

O/0746/25

TRADE MARKS ACT 1994

**IN THE MATTER OF A REQUEST FOR PROTECTION IN THE UK
OF INTERNATIONAL TRADE MARK NO. 1703642**

Grayn

IN THE NAME OF GRAYN AS

IN CLASSES 9, 35 & 42

AND

**THE OPPOSITION THERETO UNDER NUMBER 441923
BY GRAIN CONNECT LIMITED**

Background and pleadings

1. International trade mark registration number 1703642, (“the IR”) consists of the trade mark Grayn. The holder is Grayn AS (“the holder”). The IR has an international registration date and UK date of designation of 24 June 2022, claiming a priority date of 20 January 2022.¹ The holder seeks protection for the IR for goods and services in classes 9, 35 and 42. The specifications of goods and services, in total, run to 66 pages.² They are reproduced in full in the annex to this decision.

2. Grain Connect Limited (“the opponent”) opposes the request for protection in the UK under sections 5(2)(b), 5(4)(a) and 3(6) of the Trade Marks Act 1994 (“the Act”). The opponent relies upon the following earlier trade mark registration for its section 5(2)(b) ground:

3214453

GRAIN

Filing date: 22 February 2017; registration date: 12 May 2017

Class 9: Remote monitoring, surveillance and management apparatus; communications apparatus and instruments, and parts and fittings therefor; fibre optic telecommunications apparatus; apparatus and instruments for conducting, switching, transforming, accumulating, regulating or controlling electricity; apparatus and instruments for the reception of radio and television broadcasts including the reception of cable, satellite and digital broadcasts; wired and/or wireless computer network routers and modems.

Class 37: Installation, maintenance and repair services, all for telecommunications installations; apparatus and instruments for communications installations; apparatus and instruments for computing installations.

¹ From Norwegian trade mark no. 202200869.

² At 1.5 line spacing and point 12 Arial font. In its written submissions in lieu of a hearing, the opponent submits that the specifications run to over 37 pages in size 11 font, and to almost 23,000 words.

Class 38: Broadcasting services; telecommunications services; provision of telecommunications access and links to computer databases and to the Internet; telecommunication of information (including web pages); fibre optic telecommunications services; broadcasting and transmission of data, sound or images; telecommunications network services; providing user access to the Internet; broadcasting and delivery of multimedia content over electronic communications networks; digital broadcasting services; internet portal services; communications by fibre optic networks; information, consultancy and advisory services relating to the aforesaid services.

3. Under section 5(2)(b) of the Act, the opponent claims that the parties' goods and services are identical or similar and that the marks are highly similar, leading to a likelihood of confusion.

4. Under section 5(4)(a) of the Act, the opponent claims that it has used the sign GRAIN throughout the UK since 2017 in relation to installation of broadband infrastructure and provision of broadband services. The opponent claims that its goodwill entitles it to prevent the use of the application under the law of passing off because it would cause misrepresentation and damage the opponent's goodwill.

5. Under section 3(6) of the Act, the opponent claims that the description of the holder's business on its website shows that the holder's business is the provision of a software platform, the specific function of which relates to business analytics and sustainability, and related consultancy services. On this basis, the opponent claims that it is impossible for the holder to have a bona fide intention to use the mark in respect of the enormously wide-ranging list of goods and services. The opponent claims that the holder must have made a false declaration in seeking protection in the UK for its IR, which was in bad faith. Alternatively, the opponent claims that the holder should be required to limit its goods and services to those which it does have a genuine intention to offer under its mark.

6. The holder filed a defence and counterstatement. The counterstatement bears the hallmarks of having been generated (at least in part) by AI. It is just possible to discern a denial of the section 5(2)(b) ground:

“The essence of trademark law is to protect the distinctive identities of businesses and their products or services. While the principle of avoiding consumer confusion is central, not all similarities between trademarks automatically grant opponents the right to oppose a trademark registration. We will demonstrate that Grayn AS should not be opposed by GRAIN CONNECT LIMITED on the grounds of similarity alone, especially given our long existence and national and international trademark registrations”;

and

“Grayn AS requests that the opposition by Grain Connect Limited should be refused in its entirety.

7. The first statement would also seem relevant to the section 5(4)(a) ground, in relation to which there is no specific reference in the counterstatement, because the section 5(4)(a) ground is based upon the holder’s mark, goods and services being similar to those in which the opponent has goodwill. Within the first statement there appears to be an acceptance that there is similarity between the parties’ marks but it is not clear whether this relates only to the marks or also to the parties’ goods and services. The holder also says, later in the counterstatement:

“It is true that there is some similarity ... in terms of the phonetic pronunciation of Grayn and Grain.

8. The holder says the following about the parties’ goods and services:

Difference in classification

Grayn AS trademark classes include 9, 35, and 42, which according to the Norwegian Patent Office includes:

- Class 9:

Shows all services in class 9
Result: 2170 of 2170 H

[Class header] Advertising; business management; business administration; office functions.

language Type ▾

Class 35 Advertising; business management; business adminis... ^

- Class 35:

Shows all services in class 35
Result: 2170 of 2170 H

[Class header] Advertising; business management; business administration; office functions.

language Type ▾

Class 35 Advertising; business management; business adminis... ^

- Class 42:

Shows all services in class 42
Result: 2643 of 2643 H

[Class header] Scientific and technological services and research and design relating thereto; industrial analysis, industrial research and industrial design services; quality control and authentication services; design and development of computer hardware and software.

language (

Class 42 Scientific and technological services and research... ^

The classes of Grain Connect Limited are 9, 37, and 38, limited to the categories within the respective classes shown below. As shown at

<https://trademarks.ipo.gov.uk/ipo-tmcase/page/Results/1/UK00003214453>.

Trade mark number

UK00003214453

Status

Registered

[View historic details](#)

[Display content without tabs](#)

Overview

List of goods and services

Names and addresses

Publications

[Close all](#)

Classes and terms

Class 9

Remote monitoring, surveillance and management apparatus; communications apparatus and instruments, and parts and fittings therefor; fibre optic telecommunications apparatus; apparatus and instruments for conducting, switching, transforming, accumulating, regulating or controlling electricity; apparatus and instruments for the reception of radio and television broadcasts including the reception of cable, satellite and digital broadcasts; wired and/or wireless computer network routers and modems.

Class 37

Installation, maintenance and repair services, all for telecommunications installations; apparatus and instruments for communications installations; apparatus and instruments for computing installations.

Class 38

Broadcasting services; telecommunications services; provision of telecommunications access and links to computer databases and to the Internet; telecommunication of information (including web pages); fibre optic telecommunications services; broadcasting and transmission of data, sound or images; telecommunications network services; providing user access to the Internet; broadcasting and delivery of multimedia content over electronic communications networks; digital broadcasting services; internet portal services; communications by fibre optic networks; information, consultancy and advisory services relating to the aforesaid services.

9. This does appear to be a denial that the parties' goods and services are dissimilar. The holder also points out the differences between the parties' core services; i.e. what they currently provide. The holder concludes the counterstatement with the following:

“Grayn AS requests that the opposition by Grain Connect Limited should be refused in its entirety. In the alternative, Grayn AS can exclude distinct overlapping categories from its application within class 9 which has a large degree of similarity with those of Grain Connect Limited in class 9.”

10. In relation to bad faith (section 3(6) of the Act), the holder says only this:

“Lastly, the argument of filing application in bad faith. Grayn AS has existed for a substantial period and has secured national and international trademark registrations, which are a testament to our legitimate and bona fide use of the mark.”

11. However, earlier in the counterstatement, under the heading “Distinctiveness and Strength”, the holder also says:

As for the extensive product categories within each class, this relates to the national filing of the first trademark application which is the basis for all other trademark applications. The trademark categories were based on guidelines from the Norwegian Patent Office's online tool: Product selector. This can be found at <https://search.patentstyret.no/classification>. These categories include products from the belowmentioned systems, which explains its extensive nature.

- Internationally approved products (Nice agreement)
- Madrid Goods & Services Manager (MGS)
- Products approved in the EU countries' Harmonised Database (HDB)

12. The opponent is represented by Ward Hadaway Solicitors and the holder represents itself. Only the opponent filed evidence during the evidence rounds, which relates solely to the use it has made of the earlier mark. The opponent also filed written submissions in lieu of a hearing. The holder's Form TM8 (and counterstatement) was signed with a statement of truth by an individual, Stina Skånhoff. This would be considered as evidence in the courts, as set out in the decision of Mr Daniel Alexander QC, sitting as the Appointed Person, in *Soundunit Limited v Korval Inc.*, BL O/468/12, at paragraph 37:

“The registered proprietor is right, that, by Rule 64 of the Trade Marks Rules 2008, in any proceedings under the Act, evidence may be given, inter alia, “in any other form which would be admissible as evidence in proceedings before the court”. Before the High Court a pleading verified by a statement of truth may be admitted as evidence (see CPR Rule 32).”

13. I will, therefore, regard the counterstatement as evidence. The holder did not file any evidence during the evidence rounds and did not file any written submissions. I make this decision after careful consideration of all the papers on file, referring to them as necessary.

14. The provisions of the Act relied upon in these proceedings are assimilated law, as they are derived from EU law. Although the UK has left the EU, section 6(3)(a) of

the European Union (Withdrawal) Act 2018 (as amended by Schedule 2 of the Retained EU Law (Revocation and Reform) Act 2023) requires tribunals applying assimilated law to follow assimilated EU case law. That is why this decision refers to decisions of the EU courts which predate the UK's withdrawal from the EU. I will begin by considering the section 3(6) ground of opposition.

Section 3(6) of the Act

15. Section 3(6) states:

“(6) A trade mark shall not be registered if or to the extent that the application is made in bad faith.”

16. In *SkyKick UK Ltd & Anor v Sky Ltd & Ors (Rev1)* [2024] UKSC 36, Lord Kitchin summarised the general principles applicable to bad faith at [240], as follows:

“(i) [...]

(ii) The date for assessing whether an application to register [a] trade mark was made in bad faith is the date the application for registration was made (*Lindt*, para 35).

(iii) Bad faith in this context is an autonomous concept of EU law which must be given a uniform interpretation [...], and must be interpreted in the context of Directive 89/104 in the same manner as in the context of Regulation 40/94 (*Malaysia Dairy Industries Pte Ltd v Ankenævnet for Patenter og Varemaerker* (C-320/12) EU:C:2013:435 (“*Malaysia Dairy*”), para 29; *Sky plc v SkyKick UK Ltd* (C-371/18) EU:C:2020:45 (“*Sky CJEU*”), para 73).

(iv) While, in accordance with its usual meaning in everyday language, the concept of bad faith presupposes the presence of a dishonest state of mind or intention, the concept must also be understood in the context of trade mark law, which involves the use of marks in the course of trade. Further, it must have regard to the objectives of the [...] law of trade marks, namely the establishment and functioning of [...] a system of undistorted competition in which each

undertaking must, in order to attract and retain customers by the quality of its goods or services, be able to have registered as trade marks signs which enable consumers, without any possibility of confusion, to distinguish those goods or services from those which have a different origin (*Lindt*, para 45; [*Koton Mağazacılık Tekstil Sanayi ve Ticaret AS v European Union Intellectual Property Office (EUIPO)* (C-104/18) EU:C:2019:724 (“*Koton*”)], para 45).

(v) Consequently, the objection will be made out where the proprietor made the application for registration, not with the aim of engaging fairly in competition but either (a) with the intention of undermining, in a manner inconsistent with honest practices, the interests of third parties; or (b) with the intention of obtaining, without even targeting a specific third party, an exclusive right for purposes other than those falling within the functions of a trade mark, and in particular the essential function of indicating origin (*Koton*, para 46; *Sky CJEU*, para 75).

(vi) The intention of the applicant is a subjective matter, but it must be capable of being established objectively by the competent administrative or judicial authorities having regard to the objective circumstances of the case (*[Hasbro Inc v EUIPO, Kreativni Dogaaji d.o.o. (intervening)* (Case T-663/19) EU:T:2021:211 (“*Hasbro*”)], paras 39 and 40; *Koton*, para 47).

(vii) The burden of proving that an application for a registered mark was made in bad faith lies on the party making the allegation. But where the circumstances of the case may lead to a rebuttal of the presumption of good faith, it is for the proprietor of the mark to explain and provide a plausible explanation of the objectives and commercial logic pursued by the application for registration (*Hasbro*, paras 42 and 43).

(viii) Whether the applicant was acting in bad faith must be the subject of an overall assessment, taking into account all of the factors relevant to the particular case (*Lindt*, para 37).

(ix) The applicant for a trade mark is not required to indicate or to know precisely when the application is filed or examined, the use that will be made of it (*Sky*

CJEU, para 76; [*AS v Deutsches Patent-und Markenamt* (C-541/18) EU:C:2019:725], para 22).

(x) Nevertheless, the registration by an applicant of a mark without any intention to use it in relation to the goods and services covered by the registration may constitute bad faith where there is no rationale for the application in the light of the aims referred to in Regulation 40/94 and Directive 89/104 (*Sky CJEU*, para 77).

(xi) Such bad faith may, however, be established only where there are objective, relevant and consistent indicia tending to show that, when the application was filed, the applicant for registration had the intention either of undermining, in a manner inconsistent with honest practices, the interests of third parties, or of obtaining, without targeting a specific third party, an exclusive right for purposes other than those falling within the functions of a trade mark (*Sky CJEU*, para 77).

(xii) It follows that the bad faith of the applicant cannot be presumed on the basis of a mere finding that, at the time of filing the application, the applicant had no economic activity corresponding to the goods and services referred to in the application (*Sky CJEU*, para 78).

(xiii) When the absence of an intention to use the mark in accordance with the essential functions of a trade mark concerns only certain goods or services referred to in the application for registration, that constitutes making the application in bad faith only in so far as it relates to those goods or services (*Sky CJEU*, para 81).

(xiv) If, at the end of the day, the court concludes that, despite formal observance of the relevant rules and conditions for obtaining registration, the purpose of the rules has not been achieved, and that there was an intention to take advantage of the rules by creating artificially the conditions laid down for obtaining the registration, this may amount to an abuse sufficient to find that the application was made in bad faith (see, for example, *Hasbro*, para 72).

(xv) Directive 89/104 does not preclude a provision of national law under which an applicant for registration must state that the mark is being used in relation to the goods or services in relation to which it is sought to register the mark, or that the applicant has a *bona fide* intention that it should be used, provided that infringement of such an obligation cannot constitute a ground for invalidity. It may, however, constitute evidence for the purposes of establishing possible bad faith on the part of the applicant when the application was filed (*Sky CJEU*, paras 86 and 87).”

17. *Skykick* also sets out at paragraph 86 that a statement on the application form that the mark is in use, or there is a *bona fide* intention to use it may, if untrue, provide evidence supporting a bad faith case, but is not sufficient by itself to justify the refusal or cancellation of the registration.

18. An allegation of bad faith is a serious one which must be distinctly proved, but in deciding whether it has been proved, the usual civil evidence standard applies (i.e. balance of probability). This means that it is not enough to establish facts which are as consistent with good faith as bad faith: *Red Bull GmbH v Sun Mark Limited and Sea Air & Land Forwarding Limited* [2012] EWHC 1929 (Ch).

19. Mr Geoffrey Hobbs QC, sitting as the Appointed Person in *Alexander Trade Mark*, BL O/036/18, set out at paragraph 8 that the key questions for determination in a claim of bad faith are:

(a) What, in concrete terms, was the objective that the applicant has been accused of pursuing?

(b) Was that an objective for the purposes of which the contested application could not be properly filed? and

(c) Was it established that the contested application was filed in pursuit of that objective?

20. The objective which the holder has been accused of pursuing is that it sought protection in the UK for a trade mark for a very broad range of goods and services for which it cannot have had a bona fide intention to use the IR. In the context of trade mark law, the claim is that the request for protection in the UK was made in bad faith because it was made with the intention of obtaining, without even targeting a specific third party, an exclusive right for purposes other than those falling within the functions of a trade mark, and in particular the essential function of indicating origin.

21. I am satisfied that the objectives set out in *Alexander* are objectives for which the request for protection of the IR in the UK could not have been properly made (i.e. if proven, it would lead to a conclusion that it was made in bad faith). I need to consider whether the opponent has established that the request for protection was made in pursuit of that objective.

22. The class 9 specification runs to over 20 pages. It includes the very broad term software as the second term and covers a diverse and disparate range of software and apparatus, as well as scientific, nautical, surveying, photographic, cinematographic, optical, weighing, measuring, signalling, checking [supervision], life-saving and teaching apparatus and instruments). Examples are:

- Chemical engineering software
- Traffic management software
- Software for arcade video game machines
- Banking software
- Parental control software
- Workout logging software
- Software for evaluating customer behaviour in online shops
- Software for dosimetry purposes in the field of radiotherapy
- Software for the control of stage lighting apparatus and instruments
- Artificial intelligence software for driverless cars
- Children's educational software
- Optical barcode recognition [obr] software
- Firmware and software for electronic cigarettes

- Electronic sports training simulators
- Tax preparation software
- Music-composition software
- Navigation software
- Betting software
- Application software for televisions
- Computer software for instrument tuning
- Dissecting instruments for scientific or research laboratories
- Jewellery that communicates data
- Automatic cash sorting and counting machines
- Sprinkler apparatus [automatic] for fire extinguishing
- Fire engines
- Sextants
- Computers for use with bicycles
- Juke boxes for computers
- Simulators for training operators in weapons systems control
- Downloadable children's book series
- Video cameras for analyzing golf swing
- Spectacle chains

23. The opponent's written submissions, filed with its evidence, say that it is inconceivable, in the light of the holder's stated business in its counterstatement, that the holder intends to diversify to the extent that it plans to use the trade mark upon the huge range of goods and services in its specifications. In its counterstatement, the holder states that its business is as follows:

Grayn AS

Grayn AS offers European customers a unique software platform for sustainability accounting and provides sustainability consulting services. Our data platform and consultants assist businesses in gaining a comprehensive overview of their consumption, both physical (e.g., materials) and non-physical (e.g., electricity), with the aim of optimizing their key performance indicators (KPIs). It is important to note that our platform may harvest consumption data, including electricity consumption and water usage, from sensors, especially in production facilities.

24. The opponent points to the holder's statement that it has "existed for a substantial period and has secured national and international trademark registrations, which are a testament to our legitimate and bona fide use of the mark." The opponent submits that registrations in other jurisdictions, which may not have an 'intent to use' requirement, are not persuasive. The opponent accepts that an applicant for a trade mark does not have to devise a commercial strategy for every good or service; however, it submits that the holder, in stating what its business consists of in the counterstatement, clearly has no commercial justification for covering such a broad range of goods and services. The opponent submits:

"Aside from the specialist computer software platform, and a limited number of ancillary goods/services, it is evident that the Applicant [holder] simply intends to use the trade mark as a legal weapon to undermine the interests of third parties. The Applicant has not submitted any evidence to demonstrate high levels of recognition of its brand or prolific growth, indications which may lead to rapid expansion and diversification sufficient [sic] justify such a voluminous specification."

25. In *Accessible Labs Ltd v Rui Qu (Shanghai) Enterprise Management Consulting Company Limited*, Mr Daniel Alexander KC said:³

"43. Third, *SkyKick* notes that the application of the law presents evidential difficulties. It is rare that an opponent to a trade mark application mark will have direct evidence that the applicant intended to do so for reasons which do not accord with the proper objects of securing trade mark registration. Lord Kitchin said in *SkyKick* at [154]:

"It may be very difficult for a claimant seeking a declaration of invalidity of a registered trade mark to prove the subjective intention or motive of the applicant in filing the application to register that mark in respect of particular goods and services. Accordingly, from the earliest consideration of this issue by the CJEU, it has been recognised that this subjective aspect of the objection will generally have to be established

³ Case BL O/0534/25.

by reference to what have been described as relevant, consistent and objective criteria.””

26. In the present case, the opponent has provided in its statement of grounds the description of the holder’s business which the opponent found on the holder’s website. In the light of the holder’s business description, the opponent has pointed to the enormous length and breadth of the holder’s specifications, in contrast to the relatively narrowly couched description of the holder’s business. This combination of factors has given rise to the claim of bad faith. In *Maya Appliances Pvt. Ltd v Prapaharan Sivaratnam*, Mr Iain Purvis KC, sitting as the Appointed Person, said:⁴

“27. It is obviously wrong to expect a party to Cancellation proceedings to be able to give direct evidence of the motivation of someone who has adopted their mark. All they can reasonably be expected to do in the vast majority of cases is to make inferences from the objective facts and invite the other party to respond to this. If they establish a prima facie case consistent with bad faith, then in the absence of a response from the other party the Cancellation should succeed.

28. In the present case, this is precisely what happened. Maya did all they were able to do. They pointed out that they had a strong reputation in India under a unique trade mark for very particular goods (kitchen mixers and the like). They pointed out that Mr Sivaratnam had business and personal links to the Indian subcontinent. They said that the adoption of the identical mark for identical goods was unlikely to be a coincidence and they pointed out that Mr Sivaratnam had no obvious business interest in kitchen mixers or indeed in manufactured goods at all. They said that they (Maya) were trying to establish a business in the United Kingdom through a distributor and that the only obvious reason they could think of why Mr Sivaratnam would choose to apply at that time for this particular mark for these particular goods was to frustrate their own business activities in the United Kingdom. There was nothing to suggest a genuine

⁴ Case BL O/0052/25: the decision concerned cancellation proceedings, but the law is no different in relation to an opposition under section 3(6).

intention to establish his own independent business under the name. They supported this with evidence, and therefore threw the ball back into Mr Sivaratnam's court."

27. In the present case, the opponent has done all that it was able to do, in the circumstances of the case (paragraph 240(v) of *Skykick*). It is true that the opponent did not file evidence of what it had found on the holder's website, but in its counterstatement the holder did not dispute the opponent's claim about the holder's business in the notice of opposition and, in fact, confirmed the nature of its business which matches the opponent's claim. It is unsurprising, therefore, that the opponent filed no evidence about the matter because it was not denied and the counterstatement corroborated the claim. The ball has been thrown back into the holder's court. I find that the opponent has raised a prima facie case of bad faith and the burden shifts to the holder to rebut that prima facie case.

28. Like the proprietor in *Maya Appliances*, the holder has filed nothing other than its counterstatement. In that counterstatement, the holder states that it "offers European customers a unique software platform for sustainability accounting and provides sustainability consulting services." The holder provides no further evidence about its business, beyond this assertion. In the counterstatement, the holder also refers to the fact that it has existed for a substantial period, without giving any details. It points to the fact that it has "secured national and international trade mark registrations as support for its "legitimate and bona fide use of the mark".

29. Merely holding trade mark registrations in other jurisdictions does not answer a claim that the request for protection in the UK, for an IR with very lengthy and broad specifications, was not made in bad faith. That does not explain how the goods and services outside of the holder's own description of its business can be said to relate to its actual or intended business operation; such as those I have listed at paragraph 22 of this decision. Mr Alexander said, in *Accessible Labs Ltd v Rui Qu (Shanghai) Enterprise Management Consulting Company Limited*:

"48. ... where there is evidence from which it is proper to infer that an application for registration has been made in bad faith (on the basis that it was not applied

for to protect one or more of the legitimate functions of a trade mark) an applicant can reasonably be expected to provide a sufficiently coherent explanation for the application specifically in the UK including as to its scope. An applicant may be able to justify the application (including its scope) on the basis of credible evidence as to its purposes in making it, for example by reference to the width of the underlying business, actual or reasonably contemplated, which the trade mark is intended to protect. If no adequate or sufficiently credible explanation is provided or one which justifies the UK application, there may be a proper basis for a finding of bad faith in whole or in part.”

