

8%	\$1,000	1 yr.	\$926	\$926
8%	\$1,000	10 yrs.	\$463	\$6,710
8%	\$1,000	50 yrs.	\$21	\$12,223
8%	\$1,000	100 yrs.	\$0.45	\$12,494

The bottom line is that at an 8% discount rate an anticipated return of \$1,000 fifty years from now has virtually no present value. The present value of \$1,000 a year for infinity is \$12,500, virtually all of it made in the first fifty years.

Now what does all of this have to do with *Edwards* cases? You may recall that the condemnation jury awarded \$396,000 for the value of the cave. The last year that Edwards was in operation, he earned, according to the court, \$23,341.50. The annual payment over a 100 years that has discounted present value of \$396,000 is \$23,830.23 at a 6% discount rate (which the court elsewhere says that it was using as an interest rate). That's remarkably close. Be that as it may be, Professor Ziff (*supra*, p. S142) reports that, in fact, that's not how the condemnation jury came to their number. They had a different annual revenue figure (\$39,600, which may be the gross revenue or, more likely, revenue for a different year) and multiplied it by 10. Professor Ziff also reports that the government never paid the money. Rather, the Edwards family continued to operate the cave until 1961, when they finally sold it to the federal government. Today, it is part of the Mammoth Cave National Park.

## Section 2. THE LABOR THEORY AND PROPERTY IN IDEAS

### *Note on the Labor Theory of Property and the Legal Protection of Ideas*

The United States Constitution provides that "The Congress shall have Power . . . to promote the Progress of Science and useful Arts, by securing for limited Times to Authors and Inventors the exclusive Right to their respective Writings and Discoveries . . . ." U.S. Const. Art. I, 8, cl. 8. Pursuant to this authority the Federal Government grants monopolies to inventors and authors by issuing patents (35 U.S.C. §§ 100–376 (1988)) and copyrights (17 U.S.C. § 1–810 (1988)). Trademarks (15 U.S.C. §§ 1051–1127 (1988)) are granted under the authority of the commerce clause but have a similar monopoly effect. The justification for these monopolies is normally stated to be that the issuance of them is for the good of society. By so benefitting the inventor or author, he will be more inspired to produce and more willing to make his work available to the public, and thus benefit all of society. (The justification for trademarks is somewhat different: the theory is that the public should be protected in its expectations concerning symbols which it associates with certain products.) But given a traditional distaste for monopolies, there may be other ways in which we could encourage inventors and authors. Many, indeed, have suggested that the present system is outmoded. *See* *Marconi Wireless Telegraph Co. v. United States*, 320 U.S. 1, 63–64 (1943) (Frankfurter, J., dissenting). At common law a right existed regarding copyrights and patents only so long as the author or creator did not publicly disclose the work; once exposed the right evaporated. *See* M. NIMMER, *NIMMER ON COPYRIGHT* §§ 4.02–4.03 (1991). A similar notion existed with respect to trademarks. The common law, therefore, discloses no necessity for a system like the present one, and it seems most probable that the labor theory is implicit in our conception of the desirability of a patent and copyright law. Indeed, the

theory is often voiced by defenders of the system. *See, e.g.*, *United States v. Line Material Co.*, 333 U.S. 287, 328–41 (1948) (Burton, J., dissenting). Considering these difficulties it is surprising that the courts do, on occasion, give injunctive protection to activities, even when they are outside the protection of the patent, copyright and trademark statutes. The following case, though old, has set the terms of the debate even for today:

**INTERNATIONAL NEWS SERVICE v. ASSOCIATED PRESS**

Supreme Court of the United States.

248 U.S. 215 (1918).

PITNEY, J. The parties are competitors in the gathering and distribution of news and its publication for profit in newspapers throughout the United [p\*125] States. The Associated Press, which was complainant in the District Court, is a cooperative organization, incorporated under the Membership Corporations Law of the State of New York, its members being individuals who are either proprietors or representatives of about 950 daily newspapers published in all parts of the United States. . . . Complainant gathers in all parts of the world, by means of various instrumentalities of its own, by exchange with its members, and by other appropriate means, news and intelligence of current and recent events of interest to newspaper readers and distributes it daily to its members for publication in their newspapers. The cost of the service, amounting approximately to \$3,500,000 per annum, is assessed upon the members and becomes a part of their costs of operation, to be recouped, presumably with profit, through the publication of their several newspapers. . . .

