

17 USCS § 102

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United States Code Service - Titles 1 through 54 > TITLE 17. COPYRIGHTS > CHAPTER 1. SUBJECT MATTER AND SCOPE OF COPYRIGHT

§ 102. Subject matter of copyright: In general

- (a) Copyright protection subsists, in accordance with this title, in original works of authorship fixed in any tangible medium of expression, now known or later developed, from which they can be perceived, reproduced, or otherwise communicated, either directly or with the aid of a machine or device. Works of authorship include the following categories:
- (1) literary works;
 - (2) musical works, including any accompanying words;
 - (3) dramatic works, including any accompanying music;
 - (4) pantomimes and choreographic works;
 - (5) pictorial, graphic, and sculptural works;
 - (6) motion pictures and other audiovisual works;
 - (7) sound recordings; and
 - (8) architectural works.
- (b) In no case does copyright protection for an original work of authorship extend to any idea, procedure, process, system, method of operation, concept, principle, or discovery, regardless of the form in which it is described, explained, illustrated, or embodied in such work.

History

(Oct. 19, 1976, P.L. 94-553, Title I, § 101, 90 Stat 2544; Dec. 1, 1990, P.L. 101-650, Title VII, § 703, 104 Stat. 5133.)

Prior law and revision:

House Report No. 94-1476

"Original works of authorship". The two fundamental criteria of copyright protection--originality and fixation in tangible form--are restated in the first sentence of this cornerstone provision. The phrase "original works of authorship," which is purposely left undefined, is intended to incorporate without change the standard of originality established by the courts under the present copyright statute. This standard does not include requirements of novelty, ingenuity, or esthetic merit, and there is no intention to enlarge the standard of copyright protection to require them.

In using the phrase "original works of authorship," rather than "all the writings of an author" now in section 4 of the statute, the committee's purpose is to avoid exhausting the constitutional power of Congress to legislate in this field, and to eliminate the uncertainties arising from the latter phrase. Since the present statutory language is substantially the same as the empowering language of the Constitution, a recurring question has been whether the statutory and the constitutional provisions are

coextensive. If so, the courts would be faced with the alternative of holding copyrightable something that Congress clearly did not intend to protect, or of holding constitutionally incapable of copyright something that Congress might one day want to protect. To avoid these equally undesirable results, the courts have indicated that "all the writings of an author" under the present statute is narrower in scope than the "writings" of "authors" referred to in the Constitution. The bill avoids this dilemma by using a different phrase--"original works of authorship"--in characterizing the general subject matter of statutory copyright protection.

The history of copyright law has been one of gradual expansion in the types of works accorded protection, and the subject matter affected by this expansion has fallen into two general categories. In the first, scientific discoveries and technological developments have made possible new forms of creative expression that never existed before. In some of these cases the new expressive forms--electronic music, filmstrips, and computer programs, for example--could be regarded as an extension of copyrightable subject matter Congress had already intended to protect, and were thus considered copyrightable from the outset without the need of new legislation. In other cases, such as photographs, sound recordings, and motion pictures, statutory enactment was deemed necessary to give them full recognition as copyrightable works.

Authors are continually finding new ways of expressing themselves, but it is impossible to foresee the forms that these new expressive methods will take. The bill does not intend either to freeze the scope of copyrightable technology or to allow unlimited expansion into areas completely outside the present congressional intent. Section 102 implies neither that that subject matter is unlimited nor that new forms of expression within that general area of subject matter would necessarily be unprotected.

The historic expansion of copyright has also applied to forms of expression which, although in existence for generations or centuries, have only gradually come to be recognized as creative and worthy of protection. The first copyright statute in this country, enacted in 1790, designated only "maps, charts, and books"; major forms of expression such as music, drama, and works of art achieved specific statutory recognition only in later enactments. Although the coverage of the present statute is very broad, and would be broadened further by the explicit recognition of all forms of choreography, there are unquestionably other areas of existing subject matter that this bill does not propose to protect but that future Congresses may want to.