30. In *Mercury Communications Ltd v Mercury Interactive (UK) Ltd* [1995] FSR 850 Laddie J said at [864], in relation to the term ‘computer software’:

“The defendant argues that on its present wording, the plaintiff’s registration creates a monopoly in the mark (and confusingly similar marks) when used on an enormous and enormously diffuse range of products, including products in which the plaintiff can have no legitimate interest. In the course of argument I put to [counsel for the plaintiff] that the registration of a mark for ‘computer software’ would cover any set of recorded digital instructions used to control any type of computer. It would cover not just the plaintiff’s type of products but games software, accounting software, software for designing genealogical tables, software used in the medical diagnostic field, software used for controlling the computers in satellites and the software used in the computers running the London Underground system. I think that in the end he accepted that some of these were so far removed from what his client marketed and had an interest in that perhaps a restriction on the scope of the registration to exclude some of the more esoteric products might be desirable.

31. In *Wise Payments Limited v With Wise Limited & Ors*, [2025] EWHC 1722 (IPEC), Recorder Amanda Michaels said:

“48. As long ago as 1995, in *Mercury* [1995] FSR 850, Laddie J. said that there is a strong argument that a registration of a mark simply for ‘computer software’

will normally be too wide, and that the defining characteristic of a piece of computer software is the function it performs. Whilst I appreciate that software is an essential tool of the Claimant's business and may very well be designed by or for the Claimant, it does not seem to me that this justifies the Claimant's application to register a trade mark for software of every conceivable kind. The software which the Claimant uses and which its customers use enables it to provide its money transfer and other services, but it is clear that the design or marketing of software was not the focus of its business, still less that it was the sort of business which would have a reasonable expectation of marketing a range of software fulfilling such diverse functions as to justify an application for computer software of all kinds. If Sky, with its broad business model, could not justify such an application, it seems to me that it is clear that it would be the case for the Claimant too. I take support in that view from several of the confidential documents in evidence (FB20, FB22) which predated the change from TransferWise to Wise Payments. They referred to the Claimant's products and did not suggest that those included software products, even though some software had by that time been uploaded to GitHub. There must have been many sub-categories of software in relation to which the Claimant never had any intention of using the Marks and there was no realistic prospect of it ever doing so.”⁵

32. *Mercury* was a case in which the defendant had, as in the present case, indicated its actual area of business interest. Floyd J's hypothetical list of potential uses for software is not dissimilar to the list which I have reproduced above at paragraph 22.

33. Moreover, as the opponent submits, it is not known whether those jurisdictions (such as Norway) operate an intent to use regime upon filing a trade mark application. The holder explains in its counterstatement that its lengthy specifications relate to the Norwegian trade mark application upon which its IR is based. Specifically, the holder states:

⁵ “Sky” is a reference to one of the parties in Skykick.

“The trademark categories were based on guidelines from the Norwegian Patent Office’s online tool: Product selector.

This can be found at <https://search.patentstyret.no/classification>. These categories include products from the belowmentioned systems, which explain its extensive nature.

- Internationally approved products (Nice agreement)
- Madrid Goods and Services Manager (MGS)
- Products approved in the EU countries’ Harmonised Database (HDB)

34. In *Skykick*, Lord Kitchin said (my underlining):

“260. [...] It would in my view be anomalous for traders who use broad terminology to describe the goods and services for which they seek protection to find themselves in a more favourable position than those who use appropriate sub-categories to describe the same goods and services, and I would reject any interpretation of the legislation that necessarily leads to that conclusion. Of course, the matter must be judged as at the time of the application. Further, in so far as the applicant was required or encouraged to use class headings or other terminology to describe the goods and services which are the subject of the application, this may be a matter properly to take into account in assessing whether the application was made in bad faith. But subject to considerations such as these, I see no reason why a person should be permitted to apply to register a mark or retain a registration in respect of distinct categories of goods or services in relation to which it never had any intention to use the mark, simply because it chose to use a broad description of those goods and services which meant they were encompassed together with goods or services about which no complaint is made.

261. I would mention two other matters in this context. First, there can be no doubt that an application to register a mark in respect of a broad category of goods or services may be made *partly* in bad faith in so far as the broad description includes distinct sub-categories of goods or services in relation to which the applicant never had any intention to use the mark, whether conditionally or otherwise. In my view, that emerges clearly from the decision

of the CJEU in this case. The approach to be adopted in such a case was explored and explained by the Court of Appeal in *Merck KGaA v Merck Sharp & Dohme Corpn* [2017] EWCA Civ 1834; [2018] ETMR 10, at paras 241-249 and, so far as I am aware, that approach has proved workable and appropriate and has stood the test of time, save that it must now be seen in light of the more recent guidance given by the CJEU in, for example: *Ferrari SpA v DU* (Joined Cases C-720/18 and C-721/18) EU:C:2020:854; [2021] Bus LR 106, at paras 36-53. There the CJEU explained, at para 40, that the essential criterion to apply for the purposes of identifying a coherent subcategory of goods or services capable of being viewed independently is their purpose and intended use.

262. Secondly, it is now possible to dispel the concern expressed by counsel for the Comptroller-General that it is doubtful whether the introduction of restrictions on the use of broad terms in trade mark specifications will alleviate the problem of cluttering, at least without the objection of bad faith filing “having some teeth”. In my opinion, and for the reasons I have given, the objection does have teeth: indeed, it has essentially the same teeth whether one is concerned with an unduly broad specification which uses general terms or specific sub-categories to describe goods or services and which, in either case, includes or identifies sub-categories of goods or services in relation to which the applicant never had any intention to use the mark.”

35. I note that the mere fact that the UK IPO does not, for example, automatically object to the broad term ‘computer software’ does not mean that the registration of a trade mark for such goods is immune to claims that the mark was registered in bad faith.⁶ Such claims must be determined on the facts of the individual case, including (i) evidence as to the nature and scope of the applicant’s actual, planned and possible business intentions at the date of the application, and (ii) whether it has been shown that the applicant registered the mark for computer software in order to acquire an exclusive right for purposes other than those falling within the functions of a trade

⁶ See Practice Amendment Notice 1/25: Required behaviour, and the impact on examination practice, following the Supreme Court’s judgment in *SkyKick UK Ltd and another v Sky Ltd and others*.

mark. In relying upon the mere fact of its Norwegian trade mark registration, the holder has not provided any evidence about whether the Norwegian Patent Office required or encouraged applicants (i.e. including the holder) to choose vast lists of specific goods or services. The holder has not said whether there was any warning about doing so, or how the application system functioned. For instance, the holder has not said whether it had to pick out the terms (covering 23,000 words), or whether there was a tickbox (or some other such function) which automatically populated the specification section of the Norwegian trade mark application form. I do not consider that I can therefore take the mere fact that the terms were available in various databases when the holder applied for its Norwegian mark into account, without more explanation. There is no more in the counterstatement about it and the holder chose not to file evidence when it was invited to do so by the Tribunal.

36. This goes back to paragraph 240(iv) of *Skykick*, where the court stated that the context is trade mark law “which involves the use of marks in the course of trade”. The holder may have thought (subjectively) that there was nothing wrong in applying for a vast list of goods and services because they were listed on the various classification databases when it applied for its Norwegian trade mark. However, that trade mark application is not an abstract piece of property, existing in a vacuum. As paragraph 240(iv) points out, the context is the use of trade marks in the course of trade, the purpose being to identify the goods of one undertaking from those of other undertakings in a system of undistorted competition. Applying for such a vast range of goods and services without providing adequate justification distorts competition because it puts in the hands of one undertaking an exclusive right which does not fall within the functions of a trade mark. The holder sought an exclusive right which went far beyond its current or plausible future use of its IR. In *Accessible Labs Ltd*, Mr Alexander KC said:

“45. ... as Lord Kitchin said in *SkyKick* at [235] and [252]:

“235. I recognise that an inference that an application to register a trade mark was made in bad faith may be displaced by an explanation of an appropriate commercial rationale for making it. In my opinion, however, a failure to provide any satisfactory explanation may reinforce the inference and provide further support for a finding of bad faith.

...

252. I recognise that such an applicant, when given an appropriate opportunity, may provide a reasonable explanation and justification for its actions and in that way answer and dispel any inference that it made the application in bad faith. If, however, it fails to do so, it is in my view open to the tribunal to find that the application was indeed made in bad faith in respect of those goods and services.”

46. *SkyKick* therefore reinforced the importance of a satisfactory explanation for making a UK trade mark application in circumstances where an inference that the mark was applied for in bad faith appeared justified, prima facie. Key questions are therefore (a) whether an explanation was provided at all and (b) whether the hearing officer had sufficient basis to find that the explanation provided was unconvincing with respect to motivation in applying for the mark and in particular intention to use it in the UK, taking the evidential picture as a whole.

47. As to that, the case law from the Court of Appeal prior to *SkyKick* suggests that where, in principle, evidence from those with knowledge of intention is available, it is reasonable to expect it to be adduced to rebut a prima facie case of bad faith. That proposition is supported by *Lidl Great Britain Ltd & Anor v Tesco Stores Ltd & Anor (Rev1)* [2024] EWCA Civ 262, where Arnold LJ said at [180] of one of the grounds of appeal (namely that it was not realistic for the judge to expect that either witness testimony or documentary evidence would be available to explain Lidl's intentions) that despite the passage of time, the applicants for registration were best placed to explain their intentions. The court expected a proper explanation.

48. In the light of these authorities, where there is evidence from which it is proper to infer that an application for registration has been made in bad faith (on the basis that it was not applied for to protect one or more of the legitimate functions of a trade mark) an applicant can reasonably be expected to provide a sufficiently coherent explanation for the application specifically in the UK including as to its scope. An applicant may be able to justify the application (including its scope) on the basis of credible evidence as to its purposes in making it, for example by reference to the width of the underlying business,

actual or reasonably contemplated, which the trade mark is intended to protect. If no adequate or sufficiently credible explanation is provided or one which justifies the UK application, there may be a proper basis for a finding of bad faith in whole or in part.”

37. The objective, relevant and consistent indicia point towards a conclusion that the request for protection of the IR in the UK was made in bad faith, and the holder has not rebutted that conclusion, subject to the following. The opponent has twice referred to the holder’s actual business. In its statement of grounds, the opponent states that the holder’s business is the provision of a software platform, the specific function of which relates to business analytics and sustainability and related consultancy services. In its written submissions in lieu of a hearing, the opponent submits:

“Aside from the specialist computer software platform, and a limited number of ancillary goods / services, it is evident that the Applicant simply intends to use the trade mark as a legal weapon to undermine the interests of third parties.”

38. The holder’s statement of what it does in its counterstatement (a software platform for sustainability accounting and sustainability consulting services) is an assertion without any supporting evidence. However, particularly in its written submissions, the opponent has, in my view, conceded that the holder does have a business providing the goods and services which the holder asserts in the counterstatement that it provides. Given the opponent’s positive claim about what the holder does, it is not fatal that there is no documentary evidence to support the holder’s assertion because the assertion matches what the opponent has claimed that the holder does. Paragraph 240(xiii) of *Skykick* states:

“When the absence of an intention to use the mark in accordance with the essential functions of a trade mark concerns only certain goods or services referred to in the application for registration, that constitutes making the application in bad faith only in so far as it relates to those goods or services.”

39. On the basis of what both parties say about the holder’s business, it seems fair to find that the request for protection of the IR in the UK was made in bad faith in relation

to all but software for sustainability accounting and sustainability consulting services, which appear from the rest of what the holder says in its counterstatement to be about environmental sustainability. However, I can go no further than those specific goods and services to determine what ancillary goods or services might also be reasonable because the holder has failed to file any supporting evidence to explain itself. It has failed to engage in these proceedings beyond filing the counterstatement.

40. Despite the myriad specific types of software listed in the holder's class 9 specification, sustainability accounting software is not one of them. However, the holder does have the term *accounting software* in its class 9 specification which can be qualified as 'accounting software relating to environmental sustainability'. In respect of sustainability consulting services, again this term is not listed in the holder's specification. However, *environmental consultancy services* is listed, which can be qualified as 'environmental consultancy services relating to sustainability'. Tribunal Practice Notice ("TPN") 1/2012, at paragraph 3.2.2, sets out that I can only delete terms or add a 'save for' exclusion to specification terms. In line with 3.2.2(c) of the TPN, I will, therefore, allow a period of time after this decision is issued for the parties to provide submissions/proposals as to the appropriate wording of these two terms to reflect my finding that the bad faith claim fails in relation to:

- (i) accounting software relating to environmental sustainability;
- (ii) environmental consultancy services relating to sustainability.

41. The parties may, of course, agree that (i) and (ii) are how the class 9 and 42 specifications should be worded.

Section 3(6) outcome

42. The bad faith claim succeeds in relation to all of the class 35 services and to all of the class 9 goods and class 42 services, except for 'accounting software relating to environmental sustainability' and 'environmental consultancy services relating to sustainability'.

Section 5(2)(b) of the Act

43. Section 5(2)(b) states:

“5. (2) A trade mark shall not be registered if because –

[...]

(b) it is similar to an earlier trade mark and is to be registered for goods or services identical with or similar to those for which the earlier trade mark is protected,

there exists a likelihood of confusion on the part of the public, which includes the likelihood of association with the earlier trade mark.”

44. Section 5A states:

“Where grounds for refusal of an application for registration of a trade mark exist in respect of only some of the goods or services in respect of which the trade mark is applied for, the application is to be refused in relation to those goods and services only.”⁷

45. The following principles for determining whether there is a likelihood of confusion under section 5(2)(b) of the Act are taken from the decisions of the Court of Justice of the European Union (“CJEU”) in *Sabel BV v Puma AG*, Case C-251/95, *Canon Kabushiki Kaisha v Metro-Goldwyn-Mayer Inc*, Case C-39/97, *Lloyd Schuhfabrik Meyer & Co GmbH v Klijsen Handel B.V.* Case C-342/97, *Marca Mode CV v Adidas AG & Adidas Benelux BV*, Case C-425/98, *Matratzen Concord GmbH v OHIM*, Case C-3/03, *Medion AG v. Thomson Multimedia Sales Germany & Austria GmbH*, Case C-120/04, *Shaker di L. Laudato & C. Sas v OHIM*, Case C-334/05P and *Bimbo SA v OHIM*, Case C-591/12P.

⁷ This section also applies to the ground raised under section 5(4)(a) of the Act.

The principles

(a) The likelihood of confusion must be appreciated globally, taking account of all relevant factors;

(b) the matter must be judged through the eyes of the average consumer of the goods or services in question, who is deemed to be reasonably well informed and reasonably circumspect and observant, but who rarely has the chance to make direct comparisons between marks and must instead rely upon the imperfect picture of them he has kept in his mind, and whose attention varies according to the category of goods or services in question;

(c) the average consumer normally perceives a mark as a whole and does not proceed to analyse its various details;

(d) the visual, aural and conceptual similarities of the marks must normally be assessed by reference to the overall impressions created by the marks bearing in mind their distinctive and dominant components, but it is only when all other components of a complex mark are negligible that it is permissible to make the comparison solely on the basis of the dominant elements;

(e) nevertheless, the overall impression conveyed to the public by a composite trade mark may be dominated by one or more of its components;

(f) however, it is also possible that in a particular case an element corresponding to an earlier trade mark may retain an independent distinctive role in a composite mark, without necessarily constituting a dominant element of that mark;

(g) a lesser degree of similarity between the goods or services may be offset by a great degree of similarity between the marks, and vice versa;

(h) there is a greater likelihood of confusion where the earlier mark has a highly distinctive character, either per se or because of the use that has been made of it;

(i) mere association, in the strict sense that the later mark brings the earlier mark to mind, is not sufficient;

(j) the reputation of a mark does not give grounds for presuming a likelihood of confusion simply because of a likelihood of association in the strict sense;

(k) if the association between the marks creates a risk that the public might believe that the respective goods or services come from the same or economically-linked undertakings, there is a likelihood of confusion.

46. In its counterstatement, the holder states that:

- the parties provide different core services;
- the opponent's services are in classes 37 and 38, which are different to the holder's classes;
- the opponent operates under Grain Connect, not Grain, and the parties' website branding is different.

47. None of this has any relevance. The statement that the parties provide different core services has no relevance to the comparison of goods and services as required for section 5(2)(b) of the Act because the comparison is not confined to the opponent's, or to the holder's, current mode of business. A trade mark application (and registration) is a claim to a piece of legal property. The level of protection provided is normally based on a notional assessment of the likelihood of confusion between the marks. In *O2 Holdings Limited, O2 (UK) Limited v Hutchison 3G UK Limited*, Case C-533/06, the CJEU stated at paragraph 66 of its judgment that when assessing the likelihood of confusion in the context of registering a new trade mark it is necessary to consider all the circumstances in which the mark applied for might be used if it were registered. My assessment must take into account only the holder's mark and its

specification and any potential conflict with the earlier trade mark. The comparison is to be made on the basis of notional use of the goods and services in both parties' specifications.

48. The class numbers are also irrelevant because section 60A of the Act provides:

“(1) For the purpose of this Act goods and services-

(a) are not to be regarded as being similar to each other on the ground that they appear in the same class under the Nice Classification.

(b) are not to be regarded as being dissimilar from each other on the ground that they appear in different classes under the Nice Classification.

(3) In subsection (1), the "Nice Classification" means the system of classification under the Nice Agreement Concerning the International Classification of Goods and Services for the Purposes of the Registration of Marks of 15 June 1957, which was last amended on 28 September 1975.”

49. That goods and services can be similar, even if in different classes, is therefore the law. A helpful explanation of why the law works this way can be found in *Keystone IEA Limited v Keystone Financial Limited*.⁸ Mr Daniel Alexander KC, sitting as the Appointed Person stated:

“13. First, the appellant considers that the effect of the hearing officer's decision is that the opponent is entitled to protection in respect of a wider range of services than those in respect of which the mark has been registered or used. That is true in the sense that a registered trade mark gives protection against registration (and use) of a confusingly similar mark not only in relation to identical goods or services but also in relation to similar goods and services, in the circumstances stated in the Act. That is therefore not a valid objection to

⁸ BL O/0024/23.

the hearing officer's decision. It is a feature of the law. Section 5(2)(b) of the Act provides that a (later) trade mark shall not be registered if because "(b) it is similar to an earlier trade mark and is to be registered for goods or services identical with or similar to those for which the earlier trade mark is protected there exists a likelihood of confusion on the part of the public, which includes the likelihood of association with the earlier trade mark." Once a finding has been made that there is similarity of services and a likelihood of confusion as a result of the similarity of the services and the respective marks, the Act prevents registration of a later mark to that extent. The appellant may have misunderstood the IPO Guidance referred to in the Grounds of Appeal. That states that a "trade mark will only be protected for the goods and/or services you select in your application." It is correct so far as registration of the mark is concerned but does not have any impact on the ability of the mark to be asserted in opposition proceedings against registration in respect of other goods and/or services in the circumstances provided for in the Act."

50. Finally, I can only take into account how the opponent's mark appears on the register for the purposes of my comparison of the marks, not other ways in which both parties may be using their marks.⁹

Comparison of goods and services

51. In comparing the respective specifications, all relevant factors should be considered, as per *Canon Kabushiki Kaisha v Metro-Goldwyn-Mayer Inc.* where the CJEU stated at paragraph 23 of its judgment:

"In assessing the similarity of the goods or services concerned, as the French and United Kingdom Governments and the Commission have pointed out, all the relevant factors relating to those goods or services themselves should be taken into account. Those factors include, inter alia, their nature, their intended

⁹ See *J.W.Spear & Sons Ltd and Others v Zynga Inc.*, [2015] EWCA Civ 290, at paragraphs 46 and 47.

purpose and their method of use and whether they are in competition with each other or are complementary.”

52. Additionally, the criteria identified in *British Sugar Plc v James Robertson & Sons Limited* (“*Treat*”) [1996] R.P.C. 281 for assessing similarity between goods and services also include an assessment of the channels of trade of the respective goods or services.

53. In *Boston Scientific Ltd v Office for Harmonization in the Internal Market (Trade Marks and Designs)* (*OHIM*), the General Court (“GC”) stated that complementary means:¹⁰

“82 ... there is a close connection between [the goods], in the sense that one is indispensable or important for the use of the other in such a way that customers may think that the responsibility for those goods lies with the same undertaking...”¹¹

54. In *YouView TV Ltd v Total Ltd* [2012] EWHC 3158 (Ch), Floyd J. (as he then was) stated that:

“... Trade mark registrations should not be allowed such a liberal interpretation that their limits become fuzzy and imprecise: see the observations of the CJEU in Case C-307/10 *The Chartered Institute of Patent Attorneys (Trademarks)* (*IP TRANSLATOR*) [2012] ETMR 42 at [47]-[49]. Nevertheless the principle should not be taken too far. *Treat* was decided the way it was because the ordinary and natural, or core, meaning of 'dessert sauce' did not include jam, or because the ordinary and natural description of jam was not 'a dessert sauce'. Each involved a straining of the relevant language, which is incorrect. Where words or phrases in their ordinary and natural meaning are apt to cover the category of goods in question, there is equally no justification for straining the language

¹⁰ Case T-325/06.

¹¹ In *Kurt Hesse v OHIM*, Case C-50/15 P, the CJEU stated that complementarity is capable of being the sole basis for the existence of similarity between goods and services.

unnaturally so as to produce a narrow meaning which does not cover the goods in question.”

55. Following my findings under section 3(6) of the Act, the goods and services for comparison are:

Earlier mark	IR
<p>Class 9: Remote monitoring, surveillance and management apparatus; communications apparatus and instruments, and parts and fittings therefor; fibre optic telecommunications apparatus; apparatus and instruments for conducting, switching, transforming, accumulating, regulating or controlling electricity; apparatus and instruments for the reception of radio and television broadcasts including the reception of cable, satellite and digital broadcasts; wired and/or wireless computer network routers and modems.</p> <p>Class 37: Installation, maintenance and repair services, all for telecommunications installations; apparatus and instruments for communications installations; apparatus and instruments for computing installations.</p> <p>Class 38: Broadcasting services; telecommunications services; provision of telecommunications access and links</p>	<p>Class 9: ‘accounting software relating to environmental sustainability’</p> <p>Class 42: ‘environmental consultancy services relating to sustainability’</p>

<p>to computer databases and to the Internet; telecommunication of information (including web pages); fibre optic telecommunications services; broadcasting and transmission of data, sound or images; telecommunications network services; providing user access to the Internet; broadcasting and delivery of multimedia content over electronic communications networks; digital broadcasting services; internet portal services; communications by fibre optic networks; information, consultancy and advisory services relating to the aforesaid services.</p>	
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'Accounting software relating to environmental sustainability'

56. The earlier mark in class 9 does not appear to cover software. Even if some of the broader terms are considered wide enough to cover software, such as *communications apparatus and instruments*, the holder's software is limited to 'accounting software relating to environmental sustainability', a completely different field. In *Mercury Communications*, Laddie J said at [865] (my underlining):

" [...] In my view the defining characteristic of a piece of computer software is not the medium on which it is recorded, nor the fact that it controls the computer, nor the trade channels through which it passes but the function it performs. A piece of software which enables a computer to behave like a flight simulator is an entirely different product to software which, say, enables a computer to optically character read text or design a chemical factory. In my view it is thoroughly undesirable that a trader who is interested in one limited area of computer software should, by registration, obtain a statutory monopoly of indefinite duration covering all types of software, including those which are far

removed from his own area of trading interest. If he does he runs the risk of his registration being attacked on the ground of non-use and being forced to amend down the specification of goods. I should make it clear that this criticism applies to other wide specifications of goods obtained under the 1938 Act. I understand that similar wide specifications of goods may not be possible under the 1994 Act.”