Defendant is a corporation organized under the laws of the State of New Jersey, whose business is the gathering and selling of news to its customers and clients, consisting of newspapers published throughout the United States, under contracts by which they pay certain amounts at stated times for defendant's service. It has wide-spread news-gathering agencies; the cost of its operations amounts, it is said, to more than \$2,000,000 per annum; and it serves about 400 newspapers located in the various cities of the United States and abroad, a few of which are represented, also, in the membership of the Associated Press.

The parties are in the keenest competition between themselves in the distribution of news throughout the United States; and so, as a rule, are the newspapers that they serve, in their several districts.

Complainant in its bill, defendant in its answer, have set forth in almost identical terms the rather obvious circumstances and conditions under which their business is conducted. The value of the service, and of the news furnished, depends upon the promptness of transmission, as well as upon the accuracy and impartiality of the news; it being essential that the news be transmitted to members or subscribers as early or earlier than similar information can be furnished to competing newspapers by other news services, and that the news furnished by each agency shall not be furnished to newspapers which do not contribute to the expense of gathering it. . . .

The only matter that has been argued before us is whether defendant may lawfully be restrained from appropriating news taken from bulletins issued by complainant or any of its members, or from newspapers published by them, for the purpose of selling it to defendant's clients. Complainant asserts that defendant's admitted course of conduct in this regard both violates complainant's property right in the news and constitutes unfair competition in business. . . .

The federal jurisdiction was invoked because of diversity of citizenship, not upon the ground that the suit arose under the copyright or other laws of the United States. Complainant's news matter is not copyrighted. It is said that it could not, in practice, be copyrighted, because of the large number of dispatches that are sent daily; and, according to complainant's contention, news is not within the operation of the copyright act. Defendant, while apparently conceding this,

nevertheless invokes the analogies of the law of literary property and copyright, insisting as its principal contention that, assuming complainant has a right of property in its news, it can be maintained (unless the copyright act be complied with) only by being kept secret and confidential, and that upon the publication with complainant's consent of uncopyrighted news by any of complainant's members in a [p\*126] newspaper or upon a bulletin board, the right of property is lost, and the subsequent use of the news by the public or by defendant for any purpose whatever becomes lawful. . . .

In considering the general question of property in news matter, it is necessary to recognize its dual character, distinguishing between the substance of the information and the particular form or collocation of words in which the writer has communicated it.

No doubt news articles often possess a literary quality, and are the subject of literary property at the common law; nor do we question that such an article, as a literary production, is the subject of copyright by the terms of the act as it now stands. . . . But the news element—the information respecting current events contained in the literary production—is not the creation of the writer, but is a report of matters that ordinarily are *publici juris*; it is the history of the day. It is not to be supposed that the framers of the Constitution, when they empowered Congress “to promote the progress of science and useful arts, by securing for limited times to authors and inventors the exclusive right to their respective writings and discoveries” (Const., Art 1, 8, par. 8), intended to confer upon one who might happen to be the first to report a historic event the exclusive right for any period to spread the knowledge of it.

We need spend no time, however, upon the general question of property in news matter at common law, or the application of the copyright act, since it seems to us the case must turn upon the question of unfair competition in business. And, in our opinion, this does not depend upon any general right of property analogous to the common-law right of the proprietor of an unpublished work to prevent its publication without his consent; nor is it foreclosed by showing that the benefits of the copyright act have been waived. We are dealing here not with restrictions upon publication but with the very facilities and processes of publication. The peculiar value of news is in the spreading of it while it is fresh; and it is evident that a valuable property interest in the news, as news, cannot be maintained by keeping it secret. Besides, except for matters improperly disclosed, or published in breach of trust or confidence, or in violation of law, none of which is involved in this branch of the case, the news of current events may be regarded as common property. What we are concerned with is the business of making it known to the world, in which both parties to the present suit are engaged. That business consists in maintaining a prompt, sure, steady, and reliable service designed to place the daily events of the world at the breakfast table of the millions at a price that, while of trifling moment to each reader, is sufficient in the aggregate to afford compensation for the cost of gathering and distributing it, with the added profit so necessary as an incentive to effective action in the commercial world. The service thus performed for newspaper readers is not only innocent but extremely useful in itself, and indubitably constitutes a legitimate business. The parties are competitors in this field; and, on fundamental principles, applicable here as elsewhere, when the rights or privileges of the one are liable to conflict with those of the other, each party is under a duty so to conduct its own business as not unnecessarily or unfairly to injure that of the other. [Citation omitted.]