Fixation in tangible form. As a basic condition of copyright protection, the bill perpetuates the existing requirement that a work be fixed in a "tangible medium of expression," and adds that this medium may be one "now known or later developed," and that the fixation is sufficient if the work "can be perceived, reproduced, or otherwise communicated, either directly or with the aid of a machine or device." This broad language is intended to avoid the artificial and largely unjustifiable distinctions, derived from cases such as [*White-Smith Publishing Co. v. Apollo Co.*, 209 U.S. 1 \[52 L. Ed. 2d 655\]](#) (1908), under which statutory copyrightability in certain cases has been made to depend upon the form or medium in which the work is fixed. Under the bill it makes no difference what the form, manner, or medium of fixation may be--whether it is in words, numbers, notes, sounds, pictures, or any other graphic or symbolic indicia, whether embodied in a physical object in written, printed, photographic, sculptural, punched, magnetic, or any other stable form, and whether it is capable of perception directly or by means of any machine or device "now known or later developed."

Under the bill, the concept of fixation is important since it not only determines whether the provisions of the statute apply to a work, but it also represents the dividing line between common law and statutory protection. As will be noted in more detail in connection with section 301, an unfixed work of authorship, such as an improvisation or an unrecorded choreographic work, performance, or

broadcast, would continue to be subject to protection under State common law or statute, but would not be eligible for Federal statutory protection under section 102.

The bill seeks to resolve, through the definition of "fixation" in section 101, the status of live broadcasts-sports, news coverage, live performances of music, etc.-that are reaching the public in unfixed form but that are simultaneously being recorded. When a football game is being covered by four television cameras, with a director guiding the activities of the four cameramen and choosing which of their electronic images are sent out to the public and in what order, there is little doubt that what the cameramen and the director are doing constitutes "authorship." The further question to be considered is whether there has been a fixation. If the images and sounds to be broadcast are first recorded (on a video tape, film, etc.) and then transmitted, the recorded work would be considered a "motion picture" subject to statutory protection against unauthorized reproduction or retransmission of the broadcast. If the program content is transmitted live to the public while being recorded at the same time, the case would be treated the same; the copyright owner would not be forced to rely on common law rather than statutory rights in proceeding against an infringing user of the live broadcast.

Thus, assuming it is copyrightable-as a "motion picture" or "sound recording," for example-the content of a live transmission should be accorded statutory protection if it is being recorded simultaneously with its transmission. On the other hand, the definition of "fixation" would exclude from the concept purely evanescent or transient reproductions such as those projected briefly on a screen, shown electronically on a television or other cathode ray tube, or captured momentarily in the "memory" of a computer.

Under the first sentence of the definition of "fixed" in section 101, a work would be considered "fixed in a tangible medium of expression", if there has been an authorized embodiment in a copy or phonorecord and if that embodiment "is sufficiently permanent or stable" to permit the work "to be perceived, reproduced, or otherwise communicated for a period of more than transitory duration." The second sentence makes clear that, in the case of "a work consisting of sounds, images, or both, that are being transmitted," the work is regarded as "fixed" if a fixation is being made at the same time as the transmission.

Under this definition "copies" and "phonorecords" together will comprise all of the material objects in which copyrightable works are capable of being fixed. The definitions of these terms in section 101, together with their usage in section 102 and throughout the bill, reflect a fundamental distinction between the "original work" which is the product of "authorship" and the multitude of material objects in which it can be embodied. Thus, in the sense of the bill, a "book" is not a work of authorship, but is a particular kind of "copy." Instead, the author may write a "literary work," which in turn can be embodied in a wide range of "copies" and "phonorecords," including books, periodicals, computer punch cards, microfilm, tape recordings, and so forth. It is possible to have an "original work of authorship" without having a "copy" or "phonorecord" embodying it, and it is also possible to have a "copy" or "phonorecord" embodying something that does not qualify as an "original work of authorship." The two essential elements--original work and tangible object--must merge through fixation in order to produce subject matter copyrightable under the statute.

Categories of copyrightable works. The second sentence of section 102 lists seven broad categories which the concept of "works" of authorship" is said to "include." The use of the word "include," as defined in section 101, makes clear that the listing is "illustrative and not limitative," and that the seven categories do not necessarily exhaust the scope of "original works of authorship" that the bill is intended to protect. Rather, the list sets out the general area of copyrightable subject matter, but with sufficient flexibility to free the courts from rigid or outmoded concepts of the scope of particular

categories. The items are also overlapping in the sense that a work falling within one class may encompass works coming within some or all of the other categories. In the aggregate, the list covers all classes of works now specified in section 5 of title 17; in addition, it specifically enumerates "pantomimes and choreographic works".