57. The function performed by the parties’ respective class 9 goods serve an entirely different purpose. This makes them very different, notwithstanding that they are both software, if the opponent’s specification even covers software. If the opponent’s specification does not cover software, the goods are even further removed. They are not in competition, are not complementary and there is no evidence that software and apparatus and instruments for such vastly different purposes would be sourced through shared trade channels. The opponent’s services in classes 37 and 38 are even further removed from ‘accounting software relating to environmental sustainability’. There is an anomaly in the opponent’s class 37 specification because it contains the terms *apparatus and instruments for communications installations; apparatus and instruments for computing installations*. These are standalone terms in the specification, unqualified by any positive or negative limitation. These terms are goods and so cannot fall in class 37. The remaining class 37 term and the services in class 38 relate entirely to telecommunications, which are completely different to ‘accounting software relating to environmental sustainability’. I find that none of the goods and services of the earlier mark are similar to the holder’s ‘accounting software relating to environmental sustainability’.

‘Environmental consultancy services relating to sustainability’

58. The above analysis applies, *a fortiori*, to the holder’s ‘environmental consultancy services relating to sustainability’. Shortly stated, there are no goods or services covered by the earlier mark which are similar to ‘environmental consultancy services relating to sustainability’. They do not share nature, and the subject matter, and therefore the purpose, is different; they would not share trade channels, and there is no element of complementarity or competition. The method of using environmental

consultancy in relation to sustainability has nothing in common with the opponent's goods and services.

59. In case I am wrong about 'accounting software relating to environmental sustainability' and there is a scintilla of similarity with the opponent's goods (there is none with the opponent's services), I will go on to consider the other factors in the global assessment before reaching my conclusion as to whether there is a likelihood of confusion. I have not forgotten that in its counterstatement, the holder said:

"Grayn AS requests that the opposition by Grain Connect Limited should be refused in its entirety. In the alternative, Grayn AS can exclude distinct overlapping categories from its application within class 9 which has a large degree of similarity with those of Grain Connect Limited in class 9.

60. The opponent submits that this is an admission by the holder that the parties' class 9 specifications have a large degree of similarity. I am not sure that this is the meaning of the holder's paragraph, which suffers from some grammatical confusion. It is possible that what is meant is that the holder accepts that there are categories within class 9 which 'have' (not has) a large degree of similarity with categories in the opponent's class 9 specification. In any event, the outcome of the section 3(6) ground has removed overlapping categories.

Average consumers and the purchasing process

61. As the caselaw cited above indicates, it is necessary to decide who the average consumer is for the goods and services at issue and how they purchase them. The average consumer is deemed to be reasonably well informed and reasonably observant and circumspect: *Lloyd Schuhfabrik Meyer*. "Average consumer" in the context of trade mark law means the "typical consumer." In *Lidl Great Britain Limited & anor v Tesco Stores Limited & anor* [2024] EWCA Civ 262, Lord Justice Arnold explained:

"16. First, the average consumer is both a legal construct and a normative benchmark. They are a legal construct in that consumers who are ill-informed

or careless and consumers with specialised knowledge or who are excessively careful are excluded from consideration. They are a normative benchmark in that they provide a standard which enables the courts to strike a balance between the various competing interests involved, including the interests of trade mark owners, their competitors and consumers.

17. Secondly, the average consumer is neither a single hypothetical person nor some form of mathematical average, nor does assessment from the perspective of the average consumer involve a statistical test. They represent consumers who have a spectrum of attributes such as age, gender, ethnicity and social group.

18. Thirdly, assessment from the perspective of the average consumer is designed to facilitate adjudication of trade mark disputes by providing an objective criterion, by promoting consistency of assessment and by enabling courts and tribunals to determine such issues so far as possible without the need for evidence.

19. Fourthly, the average consumer's level of attention varies according to the category of goods or services in question.

20. Fifthly, the average consumer rarely has the opportunity to make direct comparisons between trade marks (or between trade marks and signs) and must instead rely upon the imperfect picture of the trade mark they have kept in their mind.”¹²

62. The average consumer is the general public for some of the opponent's goods, such as communications apparatus and instruments, and parts and fittings therefor. For other goods, the average consumer will be a business customer, such as for remote monitoring, surveillance and management apparatus. The average consumer for the holder's goods will be a business customer who requires software to prepare accounts as to how environmentally sustainable its business is; such as whether it is operating at net zero. Business customers are likely to pay a reasonably high degree

¹² Approved by the Supreme Court in *Iconix Luxembourg Holdings SARL v Dream Pairs Europe Inc and anor* [2025] UKSC 25, at paragraph 30.

of attention to the purchasing process, ensuring that what they choose will give them accuracy and the information needed. The purchase will entail some degree of expense. Even for the general public, the purchase of a new mobile phone, set-top box or modem/router will cause a fair degree of attention to be paid to the selection process. These are not frequent purchases and will also entail some degree of financial outlay. The purchasing process is likely to be primarily visual, via websites, literature, advertising and physical retail premises. For example, the opponent's evidence includes what it calls outdoor advertisements, its website, direct mail advertisements, social media advertising, YouTube advertising, Google advertisements and email advertisements. The opponent submits that customers also subscribe to the services over the telephone without necessarily physically viewing the brand name, but it has not explained how those customers come to know about the opponent prior to making the purchasing act on the telephone. In any event, I bear in mind that there may be an aural aspect to the purchase; for example, during discussions with consultants or retail representatives.

Comparison of marks

63. *Sabel BV v. Puma AG* explains that the visual, aural and conceptual similarities of the marks must be assessed by reference to the overall impressions created by the marks, bearing in mind their distinctive and dominant components. The CJEU stated at paragraph 34 of its judgment in Case C-591/12P, *Bimbo SA v OHIM*, that:

“.....it is necessary to ascertain, in each individual case, the overall impression made on the target public by the sign for which registration is sought, by means of, inter alia, an analysis of the components of a sign and of their relative weight in the perception of the target public, and then, in the light of that overall impression and all factors relevant to the circumstances of the case, to assess the likelihood of confusion.”

64. It is necessary to take into account the distinctive and dominant components of the marks and to give due weight to any other features which are not negligible and therefore contribute to the overall impressions created by the marks.

65. The marks to be compared are:

Earlier mark	The IR
GRAIN	Grayn

66. The overall impression of each mark resides in the single word of which each is composed.

67. Both marks consist of five letters. The only difference lies in the fourth letter which is 'l' in the earlier mark and 'y' in the IR. All the other letters are the same, in the same sequence.¹³ The marks are visually similar to a high degree. The marks are aurally identical. Conceptually, the most obvious meaning of the earlier mark, GRAIN, is the seed of cereal plants, such as wheat, or a grain of rice. Grayn will be seen as an invented word in the UK. The marks are not conceptually similar.

Distinctiveness of the earlier mark

68. The assessment as to whether there is a likelihood of confusion includes considering whether the distinctive character of the earlier mark has been enhanced (i.e. more distinctiveness has been acquired) through the use made of it. If a mark has an inherently high, or an enhanced, level of distinctiveness, the likelihood of confusion is increased.¹⁴

69. The earlier mark is a commonplace dictionary word. It does not describe or allude to the goods or to any of their characteristics. It has at least an average degree of inherent distinctive character.

¹³ Registration of a word in capital letters covers use of the mark in any normal font, as well as in upper and lower case letters. Therefore, the fact that the holder's mark is in title case is not a material point of distinction. See the decision of Professor Ruth Annand, sitting as the Appointed Person, in *Bentley Motors Limited v Bentley 1962 Limited*, BL O/158/17.

¹⁴ *Sabel BV v Puma AG*, Case C-251/95.

70. Distinctive character is a measure of how strongly an earlier mark identifies the goods or services for which it is registered, determined, according to *Lloyd Schuhfabrik Meyer & Co.*, partly by assessing the proportion of the relevant public which, because of the mark, identifies the goods or services as originating from a particular undertaking. At paragraph 23, of its judgment, the CJEU stated:

“In making that assessment, account should be taken, in particular, of the inherent characteristics of the mark, including the fact that it does or does not contain an element descriptive of the goods or services for which it has been registered; the market share held by the mark; how intensive, geographically widespread and long-standing use of the mark has been; the amount invested by the undertaking in promoting the mark; the proportion of the relevant section of the public which, because of the mark, identifies the goods or services as originating from a particular undertaking; and statements from chambers of commerce and industry or other trade and professional associations (see *Windsurfing Chiemsee*, paragraph 51).”

71. The relevant date for assessing whether the distinctiveness of the opponent’s mark has been enhanced through the use made of it is the priority date of the IR: 20 January 2022. The opponent’s evidence about its use comes from Tim Craig, the opponent’s General Counsel.¹⁵ The opponent has used its mark since 2017. Mr Craig states that the opponent originally installed broadband infrastructure and provided broadband services on newly built housing developments. The opponent has diversified since late 2020, providing these services at a range of existing locations in the UK, including older residential and business premises. Exhibit TC1 is a list of 133 UK towns and cities in England, Wales and Scotland where the opponent has a physical infrastructure and customers. The mark ‘grain’ appears on internet routers in the homes of the opponent’s 27,148 customers. It also appears on footway chambers in streets, and on ‘toby boxes’ outside homes.¹⁶

¹⁵ Witness statement dated 8 May 2024 and exhibits.

¹⁶ These contain fully connected fibre ready to be made live.

72. Mr Craig gives figures for the opponent's share in the new build full fibre broadband market (I have disregarded the figures after the relevant date):

Year	No. of customers	No. of homes ready-for-service¹⁷	Market share %
April 2016 – March 2017	8	138	6
April 2017 – March 2018	138	248	56
April 2018 – March 2019	292	446	65
April 2019 – March 2020	538	892	60
April 2020 – March 2021	884	1497	59
April 2021 – March 2022	2122	3586	58

73. Between April 2020 and March 2021, the opponent had a 13% share of the full fibre broadband market in urban/established premises, and an 8% share in the following year. Turnover figures in the year prior to the relevant date were £661,348 and advertising figures were £91,127.

74. Exhibit TC4 consists of screenshots from the internet archive, the Wayback machine, showing images from the opponent's website from October 2017 through a period up to and beyond the relevant date. The screenshots all show 'grain' in relation to the provision of full fibre broadband. In terms of the evidence relating to marketing and website visitor numbers, the majority of these fall after the relevant date. The exceptions are a moderate number of field representatives knocking on doors in the North of England in 2020 and 2021; two outdoor advertisements placed in Barrow and Oldham in late 2021 and early 2022; and evidence of the opponent's YouTube channel, which started in 2017.¹⁸ The screenshot of the latter shows that there were 957 views as of May 2019. At Exhibit TC20, a selection of local press and industry press articles are shown (some of which post-date the relevant date). The opponent's employees have also been speakers at UK telecommunications industry events in 2019 and 2021.¹⁹

¹⁷ Homes with a toby box outside the premises.

¹⁸ Exhibit TC12.

¹⁹ Exhibit TC23.

75. A substantial amount of the evidence, mainly relating to marketing, is dated after the relevant date and cannot be taken into account to show how known the earlier mark was to UK average consumers at the relevant date. I am also doubtful that market share figures limited to the new housing market are really representative of the fibre broadband market. However, what I do think is notable is that the opponent had an 8% share of the urban/established premises market in the year during which the relevant date fell, and a 13% share in the year before that. This appears to be a substantial market share. The use was not in relation to all the goods and service covered by the specifications of the earlier mark. I find that the distinctive character of the earlier mark had been enhanced to a high level through the use made of it by the relevant date in relation to fibre optic telecommunications apparatus; wired and/or wireless computer network routers and modems; installation of broadband infrastructure; and provision of broadband services. Only the goods are of relevance to the global assessment as to whether there is a likelihood of confusion because I have found that there is no similarity between the opponent's services and the applicant's class 9 goods.

Likelihood of confusion

76. Deciding whether there is a likelihood of confusion is not scientific; it is a matter of considering all the factors, weighing them and looking at their combined effect, in accordance with the authorities set out earlier in this decision. One of those principles states that a lesser degree of similarity between goods and services may be offset by a greater degree of similarity between the trade marks, and vice versa (the 'interdependency principle'. In this case, the goods are similar to the lowest of degrees.

77. There are two types of confusion, direct and indirect.²⁰ Direct confusion occurs where marks are mistaken for one another, flowing from the principle that the average consumer rarely has the opportunity to make direct comparisons between trade marks

²⁰ *Liverpool Gin Distillery Ltd & Ors v Sazerac Brands, LLC & Ors* [2021] EWCA Civ 1207, paragraph 10.

and must instead rely upon the imperfect picture of them which has been retained in the mind. Although the marks are visually highly similar and aurally identical, they are not conceptually similar because one is a commonplace English word and the other is not an English dictionary word. The opponent submits:

“8. Whilst the Applicant’s mark has no accepted meaning in its particular spelling, given the phonetic identity and very high visual similarity between “GRAIN” and “GRAYN”, the Opponent submits that consumers would attach the same conceptual significance to “GRAYN” as it would attach to “GRAIN”. This is in particular the case as the visual single-letter difference is likely to go unnoticed.”

78. Simply because there is a single-letter difference does not mean that it will go unnoticed. The fact that GRAIN is commonplace, as well as a relatively short word, is more likely to result in a difference in spelling being noticed.

79. In *The Picasso Estate v OHIM*, Case C-361/04 P, the CJEU found that:

“20. By stating in paragraph 56 of the judgment under appeal that, where the meaning of at least one of the two signs at issue is clear and specific so that it can be grasped immediately by the relevant public, the conceptual differences observed between those signs may counteract the visual and phonetic similarities between them, and by subsequently holding that that applies in the present case, the CFI [Court of First Instance] did not in any way err in law.”

80. That was a case involving an application for the mark PICARO and an opposition in which the earlier mark was PICASSO, both for identical goods (vehicles, for which the CFI found that the level of attention of the average consumer was high). In *JT International S.A. v Argon consulting & Management Limited*, Case BL O/049/17, Mr Iain Purvis QC, sitting as the Appointed Person, after quoting from *Picasso*, said:

“39. The interesting point here is that the absence of a particular concept is said to ‘counteract’ confusion, by making the marks easier to distinguish. So lack of conceptual similarity is not merely a ‘neutral’ factor. That is the case

even where one of the two marks has no particular meaning at all to the average consumer.

81. In *Christopher Kingsley v Talentcorp Pty Ltd*, Case BL O/389/17, the Appointed Person, Ms Amanda Michaels, considered the failure of an opposition in which the application was REVELIAN and the earlier mark REBELLION, both covering computer software. REVELIAN is not a dictionary word. Ms Michaels said, at paragraph 28:

“ ... the Hearing Officer had to consider the question of the conceptual similarity between the marks on the basis that the word REBELLION has a clear and specific meaning, one which the public is capable of grasping immediately, whilst the word REVELIAN has no such meaning. He took the view that in this case the conceptual difference between the marks was significant and counteracted the visual and aural similarities which he had identified. I consider that he was entitled to apply the counteraction theory on the facts of this case, and it was open to him to come to the conclusion which he did as to its impact in relation to these marks....”

82. I bear in mind that a conceptual difference may not be sufficient to counteract visual and aural similarities: in *Victura, Inc v JYP Entertainment Corporation*, Case BL O/0504/24, Mr Geoffrey Hobbs KC, sitting as the Appointed Person, agreed that there was a likelihood of direct confusion between the marks DAY6 and SIX DAYS for identical goods and services; see also, *Nokia Oyj v OHIM*, Case T-460/07.²¹ In the present case, one mark is a well-known word, the other is invented and the goods are similar to only the lowest degree. Conceptual counteraction and the interdependency principle militate against imperfect recollection, as do the different spellings in relatively short marks, one of which is so commonplace. The conceptual difference between the marks is also strong because GRAIN is such a commonplace word and Grayn is without meaning. Notwithstanding the enhanced distinctiveness of GRAIN for telecommunications apparatus; wired and/or wireless computer network routers and modems, there will be no imperfect recollection. This is despite the marks being aurally identical. As referred to earlier in this decision, the opponent submits that

²¹ The marks in that case were LIFE and LIFE BLOG.

consumers of its goods and services often recommend providers to one another by word of mouth and/or subscribe to the services over the telephone, without necessarily physically viewing the brand name. In allowing for this aspect to the purchase, I nevertheless think it highly unlikely that the mark would not be seen at any stage of the purchasing process, and particularly so with regard to the holder's mark which covers fairly specialist goods, remembering that average consumers are reasonably well-informed, reasonably observant and circumspect. They will also display a relatively high degree of attention. There is no direct confusion.

83. I also find that there is no likelihood of indirect confusion. As Arnold LJ explained in *Liverpool Gin Distillery Ltd v Sazerac Brands, LLC* [2021] EWCA Civ 1207 at [10]:

“...“indirect confusion”, is where the consumers do not mistake the sign for the trade mark, but believe that goods or services denoted by the sign come from the same undertaking as goods or services denoted by the trade mark or from an undertaking which is economically linked to the undertaking responsible for goods or services denoted by the trade mark.

...

13. As James Mellor QC sitting as the Appointed Person pointed out in *Cheeky Italian Ltd v Sutaria* (O/219/16) at [16] “a finding of a likelihood of indirect confusion is not a consolation prize for those who fail to establish a likelihood of direct confusion”. Mr Mellor went on to say that, if there is no likelihood of direct confusion, “one needs a reasonably special set of circumstances for a finding of a likelihood of indirect confusion”. I would prefer to say that there must be a proper basis for concluding that there is a likelihood of indirect confusion given that there is no likelihood of direct confusion.”²²

²² In *LA Sugar Ltd v Back Beat Inc*, Case BL O/375/10, Mr Iain Purvis QC, sitting as the Appointed Person, gave three examples of ways in which indirect confusion may be caused. These are not exhaustive examples, as confirmed at paragraph 12 of *Liverpool Gin*. See also the decision of Mr Phillip Johnson, sitting as the Appointed Person, in *Vinelight Holdings, LLC v Major League Baseball Properties, Inc*, Case BL O/0662/25, at paragraphs 16 to 19.

84. The presence of the 'y' instead of the 'l' in Grayn creates two different and unconnected words. Changing a dictionary word into an invented word is inconsistent, for example, with a brand extension because it substantially changes the distinctive character of the marks. The opponent has not addressed this type of confusion and I find that there is no proper basis to justify a finding of indirect confusion.

85. The section 5(2)(b) ground fails.

Section 5(4)(a)

86. Section 5(4)(a) states:

“(4) A trade mark shall not be registered if, or to the extent that, its use in the United Kingdom is liable to be prevented-

(a) by virtue of any rule of law (in particular, the law of passing off) protecting an unregistered trade mark or other sign used in the course of trade, where the condition in subsection (4A) is met,

(aa) [...]

(b) [...]

A person thus entitled to prevent the use of a trade mark is referred to in this Act as the proprietor of an “earlier right” in relation to the trade mark.”

87. Subsection (4A) of Section 5 states:

“(4A) The condition mentioned in subsection (4)(a) is that the rights to the unregistered trade mark or other sign were acquired prior to the date of application for registration of the trade mark or date of the priority claimed for that application.”

88. The three elements which the opponent must show are well known. In *Discount Outlet v Feel Good UK* [2017] EWHC 1400 (IPEC), Her Honour Judge Melissa Clarke,

sitting as a Deputy Judge of the High Court, conveniently summarised the essential requirements of the law of passing off as follows:

“55. The elements necessary to reach a finding of passing off are the ‘classical trinity’ of that tort as described by Lord Oliver in the *Jif Lemon* case (*Reckitt & Colman Product v Borden* [1990] 1 WLR 491 HL, [1990] RPC 341, HL), namely goodwill or reputation; misrepresentation leading to deception or a likelihood of deception; and damage resulting from the misrepresentation. The burden is on the Claimants to satisfy me of all three limbs.

56 In relation to deception, the court must assess whether “*a substantial number*” of the Claimants’ customers or potential customers are deceived, but it is not necessary to show that all or even most of them are deceived (per *Interflora Inc v Marks and Spencer Plc* [2012] EWCA Civ 1501, [2013] FSR 21).”

89. The concept of goodwill was explained in *Inland Revenue Commissioners v Muller & Co’s Margarine Ltd* [1901] AC 217, at 223:

“What is goodwill? It is a thing very easy to describe, very difficult to define. It is the benefit and advantage of the good name, reputation and connection of a business. It is the attractive force which brings in custom. It is the one thing which distinguishes an old-established business from a new business at its first start.”

90. The evidence shows that the opponent, at the relevant date, had a significant level of goodwill in its business associated with the sign GRAIN in relation to the pleaded services of installation of broadband infrastructure and provision of broadband services.

91. Although the average consumer test is not strictly the same as the ‘substantial number’ test, in the light of the Court of Appeal’s judgment in *Comic Enterprises Ltd v Twentieth Century Fox Film Corporation* [2016] EWCA Civ 41, it seems doubtful whether the difference between the legal tests will (all other factors being equal)

produce different outcomes. This is because they are both normative tests intended to exclude the particularly careless or careful, rather than quantitative assessments. In *Neutrogena Corporation and Another v Golden Limited and Another* [1996] RPC 473, Morritt LJ stated that:

“There is no dispute as to what the correct legal principle is. As stated by Lord Oliver of Aylmerton in *Reckitt & Colman Products Ltd. v. Borden Inc.* [1990] R.P.C. 341 at page 407 the question on the issue of deception or confusion is

“is it, on a balance of probabilities, likely that, if the appellants are not restrained as they have been, a substantial number of members of the public will be misled into purchasing the defendants' [product] in the belief that it is the respondents' [product]”.

92. The same analysis applies with regard to the similarity of the marks but the actual use of the mark is narrower than the specifications of the earlier mark. This ground does not put the opponent in a better position than the section 5(2)(b) ground of opposition. Section 5(4)(a) is concerned with misrepresentation causing the customers of the earlier sign to be deceived. I find that the opponent's section 5(4)(a) ground fails. A substantial number of the opponent's actual and potential customers would not believe that the opponent had expanded its business, distinguished by GRAIN, into 'accounting software relating to environmental sustainability' and 'environmental consultancy services relating to sustainability'. **The section 5(4)(a) ground fails.**

Overall outcome and next steps

93. The opposition succeeds under section 3(6) of the Act in relation to all the goods and services except for:

Class 9: 'accounting software relating to environmental sustainability';

Class 42: 'environmental consultancy services relating to sustainability'.

94. The holder will have 14 days from the date of this decision to indicate whether it agrees with the above suggested wording; or, alternatively, to put forward other wording which accurately reflects my findings under section 3(6) and does not widen the goods and services for which I have said the IR may be protected in the UK.