Obviously, the question of what is unfair competition in business must be determined with particular reference to the character and circumstances of the business. The question here is not so much the rights of either party as against the public but their rights as between themselves. [Citation omitted.] And although we may and do assume that neither party has any [p\*127] remaining property interest as against the public in uncopyrighted news matter after the moment of its first publication, it by no means follows that there is no remaining property interest in it as between themselves. For, to both of them alike, news matter, however little susceptible of

ownership or dominion in the absolute sense, is stock in trade, to be gathered at the cost of enterprise, organization, skill, labor, and money, and to be distributed and sold to those who will pay money for it, as for any other merchandise. Regarding the news, therefore, as but the material out of which both parties are seeking to make profits at the same time and in the same field, we hardly can fail to recognize that for this purpose, and as between them, it must be regarded as quasi property, irrespective of the rights of either as against the public. . . .

Not only do the acquisition and transmission of news require elaborate organization and a large expenditure of money, skill, and effort; not only has it an exchange value to the gatherer, dependent chiefly upon its novelty and freshness, the regularity of the service, its reputed reliability and thoroughness, and its adaptability to the public needs; but also, as is evident, the news has an exchange value to one who can misappropriate it.

The peculiar features of the case arise from the fact that, while novelty and freshness form so important an element in the success of the business, the very processes of distribution and publication necessarily occupy a good deal of time. Complainant's service, as well as defendant's, is a daily service to daily newspapers; most of the foreign news reaches this country at the Atlantic seaboard, principally at the City of New York, and because of this, and of time differentials due to the earth's rotation, the distribution of news matter throughout the country is principally from east to west; and, since in speed the telegraph and telephone easily outstrip the rotation of the earth, it is a simple matter for defendant to take complainant's news from bulletins or early editions of complainant's members in the eastern cities and at the mere cost of telegraphic transmission cause it to be published in western papers issued at least as early as those served by complainant. Besides this, and irrespective of time differentials, irregularities in telegraphic transmission on different lines, and the normal consumption of time in printing and distributing the newspaper, result in permitting pirated news to be placed in the hands of defendant's readers sometimes simultaneously with the service of competing Associated Press papers, occasionally even earlier.

Defendant insists that when, with the sanction and approval of complainant, and as the result of the use of its news for the very purpose for which it is distributed, a portion of complainant's members communicate it to the general public by posting it upon bulletin boards so that all may read or by issuing it to newspapers and distributing it indiscriminately, complainant no longer has the right to control the use to be made of it; that when it thus reaches the light of day it becomes the common possession of all to whom it is accessible; and that any purchaser of a newspaper has the right to communicate the intelligence which it contains to anybody and for any purpose, even for the purpose of selling it for profit to newspapers published for profit in competition with complainant's members.

The fault in the reasoning lies in applying as a test the right of the complainant as against the public, instead of considering the rights of complainant and defendant, competitors in business, as between themselves. The right of the purchaser of a single newspaper to spread knowledge of its contents gratuitously, for any legitimate purpose not unreasonably interfering with complainant's right to make merchandise of it, may be admitted; but to transmit that news for commercial use, in competition with complainant [p\*128]-which is what defendant has done and seeks to justify-is a very different matter. In doing this defendant, by its very act, admits that it is taking material that has been acquired by complainant as the result of organization and the expenditure of labor, skill and money, and which is salable by complainant for money, and that defendant in appropriating it and selling it as its own is endeavoring to reap where it has not sown, and by disposing of it to newspapers that are competitors of complainant's members is appropriating to itself the harvest of those who have sown. Stripped of all disguises, the process amounts to an unauthorized interference with the normal operation of complainant's legitimate business precisely at the point where the profit is to be reaped, in order to divert a material portion of the

profit from those who have earned it to those who have not; with special advantage to defendant in the competition because of the fact that it is not burdened with any part of the expense of gathering the news. The transaction speaks for itself, and a court of equity ought not to hesitate long in characterizing it as unfair competition in business. . . .

