TYPES OF INTELLECTUAL PROPERTY RIGHTS
IN THE UNITED KINGDOM

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**Purpose:** to study the types of intellectual property rights in the United Kingdom (in the following – UK) and analyse the procedures of their protection under the effective UK legislation. The methodological basis of the study comprises general scientific, philosophical, analysis and special methods. **Results:** the authors studied such types of intellectual property rights in the UK as patents, copyright, registered and unregistered designs, trademarks and trade secrets and analysed the procedures of their protection under the effective UK legislation. **Discussion:** researching in details such categories of the intellectual property in the UK as patents, copyright, registered and unregistered designs, trademarks and trade secrets, analysing the procedures of their protection under the effective UK legislation.

**Key words:** types of intellectual property rights; patent; copyright; registered design; unregistered design; trademark; trade secret; protection; UK legislation.

**Problem statement and its relevance.** Intellectual property has become more and more important over the last two decades. No longer the domain of tech companies only it is something that all businesses should be thinking about, and, according to recent studies, it can make up around 80% of capital value in successful businesses.

Even members of the public are used to hearing the term “intellectual property” and know it to be important. Business leaders certainly know that it is something they cannot ignore. And yet it is still an area that is often not well understood.

Increasingly crowded markets make any competitive advantage through innovation, know-how and confidential information more important. They also make brand and reputation more important to consumers and so more valuable. However, constant globalisation, access to online marketplaces and reducing cost of manufacture is making it easier to copy, as well as providing greater opportunities for businesses.

The term “intellectual property” had a great importance not only in economical, but also in legal life of the society:

- firstly, the category “intellectual property” consolidated the range of separate legal phenomena in order to systematize legislation. It allowed to examine intellectual activities results and consider the means of individualization as independent objects of legal relations;

- secondly, the creators of intellectual products have exclusive and absolute right to results of intellectual activities and means of individualization equated to them. The functions of this right were similar to the functions of property right to tangible objects;

- thirdly, the social importance of the results of intellectual activities and means of individualiza-
tion equated to them, commercial and other interests of their creators and rightholders were officially recognized.

Thus, appearance of the category “intellectual property” provided a new attitude of the state and law to intellectual activities and their results based on the respect to creative persons and their interests [1].

Analysis of research and publications. The following scientists researched the different problems on intellectual property right: Yu.L. Boshytsky, M.K. Galyantych, D. Getmakov, I.I. Dakhno, O.A. Pidopryhora, R.B. Shyshka, A.D. Svyatotskyi, O.I. Kharytonova, N.V. Filyk, N.V. Trotsyuk, Yu.M. Beluga and others. However, the availability of these developments has not drew out the possibilities for further research.

Purpose of the article. This scientific research is devoted to the study of such categories of the intellectual property in the UK as patents, copyright, registered and unregistered designs, trademarks and trade secrets, as well as the analysis of the procedures of their protection under the effective UK legislation.

The presentation of the main material. In recent years the accent of social and economic development of the countries all over the world has moved from production to intellectual activities. The experience of the developed countries shows a firm and purposeful tendency to the priority of such social activities as science, technique, culture, creative work. The new priorities of social activities stipulate for due legal protection of all types of creative work. Therefore, at the end of the last century many countries started to renew intellectual property legislation, especially the issue on its legal protection. The new laws on intellectual property protection were adopted and international organizations revived their activities concerning legal protection of creative results in many countries.

The UK stopped being a Member State of the European Union (in the following – “EU”) on 31 January 2020, and the “transition period” governed by the Withdrawal Agreement (2018) [2] expired on 31 December 2020. Upon the expiry of the transition period, for EU rights obtained or arising under an EU regime, the UK extracted from each EU-wide right a UK right of the same scope. The extracted rights are now treated as national UK rights. Renewal fees are payable to the relevant UK office, and the rights are enforceable in the courts in the UK as national rights.

For national intellectual property rights covering the UK, there was little change to the existing systems of protection and enforcement upon the expiry of the transition period.