95. If the holder agrees with the above wording, I will then issue a short supplementary decision confirming the specification and setting the appeal period for both this decision and the supplementary decision. However, if the holder puts forward alternative wording, the opponent will have 14 days to make submissions about the amended wording, following which I will issue a short supplementary decision and set the appeal period for both this decision and the supplementary decision.

96. The holder should note that if it does not reply by the deadline, I will refuse the request for protection of the IR in the UK in full because I am unable, unilaterally, to reword its specification. It is for the holder to comply with the directions given if it wishes to retain the goods and services set out in paragraph 93.

Costs

97. The opponent has been almost wholly successful and is entitled to a contribution towards its costs. Costs are usually based upon the scale of costs published in Tribunal Practice Notice 1/2023. In its written submissions in lieu of a hearing, the opponent says:

“The opponent requests off the scale costs in its favour. The Applicant indicated a willingness to restrict its specification of goods in its Counterstatement dated 25 September 2023. However, it took no steps to do so and made no attempt to negotiate such a restriction with the Opponent. The Opponent has incurred significant costs in the Opposition matter since that date.”

98. The opponent’s evidence did not relate to the holder’s specifications, and its two sets of written submissions were not lengthy and did not analyse the similarity between

the parties' goods and services. It is therefore difficult to see how the opponent has incurred significant costs since the counterstatement was served. However, in its notice of opposition and statement of grounds, the opponent did do a rough analysis of the similarity of goods and services. This would have taken time given the length of the holder's specifications. I will therefore award costs at the top of the scale for this part of the proceedings and on-scale for the remainder. I have not offset the opponent's award to take into account the partial nature of its success because the extent to which the opposition failed was miniscule and cannot fairly be reflected by a reduction. The breakdown of the award of costs is as follows:

Statutory fee for form TM7	£200
Preparing the notice of opposition and considering the counterstatement	£750
Preparing evidence	£800
Written submissions in lieu of a hearing	£450
Total	£2200

99. I order Grayn AS to pay to Grain Connect Limited the sum of £2200. This sum is to be paid within twenty-one days of the expiry of the appeal period or within twenty-one days of the final determination of this case if any appeal against this decision is unsuccessful.

Dated this 11th day of August 2025

Judi Pike
For the Registrar

Annex

Software testing software; software; software reliability software; computer whiteboard software; software for satellite navigation systems; software programs for video games; software for tablet computers; image recognition software; software for televisions; software for mobile phones; teacher software; chemical engineering software; electrical engineering software; computer telephony software; privacy software; software for remote diagnostics; simulation software; software for debt recovery; proxy server software; print server software; mail server software; database server software; communications server software; application server software; media server software; file server software; fire detection software; building management software; logistics software; traffic management software; software for search engine optimisation; software for x-ray tomography; software for product development; software for arcade video game machines; information retrieval software; vehicle simulation software; video conference software; web application software; testing software; system support software; surveying software; risk detection software; retail software; reservation systems software; product engineering software; financial management software; server software; scheduling software; publishing software; production support software; office software; media streaming software; media development software; market prediction software; map software; machine learning software; machine control software; inventory software; intranet software; image management software; health monitoring software; environmental monitoring software; game development software; environmental control software; document automation software; development environment software; decision-making software; debugging software; day trading software; data mining software; data management software; dashboard software; content management software; content control software; content access software; conference software; business software; blog software; banking software; audio editing software; accounting software; hardware reliability software; extranet software; communications processing computer software; character recognition software; software for smartphones; database synchronization software; instant messaging software; gesture recognition software; business technology software; business intelligence software; parental control software; business management software; file sharing software; vehicle control software; video display software; cloud server software; motion control software; software for smart

contracts; software for greenhouse gas accounting; display management software; application software for robot; casino management software; scanning software; software for internet access; computer screen saver software; collaboration software platforms [software]; computer e-commerce software; email software; software for gps navigation systems; mesh network software; software for interactive television; 3d computer graphics software; server-side software; software for optical character recognition; virtual reality software; software for diagnostics and troubleshooting; community software; augmented reality software; computer application software for tv; software for mobile device management; master of education software; workflow software; software for network and device security; software for the processing of business transactions; science software; table representation software; computer software relating to financial history; control segment integration software; software for conducting general meetings; industrial automation software; intrusion detection system [ids] software; home automation software; virtual assistant software; web application and server software; printer spooler software; software for dynamic tomography apparatus; threat detection software; satellite imagery photo-interpretation software; hardware testing software; graphic art software; artificial intelligence software; workforce management software; software for the redirection of messages; computer software for use in computer access control; workflow management system software; supply chain management software; operational risk management software; big data management software; management information system [mis] software; microwave engineering design software; software for online messaging; application development software; e-payment software; unified communications software; civil engineering software; software for the analysis of business data; cloud computing software; software for electronic driving assistance systems; workout logging software; noise cancellation software; enterprise resource planning [erp] software; enterprise content management [ecm] software; application software to control lighting; on-premise management software; closed circuit tv [cctv] software; software for virtual reality cinema; software for operating an online shop; software for processing digital images; software and applications for mobile devices; geographic information system [gis] software; electronic article surveillance [eas] software; virtual and augmented reality software; software for generating virtual images; artificial intelligence and machine learning software; computer software for scanning images and documents; intelligent character recognition [icr] software;

optical mark recognition [omr] software; robotic process automation [rpa] software; customer relation management [crm] software; business process management [bpm] software; business performance management [bpm] software; digital solutions provider [dsp] software; product lifecycle management software; computer-aided engineering [cae] software; fire modeling and simulation software; fire mapping and analysis software; software for digital distributed storage; computer-aided design (cad) software; electronic game software for mobile phones; artificial intelligence software for healthcare; artificial intelligence software for surveillance; artificial intelligence software for analysis; artificial intelligence software for vehicles; augmented reality software for education; augmented reality software for simulation; virtual reality software for telecommunications; software for facilitating secure credit card transactions; bios software; plugin software; computer shareware; downloadable software; adaptive software; sensory software; electromechanical software; education software; industrial software; social software; revision control platforms [software]; embedded software; biometric software; interactive software; computer hardware and software; computer programs and software; e-commerce and e-payment software; software for arranging online transactions; software for ensuring the security of electronic mail; software for evaluating customer behaviour in online shops; computer software for interpreting fingerprints or palm prints; software for renting advertising space on websites; web content management [wcm] software; software for processing images, graphics and text; vehicle control assistance software; software to control building environment, access and security systems; software for dosimetry purposes in the field of radiotherapy; software for the control of stage lighting apparatus and instruments; virtual reality software for medical teaching; artificial intelligence software for driverless cars; software to control and improve audio equipment sound quality; software for automated business process discovery (abpd); communication, networking and social networking software; software for operating and managing integrated circuit components; software for pay per click optimisation; augmented reality software for creating maps; software for designing online advertising on websites; software for commerce over a global communications network; software related to handheld digital electronic devices; computer software for inter-network accounting in the telecommunications field; software downloadable from the internet; computer software to enable the provision of information via the internet; computer software to enable the provision of information via communications networks;

electronic game software for handheld electronic devices; augmented reality software for use in mobile devices; lighting control software for use in commercial and industrial facilities; computer software for creating searchable databases of information and data; software converters of natural language into machine executable commands; software for the planning, integration and optimization of smart city applications; software for the operational management of portable magnetic and electronic cards; software for processing images, graphics, audio, video and text; cad-cam software; desktop publishing software; cms software [content management system]; graphical user interface software; computer programs, downloadable; firmware; digital telephone platforms and software; children's educational software; software programmable microprocessors; downloadable instant messaging software; downloadable cloud computing software; downloadable computer utility software; computer hardware and software for database management; computer programs and software for image processing; software for searching and retrieving information across a computer network; software for monitoring, analysing, controlling and running physical world operations; software for monitoring, controlling and controlling processes in the physical world; software for embedding online advertising on websites; software for the integration of artificial intelligence and machine learning in the field of big data; optical barcode recognition [obr] software; magnetic data carriers bearing recorded software; firmware and software for electronic cigarettes; optical data carriers bearing recorded software; industrial controls incorporating software; virtual reality software for education; virtual reality software for simulation; computer games programmes for simulating financial securities trading [software]; personal computers incorporating dietary aid computer software; utility, security and cryptography software; recorded computer software for safe car driving; cartridges [software] for use with computers; data carriers for computers having software recorded thereon; cards encoded to access computer software; software for creating, facilitating, and managing remote access to and communication with local area networks and global networks; augmented reality software for use in mobile devices for integrating electronic data with real world environments; computer games programs recorded on tapes [software]; real-time collaborative editing [rtce] platforms [software]; computer programs and software for image processing used for mobile phones; downloadable software applications for use with three dimensional printers; computer programs and software for image processing used for cellular phones; downloadable software for

instant messaging and electronic mail services; programmed video games contained on cartridges [software]; interactive software based on artificial intelligence; bios [basic input/output system] software; upi [universal peripheral interface] software; computer games programmes downloaded via the internet [software]; pattern recognition systems composed of computer chips, computer hardware and software; computer hardware and software for setting up and configuring wide area networks; computer hardware and software for setting up and configuring local area networks; downloadable computer software for designing and modelling of three dimensional printable products; downloadable software for remotely accessing and controlling a computer; computer hardware and software for providing secure remote access to computer and communication networks; software suites; software development kit [sdk]; mechanical engineering software; collaboration management software platforms; predictive maintenance software; computer software, recorded; software platforms to allow users to collect money; computer software for computer aided software engineering; integrated software packages; computer hardware for use in computer-assisted software engineering; boxes adapted for storing computer software disks; intelligent gateways for software defined storage; middleware for management of software functions on electronic devices; integrated software packages for use in the automation of laboratories; electronic sports training simulators [computer hardware and software-based teaching apparatus]; compiler software; credit screening software; data compression software; computer search engine software; application software; decoder software; computer operating system software; computer software; privacy protection software; computer firewall software; bioinformatics software; document management software; communication software; games software; website development software; educational software; antivirus software; speech recognition software; facial recognition software; tax preparation software; voice recognition software; speech analytics software; media software; facial analysis software; file synchronization software; training software; security software; maintenance software; mobile software; editing software; telecommunications software; testware; computer gaming software; music-composition software; student software; music software; data communications software; video editing software; system software; reporting software; presentation software; payment software; optimisation software; networking software; navigation software; factory automation software; typeface font computer software; process controlling software; web server

software; reference software; enterprise software; cryptography software; animation software; software for card readers; antispyware software; diagramming software; betting software; assistive software; multimedia software; authentication software; manufacturing software; web site development software; computer operating system software; e-mail security software; computer video game software; internet access software; 3d animation software; interactive computer software; industrial process control software; communications servers [computer hardware]; embedded operating software; computer video game software; downloadable computer security software; virtual classroom software; virtual server software; smart manufacturing software; communication and networking software; media and publishing software; interactive video software; simulation software [training]; simulation software [entertainment]; video games on disc [computer software]; downloadable software applications; interactive game software; downloadable email software; downloadable game software; interactive database software; interactive business software; computer software, downloadable; electronic game software; downloadable computer game software; recorded computer game software; computer software for encryption; computer software for database management; computer software for business purposes; computer software for advertising; application software for mobile phones; computer software for mobile phones; application software for televisions; computer programmes for image processing; operating computer software for main frame computers; machine learning software for advertising; machine learning software for finance; machine learning software for healthcare; machine learning software for surveillance; search marketing software; machine learning software for analysis; data processing software for word processing; controlling software for computer printers; computer software for time control; application simulation software; computer software for recording sound; computer software for entertainment; computer application software; cloud network monitoring software; computer software for word processing; pdf creation and conversion software; computer software for data processing; electronic mail and messaging software; computer-aided manufacturing [cam] software; personal computer application software for document control systems; wan [wide area network] operating software; system and system support software, and firmware; wide area network [wan] operating software; computer software, firmware and hardware; virtual reality game software; computer software to automate data warehousing; computer software for application and database integration; interactive

multimedia software for playing games; computer software for wireless network communications; computer software for the creation of firewalls; application software for cloud computing services; application software for wireless devices; computer software for electronic bulletin boards; downloadable application software for smart phones; image processing software for in-vehicle cameras; computer software for the compilation of positioning data; computer software for the transmission of positioning data; computer software to operate vehicles; computer software for the processing of positioning data; computer software for the collection of positioning data; computer software for controlling amplifiers; computer software for the remote control of security apparatus; computer software for the control of lighting; lan [local area network] operating software; computer software for the dissemination of positioning data; data processing software for graphic representations; personal computer application software for managing document control systems; computer software for analysing market information; computer software for processing market information; computer software designed to estimate costs; third party search marketing software; augmented reality game software; computer programs for network management; application software for mobile devices; computer programs for using the internet and the worldwide web; computer programs for video and computer games; computer application software featuring games and gaming; computer software for instrument tuning; computer software for the monitoring of computer systems; interactive entertainment computer software for video games; computer software for arcade apparatus and games; communications software for connecting computer network users; electronic game software for cellular phones; games software for use with video game consoles; computer game software for use on mobile and cellular phones; computer software concerned with children's education; universal serial bus [usb] operating software; computer software for controlling and managing access server applications; computer software for use in programming facsimile machines; computer software for controlling self-service terminals; computer software for controlling the operation of audio and video devices; computer software for processing digital images; computer software for processing digital music files; computer software for wireless content delivery; downloadable computer software for remote monitoring and analysis; electronic game software for wireless devices; computer software for administration of local area networks; computer software to enable the searching of data; computer software for global positioning systems; communication software for connecting global

computer networks; communication software for connecting computer network users; computer software to enable retrieval of data; computer software for the remote control of telephone sets and radiotelephony sets; downloadable computer software for the management of information; downloadable computer software for the transmission of information; computer software for use in remote meter reading; computer software for audibly controlling a computer and the operation thereof; computer software for use in remote meter monitoring; computer software for generation of typefaces and fonts; computer software designed to estimate resource requirements; computer software for the display of digital media; computer software for producing financial models; simulation software for use in digital computers; computer software for communicating purposes between microcomputers; computer software for tracking driver behaviour; computer chatbot software for simulating conversations; computer software for system cleaning and optimization; computer software for use in processing semiconductor wafers; computer software to maintain and operate computer system; computer software for the remote control of office machines and equipment; computer software for the remote control of electric lighting apparatus; downloadable computer software for the management of data; downloadable computer software for the transmission of data; computer software for creating searchable databases; computer software for transmission of sound and video messages; computer programs and computer software for electronic trading of securities; communications software for connecting global computer networks; computer software for use as an application programming interface (api); add-on circuit boards for connecting computers to networking software; computer software for authorising access to data bases; computer application software for use with wearable computer devices; educational software featuring instructions for playing games; interactive entertainment software for use with computers; computer software downloaded from the internet; vpn [virtual private network] operating software; usb [universal serial bus] operating software; computer software in the field of electronic publishing; computer software downloadable from global computer information networks; computer software adapted for use in the operation of computers; computer game software for use on mobile devices; virtual private network [vpn] operating software; computer software for creating and editing music and sounds; downloadable interactive entertainment software for playing video games; downloadable interactive entertainment software for playing computer games; application software for social

networking services via internet; interactive computer software enabling exchange of information; computer software relating to the medical field; computer software for the detection of threats to computer networks; computer software for assisting in the design of sports equipment; computer software relating to the handling of financial transactions; interactive computer software that provides navigational and travel information; computer software for the administration of on-line games and gaming; data and image processing software for making three dimensional models; computer software for testing vulnerability in computers and computer networks; computer software to enable searching and retrieval of data; downloadable electronic game software for wireless devices; computer software for use in integrated circuit design; electronic game software for hand-held electronic devices; computer software to enable searching of data; computer software for use in automating and managing business processes; computer software for communicating with users of hand-held computers; computer software for converting document images into electronic formats; interactive entertainment software for use with personal computers; computer software to enable the transmission of photographs to mobile telephones; computer software for use in medical decision support systems; computer game software for use with on-line interactive games; downloadable computer software for use as an electronic wallet; computer software for facsimile, electronic mail, voice mail or internet messaging; multimedia software recorded on cd-rom; computer software to enhance the audio-visual capabilities of multimedia applications; computer software to enable browsing on global computer networks; computer software for global positioning systems [gps]; computer software for organizing and viewing digital images and photographs; computer software for use in creating and designing websites; computer software for monitoring the use of computers and the internet by children; computer software that permits games to be played; computer software for creating dynamic websites; computer application software for streaming audio-visual media content via the internet; computer software for data and document capture, transmission, storage and indexing; computer software for biometric systems for the identification and authentication of persons; computer software and telecommunications apparatus to enable connection to databases and the internet; computer game software downloadable from a global computer network; computer software for computer-aided design/computer-aided manufacturing [cad/cam]; computer application software for use in implementing the internet of things [iot]; computer video game software and

manuals in electronic format sold as a unit; computer game software and manuals in electronic format sold as a unit; computer software to enable the provision of electronic media via the internet; computer software to enable the provision of electronic media via communications networks; gaming software that generates or displays wager outcomes of gaming machines; computer software downloadable from global computer networks; computer software for use in providing multiple user access to a global computer information network; computer software for communication between computers over a local network; computer software for use in migrating between different computer network operating systems; computer communication software to allow customers to access bank account information and transact bank business; computer software for use in providing multiple user access to a global computer information network; computer communications software to allow customers to access bank account information and transact bank business; computer software and telecommunications apparatus, including modems, to enable connection to databases and the internet; computer software for synchronizing data between hand-held or portable computers and host computers; computer software for two or three-dimensional simulation for use in design and development of industrial products; downloadable computer game software via a global computer network and wireless devices; computer software that assists computers in deploying parallel applications and performing parallel computations; computer software for mobile applications that enable interaction and interface between vehicles and mobile devices; computer software for use in the field of telecommunications for providing electronic transmission of documents and facsimile transmission; computer software and telecommunications apparatus, including modems, to enable connection to databases, computer networks and the internet; computer e-commerce software to allow users to perform electronic business transactions via a global computer network; computer software for use on handheld mobile digital electronic devices and other consumer electronics; computer software for accessing information directories that may be downloaded from the global computer network; computer software and telecommunications apparatus, including modems, to enable connection to databases, computer networks, global computer networks and the internet; computer software for accessing information directories that may be downloaded from a global computer network; operating and user instructions stored in digital form for computers and computer software, in particular on floppy disks or cd-rom; computer software to

enhance the audio-visual capabilities of multimedia applications, namely, for the integration of text, audio, graphics, still images and moving pictures; computer software development tools; computer software packages; computer software platforms; collaborative software; computer software products; office suites [software]; computer software platforms for social networking; recorded computer software for safe vehicle driving; scientific apparatus; scientific apparatus and instruments; scientific specimen samplers for laboratory use; scientific research and laboratory apparatus, educational apparatus and simulators; scientific apparatus for determining the water content in petroleum products; scientific, optical, measuring, signalling and checking apparatus and instruments; diaphragms for scientific apparatus; prisms for scientific purposes; glass tubes for scientific purposes; imaging devices for scientific purposes; immunostaining instruments [for scientific purposes]; vials for scientific purposes; vacuum probes for scientific use; separation columns for scientific purposes; membranes for filtration [scientific]; spirometers for scientific use; models for scientific experiments in laboratories; glassware for scientific experiments in laboratories; dissecting instruments for scientific or research purposes; glassware for scientific use [specifically adapted]; heat exchange crucibles for scientific use; magnetic separators for scientific use; air-gas producers for scientific experiments in laboratories; nucleic acid sequencers for scientific purposes; anaerobic chambers for laboratory or scientific use; instruments for recording heart activity [for scientific purposes]; cases fitted with dissecting instruments for scientific or research purposes; scientific, nautical, surveying, photographic, cinematographic, optical, weighing, measuring, signalling, checking [supervision], life-saving and teaching apparatus and instruments; electronic and magnetic id cards for use in connection with payment for services; computer accelerator boards; data recorded electronically from the internet; computer hardware for remotely accessing and transmitting data; data recorded electronically; recorded data [magnetic]; apparatus for recording data; apparatus for the transmission of data; data protection backup units; apparatus for the reproduction of data; jewellery that communicates data; magnetic cards for carrying data; computer chipsets for use in transmitting data to and from a central processing unit; data compact discs; airborne data acquisition instruments; apparatus and instruments for reproducing of data; instruments for surveying physical data; intelligent gateways for data pre-processing; cards bearing electronically recorded data; wireless communication devices for voice, data, or image transmission; apparatus for

broadcasting sound, data or images; apparatus for the input, output, transmission and storage of data; smartwatches that communicate data to other electronic devices; central processing units for processing information, data, sound or images; apparatus for recording, transmission or reproduction of sound, images and data; electronic apparatus for wireless reception, storage and transmission of data and messages; apparatus and instruments for recording, transmission or reproduction of sound, data or images; apparatus for recording, transmission, processing and reproduction of sound, images or data; apparatus for broadcasting, recording, transmission or reproduction of sound, data or images; apparatus for recording, transmission, reception, processing or reproduction of sound, images or data; answering machines; automatic cash sorting and counting machines; automatic ion-exchange chromatography apparatus for laboratory use; access control units (automatic -); computer applications for automated car parking control; apparatus for automatic chromatography; access security apparatus (automatic -); sprinkler apparatus [automatic] for fire extinguishing; self-acting focussing projectors; automatic vehicle speed control apparatus; valves (remote controls for automatically operating -); computer applications for car automatic driving control; car automatic driving control devices; valves (electronic controls for automatically operating -); usb web keys for automatically launching pre-programmed website urls; automatic switchboards; automatic telegraph apparatus; automatic telephone dialers; fire engines; automatic solar tracking sensors; automatic transfer switches; automatic ticket dispensing machines; automatic telephone exchange apparatus; automatic dosage apparatus; automatic dialling apparatus; access control systems (automatic -); automated ticket printing apparatus; automated drone detection systems; automatic fire extinguishing apparatus; automatic control apparatus; automatic vacuum control apparatus; automatic altitude indicators; automatic cash registers; automatic measuring instruments; automatic telephone exchanges; automatic disc changers; static grounding systems and apparatus; automatic paying-in and deposit machines; steering apparatus, automatic, for vehicles; automatic chromatography apparatus for laboratory use; vehicle automatic driving control devices; access control installations (automatic -); automatic switching apparatus [for telecommunication]; automated car parking control devices; automatic ion exchange chromatography apparatus for laboratory use; automatic indicators of low pressure in tyres; automatic indicators of low pressure in vehicle tyres; time switches, automatic; timers for automatic apparatus;