It is to be observed that the view we adopt does not result in giving to complainant the right to monopolize either the gathering or the distribution of the news, or, without complying with the copyright act, to prevent the reproduction of its news articles; but only postpones participation by complainant's competitor in the process of distribution and reproduction of news that it has not gathered, and only to the extent necessary to prevent that competitor from reaping the fruits of complainant's efforts and expenditure, to the partial exclusion of complainant, and in violation of the principle that underlies the maxim *sic utere tuo*, etc. . . .

HOLMES, J. When an uncopyrighted combination of words is published there is no general right to forbid other people repeating them—in other words there is no property in the combination or in the thoughts or facts that the words express. Property, a creation of law, does not arise from value, although exchangeable—a matter of fact. Many exchangeable values may be destroyed intentionally without compensation. Property depends upon exclusion by law from interference, and a person is not excluded from using any combination of words merely because someone has used it before, even if it took labor and genius to make it. If a given person is to be prohibited from making the use of words that his neighbors are free to make some other ground must be found. One such ground is vaguely expressed in the phrase *unfair trade*. This means that the words are repeated by a competitor in business in such a way as to convey a misrepresentation that materially injures the person who first used them, by appropriating credit of some kind which the first user has earned. The ordinary case is a representation by device, appearance, or other indirection that the defendant's goods come from the plaintiff. But the only reason why it is actionable to make such a representation is that it tends to give the defendant an advantage in his competition with the plaintiff and that it is thought undesirable that an advantage should be gained in that way. Apart from that the defendant may use such unpatented devices and uncopyrighted combinations of words as he likes. The ordinary case, I say, is palming off the defendant's product as the plaintiff's but the same evil may follow from the opposite falsehood—from saying, whether in words or by implication, that the plaintiff's product is the defendant's, and that, it seems to me, is what has happened here.

Fresh news is got only by enterprise and expense. To produce such news as it is produced by the defendant represents by implication that it has been acquired by the defendant's enterprise and at its expense. When it comes from one of the great news-collecting agencies like the Associated [p\*129] Press, the source generally is indicated, plainly importing that credit; and that such a representation is implied may be inferred with some confidence from the unwillingness of the defendant to give the credit and tell the truth. If the plaintiff produces the news at the same time that the defendant does, the defendant's presentation impliedly denies to the plaintiff the credit of collecting the facts and assumes that credit to the defendant. If the plaintiff is later in western cities it naturally will be supposed to have obtained its information from the defendant. The falsehood is a little more subtle, the injury a little more indirect, than in ordinary cases of unfair trade, but I think that the principle that condemns the one condemns the other. It is a question of how strong an infusion of fraud is necessary to turn a flavor into a poison. The dose seems to me strong enough here to need a remedy from the law. But as, in my view, the only ground of complaint that can be recognized without legislation is the implied misstatement, it can be corrected by stating the truth; and a suitable acknowledgment of the source is all that the plaintiff can require. I think that within the limits recognized by the decision of the Court the defendant should be enjoined from publishing news obtained from the Associated Press for \_\_\_\_\_ hours after publication by the plaintiff unless it gives express credit to the Associated Press; the number of hours and the form of acknowledgment to be settled by the District Court. . . .

BRANDEIS, J., dissenting.

No question of statutory copyright is involved. The sole question for our consideration is this: Was the International News Service properly enjoined from using, or causing to be used gainfully, news of which it acquired knowledge by lawful means (namely, by reading publicly posted bulletins or papers purchased by it in the open market) merely because the news had been originally gathered by the Associated Press and continued to be of value to some of its members, or because it did not reveal the source from which it was acquired? . . .