In the UK depending on the nature of your intellectual property, it will fall into one of a number of different categories and can be broken down as: patents; copyright; designs – registered and unregistered; trademarks; trade secrets [3]:

Patents are the most commonly sought form of intellectual property protection for commercialising university research. They relate to how something works, preventing the unauthorised usage of a process or invention. For an invention or idea to be eligible for a patent, the claimed invention should in the opinion of a patent examiner, satisfy three criteria: a) it should be novel; b) it should involve an inventive step; and c) it should have industrial application. If all three are met, then the idea is considered to be an invention and a patent will be granted. A patent is effectively a contract with the state: if an inventor teaches the world how to solve a technical problem in a new and inventive way, the state grants the inventor a monopoly of up to 20 years (in exchange for publication of the invention) to exploit the invention within the territory. However, in any territory where patent protection is not sought, the invention will be available to use by anyone without restriction.

Fundamentally, it is important to remember that a patent grants the owner the right to stop others from using their invention. The 20-year monopoly is important for companies as it gives time for the applicant to commercialise their invention with limited competition, and to potentially recoup their investment in order to help fund future projects.

The test for novelty is absolute and requires that the claimed invention is unique and not been made available to the public at the time of filing. If the combination of technical features in the claim can be found within published material anywhere in the world prior to the filing date, then the innovation is not considered new and the invention, as claimed, may be rejected.
<table>
<thead>
<tr>
<th>Intellectual Property Rights</th>
<th>Patents</th>
<th>Trademarks</th>
<th>Copyright</th>
<th>UK unregistered designs</th>
<th>UK registered designs</th>
<th>Trade secrets</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Rights</strong></td>
<td>Stop others from commercially exploiting your invention</td>
<td>Stop others from using your registered trademark for a particular set of</td>
<td>Stop others from taking a substantial part of your work</td>
<td>Stop others from directly copying your design but should be an exact copy</td>
<td>Stop others from using a substantially similar design</td>
<td>Offers compensation for the unlawful leakage of commercially valuable and confidential information</td>
</tr>
<tr>
<td><strong>Intellectual asset</strong></td>
<td>Technical solutions to technical problems e.g. manufacturing process, test methods, formulations, and the like</td>
<td>Trade names, slogans, logos, domain names, colour, smell, shape</td>
<td>Literary, musical and artistic works. Software code, broadcasts and sound recordings</td>
<td>Furniture, product surfaces, shapes, graphic symbols drawings</td>
<td>Furniture, product surfaces, ornamentation, shapes, graphic symbols, drawings</td>
<td>Commercially sensitive compositions/processes/ingredients/algorithms, recipes, sensitive R&amp;D results, designs, configurations</td>
</tr>
<tr>
<td><strong>Duration of protection</strong></td>
<td>Up to 20 years from the filing date</td>
<td>Needs to be renewed every 10 years</td>
<td>The duration of the authors life plus 70 years</td>
<td>Up to 15 years from the date at which the design was first recorded/published</td>
<td>Up to 25 years from the filing date</td>
<td>Indefinite (until publicly disclosed)</td>
</tr>
<tr>
<td><strong>How to get protection?</strong></td>
<td>Apply for a patent at the UK’s IPO</td>
<td>Should register</td>
<td>Automatic</td>
<td>Automatic</td>
<td>Should register</td>
<td>Information should be a secret, should be commercially valuable because it is secret and have made effort to keep secret</td>
</tr>
<tr>
<td><strong>Length of process</strong></td>
<td>2-3 years</td>
<td>4-6 months</td>
<td>N/A</td>
<td>N/A</td>
<td>Up to 2 weeks</td>
<td>N/A</td>
</tr>
<tr>
<td><strong>Public disclosure?</strong></td>
<td>Yes, full disclosure usually at 18 months after the filing</td>
<td>Yes</td>
<td>Effective once the asset is published</td>
<td>Yes, disclosure should be made in the</td>
<td>Yes, disclosed when registered</td>
<td>No</td>
</tr>
</tbody>
</table>
The test for inventive step addresses the hypothetical question of whether a person “skilled in the art” would arrive at the same combination of technical features, as claimed, to address the same problem. In other words, are the technical features claimed and their combination obvious to a skilled person when considering the problem to be solved? If the patent examiner considers the technical features as claimed to be an obvious choice, or would be arrived at by routine experimentation, then the invention as claimed may be rejected.