computer applications for automatic vehicle driving control; electronic circuits and cd-roms recorded with automatic performance programs for electronic musical instruments; spelling verifiers; storage apparatus for computer programs; training manuals in the form of a computer program; computer programs, recorded; computer applications for automotive control; computer programmes for data processing; computer programs for project management; computer software programs for spreadsheet management; computer programs for printing; computer programs for document management; computer programs for user interface design; computer software platforms, recorded or downloadable; computer applications for automated vehicle parking control; computer applications for vehicle navigation apparatus; computer programs to operate vehicles; computer programmes for use in telecommunications; computer programmes relating to local area networks; computer programs for pre-recorded games; interactive multimedia game programs; computer programs for using the internet and the world wide web; computer programmes stored in digital form; computer programs used for electronic cash register systems; computer programs for processing digital music files; computer programmes relating to financial matters; computer applications for car audio video navigation; computer programs for the enabling of access or entrance control; computer programs for accessing and using the internet; computer programs for enabling access or entrance control; computer programs for connecting remotely to computers or computer networks; computer programs for editing images, sound and video; computer programs for use in the autonomous navigation of vehicles; computer programs for use in autonomous control of vehicles; computer software to enable teleconferencing, videoconferencing and videophone services; computer programs for use in trading stocks and bonds; computer programs in machine readable form for use in database management; computer programs for providing an all-around view for a vehicle; computer programs for producing graphics for promotional purposes; computer programs for connecting to remote computers and computer networks; computer programs for searching remotely for content on computers and computer networks; computer programmes for interactive television and for interactive games and/or quizzes; computer programs for accessing, browsing and searching online databases; computer programs for searching the contents of computers and computer networks by remote control; monitors [computer programs]; downloadable computer programs; machine readable computer programs for use in the reproduction of music; video games [computer

games] in the form of computer programs recorded on data carriers; network access server operating software; interactive multimedia computer programs; transmitters for emitting distress signals; sextants; zenith telescopes; cement testing machines; selfie sticks [hand-held monopods]; selfie lenses; transmitter receivers; sensor controllers; sensor switches; transmitting tubes; transmitter simulators; transmitters; sensors; central alarms; luminous safety beacons; coolant-temperature sensors; computer serial ports; transmitting sets [telecommunication]; timing sensors; lithium secondary batteries; motor vehicle power locks; servers for web hosting; centrifuge separators for laboratory use; central door locking apparatus; separating apparatus for laboratory use; self-timers [for cameras]; transmitting apparatus for radio broadcasting; sensors for engines; telecommunications switchboards; separation columns for weighing purposes; seismographic apparatus; privacy protection sensors; sensors and detectors; seismic detectors; computer central processing units; series of musical sound recordings; sensors for measuring instruments; servers for home automation; self-timers [for cameras]; transmitters of electronic signals; sensors for determining position; sensors for determining velocity; transmitting and receiving apparatus for radio broadcasting; selfie sticks used as smartphone accessories; transmitting and receiving apparatus for long-distance transmission; object detecting sensors; sensors for measuring speed; sensors used in plant control; self-adhesive labels [encoded]; sensors used in oceanography; transmitting apparatus for television broadcasting; sensors for use in the control of engines; sensors used in meteorology; transmitters for use in emergency communications; security tapes (adhesive -) [magnetic]; self-synchronizing digital encryptors; sensors for use with machine tools; self-adhesive labels [magnetic]; invader sensors; sensors, detectors and monitoring instruments; luminous beacons for safety or warning purposes; transmitting and receiving apparatus for television broadcasting; display serial interfaces [dsi]; transmitters for the transmission of electric signals; sensors for monitoring physical movements; window opening and closing detecting sensors; door opening and closing detecting sensors; internet of things [iot] sensors; sensors [measurement apparatus], other than for medical use; wireless transmitters; wireless transmitters and receivers; digital transmitters; piezoelectric sensors; optical transmitters; optical sensors; fm transmitters; radio receivers and transmitters; gps transmitters; photoelectric sensors; electric sensors; dummy sensors; colour image setters; electro-optical sensors; selenium voltage surge protectors; electronic sensors; optical fibre sensors; central

processing unit boards; on-off sensors; programming units for central heating systems; magnetic sensors; digital sensors; navigating apparatus [sextants]; portable transmitters; seat controls; switchboard indicating lamps; electrical transmitters; infrared sensors; radio receiving and transmitting apparatus; cable television transmitters; central processing unit [cpu] fans; central processing unit [cpu] clocks; central processing unit coolers; thermal sensors [thermostats]; oil-water level sensors; pyroelectric infrared sensors; point-to-point transmitters; radio wave transmitting aerials; cameras for self-developing film; motion-picture cameras for self-developing film; digital sensory devices; electronic sensors for measuring solar radiation; laboratory devices for detecting genetic sequences; usb cables; apparatus for transmitting radio programs and radio relay messages; universal serial bus [usb] hardware; environmental test chamber (temperature simulation equipment); computer screen saver software, recorded or downloadable; interactive entertainment software; computer game software, downloadable; storage apparatus for computer data; apparatus and instruments for transferring, receiving and storing sound, images and data, both in digital and analog form; computer hardware for the collection of positioning data; computer hardware for the processing of positioning data; computer hardware for the dissemination of positioning data; computer hardware for the compilation of positioning data; computer hardware for the transmission of positioning data; lan [local area network] computer cards for connecting portable computer devices to computer networks; computer networking and data communications equipment; computers and computer hardware; data processing apparatus and computers; computer utility programs for data compression; computer utility programs [program performs computer maintenance work]; computers for use in data management; data processing programs recorded on machine-readable data carriers; computer chips; computer network adapters; computer network hubs; data storage devices; data processors; data processing systems; computer graphics software; computer servers; computer network routers; computer networking hardware; data terminals; data buffers; computer operating systems; data processing programs; computer systems; computer game discs; computer screens; computers; computer network bridges; computer network switches; computer operating programs; data processing apparatus; data processing equipment; computer chipsets; computer monitor frames; computer game cassettes; data gloves; computer keypads; data loggers; chip coils; computer game cartridges; computer game software, recorded;

computer cabling; computer stylus; computer mouses; computer motherboards; data synchronization cables; data communications apparatus; data exit terminals; computer accelerator board; data cartridges; data storage media; data entry terminals; computer modems; data networks; computer card adapter; data collection apparatus; data switches; database engines; data storage discs; computer plotters; data transmission cables; computer tapes; computer buses; databases; data transmission networks; computer modules; data communications receivers; data exchange units; computer housings; computer whiteboards; data retrieving devices; computer keyboard controllers; computer diskettes; computer cables; computer touch screens; data storage apparatus; computer utility programs; computer chassis; computer apparatus; computer screen filters; computer network servers; computer firmware; chip card readers; chip cards; computer game tapes; computer plug-in cards; computer hardware; computer component testing and calibrating equipment; data storage devices and media; data loggers and recorders; computer components and parts; data communication apparatus and instruments; computer hardware and firmware; computer peripherals and accessories; computer motherboards and daughterboards; computer workstations [hardware]; computer hardware for telecommunications; computer utility programs for file management; computer apparatus for remote meter reading; computer hardware for games and gaming; network access server hardware; real-time data processing apparatus; computer terminals for banking purposes; multiprocessor chips; computer hardware for the control of lighting; automobile data recorder; computer network-attached storage [nas] hardware; computer documentation in electronic form; wristband computer devices; computer network hubs, switches and routers; computers for autonomous-driving vehicles; computers for managing control devices for aircraft; computer systems for automated vehicle control; computer hardware for signal processing of audio and video; virtual reality hardware; augmented reality computer hardware; local area network [lan] computer cards; computers for use with bicycles; data processing equipment and accessories (electrical and mechanical); underwater dive computers; computerized vehicle engine analyzers; computer hardware for tracking driver behaviour; computer game programs downloadable via the internet; data carriers containing stored typographic typefaces; computer hardware for routing audio, video, and digital signals; computers and instructional manuals in electronic format sold as a unit; computer hardware modules for use in electronic devices using the internet of

things [iot]; peripheral equipment for computers and data processing equipment; cash registers, calculating machines, data processing equipment, computers; prerecorded data carriers for use with computers; electronic databases recorded on computer media; digital music downloadable provided from a computer database or the internet; encoded electronic chip cards for identifying particular users of computers and cellular phones; readers [data processing equipment]; monitors [computer hardware]; couplers [data processing equipment]; downloadable computer game programs; mobile data receivers; wearable computers; recorded computer game programs; scanners [data processing equipment]; mouse [computer peripheral]; optical data media; magnetic data media; wireless computer mice; wireless computer peripherals; trackballs [computer peripherals]; downloadable computer graphics; microchips [computer hardware]; portable computers; interactive computer game programs; event recorders; downloadable computer games; palmtop computers; computer touchscreens; electronic data carriers; interactive computer systems; work stations [computer apparatus]; synchronous data units; optical data links; interactive data transfer apparatus; optical data storage drives; mobile data apparatus; machine readable data carriers; computer swivelling stands; electronic data processing equipment; mobile data communications apparatus; work stations [computers]; databases (electronic); microcircuit data carriers; recorded data files; interactive databases; wearable computer peripherals; memory cards [computer hardware]; buffer memory devices [computer hardware]; desktop computers; computer memory devices; computer keyboards; speakers for computers; computer parallel ports; input devices for computers; disk drives for computers; interfaces for computers; juke boxes for computers; interface cards for data processing apparatus; print heads for computer printers; anti-glare filters for computer monitors; protective films adapted for computer screens; filter screens for computer screens; computer daughterboards; computer fax modem cards; clock generators for computers; cases for data storage devices; document printers for computers; computer interface boards; touchpads for computers; covers for data storage devices; computer heat sinks; data bus interface units; computer graphics boards; add-on-cards for computers; computer circuit boards; computer interface apparatus; computer memory hardware; programs for computers; computer controllers; stands for computer equipment; data processing terminals; computer joysticks; data communications hardware; network dialers; memories for data processing equipment; computer docking station; educational

computer applications; components for computers; computer sub-assemblies; data switching apparatus; programming units (computer -); dust covers for computers; computing visual display units; covers for computer keyboards; computer games of chance; fax modem cards for computers; computer graphics cards; hard disks for computers; hard disks for computers; expansion boards for computers; all-in-one computers; encoded electronic chip cards; blank magnetic data carriers; magnetic data carriers, recording discs; notebook computers; prerecorded magnetic data carriers; thin client computers; computer network-attached storage [NAS] hardware; mounting brackets adapted for computers; mounting brackets adapted for computer monitors; blank electronic chip cards; cases adapted for computers; cd drives for computers; compact disc drives for computers; magnetic and optical data carriers; electronic components for computers; wrist rests for computer mouse users; laptop docking stations; blank hard disks for computers; unfilled ink cartridges for computer printers; cooling pads for wireless computers; downloadable computer utility programs; portable hard disk drives for computers; screen filters for computers and televisions; peripheral devices for data reproduction; mounting racks for computer hardware; utility programs for performing computer system diagnostics; downloadable screen savers for computers; covers (shaped -) for computers; jackets for computer disks; computer digital maps; battery chargers for laptop computers; carrying cases for mobile computers; flexible flat panel displays for computers; anti-glare filters for televisions and computer monitors; downloadable mobile applications for the management of data; downloadable mobile applications for the transmission of data; computer disk drives and drivers; heat sinks for use in computers; carrying cases adapted for computers; blank discs for computers; blank floppy disks for computers; dust covers for computers; ink cartridges, unfilled, for computer printers; headsets for use with computers; printers for use with computers; arm rests for use with computers; memory devices for use with data processing apparatus; coolers for processors for data processing apparatus; firmware for computer peripherals; wrist rests for computer keyboards; typeface fonts recorded on magnetic media; cases adapted for netbook computers; carrying cases specially adapted for computer printers; computer operating programs, recorded; machine-readable data carriers recorded with programs; magnetically encoded cards for carrying data; cases adapted for notebook computers; downloadable wallpapers for computers and phones; internal cooling fans for computers; cabinets adapted to hold computers; compact disc players for use with

computers; intelligent gateways for real-time data analysis; computer peripheral devices; display screen filters adapted for use with computer monitors; cleaning apparatus for magnetic or optical data media; virtual private network [vpn] hardware; blank electronic chip cards [blank smart cards]; interface cards for data processing equipment in the form of printed circuits; electronic chips for the manufacture of integrated circuits; apparatus for processing, transmitting and storing database information; drawing apparatus and instruments adapted for use with computers; downloadable mobile applications for use with wearable computer devices; electronic publications recorded on computer media; wireless remote controls for portable electronic devices and computers; electronic publications [downloadable] provided from databases or the internet; electronic publications [downloadable] provided on-line from databases or the internet; interactive casino games provided through a computer or mobile platform; ring tones, graphics and music downloadable via a global computer network and wireless devices; time data generators; communications computers; supercomputers; minicomputers; multifunction computer keyboards; microcomputer apparatus; computer terminals for data display; computer database servers; process computers; quantum computers; superminicomputers; interactive multimedia computer game programs; car navigation computers; add-in cards for micro computers; pocket computers for note-taking; lan [local area network] access points for connecting network computer users; utility software; system on a chip [soc]; portable emergency intercoms; on board electronic systems for providing driving assistance; on board electronic systems for providing parking assistance; instruments for the reduction of noise in systems for recording audio signals; on-board electronic systems in land vehicles for providing driving assistance; integrated electronic hazard and collision avoidance systems for automobiles; on board electronic systems for assisting in maintaining or changing lanes when driving; wireless controllers to remotely monitor and control the function and status of other electrical, electronic, and mechanical devices or systems; satellite navigational system for bicycles; smart manufacturing system controls; electronic toll collection [etc] systems; ducting for electric cables; mobile telephone apparatus with built-in facsimile systems; electronic access control system for buildings; telephones with built-in intercom system; global positioning system [gps] apparatus; electronic access control systems for interlocking doors; integrated electronic hazard alert systems for automobiles; security alarm systems [other than for vehicles]; laser measuring systems; operating system

programs; loudspeaker systems; fire-extinguishing systems; network operating system programs; video surveillance systems; video imaging systems; vehicle tracking systems; traffic sign recognition systems; home cinema systems; radar systems; alarm systems; operating systems; alarm monitoring systems; drone detection systems; videoconferencing systems; voice processing systems; surround sound systems; dvd micro systems; satellite navigation systems; biometric identification systems; biometric access control systems; biometric voice recognition systems; electronic navigation systems; electronic control systems; access control systems (electric -); building management system [bms]; in car entertainment [ice] systems; local mobile telephone systems; point of sale [pos] systems; access control and alarm monitoring systems; electronic global positioning systems; operating system programs for smartphones; operating system programs for smart television; vehicle speed control systems; multi-camera systems for vehicles; remote controls for multimedia systems; guidance systems for missiles; two-way wireless communication systems; home automation systems; indoor positioning systems [ips]; helmet communications systems; electronic point of sale [epos] systems; on board electronic systems for automatic braking; driver assistance systems for motor vehicles; multimedia navigation systems for vehicles; vehicle navigation systems featuring interactive displays; autonomous driving control systems for vehicles; cryomonitors; electronic driver display systems for vehicles; hardware for electronic driving assistance systems; vehicle autonomous driving systems featuring interactive displays; integrated electronic safety systems for land vehicles; electronic audio/video signal distribution systems; integrated electronic driver assistance systems for land vehicles; electrical and electronic temperature controlling apparatus for use in vehicle heating systems; simulators for training operators in weapons systems control; in-car audiovisual entertainment systems; global positioning systems for use with bicycles; multispectral fluorescence imaging system [mfis] for scientific use; speaker systems consisting of loudspeakers and cabinets for use with loudspeakers; wireless controllers to remotely monitor and control the function and status of security systems; downloadable digital music; downloadable graphics for mobile phones; downloadable graphics for mobiles; downloadable information relating to games and gaming; downloadable software in the nature of a mobile application for food delivery and ordering; downloadable digital music provided from mp3 internet web sites; downloadable software in the nature of a mobile application for dark kitchen delivery

and ordering; digital music downloadable from the internet; downloadable children' s book series; downloadable musical sound recordings; downloadable movies; downloadable image files; downloadable podcasts; downloadable music files; downloadable video recordings; downloadable printing fonts; downloadable educational course materials; downloadable mobile coupons; downloadable publications; downloadable media; downloadable multimedia files; downloadable postcards; downloadable educational media; downloadable video game programs; downloadable sound recordings; downloadable mobile applications for the management of information; downloadable mobile applications for the transmission of information; downloadable mobile applications for booking taxis; downloadable ring tones and graphics for cellular phones; downloadable electronic publications in the nature of magazines; downloadable electronic books in the field of golf instruction; printing fonts that can be downloaded provided by means of electronic transmission; downloadable templates for designing audiovisual presentations; downloadable cryptographic keys for receiving and spending cryptocurrency; electronic publications, downloadable, relating to games and gaming; downloadable applications for use with mobile devices; downloadable electronic greeting cards for sending by regular mail; downloadable electronic publications in the nature of magazines in the field of video games; computer software applications, downloadable; telephone ring tones [downloadable]; electronic publications, downloadable; electronic sheet music, downloadable; electronic downloadable publications in the field of video games; nonintrusive appliance load monitoring [nialm] apparatus; application processors; sports betting applications; information retrieval applications; application-specific integrated circuits; machine-to-machine [m2m] applications; small scale electronic and mechanical devices containing carbon nanotubes; mobile apps; workflow applications; office and business applications; mobile applications for booking taxis; telemetry devices for engine applications; educational tablet applications; educational mobile applications; access interfaces for managed private circuit networks; video cameras for analyzing golf swing; instruments for analysing photographs; acidity analysers; fine dust analyzing apparatus; apparatus for measuring, monitoring and analyzing electricity consumption; devices for analyzing protein sequence used as laboratory apparatus; research laboratory analyzers for measuring, testing and analyzing blood and other bodily fluids; air analysis apparatus; gas testing instruments; analysis instruments for photogrammetric purposes; testing apparatus not for medical

purposes; microarray slides; skin moisture analyzers, not for medical purposes; apparatus for analysing gases; scales with body mass analysers; surveying chains; spectacle chains; quantitative polymerase chain reaction [pcr] instruments for scientific use; real-time polymerase chain reaction [pcr] instruments for scientific use; humanoid robots with artificial intelligence for use in scientific research; teaching apparatus with artificial intelligence; humanoid robots with artificial intelligence; industrial automation controls; home automation devices; accounting machines; internet servers; internet phones; carbon monoxide detectors; carbon dioxide detectors; electronic carbon dioxide monitors [other than for medical purposes]; electronic carbon dioxide recorders [other than for medical purposes].

Class 35

Provide consumer product information about software; providing consumer product advice relating to software; business planning consultancy; business marketing consultancy; business organization consultancy; advice relating to barter trade; market research consultancy; consultancy regarding advertising communication strategies; consultancy relating to business document management; advice relating to marketing management; consultancy relating to auditing; personnel recruitment consultancy; consultancy relating to personnel recruitment; advisory services relating to market research; consulting in sales techniques and sales programmes; business efficiency advice; consultancy relating to advertising; career planning consultancy; job placement consultancy; direct marketing consulting; corporate image development consultation; personnel placement consultancy; consultancy relating to business acquisitions; advice relating to tax preparation; advisory services relating to business organization; marketing consulting; consultations relating to business advertising; acquisitions (advice relating to -); business research consulting; consultancy relating to tax accounting; business management advice and assistance; business management and organization consultancy; consultancy regarding public relations communication strategies; provision of advice relating to the recruitment of graduates; business organization and operation consultancy; recruitment consultancy for legal secretaries; consultancy regarding business organisation and business economics; business management advice relating to manufacturing business; business management and enterprise organization consultancy; advice relating to the business management of fitness clubs; advice relating to the business operation of health clubs;

risk management consultancy [business]; consulting and information concerning accounting; consultancy relating to management selection; business planning and business continuity consulting; consultancy relating to search engine optimisation; advice relating to the organisation and management of business; recruitment consultancy for lawyers; consultancy relating to the selection of personnel; consultations relating to business promotion; advice relating to the sale of businesses; advising commercial enterprises in the conduct of their business; advising industrial enterprises in the conduct of their business; advice in the running of establishments as franchises; consultancy relating to demographics for marketing purposes; business relocation consulting; business appraisal consultancy; advice relating to the business management of health clubs; public relations consultancy; business research and advisory services; advisory services and information in business organization and management; advice and information concerning commercial business management; advice concerning chemical product marketing; consultancy relating to the organisation of promotional campaigns for business; consultancy relating to the establishment and running of businesses; providing advice relating to the analysis of consumer buying habits; providing advice relating to the organisation and management of businesses; consultancy regarding the organization or managing of a trade company; business management consultancy, also via the internet; business organization and management consultancy including personnel management; business process management and consultancy relating thereto; professional consultancy relating to personnel management; business management consultancy and advisory services; foreign trade information and consultation; professional consultancy relating to marketing; business organisation and management consultancy in the field of personnel management; providing advice relating to sales methods and techniques; assistance and consultancy relating to business management and organisation; advice on the analysis of consumer buying habits and needs provided with the help of sensory, quality and quantity-related data; advertising, marketing and promotional consultancy, advisory and assistance services; company management, including consultancy in demographic matters; assistance and advice regarding business organisation and management; providing advice relating to the marketing of chemical products; provision of information and advice to consumers regarding the selection of products and items to be purchased; press advertising consultancy; advisory services for business management; payroll advisory services;

advisory services relating to personnel placement; advisory services relating to data processing; advisory services relating to business planning; foreign trade consultancy services; consultancy services regarding business strategies; advisory services relating to sales promotion; business accounting advisory services; advisory services relating to business analysis; sponsorship search consultancy services; career placement consulting services; advisory services relating to the operation of franchises; consultancy and advisory services relating to business management; advisory services relating to the corporate structure of businesses; consultancy and information services relating to accounting; advisory services relating to commercial transactions; advisory services relating to electronic data processing; advisory services relating to promotional activities; advisory services relating to business management and business operations; advisory services relating to publicity for franchisees; consulting services in the field of internet marketing; consultancy services relating to advertising, publicity and marketing; advisory services (business -) relating to the management of businesses; business management advisory services relating to commercial enterprises; advisory services (business -) relating to the establishment of franchises; advisory services (business -) relating to the exploitation of inventions; consultancy relating to advertising and promotion services; sponsorship search consultancy services; consultancy and advisory services relating to personnel recruitment; consultancy services relating to the procurement of goods and services; business consultancy and advisory services; business management and consultancy services; tax preparation and consulting services; employment counselling and consultancy services; consultancy and advisory services in the field of business strategy; assistance, advisory services and consultancy with regard to business planning; assistance, advisory services and consultancy with regard to business management; assistance, advisory services and consultancy with regard to business organization; advisory and consultancy services relating to import-export agencies; provide information and consulting services related to e-commerce; commercial information and advice services for consumers in the field of beauty products; commercial information and advice services for consumers in the field of make-up products; commercial information and advice services for consumers in the field of cosmetic products; advisory and consultancy services relating to the procurement of goods for others; business intermediary and advisory services in the field of selling products and rendering services; consultancy and advisory services relating to