News is a report of recent occurrences. The business of the news agency is to gather systematically knowledge of such occurrences of interest and to distribute reports thereof. The Associated Press contended that knowledge so acquired is property, because it costs money and labor to produce and because it has value for which those who have it not are ready to pay; that it remains property and is entitled to protection as long as it has commercial value as news; and that to protect it effectively the defendant must be enjoined from making or causing to be made, any gainful use of it while it retains such value. An essential element of individual property is the legal right to exclude others from enjoying it. If the property is private, the right of exclusion may be absolute; if the property is affected with a public interest, the right of exclusion is qualified. But the fact that a product of the mind has cost its producer money and labor, and has a value for which others are willing to pay, is not sufficient to ensure to it this legal attribute of property. The general rule of law is, that the noblest of human productions—knowledge, truths ascertained, conceptions, and ideas—become, after voluntary communication to others, free as the air to common use. Upon these incorporeal productions the attribute of property is continued after such communication only in certain classes of cases where public policy has seemed to demand it. These exceptions are confined to productions which, in some degree, involve creation, invention, or discovery. But by no means all such are endowed with this attribute of property. The creations which are recognized as property by the common law are literary, dramatic, musical, and other artistic creations; and these have also protection under [p\*130] the copyright statutes. The inventions and discoveries upon which this attribute of property is conferred only by statute, are the few comprised within the patent law. There are also many other cases in which courts interfere to prevent curtailment of plaintiff's enjoyment of incorporeal productions; and in which the right to relief is often called a property right, but is such only in a special sense. In those cases, the plaintiff has no absolute right to the protection of his production; he has merely the qualified right to be protected as against the defendant's acts, because of the special relation in which the latter stands or the wrongful method or means employed in acquiring the knowledge or the manner in which it is used. Protection of this character is afforded where the suit is based upon breach of contract or of trust or upon unfair competition.

The knowledge for which protection is sought in the case at bar is not of a kind upon which the law has heretofore conferred the attributes of property; nor is the manner of its acquisition or use nor the purpose to which it is applied, such as has heretofore been recognized as entitling a plaintiff to relief. . . .

That competition is not unfair in a legal sense, merely because the profits gained are unearned, even if made at the expense of a rival, is shown by many cases besides those referred to above. He who follows the pioneer into a new market, or who engages in the manufacture of an article newly introduced by another, seeks profits due largely to the labor and expense of the first adventurer; but the law sanctions, indeed encourages, the pursuit. He who makes a city known through his product, must submit to sharing the resultant trade with others who, perhaps for that reason, locate there later. [Citations omitted.] He who had made his name a guaranty of quality, protests in vain when another with the same name engages, perhaps for that reason, in the same lines of business; provided, precaution is taken to prevent the public from being deceived into the belief that what he is selling was made by his competitor. . . .

The means by which the International News Service obtains news gathered by the Associated Press is also clearly unobjectionable. It is taken from papers bought in the open market or from bulletins publicly posted. No breach of contract such as the court considered to exist in *Hitchman Coal & Coke Co. v. Mitchell*, 245 U.S. 229, 254; or of trust such as was present in *Morison v. Moat*, 9 Hare, 241; and neither fraud nor force, is involved. The manner of use is likewise unobjectionable. No reference is made by word or by act to the Associated Press, either in transmitting the news to subscribers or by them in publishing it in their papers. Neither the International News Service nor its subscribers is gaining or seeking to gain in its business a benefit from the reputation of the Associated Press. They are merely using its product without making compensation. [Citations omitted.] That, they have a legal right to do; because the product is not property, and they do not stand in any relation to the Associated Press, either of contract or of trust, which otherwise precludes such use. The argument is not advanced by characterizing such taking and use a misappropriation. . . .