Finally, the test for industrial application is more straightforward, in that the invention merely has to be useful and solve some technical problem without consideration of any economic factors, i.e. an invention can have industrial application whether or not there is an economic market in which to exploit it.

If the company decides to proceed with filing a patent application, then it is recommended to hire a patent attorney to draft the application before filing it at the patent office. It is important to remember that although the cost of applying for a patent is relatively low, professional advice can be a lot more – a patent attorney or advisor typically costs £4,000. However, this figure ignores the fact that, in most cases, the search report will bring relevant prior art to your attention.

If you wish to proceed with your application, your patent attorney or advisor will be required to make amendments to your claims and/or explain why this prior art is not relevant to your invention. Each time your patent attorney does this, you will incur a cost of approximately £1,500. This government figure will only reflect the cost of obtaining a patent on very basic technology, and only then if it required no amendment or further correspondence between the patent attorney and the Intellectual Property Office (in the following – IPO).

After filing, the application will receive a search and initial examination report after approximately 6 months, which will provide an early indication of whether or not the examiner considers there to be any ‘prior art’ that is relevant to the invention as claimed. If the company wishes to seek patent protection outside the UK (for export or licence opportunities), a foreign patent application needs to be filed by the 12-month international filing deadline. This deadline is relatively strict. After this deadline, no foreign patents can be applied for that claims the same invention. The application remains secret until 18 months after filing, at which point it will be published and enters the public domain together with any foreign applications filed by the applicant covering the same invention. If the Search Report is not favourable then the decision may be taken to withdraw the original application before publication at 18 months, this way the innovation has not entered to public domain and it can subsequently be redrafted with more technical detail in light of the examiner’s feedback, and then be refiled as a fresh application.

Assuming the Search Report is favourable, and examination is requested then the application will enter the formal examination phase of the process. This part of the process can take some time, but the objective is to seek a granted patent within 2-3 years of the filing date. The examination step can take longer if the examiner considers there to be a lot of prior art in the field of the claimed invention. In this situation the patent attorney will often negotiate with the examiner and narrow the scope of the claimed invention to avoid the prior art. If the examiner is then satisfied, a patent will be granted for the claimed invention.

A brief overview of the patent application process is illustrated as below [4]:

Copyright may subsist, inter alia, in original literary, dramatic, musical and artistic works, sound recordings, films, broadcasts and typographical arrangements of published editions, provided the work qualifies by its author’s nationality or domicile or by the place of first publication of the work. Protection arises automatically when works are recorded in writing or some other form.

Copyright in literary, dramatic, musical or artistic works generally lasts for 70 years from the end of the calendar year in which the author dies. For some literary works, including computer-generated works, databases, tables and compilations, and for sound recordings and broadcasts, protection will last for 50 years from the end of the calendar year in which they are created.
Copyright is infringed if the work, or a substantial part of it (assessed qualitatively), is copied, not if another work is created independently.

Unlike trademarks, designs and patents, copyright in the UK cannot currently be registered (so there is no central register and no fee requirement). Copyright arises automatically in the UK as soon as certain requirements are met, including the need for the work to be written down or recorded.

It is best practice to mark original work with the copyright symbol ©, the name of the author/creator, and the date of creation – not least so (recognising that there is no register) third parties are put on notice that the work is protected by copyright and can trace the copyright owner.

The UK has signed various copyright treaties which allow the UK to provide copyright protection in respect of copyright protected in other signatory countries. If you have copyright outside the UK, those treaties may operate to provide automatic protection in the UK too [5; 6].

A mark or sign may be registered as a trademark if it is capable of distinguishing the goods or services of one undertaking from those of another and of being represented on the register in a manner that enables the competent authorities and the public to determine the clear and precise subject matter of protection. It should also not be devoid of distinctive
Trademark protection is territorial, so that a mark may be registered in a country where it is used and renewed. However, there are disadvantages to registering a mark in each country or territory. This means that even if a company has trademark registrations elsewhere, i.e. Japan or the USA, these rights will not automatically extend to the UK.

In the UK, there are currently two ways of obtaining registered trademark:
- a UK national trademark application; and
- an international trademark application designating the UK or EUTM.

Even if a brand is well established in another territory, it is strongly recommended to conduct clearance searches in the UK before launching or filing a new trademark application here, to see if there are any earlier trademark right holders that may object to the application or that you could be infringing by using your brand.