personnel placement, recruitment and management; corporate management consultancy; human resources consultancy; business consulting; business organisation advice; marketing advice; marketing consulting; business recruitment consultancy; management advice; employment counselling; personnel management and employment consultancy; taxation [accountancy] consultation; tax return advisory [accountancy] services; providing consumer product advice; business consulting and consulting; business consultancy to firms; business consultancy to individuals; business risk management consultancy; business advice relating to marketing; business advice relating to franchising; business management advisory services relating to franchising; business management consultancy via the internet; business consulting related sandwich bar operation; business advice relating to accounting; business advice relating to disposals; organisational consultancy regarding customer loyalty programmes; business management consultancy in the field of corporate travel; business advice relating to advertising; business advisory services relating to product development; business advice relating to growth financing; business advisory services relating to the running of restaurants; business consultancy services relating to manufacturing; provision of marketing advisory services for manufacturers; business advisory services relating to product manufacturing; accountancy advice relating to taxation; accountancy advice relating to tax preparation; business advice relating to restaurant franchising; providing consumer product advice relating to cosmetics; business advice relating to strategic marketing; business consulting services in the agriculture field; business consultancy relating to the administration of information technology; management advice relating to the placing of staff; business consultancy, in the field of transport and delivery; business consulting and management relating to marketing activities; business advice relating to financial re-organisation; management advice relating to the recruitment of staff; business management consultancy in the field of executive and leadership development; business consultancy services relating to disaster planning and recovery; business management consultancy in the field of transport and delivery services; business organization and management consultancy in the field of personnel management; business advisory services relating to the setting up of sandwich bars; business advisory services relating to the setting up of restaurants; business consultancy services relating to the supply of quality management systems; business advisory services relating to business liquidations; business advice and consultancy relating to

franchising; providing consumer product advice relating to laptops; industrial management consultation including cost/yield analyses; business advice relating to marketing management consultations; professional business consultation relating to the setting up of businesses; commercial information and advice for consumers [consumer advice shop]; business consulting and management regarding the launch of new products; advisory services (business -) relating to the management of public sector businesses; business consulting services; business consulting and information services; business consultancy services relating to data processing; business advisory services relating to company performance; management advisory services related to franchising; business consultancy services relating to insolvency; employment consultancy services relating to data processing personnel; business consultancy services in the field of agriculture; advisory services (business -) relating to the operation of franchises; consultations relating to business disposals; business consultancy services relating to management of fund raising campaigns; business advisory services relating to the establishment of motor dealership; business advisory services relating to franchising of a motor dealership; business advisory services relating to the selection of computers; business consultancy services relating to the promotion of fund raising campaigns; business advisory services relating to the use of computers; business advisory services provided to determine pay and grading structures; business advisory services relating to the establishment and operation of franchises; business advisory services to determine pay and grading structures by job evaluation; market intelligence services; publicity and sales promotion services; outsourcing services [business assistance]; presentation of goods and services; marketing and promotional services; administering pharmacy reimbursement programs and services; administrative services relating to customs clearance; administrative services relating to dental health insurance; administering medication reimbursement programs and services; administrative services for medical referrals; administrative services for the relocation of businesses; purchasing of goods and services for other businesses; advertising particularly services for the promotion of goods; administrative services relating to the relocation of personnel; administrative services relating to credit card registration; administrative services relating to the referral of patients; providing consumer information relating to goods and services; administrative services relating to warranty claims processing; online retail services relating to jewelry; online retail services relating to handbags; online retail services

relating to toys; online retail services relating to clothing; online retail services relating to cosmetics; advisory services relating to business organisation and management; providing transportation documentation for others [administrative services]; administrative services relating to hospital referrals; administrative services relating to referrals for insurance agents; administrative services relating to referrals for general building contractors; administrative services relating to employee stock plans; arranging of contracts, for others, for the provision of services; publicity, promotional and marketing services relating to vehicles; arranging of contracts, for others, for the providing of services; processing telephone inquiries regarding advertised goods and services; promotion of goods and services through sponsorship of sports events; advisory services for preparing and carrying out commercial transactions; promoting the goods and services of others by means of a preferred customer program; promoting the goods and services of others through discount card programs; business administration services for the processing of sales made on the internet; administrative services relating to the referral of clients to lawyers; promoting the goods and services of others by arranging for sponsors to affiliate their goods and services with sports competitions; promoting the goods and services of others by arranging for sponsors to affiliate their goods and services with sporting activities; promoting the goods and services of others by arranging for sponsors to affiliate their goods and services with awards programs; procurement of contracts for the purchase and sale of goods and services; presentation of companies and their goods and services on the internet; provision of space on web-sites for advertising goods and services; promotion of goods and services through sponsorship of international sports events; promoting the sale of goods and services of others through promotional events; providing space on websites for advertising goods and services; arranging of contracts, for others, for the purchase and sale of goods and services; administration of incentive award programs to promote the sale of the goods and services of others; promoting the goods and services of others by means of a loyalty rewards card scheme; promoting the goods and services of others via a global computer network; promoting the goods and services of others through the distribution of discount cards; arranging of contracts for the purchase and sale of goods and services, for others; promoting the goods and services of others through advertisements on internet websites; providing academic course administration services for academic institutions; providing academic course administration services relating to on-line course registration; provision of an online

marketplace for buyers and sellers of goods and services; administrative processing of purchase orders within the framework of services provided by mail-order companies; promoting the sale of the services [on behalf of others] by arranging advertisements; promoting the sale of goods and services of others by awarding purchase points for credit card use; promoting the sale of goods and services of others through the distribution of printed material and promotional contests; providing a searchable online advertising guide featuring the goods and services of other on-line vendors on the internet; demonstration of goods and services by electronic means, also for the benefit of the so-called teleshopping and homeshopping services; promoting the goods and services of others through the administration of sales and promotional incentive schemes involving trading stamps; advertising, including promotion of products and services of third parties through sponsoring arrangements and licence agreements relating to international sports' events; administration of a discount program for enabling participants to obtain discounts on goods and services through use of a discount membership card; advertising of the services of other vendors, enabling customers to conveniently view and compare the services of those vendors; organisation for a third party of telephone welcoming services and of telephone receptionist services; photocopying services; sponsorship search; market assessment services; price comparison services; word processing; brand evaluation services; marketing agency services; secretarial services; telemarketing services; business efficiency expert services; commercial intermediation services; purchasing agency services; personnel placement; advertising research; media buying services; brand strategy services; gift registry services; media relations services; corporate communications services; personnel agency services relating to the electronics industry; provision of information concerning commercial sales; telephone answering for unavailable subscribers; modelling for advertising or sales promotion; consultancy relating to business strategy; administration of prepaid health care plans; administrative support and data processing services; billing services in the field of energy; business analysis and information services, and market research; research services relating to advertising; commercial information services, via the internet; data processing services in the field of healthcare; data processing services in the field of payroll; marketing services in the field of dentistry; data processing services in the field of transportation; marketing services in the field of restaurants; marketing services in the field of travel; outsourcing services in the field of business operations; outsourcing

services in the field of business analytics; health care cost management; trade show and commercial exhibition services; intermediary services relating to advertising; providing assistance in the field of business management; retail services in relation to computer hardware; wholesale services in relation to computer hardware; wholesale services in relation to cocoa; wholesale services in relation to coffee; wholesale services in relation to frozen yogurts; wholesale services in relation to confectionery; wholesale services in relation to desserts; wholesale services in relation to games; wholesale services in relation to festive decorations; wholesale services in relation to sporting equipment; wholesale services in relation to wall coverings; wholesale services in relation to sewing articles; wholesale services in relation to floor coverings; wholesale services in relation to threads; wholesale services in relation to cookware; wholesale services in relation to tableware; wholesale services in relation to furnishings; wholesale services in relation to saddlery; wholesale services in relation to bags; wholesale services in relation to umbrellas; wholesale services in relation to educational supplies; wholesale services in relation to stationery supplies; wholesale services in relation to art materials; wholesale services in relation to works of art; wholesale services in relation to weapons; wholesale services in relation to freezing equipment; wholesale services in relation to refrigerating equipment; wholesale services in relation to cooling equipment; wholesale services in relation to heating equipment; wholesale services in relation to lighting; wholesale services in relation to food cooking equipment; wholesale services in relation to heaters; wholesale services in relation to water supply equipment; wholesale services in relation to kitchen knives; wholesale services in relation to cutlery; wholesale services in relation to food preparation implements; wholesale services in relation to construction equipment; wholesale services in relation to earthmoving equipment; wholesale services in relation to agricultural equipment; wholesale services in relation to dietetic preparations; wholesale services in relation to dietary supplements; wholesale services in relation to lubricants; wholesale services in relation to fuels; wholesale services in relation to fragrancings preparations; wholesale services in relation to cleaning preparations; retail services in relation to foodstuffs; retail services in relation to cocoa; retail services in relation to frozen yogurts; retail services in relation to desserts; retail services in relation to confectionery; retail services in relation to games; retail services in relation to festive decorations; retail services in relation to sporting equipment; retail services in relation to wall coverings; retail services in relation to floor

coverings; retail services in relation to sewing articles; retail services in relation to threads; retail services in relation to cookware; retail services in relation to tableware; retail services in relation to furnishings; retail services in relation to saddlery; retail services in relation to umbrellas; retail services in relation to educational supplies; retail services in relation to stationery supplies; retail services in relation to art materials; retail services in relation to works of art; retail services in relation to cooling equipment; retail services in relation to freezing equipment; retail services in relation to weapons; retail services in relation to refrigerating equipment; retail services in relation to heating equipment; retail services in relation to food cooking equipment; retail services in relation to lighting; retail services in relation to heaters; retail services in relation to sanitation equipment; retail services in relation to water supply equipment; retail services in relation to navigation devices; retail services in relation to cutlery; retail services in relation to construction equipment; retail services in relation to earthmoving equipment; retail services in relation to agricultural equipment; retail services in relation to dietetic preparations; retail services in relation to dietary supplements; retail services in relation to lubricants; retail services in relation to fuels; retail services in relation to cleaning preparations; wholesale services in relation to meats; wholesale services in relation to cleaning articles; wholesale services in relation to fabrics; wholesale services in relation to printed matter; wholesale services in relation to metal hardware; wholesale services in relation to toiletries; retail services in relation to meats; retail services in relation to fabrics; retail services in relation to cleaning articles; retail services in relation to gardening articles; retail services in relation to printed matter; retail services in relation to time instruments; retail services in relation to sun tanning appliances; retail services in relation to sex aids; retail services in relation to hearing protection devices; retail services in relation to physical therapy equipment; retail services in relation to diving equipment; retail services in relation to toiletries; retail services in relation to metal hardware; business analysis, research and information services; business assistance, management and administrative services; loyalty, incentive and bonus program services; information services relating to data processing; information services relating to business matters; computerised business information processing services; auctioneering services relating to agriculture; provision of computerised advertising services; advertising services relating to hotels; employment agency services relating to nurses; business assistance within the framework of a franchise contract; business assistance relating

to franchising; search engine marketing services; market information services relating to index levels; shop retail services connected with carpets; advertising services relating to the motor vehicle industry; advertising services relating to newspapers; school fee accounting services; market research data collection services; modelling agency services relating to sales promotions; business advertising services relating to franchising; secretarial services provided by hotels; information services relating to businesses; market information services relating to trade reports; on-line advertising and marketing services; appointment reminder services [office functions]; appointment scheduling services [office functions]; computerized on-line ordering services; auction and reverse auction services; information services relating to advertising; providing on-line auction services; auctioneering services provided on the internet; wholesale services in relation to teas; advertising services for others; trade show management services; billing services in the field of healthcare; medical billing services for hospitals; medical billing services for doctors; employment placement services for housekeepers; employment placement services for butlers; business risk assessment services; company office secretarial services; advertising services for the literary industry; employment agency services provided for nannies; clerical services for making appointments; job agency services for medical personnel; planning services for advertising; planning services for marketing studies; accounting services for pension funds; modelling agency services for advertising purposes; ordering services for third parties; retail services in relation to smartwatches; retail services in relation to smartphones; advertising services provided for florists; computerized business information services; digital advertising services; medical transcription services; online ordering services; electronic stock management services; administrative loyalty card services; product demonstrations and product display services; human resources management and recruitment services; business research and information services; online data processing services; dissemination services of advertisement matter; arranging and conducting of trade fair exhibitions; online business networking services; book-keeping and accounting services; employment outplacement services; document reproduction [photocopying services]; computerised business information services; commercial information services; word processing and typing services; professional recruitment services; executive search and selection services; advertising and marketing consultancy; data retrieval services; telephone switchboard services; administrative services relating to credit card registration; automobile

registration services; business strategy services; modeling agency services; stock management services; price analysis services; publicity services; market reporting services; purchasing of goods and services for other businesses; business secretarial services; typing agency services; copying services; corporate identity services; benchmarking services; airport administration services; cost analysis; cost accounting; business marketing services; business expertise services; reprographic services; consumer market information services; business information agency services; business analysis services; personnel recruitment agency services; office functions services; data management services; temporary personnel services; data-driven collection of data from retail outlets; dissemination of advertising material; office services for electronically manipulating data; office services for electronically collating data; office services for electronically collecting data; compilation of statistical data relating to business; compilation of statistical data relating to medical research; commercial information agencies [provides business information, e g, marketing or demographic data]; automatic re-ordering service for business; promotional marketing through the collection of a selection of telecommunications providers so that others can easily see and buy the services; inserting printed matter into envelopes; secretarial employment services; business administration consultancy; market segmentation consultation; business acquisitions consultation; consultancy relating to data processing; business merger consultation; advisory services relating to the ordering of stationery; business management consultancy in the field of transport and delivery; consultancy services in the field of affiliate marketing; consultancy relating to mergers and acquisitions; consultancy services relating to the administration and management of hotels; tax preparation and consultancy services; assistance, advisory services and consultancy with regard to business analysis; recruitment consultants in the financial services field; business consultancy services relating to the marketing of fund raising campaigns; advertising services to promote public awareness of environmental issues and initiatives; marketing in the framework of software publishing; providing marketing consulting in the field of social media; providing information and advice to consumers regarding the selection of products and items to be purchased; consultancy services relating to the management of telephone call centers; consultancy and advisory services relating to personnel placement; business management advisory services relating to industrial enterprises; data processing for the collection of data for business purposes; collection of data; collating of data in

computer databases; computerized file management; registration of written communications and data; compilation of mathematical data; updating and maintenance of data in computer databases; dissemination of business information; interpretation of market research data; data processing, systematisation and management; provision of computerised data relating to business; analysis of market research data and statistics; compilation and systemization of written communications and data; compilation of statistical data for use in scientific research; arranging and conducting of auctions and reverse auctions via computer and telecommunication networks; computerised data verification; computerised data processing; data search in computer files for others; data processing; data transcription; data inputting services; computerised stock ordering; computerised office management; computerised business research; computerised inventory control; computerized stock control; computerised inventory preparation; computerised business information retrieval; computerised market research; computerised accounting; computerised business records keeping; computerized inventory preparation; computerized accounting; computerized business record keeping services; computerized stock management; data processing for businesses; data compilation for others; computerised compilation of customer indexes; computerised compilation of order lists; computerised payroll preparation; computerised compilation of stock control records; computerised accounting (preparation of -); computerised business management [for others]; computerised business promotion; computerised information services to business opportunities appraisals; management and compilation of computerised databases; compilation of information into computer databases; compilation of data into computer databases; data processing verification; automated data processing; electronic data processing; administrative data processing; recruitment of computer staff; retail services in relation to computer software; wholesale services in relation to computer software; provision of computerised business statistics; database marketing; systemization of information into computer databases; compilation of information into computer databases; advertising services relating to data bases; employment agency services for people skilled in the use of computers; compilation and systematisation of information in databanks; providing business information by way of computer terminals; compilation of information into computerised registers; administrative processing of computerized purchase orders; compilation and input of information into computer databases; on-

line promotion of computer networks and web sites; provision of information relating to data processing; collection and systematisation of information into computer databases; retail services in relation to wearable computers; online advertising on a computer network; computerised tax assessments (preparation of -) [accounting]; information and data compiling and analyzing relating to business management; provision of computerised business management information; provision of computerised information relating to business records; providing business information via global computer networks; retail services via global computer networks related to foodstuffs; providing business information directory services, via a global computer network; providing recruitment information via a global computer network; providing employment information via a global computer network; provision of commercial business information by means of a computer database; provision of commercial information from online databases; retail services via global computer networks related to non-alcoholic beverages; compilation of directories for publishing on global computer networks or the internet; subscriptions (arranging -) to a telematics, telephone or computer service [internet]; promoting the goods and services of others via computer and communication networks; advertising, including on-line advertising on a computer network; business information services provided online from a global computer network or the internet; providing business information, also via internet, the cable network or other forms of data transfer; provide information related to commercial activities and commercial information via the global computer network; business data analysis services; preparation of business statistical data; market research data retrieval services; provision of business data; analysis of market research data; compilation of statistical data; transcription of statistical data; registration of statistical data; computer data entry services; statistical evaluations of marketing data; collection and systematization of business data; provide business data in the form of mailing lists; development of hospital management systems; compilation and systemization of information into computer databases; compilation and systemization of information used in electronic transmissions; negotiation and conclusion of commercial transactions for third parties via telecommunication systems; online retail services for downloadable digital music; online retail services for downloadable and pre-recorded music and movies; retail services in relation to downloadable electronic publications; retail services in relation to downloadable music files; on-line retail store services featuring downloadable ring tones; online retail

services for downloadable ring tones; on-line auctioneering; online advertising services; business management relating to online community; on-line auction bidding for others; on-line auctioneering services via the internet; on-line promotion of computer networks and websites; online retail store services featuring cosmetics and beauty products; online retail services related to suitcases and travel bags; on-line retail store services featuring cosmetic and beauty products, clothing and accessories; providing an on-line commercial information directory on the internet; rental of advertising space on-line; providing on-line commercial directory information services; providing searchable online advertising guides; arranging subscriptions of the online publications of others; on-line trading services in which seller posts products to be auctioned and bidding is done via the internet; dissemination of advertising for others via an on-line electronic communications network; online advertising; administration of business affairs; business accounts management; supply chain management services; business records management; administration of loyalty rewards programs; administration of membership schemes; administration of foreign business affairs; administration relating to sales methods; administration relating to business planning; administration of the business affairs of retail stores; administration relating to business appraisal; administration of loyalty and incentive schemes; administration of sales promotion incentive programs; administration of customer loyalty and incentive schemes; administering of professional [vocational] certifications; administration of frequent flyer programs; administration of consumer loyalty programs; administration of newspaper subscription [for others]; administration relating to marketing; administration of business payroll for others; management of hotel incentive programs of others; administration of loyalty rewards programs featuring trading stamps; administration of employee welfare benefit plans; administration of employee pension plans; administration of employee benefit plans; administration of competitions for advertising purposes; administration of contests for advertising purpose; management and operation assistance to commercial businesses; administration of sales and promotional incentive schemes; administration of preferred provider plans; administering of professional competency testing; administration of the business affairs of franchises; administration of loyalty programs involving discounts or incentives; administrative services relating to the management of legal dockets; organisation and management of customer loyalty programs; administration, billing and reconciliation of accounts on behalf of others; management on behalf of industrial

and commercial enterprises in terms of supplying them with office requisites; sales promotion for others provided through the distribution and the administration of privileged user cards; management assistance in business affairs; management assistance for industrial organisations; management assistance for promoting business; business administration; personnel management; hospital management; sales administration; business administration and management; personnel management of marketing personnel; business management and administration services; office administration services [for others]; business administration of employee share schemes; management administration of commercial undertakings; business administration assistance; business administration in the field of transport and delivery; corporate administration in transport and delivery services; administration (business -) relating to statistical methods; marketing and promotional activities relating to business administration and management; commercial administration of the licensing of the goods and services of others; business administration services for the processing of sales made on a global computer network; personnel management assistance; hotel management service [for others]; business administration services for processing sales made on the internet; cost price analysis; analysis of company behaviour; analysis of advertising response; analysis of business information; analysis of market research statistics; analysis of business statistics; analysis of business management systems; analysis of marketing trends; analysis of business trends; analysis relating to marketing; analysis of advertising response and market research; analysis of response to advertising; analysis of the public awareness of advertising; cost-benefit analysis; statistical analysis and reporting; economic analysis for business purposes; research and analysis in the field of market manipulation; economic forecasting analysis for business purposes; statistical analysis and reporting services for business purposes; marketing research and analysis; cost benefit analysis; market study and analysis of market studies; economic forecasting and analysis; market analysis; market survey analysis; business analysis; advertising analysis; consumer response analysis; grain market analysis; marketing analysis; business profit analysis; consultancy relating to business analysis; preparation of market analysis reports; real estate marketing analysis; work analysis to determine worker skill sets and other worker requirements; cost price analysis regarding waste disposal, removal, handling and recycling; drawing up of statements of accounts; market analysis reports; market analysis services relating to the sale of

antiques; market analysis services relating to the availability of antiques; market analysis services relating to the availability of goods; lifecycle costing for business purposes; administrative accounting; preparation of accounts; bookkeeping for electronic funds transfer; chartered accountancy business services; provision of information relating to accounts [accountancy]; business auditing; financial records management; accounting for third parties; accountancy, book keeping and auditing; accountancy services relating to accounts receivable; accounting services relating to costs for farming enterprises; accounting services for mergers and acquisitions; computerised auditing; tax planning [accountancy]; provision of reports relating to accounting information; tracking and monitoring energy consumption for others for account auditing purposes; tracking and monitoring fluctuation in gasoline prices for others for account auditing purposes; cost management accounting; cost accounting; balance sheet accounting; updating of business information on a computer data base; updating of advertising information on a computer data base; advertising services provided via a data base; market research by means of a computer data base; commercial information services provided by access to a computer database; arranging subscriptions to telecommunication services for others; internet marketing; organisation of internet auctions; advertising services provided via the internet; rental of advertising space on the internet for employment advertising; compilation of business directories for publishing on the internet; compilation of directories for publishing on the internet; dissemination of advertising for others via the internet; advertising automobiles for sale by means of the internet; providing information via the internet relating to the sale of automobiles; internet advertising services; operational business assistance to enterprises; cooperative advertising and marketing for residential and commercial cleaning services; cooperative advertising and marketing; collection of personnel information; collection of commercial information; collecting information for business; collection of information relating to advertising; collection of information relating to market research; collection of company information related to business operations; collection of statistics for business; compilation of statistics [for business or commercial purposes]; arranging promotion of charitable fundraising events; business process re-engineering; arranging newspaper subscriptions; organization of trade fairs; arranging of advertising in cinemas; arranging of collective buying; organising and conducting job fairs; organization of fashion shows for promotional purposes; arranging of exhibitions for advertising purposes; organisation

of trade fairs for advertising purposes; organization of trade fairs for advertising purposes; organisation of promotions using audiovisual media; organization of trade fairs for commercial or advertising purposes; organization, administration and monitoring of customer loyalty programs; arranging of contractual [trade]services with third parties; organisation of fashion shows for commercial purposes; organization of fashion shows for commercial purposes; organization of exhibitions for commercial or advertising purposes; organisation of exhibitions for business or commerce; arranging for the provision of advertising space in newspapers; organisation, operation and supervision of an incentive scheme; organisation, operation and supervision of loyalty schemes and incentive schemes; organisation and management of business incentive and loyalty schemes; organization, administration and monitoring of loyalty and incentive programs; organization of exhibitions and trade fairs for commercial or advertising purposes; organisation and holding of fairs for commercial or advertising purposes; organization, operation and supervision of sales and promotional incentive schemes; arranging and conducting of real estate auctions; organisation of exhibitions and trade fairs for business and promotional purposes; organisation of exhibitions and events for commercial or advertising purposes; organisation of customer loyalty programs for commercial, promotional or advertising purposes; organisation of exhibitions of flowers and plants for commercial or advertising purposes; providing assistance in the field of business organisation; information in business matters; information about sales methods; product sales information; product sales rankings information; information or enquiries on business and marketing; information and expert opinions relating to companies and business; dissemination of commercial information; provision of business and commercial information; services for provision of foreign trade information; providing information in the field of time management; providing information relating to personnel recruitment; providing commercial information relating to companies; providing hotel rate comparison information; providing information concerning commercial sales; provision of business management information; dissemination of information relating to the recruitment of graduates; compilation of political statistics; providing market research statistics; compilation of statistics relating to advertising; compilation of statistics relating to health care utilization; compilation of statistics for business or commercial purposes; business statistical studies; compilation of business statistics; preparation of business statistics; compilation of business statistics and commercial information; market

information services relating to market statistics; obtaining business statistics [for others]; consultancy relating to the preparation of business statistics; compilation of statistical information; provision of statistical information relating to business; compilation and provision of trade and business price and statistical information; business statistical information services; compilation of statistical models for the provision of market dynamics information; provision of business statistical information relating to medical matters; drawing up of business statistical information; compilation of environmental information; collection of information relating to the environment; compilation of information relating to environmental conditions; maintenance of data bases; compilation of information relating to information systems; compilation of toxicological information; compilation of scientific information; compilation of information relating to information technology; maintenance of computer records.