. . . The great development of agencies now furnishing country-wide distribution of news, the vastness of our territory, and improvements in the means of transmitting intelligence, have made it possible for a news agency or newspapers to obtain, without paying compensation, the fruit of another's efforts and to use news so obtained gainfully in competition with the original collector. The injustice of such action is obvious. But to give relief against it would involve more than the application of existing rules of law to new facts. It would require the making of a new rule in analogy to existing ones. [p\*131] The unwritten law possesses capacity for growth; and has often satisfied new demands for justice by invoking analogies or by expanding a rule or principle. This process has been in the main wisely applied and should not be discontinued. Where the problem is relatively simple, as it is apt to be when private interests only are involved, it generally proves adequate. But with the increasing complexity of society, the public interest tends to become omnipresent; and the problems presented by new demands for justice cease to be simple. Then the creation or recognition by courts of a new private right may work serious injury to the general public, unless the boundaries of the right are definitely established and wisely guarded. . . .

Courts are ill-equipped to make the investigations which should precede a determination of the limitations which should be set upon any property right in news or of the circumstances under which news gathered by a private agency should be deemed affected with a public interest. Courts would be powerless to prescribe the detailed regulations essential to full enjoyment of the rights conferred or to introduce the machinery required for enforcement of such regulations. Considerations such as these should lead us to decline to establish a new rule of law in the effort to redress a newly-disclosed wrong, although the propriety of some remedy appears to be clear.

### *Notes and Questions*

1. Over ninety years have passed since the principal case was handed down, but the problem which it poses remains with us. *See, e.g., Zacchini v. Scripps-Howard Broadcasting Co.*, 433 U.S. 562 (1977) (5-4) (first amendment does not prevent Ohio courts from awarding damages to a performer whose "human cannonball" act was televised without his permission). Part of the reason for the persistence of the problem lies in the fact noted in Justice Brandeis' dissent: technology moves faster than the law. How should the solution offered in the principal case be applied to cable television? The copier? The camcorder? Computer software? A product of genetic engineering? Part of the reason for the persistence of the problem lies in our federal system of government. The federal antitrust laws establish a policy of free competition; the federal patent, copyright and trademark laws create limited exceptions. Is there any room for a state (or federal) common law of "unfair competition", room for a state statute protecting creative effort falling outside the federal statute? Should such state law provide protection in circumstances like those of the principal case? Consider the following:

(a) The federal copyright act now explicitly preempts “all legal or equitable rights that are equivalent to any of the exclusive rights” it establishes. 42 U.S.C. § 301 (1988).

(b) The patent act has been held to have similar effect. In *Bonito Boats, Inc. v. Thunder Craft Boats, Inc.*, 489 U.S. 141 (1989), for example, the Supreme Court held that a Florida statute prohibiting the copying of boat hull designs (not patentable under the federal act) was preempted. [p\*132]

2. Another underlying reason for the persistence of the problem may go deeper: the Associated Press is obviously a long way from the savage collecting his acorns in Locke’s homely tale of the origins of property; yet it is seeking to use Locke’s theory to protect its undeniable expenditure of effort. If society protects Associated Press with an injunction, Associated Press may well acquire a monopoly. If Associated Press goes unprotected, what has happened to Locke’s theory? Is there any principled way to draw the line? Would the problem be easier, if, as some have suggested, injunctive protection were not so frequently given when “property” was at stake, but damages were awarded instead? See Calabresi & Melamed, *Property Rules and Liability Rules: One View of the Cathedral*, 85 HARV. L. REV. 1089 (1972).

Critics of the labor theory point out that while it may furnish justification for recognizing a property right it generally offers little help in setting limits when the individual’s labor is mixed with what is previously unowned or owned by another. See Rose, *Possession as the Origin of Property*, 52 U. CHI. L. REV. 73, 74 (1985) which invokes this hypothetical from Robert Nozick’s ANARCHY, STATE AND UTOPIA 175 (1974): “Suppose I pour a can of tomato juice [my labor] into the ocean: do I now own the Seas?”

3. In *Dillon v. United States*, 230 F. Supp. 487 (D. Or. 1964), *rev’d*, 346 F.2d 633 (9th Cir. 1965), *cert. denied*, 382 U.S. 978 (1966), the district court held that it was an unconstitutional taking of property to require a lawyer to represent an indigent in a criminal proceeding without paying compensation. The court ordered that compensation be paid the lawyer for his services. The court of appeals, in reversing, held that there has been no “taking,” expressly refused to reach the issue of whether the lawyer’s services were “property,” and suggested that the matter was for Congress to decide. The Court of Appeals decision in *Dillon* was cited with approval by the Supreme Court in *Hurtado v. United States*, 410 U.S. 578, 589 (1973) and has been widely followed. *But see* Family Division Trial Lawyers of Superior Court-D.C., Inc. v. Moultrie, 725 F.2d 695 (D.C. Cir. 1984).