When you apply to register a trademark in the UK you have to specify the goods and services that you intend to use the brand for. These are organised into 45 different classes under the Nice classification system. Official trademark application fees are charged on a per class basis. The UK’s IPO accepts a broader list of goods and services than certain territories, such as the USA, so it is recommended to seek UK counsel input into a trademark specification even if one has already been prepared and filed in another territory.

Once a UK application has been filed it will be examined by the UK’s IPO to ensure that it complies with various registration requirements. The IPO will also conduct a search of the IPO Register for earlier rights they consider to be similar to the mark applied for — the application will not be refused on this basis, but earlier right holders will be notified of the application and it will be for them to take action if they consider there to be a conflict. Assuming there are no major issues during examination, the application will be published for opposition purposes. If no oppositions are filed by third parties the application will proceed to registration and a certificate will be issued. For a straightforward application this process typically takes around four to six months.

UK registrations can be renewed every 10 years, for a fee, and can last indefinitely so long as they are used and renewed.

Once an initial trademark application has been filed in (almost) any territory the filing date may be preserved for additional applications abroad provided those application are filed within six months. This ability to back-date later applications is known as
The law in the UK provides for two types of unregistered design right to arise automatically where qualifying criteria are met:

- “UDR” protects the shape and configuration of the whole or part of an article (external or internal) that is original, recorded in a design document or is the subject of an article made to the design, and created by a qualifying person. It will not subsist in a method or principle of construction, the shape or configuration of an article that “should fit” another, or the appearance of an article that “should match” another; nor does it protect 2D designs such as ornamentation or surface decoration (which may be protected by copyright). Protection is the lesser of 15 years from first recording in a design document or first making to the design, or 10 years from first making the article available for sale or hire (dates calculated from the end of the relevant calendar year). The owner has exclusive rights to reproduce the design for commercial purposes. During the final five years of the term, licences of right are available.

- “Supplementary unregistered design” protects designs that are new and have individual character (i.e., like a registered design), and so can protect 3D and 2D designs. Such protection lasts for a period of three years from the date on which the relevant design is first made available to the public (provided this is not before 31 December 2020).

Designs can be registered through the UK’s IPO. Before launching or applying to register a design it is advisable to conduct a clearance search. Once registered, designs can be renewed (on payment of renewal fees) every five years for up to 25 years. Since 1 January 2021, EU registered designs are no longer valid in the UK [5; 6].

A trade secret is the information or know-how belonging to a company that is kept confidential due to the value it brings to the business. Typical examples of a trade secret may be a secret ingredient within a recipe (or the recipe as a whole), or a chemical compound that is the ‘secret sauce’ within a product or a process. The decision to maintain an innovation as a trade secret is primarily driven by the need to preserve a competitive advantage against others through secrecy, for example; company ‘X’ does not want the group of companies ‘Y’ to know about invention ‘Z’ because invention ‘Z’ may be a key differentiator between the companies.

Up until 2018, there was a great uncertainty as to what qualified as a trade secret, how to seek protection and when you should choose to protect an innovation as a trade secret over and above pursuing a patent. The Trade Secrets Directive now provides greater clarity. The Trade Secrets Directive was drafted by the European Council and it was later implemented in the UK in June 2018 through the Trade
Secrets Regulation. Their purpose is the protection of undisclosed know-how and business information from being unlawfully acquired, used and disclosed. It is also intended to standardise national laws and remedies related to trade secrets in EU member states. These Regulations complement existing common law, which will continue to apply, addressing any gaps in the law and clarifying procedural implementation across jurisdictions. Previously, confidential information was protected through case law. In order to successfully claim for a breach of confidence, it will still be necessary to establish the following:

- the information has the necessary quality of confidence (i.e. it is not generally known by the general public, or persons who specialise in that subject);
- the information was shared in circumstances imparting an obligation of confidence (i.e. a reasonable person would have realised that the information was being given in confidence);
- there has been an unauthorised use of that information to the detriment of the party communicating it (i.e. it has been used by the recipient for purposes beyond the consent of the owner, or it has been disclosed to third parties without the owner’s consent).