Of the seven items listed, four are defined in section 101. The three undefined categories--"musical works," "dramatic works," and "pantomimes and choreographic works"--have fairly settled meanings. There is no need, for example, to specify the copyrightability of electronic or concrete music in the statute since the form of a work would no longer be of any importance, nor is it necessary to specify that "choreographic works" do not include social dance steps and simple routines.

The four items defined in section 101 are "literary works," "pictorial, graphic, and sculptural works," "motion pictures and audiovisual works", and "sound recordings." In each of these cases, definitions are needed not only because the meaning of the term itself is unsettled but also because the distinction between "work" and "material object" requires clarification. The term "literary works" does not connote any criterion of literary merit or qualitative value: it includes catalogs, directories, and similar factual, reference, or instructional works and compilations of data. It also includes computer data bases, and computer programs to the extent that they incorporate authorship in the programmer's expression of original ideas, as distinguished from the ideas themselves.

Correspondingly, the definition of "pictorial, graphic, and sculptural works" carries with it no implied criterion of artistic taste, aesthetic value, or intrinsic quality. The term is intended to comprise not only "works of art" in the traditional sense but also works of graphic art and illustration, art reproductions, plans and drawings, photographs and reproductions of them, maps, charts, globes, and other cartographic works, works of these kinds intended for use in advertising and commerce, and work of "applied art." There is no intention whatever to narrow the scope of the subject matter now characterized in section 5(k) as "prints or labels used for articles of merchandise." However, since this terminology suggests the material object in which a work is embodied rather than the work itself, the bill does not mention this category separately.

In accordance with the Supreme Court's decision in [*Mazer v. Stein*, 347 U.S. 201 \[98 L. Ed. 2d 1096\]](#) (1954), works of "applied art" encompass all original pictorial, graphic, and sculptural works that are intended to be or have been embodied in useful articles, regardless of factors such as mass production, commercial exploitation, and the potential availability of design patent protection. The scope of exclusive rights in these works is given special treatment in section 113, to be discussed below.

The Committee has added language to the definition of "pictorial, graphic, and sculptural works" in an effort to make clearer the distinction between works of applied art protectable under the bill and industrial designs not subject to copyright protection. The declaration that "pictorial, graphic, and sculptural works" include "works of artistic craftsmanship insofar as their form but not their mechanical or utilitarian aspects are concerned" is classic language; it is drawn from Copyright Office regulations promulgated in the 1940's and expressly endorsed by the Supreme Court in the Mazer case.

The second part of the amendment states that "the design of a useful article . . . shall be considered a pictorial, graphic, or sculptural work only if, and only to the extent that, such design incorporates pictorial, graphic, or sculptural features that can be identified separately from, and are capable of existing independently of, the utilitarian aspects of the article." A "useful article" is defined as "an article having an intrinsic utilitarian function that is not merely to portray the appearance of the article or to convey information." This part of the amendment is an adaptation of language added to the Copyright Office Regulations in the mid-1950's in an effort to implement the Supreme Court's decision in the Mazer case.

In adopting this amendatory language, the Committee is seeking to draw as clear a line as possible between copyrightable works of applied art and uncopyrighted works of industrial design. A two-dimensional painting, drawing, or graphic work is still capable of being identified as such when it is printed on or applied to utilitarian articles such as textile fabrics, wallpaper, containers, and the like. The same is true when a statute or carving is used to embellish an industrial product or, as in the Mazer case, is incorporated into a product without losing its ability to exist independently as a work of art. On the other hand, although the shape of an industrial product may be aesthetically satisfying and valuable, the Committee's intention is not to offer it copyright protection under the bill. Unless the shape of an automobile, airplane, ladies' dress, food processor, television set, or any other industrial product contains some element that, physically or conceptually, can be identified as separable from the utilitarian aspects of that article, the design would not be copyrighted under the bill. The test of separability and independence from "the utilitarian aspects of the article" does not depend upon the nature of the design—that is, even if the appearance of an article is determined by esthetic (as opposed to functional) considerations, only elements, if any, which can be identified separately from the useful article as such are copyrightable. And, even if the three-dimensional design contains some such element (for example, a carving on the back of a chair or a floral relief design on silver flatware), copyright protection would extend only to that element, and would not cover the over-all configuration of the utilitarian article as such.