What distinction can you see between the *Dillon* situation and the *AP* case? Does this distinction tell you anything about the labor theory of property?

### **FEIST PUBLICATIONS, INC., v. RURAL TELEPHONE SERVICE COMPANY, INC.**

Supreme Court of the United States

499 U.S. 340 (1991)

O’CONNOR J., delivered the opinion of the Court, in which REHNQUIST, C.J., and WHITE, MARSHALL, STEVENS, SCALIA, KENNEDY, and SOUTER, JJ., joined. BLACKMUN, J., concurred in the judgment.

O’CONNOR J. This case requires us to clarify the extent of copyright protection available to telephone directory white pages.

## **I**

Rural Telephone Service Company, Inc., is a certified public utility that provides telephone service to several communities in northwest Kansas. It is subject to a state regulation that requires all telephone companies operating in Kansas to issue annually an updated telephone directory. Accordingly, as a condition of its monopoly franchise, Rural publishes a typical telephone directory, consisting of white pages and yellow pages. The white pages list in alphabetical order



the names of Rural's subscribers, together with their towns and telephone numbers. The yellow pages list Rural's business subscribers alphabetically by category and feature classified advertisements of various sizes. Rural distributes its directory free of charge to its subscribers, but earns revenue by selling yellow pages advertisements.

Feist Publications, Inc., is a publishing company that specializes in area-wide telephone directories. Unlike a typical directory, which covers only a particular calling area, Feist's area-wide directories cover a much larger geographical range, reducing the need to call directory assistance or consult multiple directories. The Feist directory that is the subject of this litigation covers 11 different telephone service areas in 15 counties and contains 46,878 white pages listings—compared to Rural's approximately 7,700 listings. Like Rural's directory, Feist's is distributed free of charge and includes both white pages and yellow pages. Feist and Rural compete vigorously for yellow pages advertising.

As the sole provider of telephone service in its service area, Rural obtains subscriber information quite easily. Persons desiring telephone service must apply to Rural and provide their names and addresses; Rural then assigns them a telephone number. Feist is not a telephone company, let alone one with monopoly status, and therefore lacks independent access to any subscriber information. To obtain white pages listings for its area-wide directory, Feist approached each of the 11 telephone companies operating in northwest Kansas and offered to pay for the right to use its white pages listings.

Of the 11 telephone companies, only Rural refused to license its listings to Feist. Rural's refusal created a problem for Feist, as omitting these listings would have left a gaping hole in its area-wide directory, rendering it less attractive to potential yellow pages advertisers. In a decision subsequent to that which we review here, the District Court determined that this was precisely the reason Rural refused to license its listings. The refusal was motivated by an unlawful purpose "to extend its monopoly in telephone service to a monopoly in yellow pages advertising." *Rural Telephone Service Co. v. Feist Publications, Inc.*, 737 F.Supp. 610, 622 (Kan.1990).

Unable to license Rural's white pages listings, Feist used them without Rural's consent. Feist began by removing several thousand listings that fell outside the geographic range of its area-wide directory, then hired personnel to investigate the 4,935 that remained. These employees verified the data reported by Rural and sought to obtain additional information. As a result, a typical Feist listing includes the individual's street address; most of Rural's listings do not. Notwithstanding these additions, however, 1,309 of the 46,878 listings in Feist's 1983 directory were identical to listings in Rural's 1982-1983 white pages. App. 54 (¶ 15-16), 57. Four of these were fictitious listings that Rural had inserted into its directory to detect copying.