Trade secrets are redefined by the Regulations as being information that:

- is secret – i.e. is not generally known among, or readily accessible to, persons within the circles that normally deal with this kind of information;
- has commercial value because it is secret; and
- has been subject to reasonable steps to keep it secret by the person lawfully in control of the information.

Under the Regulations, the limitation period for bringing a claim is six years, either from the day that the unlawful use of trade secrets ceases or the day of knowledge of the trade secret holder, whichever is later. It is also stipulated that trade secrets should be protected during court proceedings [10].

International researchers also point on security of trade secrets in the context of new working conditions connected with the COVID-19. During the pandemic, the world community received another reason for its internal changes in different directions to give a quick response to its continued existence and development in the fight against COVID-2019 [11, p. 439]. The coronavirus pandemic had unexpected consequences in the business world, including particular concerns on information security issues, as these types of issues can have an immense impact on the intellectual property of the establishments, especially when the company’s core assets contain a trade secret [12].

**Conclusion.** The UK legal system provides a high level of intellectual property rights protection and enforcement mechanisms that are comparable to those available in the United States. The UK is a member of the World Intellectual Property Organization (WIPO). It is also a member of the major intellectual property protection agreements: the Berne Convention for the Protection of Literary and Artistic Works, the Paris Convention for the Protection of Industrial Property, the Universal Copyright Convention, the Geneva Phonograms Convention, and the Patent Cooperation Treaty. The UK has signed and enshrined into UK law the WIPO Copyright Treaty (WCT) and WIPO Performance and Phonograms Treaty (WPPT), known as the internet treaties.

The IPO is the official UK government body responsible for intellectual property rights including patents, designs, trademarks and copyright. Its website contains comprehensive information on UK law and practice.

**Література**


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ВИДИ ПРАВ ІНТЕЛЕКТУАЛЬНОЇ ВЛАСНОСТІ У ВЕЛИКІЙ БРІТАНІЇ

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Досвід розвинених країн свідчить про тверду і цілеспрямовану тенденцію до пріоритетності таких суспільних видів діяльності, як наука, техніка, культура, творча праця. Нові пріоритети соціальної діяльності передбачають належну правову охорону усіх видів творчої діяльності. Тому наприкінці минулого століття багато країн почали оновлювати законодавство про інтелектуальну власність, особливо питання її правової охорони. Були прийняті нові закони про охорону інтелектуальної власності, а міжнародні організації пожвавили свою діяльність з правової охорони творчих результатів у багатьох країнах.

Правова система Великої Британії забезпечує високий рівень охорони прав інтелектуальної власності та механізмів забезпечення їх виконання. Велика Британія є членом Всеєвітньої організації інтелектуальної власності (ВОІВ), а також є учасником основних угод про охорону інтелектуальної власності: Бернської конвенції про охорону літературних і художніх творів, Паризької конвенції про охорону промислової власності, Універсальної конвенції про авторське право, Женевської конвенції про фонограми та Договору про патентну співпрацю. Крім того, Велика Британія підписала та закріпила у своєму законодавстві Договір ВОІВ про авторське право та Договір ВОІВ про охорону та фонограми, що також відомі як Інтернет-договори.

Мета статті полягає у дослідженні питання щодо видів прав інтелектуальної власності у Великій Британії та аналізі процедури їх охорони відповідно до чинного законодавства Великої Британії. Методи дослідження включають загальнонаукові, філософські, аналітичні та спеціальні методи. Результати: досліджено такі види прав інтелектуальної власності у Великій Британії, як патенти, авторське право, зареєстровані та незареєстровані зразки, торговельні марки та комерційні таємниці, а також проаналізовано процедури їх охорони відповідно до чинного законодавства Великої Британії.

Обговорення: детальне дослідження таких категорій інтелектуальної власності у Великій Британії, як: патенти, авторське право, зареєстровані та незареєстровані зразки, торговельні марки та комерційні таємниці; аналіз процедур їх охорони відповідно до чинного законодавства Великої Британії.

Ключові слова: види прав інтелектуальної власності; патенти; авторське право; зареєстрований зразок; незареєстрований зразок; торговельна марка; комерційна таємниця; охорона; законодавство Великої Британії.

Стаття надійшла до редакції 14.03.2022