Class 42

Software as a service [saas] featuring software for machine learning; software as a service [saas] featuring software for deep learning; software as a service [saas] featuring software for deep neural networks; installing computer programs; diagnosis of faults in computer software; software creation; computer software programming services; software customisation services; calibration services relating to computer software; software as a service [saas] services featuring software for machine learning, deep learning and deep neural networks; design and development of virtual reality software; hosting services, software as a service, and rental of software; programming of edp software; rental of computer hardware and computer software; programming of educational software; development and testing of software; development of computer hardware and software; design and rental of software; installation and maintenance of computer software; testing of computer hardware and software; maintenance of software for internet access; rental of software for internet access; debugging computer software for others; rental of software for inventory management; programming of software for inventory management; programming of software for database management; programming of energy management software; programming of telecommunications software; programming of software for internet platforms; rental of financial management software; rental of software for data processing; updating of software for data processing; installation of internet access software; rental of database management software; creation of computer programmes

for data processing; project studies relating to software; design of computer game software; rental of computer game software; maintenance of software for communication systems; updating of software for communication systems; development of software for communication systems; development of computer game software; image processing software design; programming of software for e-commerce platforms; research in the field of computer programs and software; installation and maintenance of internet access software; design, drawing and commissioned writing of computer software; design, development and implementation of software; creation, maintenance and adaptation of software; advisory services relating to computer software used for publishing; creating, maintaining, and modernizing computer software; design and development of computer hardware and software; design of custom computer hardware and software; design and development of computers and computer software; design, updating and rental of computer software; research in the field of computer hardware and software; design and development of software for inventory management; design and development of energy management software; maintenance and updating of software for communication systems; design and development of route planning software; rental of software for website development; programming of software for website development; design and development of software for database management; hosting of software for use in library management; leasing of computer software for reading a data stream; design of virtual reality software; design of software for digital signal processing; technical support services relating to computer software and applications; advisory services relating to computer software design; design services relating to computer hardware and to computer programmes; designing computer software for controlling self-service terminals; development of software for audio and video operators; providing online, non-downloadable software; design and development of software for instant messaging; design of software for embedded devices; updating of software for embedded devices; programming of software for online advertising; technical services for the downloading of software; design of software for audio and video operators; design of computer programs and software relating to aircraft; creation and maintenance of software for blogs; design and development of computer database software; development of virtual reality software; services for the design of electronic data processing software; rental and updating of software for data processing; design of software for use with printing machines; consultancy relating to

software for communication systems; advisory services relating to computer software used for graphics; development of software for secure network operations; programming of software for information platforms on the internet; development and testing of computing methods, algorithms and software; providing temporary use of web-based software; configuration of computer networks by software; diagnosing computer hardware problems using software; technical project studies in the field of computer hardware and software; providing temporary use of non downloadable computer software; development, updating and maintenance of software and database systems; configuring computer hardware using software; advisory services in the field of product development and quality improvement of software; consultancy relating to software design and development; design and development of computer hardware, software and databases; design of computer hardware, software and computer peripherals; configuration of computer hardware using software; providing temporary use of web-based software; installation, maintenance and repair of software for computer systems; rental of software for importing and managing data; programming of software for importing and managing data; research relating to the development of computer programs and software; design and development of software for website development; design of software for multimedia data storing and recalling; design of software for processing and distribution of multimedia contents; development of software for compression and decompression of multimedia contents; development of software for processing and distribution of multimedia contents; development of software for multimedia data storing and recalling; design of software for compression and decompression of multimedia contents; providing online non-downloadable software for word processing; design and development of data retrieval software; providing information, advice and consultancy services in the field of computer software; rental of computer software, data processing equipment and computer peripheral devices; platforms for gaming as software as a service [saas]; hosting software for use in library management; design of computer hardware and software for commercial analysis and reporting; design and development of navigation systems and route planning software; research and development services relating to computer hardware and software; design and development of computer game software and virtual reality software; maintenance of software used in the field of e-commerce; providing software on a global computer network; design and development of single sign-on software; design and development of software for electronic

television program guides; consulting services in the field of software as a service [saas]; design and development of software in the field of mobile applications; providing on-line non-downloadable software for database management; design and development of software and hardware for signal amplification and transmission; programming of software for internet portals, chatrooms, chat lines and internet forums; advisory and consultancy services relating to computer and video games software; installation of access control as a service (acaas) software; leasing of computer software for reading a data base of price quotes; design of computer machine and computer software for commercial analysis and reporting; providing technical advice relating to computer hardware and software; providing online non-downloadable software for use in communication; design and development of software and hardware for audio and video operators; design and development of computer hardware and software for industrial applications; design and development of software and hardware for digital signal processing; testing services for computer hardware and software used with alarm and monitoring systems; providing temporary use of on-line non-downloadable software development tools; consultancy services relating to software used in the field of e-commerce; providing information about the design and development of computer hardware and software; providing temporary use of on-line non-downloadable software; development of software for automated business process discovery (abpd); providing temporary use of on-line non-downloadable software for inventory management; providing temporary use of on-line non-downloadable software for database management; design and development of software for control, regulation and monitoring of solar energy systems; hosting of access control as a service (acaas) servers and software; advisory services relating to man-machine interfaces for computer software; providing temporary use of online non-downloadable software for word processing; providing temporary use of on-line non-downloadable software for the management of data; providing temporary use of on-line non-downloadable software for the management of information; providing temporary use of on-line non-downloadable software for the transmission of data; providing temporary use of on-line non-downloadable software for the transmission of information; technical consultancy relating to the design of computer hardware, software and computer peripherals; design and development of software and hardware for compression and decompression of multimedia content; providing temporary use of on-line non-downloadable software for database management;

providing temporary use of on-line non-downloadable software for inventory management; consultancy services relating to the design, development and use of computer hardware and software; design and development of software and hardware for processing and distribution of multimedia content; design and development of computer hardware and software for use in the field of medicine; platforms for artificial intelligence as software as a service [saas]; platforms for graphic design as software as a service [saas]; maintenance and consultancy services relating to software used in the field of e-commerce; providing on-line information about the design and development of computer hardware and software; providing temporary use of on-line non-downloadable software for web site development; providing temporary use of on-line non-downloadable software for web site development; development and testing of computing methods, algorithms and software for generating telecommunication and navigation data; development and testing of computing methods, algorithms and software for processing telecommunication and navigation signals; providing temporary use of on-line, non-downloadable software for use in publishing and printing; design of software for data and multimedia content conversion from and to different protocols; development of software for data and multimedia content conversion from and to different protocols; providing temporary use of on-line non-downloadable single sign-on software; commissioned writing of computer programs, software and code for the creation of web pages on the internet; providing temporary use of on-line non-downloadable software for importing and managing data; providing temporary use of non-downloadable software for analyzing financial data and generating reports; providing temporary use of non-downloadable software for analyzing financial data and generating reports; providing temporary use of on-line non-downloadable software for importing and managing data; providing temporary use of on-line non-downloadable software for processing electronic payments; providing online non-downloadable software for use in supply chain management; design and development of software and hardware for data and multimedia content conversion from and to different protocols; providing temporary use of non-downloadable software to enable content providers to track multimedia content; providing temporary use of non-downloadable software to enable content providers to track multimedia content; design and development of software and hardware for producing, recording and processing digital and analog signals; providing temporary use of non-downloadable computer software for tracking packages over computer networks, intranets and the

internet; providing temporary use of non-downloadable software to enable sharing of multimedia content and comments among users; providing temporary use of non-downloadable software to enable sharing of multimedia content and comments among users; development of computer programs recorded on data media (software) designed for use in construction and automated manufacturing (cad/cam); software engineering; software development; software design and development; updating of smartphone software; smartphone software design; repair of software [maintenance, updating]; software development, programming and implementation; software engineering services for data processing programs; updating of software databases; computer programming and software design; design of computer hardware and software; custom design of software packages; troubleshooting in the nature of diagnosing computer hardware and software problems; development of software solutions for internet providers and internet users; design of graphic software systems; consultancy services relating to computer networks using mixed software environments; providing temporary use of on-line applications and software tools; providing user authentication services using biometric hardware and software technology for e-commerce transactions; providing temporary use of non-downloadable software applications accessible via a web site; platform as a service [paas] featuring software platforms for transmission of images, audio-visual content, video content and messages; providing temporary use of non-downloadable software applications accessible via a web site; services for the writing of computer software; configuration of computer software; repair of computer software; upgrading of computer software; rental of computer database software; testing of computer software; installation of database software; copying of computer software; rental of entertainment software; rental of application software; programming of computer game software; programming of video game software; video game software development; video game software design; rental of video game software; design of word processing software; development of word processing software; maintenance of data processing software; design of computer database software; development of computer database software; design of operating system software; development of operating system software; design of driver software; development of driver software; image processing software development; maintenance of database software; computer hardware and software testing services; duplication of computer software; updating of computer database software; development of computer software; rental

and maintenance of computer software; rental of computer software and programs; design and writing of computer software; writing and updating computer software; computer software consultancy; rental of computers and computer software; design and development of computer game software; development and maintenance of computer database software; development and maintenance of computer software; consultancy in the field of security software; installation and maintenance of database software; maintenance and updating of computer software; maintenance and upgrading of computer software; computer software design and updating; computer software research; maintenance and repair of software; developing and updating computer software; development of software for digital signal processing; design and development of antivirus software; development of interactive multimedia software; updating and upgrading of computer software; design and development of data processing software; design and development of video game software; customized design of computer software; developing of driver and operating system software; design and development of operating system software; design and development of driver software; design and development of image processing software; upgrading and maintenance of computer software; development of computer programs and computer game software; customization of computer software; updating and maintenance of computer software; computer software technical support services; quality control relating to computer software; software design for others; computer software development for others; support and maintenance services for computer software; updating of computer software for others; advisory and consultancy services relating to computer software; rental of computer software for financial management; hosting computer software applications for others; installation, repair and maintenance of computer software; installation, maintenance and updating of computer software; design, development and programming of computer software; installation, maintenance and updating of database software; design, maintenance and updating of computer software; design and development of electronic database software; computer rental and updating of computer software; installation, setting up and maintenance of computer software; updating and maintenance of computer software and programs; design, upgrading and rental of computer software; design, programming and maintenance of computer software; programming of electronic data processing [edp] software; creation, maintenance, and updating of computer software; research and consultancy services relating to computer software; programming of

operating software for computer networks and servers; rental of operating software for computer networks and servers; design and development of computer software for process control; design and development of computer software for logistics; rental of computer software relating to travel; advisory and information services relating to computer software; research relating to the development of computer software; consultancy relating to software maintenance; research and development of computer software; design and development of word processing software; consultancy relating to the updating of software; advice and development services relating to computer software; feasibility study services relating to computer software; professional advisory services relating to computer software; conducting feasibility studies relating to computer software; development of application software for delivery of multimedia content; leasing of computer software relating to price quotes; design and development of computer software for vehicle simulation; consultancy and advice in the design and development of computer hardware and software; leasing of single sign-on application software; research, development, design and upgrading of computer software; providing temporary use of non-downloadable business software; design, maintenance, rental and updating of computer software; installation, maintenance, updating and upgrading of computer software; design, maintenance, development and updating of computer software; installation, maintenance, repair and servicing of computer software; design, installation, updating and maintenance of computer software; design of computer software, computer firmware, computer hardware and computer systems; design, development, installation and maintenance of computer software; providing temporary use of non-downloadable business software; design and development of operating software for computer networks and servers; design and development of computer software for supply chain management; programming of computer software for evaluation and calculation of data; consultancy and information services relating to software rental; consultancy and information services relating to software maintenance; advisory services relating to the use of computer software; advisory services relating to the rental of computers or computer software; development of computer software for use with computer-controlled switching systems; development of computer software for use with programmable controllers; advisory services relating to computer software used for printing; providing information about the design and development of computer software; development of computer software for creating electronic television program guides; providing

temporary use of online non-downloadable investment software; providing temporary use of non-downloadable interactive entertainment software; providing temporary use of on-line non-downloadable investment software; maintenance of computer software relating to computer security and prevention of computer risks; updating of computer software relating to computer security and prevention of computer risks; development of computer software for logistics, supply chain management and e-business portals; design and development of software for importing and managing data; design and development of computer software for evaluation and calculation of data; technical consultancy relating to the installation and maintenance of computer software; technical consultancy relating to the application and use of computer software; programming of computer software for reading, transmitting and organising data; consultancy relating to the design, programming and maintenance of computer software; design, development, maintenance and updating of computer software for process control; design, development, maintenance and updating of computer software for word processing; design, development, maintenance and updating of computer software for data processing; design and development of computer software for use with medical technology; programming of computer software for electronic language translation dictionaries and databases; maintenance of computer software used for operating filling apparatus and machines; providing technical information about computers, computer software and computer networks; programming of operating software for accessing and using a cloud computing network; rental of operating software for accessing and using a cloud computing network; configuration, installation, fault diagnosis, repair, upgrading and maintenance of computer software; design and development of computer software for logistics, supply chain management and e-business portals; consultancy and information services relating to the design, programming and maintenance of computer software; design and development of computer software for reading, transmitting and organising data; providing temporary use of online, non-downloadable computer software for language translation; consultancy relating to the design and development of computer software and hardware architecture; providing temporary use of on-line non-downloadable computer software for language translation; providing information about the design and development of computer software, systems and networks; development of computer software for computer aided design/computer aided manufacturing [cad/cam]; design and development of operating software for accessing and using a

cloud computing network; providing temporary use of on-line non-downloadable operating software for computer networks and servers; design, development, maintenance and updating of computer software for word processing, data processing and process control; providing temporary use of on-line non-downloadable operating software for computer networks and servers; providing temporary use of online, non-downloadable computer software for use in broadcast monitoring applications; providing temporary use of on-line non-downloadable computer software for use in broadcast monitoring applications; providing temporary use of non-downloadable computer software for shipment processing over computer networks, intranets and the internet; providing temporary use of on-line non-downloadable operating software for accessing and using a cloud computing network; providing temporary use of on-line non-downloadable operating software for accessing and using a cloud computing network; providing temporary use of non-downloadable computer software for preparing shipping documents over computer networks, intranets and the internet; providing temporary use of non-downloadable computer software for tracking freight over computer networks, intranets and the internet; providing temporary use of non-downloadable computer software for use in the creation and publication of on-line journals and blogs; development of computer software application solutions; computer programming and computer software design; diagnosis of computer software problems; consultancy in the field of software design; providing information in the field of computer software design; providing information in the field of computer software development; design and development of computer software architecture; troubleshooting of computer software problems; consultancy relating to the design and development of computer software programs; consultancy in the design and development of computer hardware; advisory and consultancy services relating to the design and development of computer hardware; advisory services relating to the design of aquaria; product development consultation; consultancy relating to the design of packaging; advice relating to the design of computer hardware; ship design consultancy services; internet security consultancy; data security consultancy; consultancy in the field of pharmaceutical research; consultancy in the field of computer system analysis; consultancy in the field of computer system integration; fashion design consulting services; telecommunications engineering consultancy; consultation services relating to computer hardware; consultation in the field of physics; advisory services relating to interior design; consultancy relating to filtration

technology; advisory services relating to energy efficiency; civil engineering consultancy; consultancy pertaining to pharmacology; information technology consulting; consultancy services relating to geology; town planning advisory services; advisory services relating to the use of energy; biochemistry consultancy; quality testing of food for certification purposes; consultancy relating to technical research in the field of food; bacteriology consultancy; biology consultancy; consultancy in the field of construction drafting; biotechnology consultancy; consultancy in the field of computer programming; consultancy relating to laboratory testing; consultancy relating to computer database programs; consultation services relating to computer systems; quality assurance consultancy; consultancy relating to membrane technology; application system testing consultancy; advisory services relating to planning applications; advisory services relating to industrial engineering; advisory services relating to computer programming; consultancy services relating to geotechnics; advisory services relating to computer systems design; consultancy services for designing information systems; advice relating to the development of computer systems; advisory services relating to computer based information systems; shopfitting design consultancy services; consultancy in the field of technological design; computer and information technology consultancy services; consultancy in the field of scientific research; consultancy in the field of industrial research; chemical research and analysis services relating to chemical reagents; scientific or technological advisory services relating to chemical reagents; consultancy in the field of bacteriological research; consultancy in the field of architectural design; consultancy relating to pharmaceutical research and development; web site design consultancy; consultancy in the field of technological research; consultancy relating to geological surveys; consultancy relating to the recovery of computer data; consultancy relating to web page design; scientific or technological advisory services relating to pollution control; advice and consultancy in relation to computer networking applications; computer engineering consultancy services; consultancy in the design and development of computer hardware; consulting in the field of cloud computing networks and applications; consultancy relating to the design and development of computer programs; consultancy relating to research in the field of pharmacogenetics; consultancy in the field of scientific and industrial research; consultancy relating to the creation of homepages and internet pages; consultancy relating to the design of homepages and internet pages; consultancy relating to the creation and design of

websites; consultancy relating to the design of home pages and internet sites; consultancy relating to selection of furnishing fabrics [interior design]; consultancy relating to selection of loose covers for furniture [interior design]; consultancy relating to technical and scientific monitoring; consultancy relating to technical and scientific analysis; consultancy relating to technical and scientific measuring; consultancy in the field of programming and development of e-business portals; advisory and information services relating to the design and development of computer hardware; advisory and information services relating to the design and development of computer peripherals; consultancy relating to research and development in the field of therapeutics; advisory and consultancy services relating to the design and development of computer hardware; consultancy relating to the design and development of computer database programs; consultancy relating to the design and development of information and communications technology; bacteriological consultation and research; quality control testing and consultancy relating thereto; technological consultancy services relating to electrocardiograms; provision of technological consultancy to the shipping industry; consultancy relating to the creation and design of websites for e-commerce; consultancy relating to technological services in the field of power and energy supply; consultancy relating to technical research in the field of food and beverages; technological advice relating to winemaking; technical consultancy services relating to information technology; technological advisory services relating to computer programs; professional consultancy relating to technology; technical consultancy in the field of environmental science; technological consultancy in the field of geology; professional consultancy relating to the design of interior accommodation; technological advice relating to pollution damage; technical consulting in the field of environmental engineering; technical advisory services relating to data processing; technical consultancy regarding the field of road cutting technology; professional consultancy relating to fitted kitchen design; technical consultancy in the field of light engineering; professional advisory services relating to food technology; technological consultancy in the field of aerospace engineering; professional consultancy relating to computer security; technical consultancy relating to product development; technical advice relating to computers; technological advice relating to fire prevention; technological advice relating to the manufacture of tyres; professional consultancy relating to the conservation of energy; professional advisory services relating to computers; professional consultancy relating to architecture; provision of technological

consultancy to the oil refining industry; professional consultancy relating to the science of ergonomics; technical consultancy services relating to structural engineering; engineering consultancy relating to manufacture; technological advice relating to safety; technical consultancy services relating to computer programming; technological consultancy in the fields of energy production and use; technological consulting services in the field of alternative energy generation; technical planning and consulting in the field of light engineering; technical consulting in the field of pollution detection; professional consulting services and advice about agricultural chemistry; providing technical advice relating to computers; technical consultancy relating to the use of computer hardware; technical planning and consultancy in the field of light engineering; technical consultancy in the field of energy saving and energy efficiency; design and construction planning services and consultancy relating thereto; providing technical advice relating to energy-saving measures; technological advisory services relating to machine engineering analysis; professional consultancy relating to industrial design; technical consultancy in relation to the production of semiconductors; technical advice in connection with energy-saving measures; interior design services and information and advisory services relating thereto; provision of technological consultancy to the petrochemical industry; professional consultancy relating to marine technology; provision of scientific information, advice and consultancy in relation to carbon offsetting; technical consultancy in relation to research services relating to foods and dietary supplements; providing technical advice in the field of scientific and industrial research; technical consultancy in relation to the technical research in the field of food and beverages; technical consultancy in the design of machinery for electronic circuitry manufacture; technological consultancy relating to the use of materials for the preparation of electronic circuitry; town planning consultancy services; computer technology consultancy; information technology [it] consultancy; telecommunications technology consultancy; environmental consultancy services; scientific or technological advisory services relating to environmental pollution; control technology consulting services; advisory services relating to product testing; advisory services relating to gene therapy research; consultancy services relating to computer networks; consultancy services relating to geophysics; consultancy services relating to quality control; consultation services relating to physics; advisory services relating to material testing; advisory services relating to computer hardware design; consultancy services relating to computer programming; consultancy services for

analysing information systems; consultancy services relating to nuclear engineering; consultancy services in the field of technological development; consultancy in the field of office and workplace automation; advisory services relating to design engineering; consultancy and information services relating to computer programming; consultancy and information services relating to computer software design; consultancy and information services relating to computer system integration; consultancy and information services relating to information technology; advisory services relating to the design of ponds; advisory services relating to the planning of football grounds; consultancy services relating to geographical planning; consultancy services in the fields of science, engineering and information technology; scientific or technological advisory and information services relating to computer peripherals; consultancy services relating to research in the field of environmental protection; consultancy services relating to the planning and design of travel agencies; consultancy and research services in the fields of science, engineering and information technology; consultancy and information services relating to information technology architecture and infrastructure; technological consultancy; engineering consultancy services; advisory and consultancy services relating to computer hardware and software; architectural planning and consultancy services; it consultancy, advisory and information services; professional advisory services in the design and development of computer hardware; research and consultancy in the design and development of computer hardware; astronomy consultation; design consultancy; expert consultancy services in connection with computing networks; engineering consultancy relating to data-processing; engineering consultancy relating to computer programming; scientific technological services; technological services; scientific and technological services and research and development relating thereto; scientific and technological services and research and design relating thereto; scientific services; cell separation technology services; technological services relating to design; technological services relating to manufacture; technological services relating to rheology; technological services relating to rheometrics; technological services and design relating thereto; technological services and research relating thereto; technological services and research and design relating thereto; technological planning services; technological design services; scientific services and research relating thereto; scientific services and design relating thereto; scientific research, testing and analysis services; scientific services relating to the isolation and cultivation of human tissues and cells; scientific