A special situation is presented by architectural works. An architect's plans and drawings would, of course, be protected by copyright, but the extent to which that protection would extend to the structure depicted would depend on the circumstances. Purely nonfunctional or monumental structures would be subject to full copyright protection under the bill, and the same would be true of artistic sculpture or decorative ornamentation or embellishment added to a structure. On the other hand, where the only elements of shape in an architectural design are conceptually inseparable from the utilitarian aspects of the structure, copyright protection for the design would not be available.

The Committee has considered, but chosen to defer, the possibility of protecting the design of typefaces. A "typeface" can be defined as a set of letters, numbers, or other symbolic characters, whose forms are related by repeating design elements consistently applied in a notational system and are intended to be embodied in articles whose intrinsic utilitarian function is for use in composing text or other cognizable combinations of characters. The Committee does not regard the design of typeface, as thus defined, to be a copyrightable "pictorial, graphic, or sculptural work" within the meaning of this bill and the application of the dividing line in section 101.

Enactment of [Public Law 92-140](#) in 1971 marked the first recognition in American copyright law of sound recordings as copyrightable works. As defined in section 101, copyrightable "sound recordings" are original works of authorship comprising an aggregate of musical, spoken, or other sounds that have been fixed in tangible form. The copyrightable work comprises the aggregation of sounds and not the tangible medium of fixation. Thus, "sound recordings" as copyrightable subject matter are distinguished from "phonorecords," the latter being physical objects in which sounds are fixed. They are also distinguished from any copyrighted literary, dramatic, or musical works that may be reproduced on a "phonorecord."

As a class of subject matter, sound recordings are clearly within the scope of the "writings of an author" capable of protection under the Constitution, and the extension of limited statutory protection to them was too long delayed. Aside from cases in which sounds are fixed by some purely mechanical means without originality of any kind, the copyright protection that would prevent the reproduction and distribution of unauthorized phonorecords of sound recordings is clearly justified.

The copyrightable elements in a sound recording will usually, though not always, involve "authorship" both on the part of the performers whose performance is captured and on the part of the record producer responsible for setting up the recording session, capturing and electronically processing the sounds, and compiling and editing them to make the final sound recording. There may, however, be cases where the record producer's contribution is so minimal that the performance is the only copyrightable element in the work, and there may be cases (for example, recordings of birdcalls, sounds of racing cars, et cetera) where only the record producer's contribution is copyrightable.

Sound tracks of motion pictures, long a nebulous area in American copyright law, are specifically included in the definition of "motion pictures," and excluded in the definition of "sound recordings." To be a "motion picture," as defined, requires three elements: (1) a series of images, (2) the capability of showing the images in certain successive order, and (3) an impression of motion when the images are thus shown. Coupled with the basic requirements of original authorship and fixation in tangible form, this definition encompasses a wide range of cinematographic works embodied in films, tapes, video disks, and other media. However, it would not include: (1) unauthorized fixation of live performances or telecasts, (2) live telecasts that are not fixed simultaneously with their transmission, or (3) filmstrips and slide sets which, although consisting of a series of images intended to be shown in succession, are not capable of conveying an impression of motion.

On the other hand, the bill equates audiovisual materials such as filmstrips, slide sets, and sets of transparencies with "motion pictures" rather than with "pictorial, graphic, and sculptural works." Their sequential showing is closer to a "performance" than to a "display," and the definition of "audiovisual works," which applies also to "motion pictures," embraces works consisting of a series of related images that are by their nature, intended for showing by means of projectors or other devices.

Nature of copyright. Copyright does not preclude others from using the ideas or information revealed by the author's work. It pertains to the literary, musical, graphic, or artistic form in which the author expressed intellectual concepts. Section 102(b) makes clear that copyright protection does not extend to any idea, procedure, process, system, method of operation, concept, principle, or discovery, regardless of the form in which it is described, explained, illustrated, or embodied in such work.

Some concern has been expressed lest copyright in computer programs should extend protection to the methodology or processes adopted by the programmer, rather than merely to the "writing" expressing his ideas. Section 102(b) is intended, among other things, to make clear that the expression adopted by the programmer is the copyrightable element in a computer program, and that the actual processes or methods embodied in the program are not within the scope of the copyright law.

Section 102(b) in no way enlarges or contracts the scope of copyright protection under the present law. Its purpose is to restate, in the context of the new single Federal system of copyright, that the basic dichotomy between expression and idea remains unchanged.