laboratory services; scientific testing services; scientific surveys; assessment in the field of technology provided by engineers; estimations in the field of technology provided by engineers; technological studies relating to machine tools; advisory services relating to scientific instruments; assessment in the field of science provided by engineers; estimations in the field of science provided by engineers; scientific investigations for medical purposes; preparation of technological reports; blood analysis services for scientific research purposes; preparation of scientific reports; leasing of scientific instruments; genetic mapping for scientific purposes; information technology [IT] consultancy; information technology [IT] services being computer hardware, software and peripherals design and technical consultancy; natural science services; earth science services; biochemistry services; oenology services; quality control of services; airborne remote sensing relating to scientific explorations; quality control of goods and services; backup services for computer hard drive data; application service provider services; web site design and creation services; computer firewall services; it services for data protection; engineering services for the gas industry; chemical analysis services relating to ores; chemical engineering services relating to ores; chemical research services relating to ores; analytical and testing services for oil workings; it service management [itsm], namely design and development of computer hardware and computer software; it service management [itsm], namely engineering project management services relating to computer technology; engineering services in the field of environmental technology; engineering services in the field of communications technology; engineering services in the field of building technology; engineering services in the field of energy technology; engineering services in the field of motive power; information technology [IT] consultancy for the pharmaceutical and healthcare industries; analytical services relating to computers; genetic engineering services relating to plants; engineering services relating to energy supply systems; electronic data back-up; engineering services relating to metal forming systems; technical services for the downloading of video games; technological services relating to computers; advisory services relating to building design; analytical services relating to computer programmes; engineering services for the analysis of machinery; chemical services relating to mineralogy; conducting of quality control tests on goods and services; outsource service providers in the field of information technology; analytical laboratory services utilizing radar; scientific analysis utilizing radar; advisory services relating to scientific research;

engineering services relating to gas transport and supply systems; electronic data storage and data back-up services; professional services relating to architectural design; advisory services relating to industrial design; advisory services relating to the planning of premises; technical services for the downloading of digital data; advisory services relating to technological research; analytical services relating to the development of oil fields; advisory services relating to the safety of the environment; analytical services relating to the testing of the bacterial content of liquids; engineering services for applications on large and medium-sized computer systems; industrial research, testing and analysis services; analytical services relating to the testing of the chemical content of liquids; creating electronically stored web pages for online services and the internet; analytical services relating to the assessment of the chemical content of liquids; testing, analysis and evaluation of the goods and services of others for the purpose of certification; hosting electronic memory space on the internet for advertising goods and services; computer-aided industrial design, research, testing and analysis services; creating and designing website-based indexes of information for others [information technology services]; analysis and evaluation of products and services with respect to possible future applications; evaluation of results from quality control tests conducted on goods and services; safety technological testing services; development of measuring probes for biotechnological applications; writing of computer programs for biotechnological applications; research and development in the pharmaceutical and biotechnology fields; engineering and computer-aided engineering services; dna testing services to determine paternity (laboratory services); calibration [measuring]; dress designing; data decryption services; design services; retail design services; cartography services; cloud computing; laboratory testing; architectural services; environmental assessment services; environmental monitoring services; weather forecasting; interior design; information technology [IT] consultancy; outsource service providers in the field of information technology; troubleshooting in the nature of diagnosing problems with consumer electronics; engineering services for the design of structures; consultation in environment protection; consultation services relating to interior design; architectural services for the design of office buildings; diamond authentication and certification services; computer programming services for electronic data security; architectural services for the design of buildings; architectural services for the design of shopping centers; architectural services for the design of retail premises; testing

services for alarm and monitoring systems; architectural services for the design of industrial buildings; computer programming services for commercial analysis and reporting; architectural services for the design of commercial buildings; consultancy in the field of energy-saving; analysis for oil-field exploitation; technical measuring and testing; chemical research and analysis services; research, testing and analysis services; computer aided industrial analysis services; computer aided industrial research services; consulting services in the field of quantum computing; dental research laboratory services; medical and pharmacological research services; design services for architecture; public cloud hosting provider service; private cloud hosting provider service; explosives engineering services; design services for exhibitions; time sharing services for computers; computer hardware time sharing facilities; computer engineering services for the analysis of data; design and development of computer software for the analysis of data; closet design services; authentication services for computer security; design services for the interior of buildings; engineering project management services; industrial engineering design services; computer network configuration services; design services for furniture; design services for computer programs; computer programming services for data warehousing; quality control testing services for industrial machinery; quality control testing services for agricultural machinery; quality control testing services for horticultural equipment; quality control testing services for forestry equipment; research and design services; graphic design services; computer aided scientific analysis services; laboratory research and analysis; website usability testing services; chemical laboratory services; website design services; mechanical and electrical engineering services; biomedical research services; computer aided testing services; agrochemical research services; computer aided design services; computer aided scientific research services; seismic analysis services; quality control and authentication services; marine surveying services; cloud hosting provider services; surveying and exploration services; providing quality assurance services; architectural and urban planning services; geophysical research services; computer design and programming services; mining and mineral exploration services; medical research laboratory services; biological cloning services; veterinary laboratory services; oceanographic prospecting services; industrial development services; graphic design of promotional materials; architectural services for the design of commercial buildings; biological development services; pharmaceutical research services; architectural planning services; provision of research services; quality

assessment relating to pyrotechnics; environmental assessment services relating to pyrotechnics; computer assisted engineering design services; technical inspection services; scientific design services; building research services; data security services [firewalls]; metallurgical laboratory services; research and development of new products for others; product research and development services; geophysical exploration services; custom design services; technical survey services; biochemistry research services; chemical research laboratory services; illustration services (design); technical measuring; technical design; industrial analysis and research services; biological laboratory services; genetic engineering services; analytical laboratory services; computer security consultancy; technical testing services; architectural and engineering services; computer engineering services for anti-spamming; industrial analysis services; illustrators' services; quantum computing; authentication services; interior architectural services; photogrammetry services; blood analysis services; biochemical engineering services; structural engineering services; video game development services; measurement evaluation services; jewellery design services; data security services; scientific laboratory services; laboratory research and analysis services; computer network services; nuclear engineering services; tyre analysis services; computer security consultancy; computer software consultancy; computer technology consultancy; consultancy in the design and development of computer hardware; measurement services; building design services; mechanical engineering; seed testing services; computer graphics services; research services; material testing services; footwear design services; data back-up services; decoding of data; off-site data backup; technical data analysis services; recordal of seismic data; recovery of computer data; certification of data via blockchain; cloud storage services for electronic data; compression of data for electronic storage; design and development of computers and computer programs; temporary electronic storage of information and data; certification services of data transmitted via telecommunications; hosting of computerized data, files, applications and information; hosting computerized data, files, applications and information; providing computer facilities for the electronic storage of digital data; encryption, decryption and authentication of information, messages and data; authentication services (control) of data transmitted via telecommunications; conversion of computer programs and data, other than physical conversion; programming of computers for the regulation of data between buyers and suppliers; providing search engines for

obtaining data via communications networks; providing search engines for obtaining data via communications networks; conversion of data or documents from physical to electronic media; electronic storage services for archiving databases, images and other electronic data; provision of information and data relating to medical and veterinary research and development; providing information and data relating to scientific and technological research and development; development of hardware for data and multimedia content conversion from and to different protocols; design of hardware for data and multimedia content conversion from and to different protocols; providing search engines for obtaining data on a global computer network; electronic monitoring of personally identifying information to detect identity theft via the internet; engineering services relating to automatic data processing; computer programming and maintenance of computer programs; computer programming of computer games; computer programming of video games; computer programming for the energy industry; computer programming services for data processing; computer programming for others; computer programming for telecommunications; computer programming for the internet; computer programming of video and computer games; computer programming for data processing and communication systems; programming of computers for the printing of bar codes; computer programming in the medical field; computer programming services relating to multimedia and interactive applications; updating of computer programs; writing of computer programs; testing of computer programs; computer software design; duplication of computer programs; rental of computer programs; development of computer programs; maintenance of computer programs; installation of computer software; compilation of computer programs; services for reproducing computer programs; creating of computer programs; modifying of computer programs; services for the writing of computer programs; editing of computer programs; maintenance of computer software; installation and maintenance of computer programs; implementation of computer programs in networks; repair of damaged computer programs; providing computer programs on data networks; engineering services relating to computer programming; research relating to computer programming; research relating to computer programs; preparation of computer programs for data processing; creation, updating and adapting of computer programs; provision of information relating to computer programming; development and creation of computer programmes for data processing; provision of information relating to computer programs; preparation of

reports relating to computer programming; professional consultancy services relating to computer programming; provision of on-line support services for computer program users; providing back-up computer programs and facilities; preparation of reports relating to computer programmes; developing computer programs for electronic cash register systems; writing of computer programs for medical applications; development of computer programs for analysis of exhaust gas emissions; development of computer programs for simulating laboratory experiments; updating and adapting of computer programs according to user requirements; providing artificial intelligence computer programs on data networks; provision of technical studies relating to computer programming; development of computer programs for combustion process analysis inside an engine; application service provider [asp], namely, hosting computer software applications of others; providing computer programs designed to the specifications of others; server hosting; server administration; certification of educational services; certification [quality control]; certification services for the energy efficiency of buildings; certification services of messages transmitted via telecommunications; testing, analysis and evaluation of the goods of others for the purpose of certification; testing, analysis and evaluation of the services of others for the purpose of certification; authenticating banknotes; quality testing of products for certification purposes; geo-seismic survey services; quality control testing of products for certification purposes; monitoring of erosion and sedimentation; testing services for the certification of quality or standards; computer security services in the nature of administering digital certificates; monitoring the quality control of seismic procedures; collection of information relating to seismology; consultancy in the field of architecture and construction drafting; consultancy relating to biotechnology; consultancy services relating to environmental planning; consultancy services relating to marine surveying; consultancy services relating to product engineering; consultancy services relating to hydrogeology; quality control services for certification purposes; testing of apparatus in the field of electrical engineering for certification purposes; measuring the environment within buildings; measuring the environment within civil engineering structures; environmental testing and inspection services; environmental testing; environmental surveys; environmental testing of vibration; environmental testing of exhaust emissions; environmental testing of noise pollution; environmental monitoring of waste storage areas; environmental monitoring of waste treatment areas; environmental testing services to detect contaminants in water; research in

environmental protection and environmental protection; environmental hazard assessment; layout design services for clean room environments; research in the field of environmental conservation; design of controlled environmental buildings; research in the field of environmental protection; airborne remote sensing relating to environmental explorations; monitoring of events which influence the environment within buildings; airborne remote monitoring relating to environmental explorations; planning and layout design services for cleanroom environments; monitoring of activities which influence the environment within buildings; monitoring of activities which influence the environment within civil engineering structures; providing technological information about environmentally-conscious and green innovations; monitoring of events which influence the environment within civil engineering structures; analysing of air in building environments; providing virtual computer environments through cloud computing; software as a service [saas]; programming of software for market research purposes; programming of software for evaluating customer behaviour in online shops; user authentication services using single sign-on technology for online software applications; installation and customisation of computer applications software; design and development of virtual private network (vpn) operating software; consultancy relating to selection of curtaining [interior design]; technical advice relating to operation of computers; research, development, analysis and consultancy services in the field of engineering; engineering consultancy relating to testing; electronic storage services for archiving electronic data; computer programming for data duplication and conversion; data coding services being computer programming; computer services concerning electronic data storage; computer project management in the field of electronic data processing [edp]; computer project management in the field of edp; data mining; data migration services; computer systems integration services; data recovery services; data warehousing; computer analysis; computer forensic science; computer engineering services; data encryption and decoding services; database design and development; computer feasibility studies; computer-aided engineering design services; computer code conversion for others; data conversion of electronic information; computer aided graphic design; computerised food analysis services; data storage via blockchain; computer aided scientific testing; computer-aided design of video graphics; computer-aided industrial design; computer aided diagnostic testing services; computerised business information storage; computer aided design of molds; computer system

design and analysis; computer aided part and mould design services; computer-aided engineering design and drawing services; computer aided design for manufacturing operations; computer-aided scientific research, testing and analysis services; computer security services for protection against illegal network access; computerised information services relating to geophysical measurement; internet walled garden services; provision of security services for computer networks, computer access and computerised transactions; document data transfer from one computer format to another; rental services relating to data processing equipment and computers; rental of computers and computer equipment; development of computer hardware for computer games; rental of computers for data processing; computer security threat analysis for protecting data; rental of computer hardware and computer peripherals; disaster recovery services for computer systems; rental of computer peripherals; design and development of computer database programs; computer disaster recovery planning; monitoring of computer systems for detecting unauthorized access or data breach; research in the field of computer technology conducted using databases and the internet; hosting the web sites of others on a computer server for a global computer network; monitoring of computer systems by remote access; computer system analysis; design of computer databases; electronic data storage; computer rental; rental of computer hardware; programming of computer animations; testing of computer hardware; rental of data processing programs; programming of data processing programs; development of computer platforms; computer design services; design of computer hardware; development of systems for the transmission of data; development of systems for the storage of data; hosting of databases; digital compression of computer data; computer security system monitoring services; development of data bases; leasing of data processing systems; development of computer codes; computer project management services; design services for data processing systems; computer specification design; designing of data processing programmes; development of computers; leasing computer facilities; testing of computers; programming of data processing equipment; compilation of data-processing programs; rental of data carriers; leasing access time to a computer; preparation of data processing programmes; designing computer codes; disaster recovery services for data communications systems; development of computer languages; testing of computing equipment; computer system monitoring services; online data storage; design of data storage systems; development of data processing

apparatus; design of data processing apparatus; computer time sharing facilities (provision of -); provision of computing facilities; development of computer systems; computer graphics design services; provision of data centre facilities; rental of data centre facilities; writing of data processing programs; testing of computer installations; computer programming; feasibility study services relating to computers; time sharing services for data processing apparatus; research in the field of computer hardware and software; expert consultancy services in connection with computing equipment; disaster recovery services (computer -); computer diagnostic services; design and development of computer hardware; computer virus protection services; design and development of data storage systems; design and development of data display systems; design and development of data processing systems; research in the field of computer hardware; research in the field of data processing technology; design of computer peripherals; updating of memory banks of computer systems; testing of electronic data processing systems; services for the industrial design of computers; rental of a database server (to third parties); configuration of computer systems and networks; internet café services (computer rental); development of computer based networks; updating of home pages for computer networks; computer design research; development of data processing programs by order of third parties; development of computer peripherals; design and development of data processing apparatus; integration of computer systems and networks; rental of computer hardware and facilities; design and development of data processing programs; computer system design and development; development of systems for the processing of data; development of programmes for data processing; creating programmes for data processing; engineering services relating to computers; writing of programs for data processing; reconstruction of database systems for others; design of computers for others; research relating to data processing; computer network design for others; provision of computer security risk management programs; monitoring of computer systems for security purposes; updating of computer programs for third parties; quality control relating to computer systems; providing technical information relating to computers; research relating to computers; design services relating to data processing tools; design services relating to data processors; design of computer microchips; engineering services relating to data processing technology; engineering services relating to data processing; creating of home pages for computer networks; development of computer firmware; creation of computing platforms for third parties;

conducting feasibility studies relating to computer hardware; provision of expert reports relating to computing; design and development of electronic data security systems; design and development of wireless data transmission apparatus; design and development of computer peripherals; design and development of computer hardware architecture; administration of user rights in computer networks; rendering of computer graphics (digital imaging services); technical design services relating to household appliances and computer equipment; conducting technical project studies relating to household appliances and computer equipment; technological advisory relating to household appliances and computer equipment; design and development of wireless computer networks; information services relating to the development of computer systems; monitoring of computer systems to detect breakdowns; design and development of computer hardware for the manufacturing industry; research relating to the development of computer hardware; research and development services relating to computer hardware; electronic storage services for archiving databases; information services relating to the application of computer networks; scientific computer programming services; technical research relating to computers; provision of reports relating to computing; installation and actualisation of programs for data processing; provision of information about the design and development of computer hardware and software; provision of information relating to computer technology; preparation of reports relating to computers; technological research relating to computers; information services relating to the development of computer networks; creating and updating of home pages for computer networks; information services relating to the application of computer systems; design of computer cluster configurations; development of computer hardware for the manufacturing industries; comparative analysis studies of the efficiency of computer systems; conducting feasibility studies relating to computer information systems; provision of expert appraisals relating to computing; design and development of computer firmware; design services relating to data transmission test tools; comparative analysis studies of the performance of computer systems; design and development of wireless data transmission apparatus, instruments and equipment; design services relating to the development of computerised information processing systems; providing virtual computer systems through cloud computing; provision of technical information in relation to computers; evaluation of performance of computer systems against benchmark references; evaluation of performance of data-processing against benchmark

references; scientific research conducted using databases; provision of technical support in the operation of computing networks; provision of technical support in the supervision of computing networks; design and development of electronic language translation dictionaries and databases; research relating to the computerised automation of technical processes; research relating to the computerised automation of administrative processes; research relating to the computerised automation of industrial processes; design of cd-rom electronic format for computer databases; scientific research conducted using databases and the internet; providing scientific research information and results from an online searchable database; providing online information in the field of technological research from a computer database or the internet; design and development of systems for data input, output, processing, display and storage; air quality data collection services; recovery of smartphone data; recording data relating to energy consumption in buildings; development of hardware for multimedia data storing and recalling; design of hardware for multimedia data storing and recalling; development of algorithms and computing methods for generating telecommunication and navigation data; development of algorithms and computing methods for processing telecommunication and navigation data; testing, analysis and monitoring of system algorithms for processing telecommunications and navigation data; testing, analysis and monitoring of system algorithms for generating telecommunications and navigation data; rental of mini computers; design and development of data output systems; design and development of data entry systems; designing of electronic systems; designing of electrical systems; drafting and development of photovoltaic systems; design and development of photovoltaic systems; design and development of regenerative energy generation systems; engineering services relating to the design of electronic systems; technical development of structural elements, devices and systems for solar collectors and photovoltaic plants; custom design and engineering of telephony systems, cable television systems and fiber optics; technical design and planning of heating installations; computer system design; design of information systems relating to management; design of storage systems; design of lighting systems; design of information systems; monitoring of network systems; design of measurement systems; design of communication systems; design and development of navigation systems; development of energy and power management systems; programming of electronic control systems; design of engineered building systems; technical design and planning

of sewerage systems; research and development services in the field of gene expression systems; design services for display systems for presentation purposes; engineering services relating to metal handling systems; design services for display systems for promotional purposes; design of laboratory animal housing systems; design of information systems relating to finance; engineering services relating to the design of communications systems; technical research relating to automatic identification systems; hosting online web facilities for others for sharing online content; planning, design, development and maintenance of online websites for third parties; hosting online web facilities for others for conducting interactive discussions; hosting of interactive applications; hosting of multimedia applications; hosting of mobile applications; hosting multimedia and interactive applications; providing temporary use of web-based applications; providing temporary use of web-based applications; programming of multimedia applications; administration of mail servers; analysis of stream water quality; analysis of telecommunication signals; analysis of oil soakings; analysis of paints; analysis of materials; analysis of polymeric coatings; analysis of oil reservoirs; analysis of oil deposits; analysis of product development; analysis of product design; analysis and evaluation of product design; analysis and evaluation of product development; analysis of geological samples; analysis of used machine oils; analysis and testing for oil workings; analysis and testing services for the oil industry; analysis in the field of molecular biology; analysis of the structural behaviour of buildings; analysis of the structural behaviour of building materials; behavioural analysis of chemicals; analysis and testing services in the field of oil exploration; analysis and testing services in the field of oil exploitation; analytical services relating to the determination of the bacterial content of liquids; scientific analysis; biological analysis; bacteriological analysis; metallurgical analysis; technological analysis services; biochemical analysis; analysis and testing services relating to electrical engineering apparatus; analysis of human serum for medical research; analysis of human tissues for medical research; analysis of the mode of action of chemical combinations on animals; scientific research and analysis; biological research and analysis; bacteriological research and analysis; biochemical research and analysis; greenhouse gas emission measuring and analysis; chemical analysis of land; materials testing and analysing; air flow biochemical analysis services; testing, analysis and monitoring of navigation signals; testing, analysis and monitoring of telecommunication signals; structural and functional analysis of

genomes; chemical analysis services for use in evaluation; chemical analysis services for use in gemological analysis; testing, analysis and monitoring of telecommunication and navigation signals; preparation of biological samples for analysis in research laboratories; preparation of immunohistological samples for analysis in research laboratories; conducting magnetic resonance imaging interpretation and analysis for the petroleum industry; preparation of biological samples for testing and analysis in research laboratories; technological analysis relating to energy and power needs of others; analytical services relating to the exploration of oil fields; analytical services relating to the assessment of the bacterial content of liquids; analytical services relating to the determination of the chemical content of liquids; chemical analysis; calibration services relating to analytical apparatus; soil sampling for analysis purposes; design and development of testing and analysis methods; chemical analysis services for use in design; working on and evaluation of chemical analyses; chemical analysis services for use in the testing of material; conducting sampling and analysis services to check for contamination; conducting sampling and analysis services to assess pollution levels; blasting vibration analysis; toxicity analysis; coin analysis [authentication] services; technological engineering analysis; feasibility studies relating to material analysis; laboratory services for soil analysis; laboratory analysis in the field of cosmetics; research relating to waste analysis; industrial analysis and research services relating to automobile tires; providing information about industrial analysis and research services; providing online information about industrial analysis and research services; water analysis; analysis for oil research; soil analysing services; handwriting analysis [graphology]; laboratory analysis in the field of bacteriology; assaying minerals or oils; preparation of project analysis studies; laboratory analysis in the field of chemistry; testing of chains; research in the field of artificial intelligence technology; design of office automation equipment; blockchain as a service [baas]; access control as a service (acaas); infrastructure as a service [iaas]; platform as a service [paas]; compilation of web pages for the internet; hosting platforms on the internet; hosting memory space on the internet; hosting websites on the internet; hosting of communication platforms on the internet; hosting of transaction platforms on the internet; internet web site design services; creation of internet web sites; hosting web sites on the internet; hosting of e-commerce platforms on the internet; designing and developing webpages on the internet; hosting of digital content on the internet; rental of electronic memory space on the internet; providing electronic

memory space on the internet; design and maintenance of internet homepages; providing internet search engines with specific search options; providing space on the internet for weblogs; graphic design for the compilation of web pages on the internet; providing or rental of electronic memory space on the internet; design and graphic arts design for the creation of web pages on the internet; hosting of memory space on the internet for storing digital photographs; electronic monitoring of credit card activity to detect fraud via the internet; scientific research in the field of social medicine; services for the provision of technological information; issuing of toxicological information; providing geographic information; provision of scientific information; provision of information relating to information technology; providing scientific consultancy relating to hydrology; providing scientific consultancy relating to oceanography; providing information about fashion design services; providing information in the field of product design; providing information in the field of product development; providing science technology information; provision of information relating to industrial engineering; providing scientific consultancy relating to meteorology; provision of meteorological information for shipping; provision of scientific information relating to chemicals; provision of information relating to scientific research; providing scientific information in the field of climate change; provision of information relating to technological research; assessing chemical information in relation to hazards; assessing chemical information in relation to risks; assessing toxicological information in relation to hazards; assessing toxicological information in relation to risks; providing information in the field of interior design via a website; provision of technical information relating to the manufacture of paper; provision of information, advice and consultancy in relation to carbon offsetting; provision of scientific information relating to the chemical industry.