Rural sued for copyright infringement in the District Court for the District of Kansas taking the position that Feist, in compiling its own directory, could not use the information contained in Rural's white pages. Rural asserted that Feist's employees were obliged to travel door-to-door or conduct a telephone survey to discover the same information for themselves. Feist responded that such efforts were economically impractical and, in any event, unnecessary because the information copied was beyond the scope of copyright protection. The District Court granted summary judgment to Rural, explaining that "[c]ourts have consistently held that telephone directories are copyrightable" and citing a string of lower court decisions. 663 F.Supp. 214, 218 (1987). In an unpublished opinion, the Court of Appeals for the Tenth Circuit affirmed "for substantially the reasons given by the district court." App. to Pet. for Cert. 4a, judgt. order reported at 916 F.2d 718 (1990). We granted certiorari, 498 U.S. 808 (1990), to determine whether the copyright in Rural's directory protects the names, towns, and telephone numbers copied by Feist.

## A

This case concerns the interaction of two well-established propositions. The first is that facts are not copyrightable; the other, that compilations of facts generally are. Each of these propositions possesses an impeccable pedigree. That there can be no valid copyright in facts is universally understood. The most fundamental axiom of copyright law is that “[n]o author may copyright his ideas or the facts he narrates.” *Harper & Row, Publishers, Inc. v. Nation Enterprises*, 471 U.S. 539, 556 (1985). Rural wisely concedes this point, noting in its brief that “[f]acts and discoveries, of course, are not themselves subject to copyright protection.” Brief for Respondent 24. At the same time, however, it is beyond dispute that compilations of facts are within the subject matter of copyright. Compilations were expressly mentioned in the Copyright Act of 1909, and again in the Copyright Act of 1976.

There is an undeniable tension between these two propositions. Many compilations consist of nothing but raw data—i.e., wholly factual information not accompanied by any original written expression. On what basis may one claim a copyright in such a work? Common sense tells us that 100 uncopyrightable facts do not magically change their status when gathered together in one place. Yet copyright law seems to contemplate that compilations that consist exclusively of facts are potentially within its scope.

The key to resolving the tension lies in understanding why facts are not copyrightable. The sine qua non of copyright is originality. To qualify for copyright protection, a work must be original to the author. See *Harper & Row, supra*, at 547-549. Original, as the term is used in copyright, means only that the work was independently created by the author (as opposed to copied from other works), and that it possesses at least some minimal degree of creativity. 1 M. Nimmer & D. Nimmer, Copyright §§ 2.01[A], [B] (1990) (hereinafter Nimmer). To be sure, the requisite level of creativity is extremely low; even a slight amount will suffice. The vast majority of works make the grade quite easily, as they possess some creative spark, “no matter how crude, humble or obvious” it might be. *Id.*, § 1.08[C] [1]. Originality does not signify novelty; a work may be original even though it closely resembles other works so long as the similarity is fortuitous, not the result of copying. To illustrate, assume that two poets, each ignorant of the other, compose identical poems. Neither work is novel, yet both are original and, hence, copyrightable. See *Sheldon v. Metro-Goldwyn Pictures Corp.*, 81 F.2d 49, 54 (CA2 1936).

Originality is a constitutional requirement. The source of Congress’ power to enact copyright laws is Article I, § 8, cl. 8, of the Constitution, which authorizes Congress to “secur[e] for limited Times to Authors . . . the exclusive Right to their respective Writings.” In two decisions from the late 19th century—*The Trade-Mark Cases*, 100 U.S. 82 (1879); and *Burrow-Giles Lithographic Co. v. Sarony*, 111 U.S. 53 (1884)—this Court defined the crucial terms “authors” and “writings.” In so doing, the Court made it unmistakably clear that these terms presuppose a degree of originality. . . .

The originality requirement articulated in *The Trade-Mark Cases* and *Burrow-Giles* remains the touchstone of copyright protection today. See *Goldstein v. California*, 412 U.S. 546, 561-562 (1973). It is the very “premise of copyright law.” *Miller v. Universal City Studios, Inc.*, 650 F.2d 1365, 1368 (CA5 1981). Leading scholars agree on this point. [Discussion omitted.]

It is this bedrock principle of copyright that mandates the law’s seemingly disparate treatment of facts and factual compilations. “No one may claim originality as to facts.” *Id.*, § 2.11[A], p. 2-157. This is because facts do not owe their origin to an act of authorship. The distinction is one between creation and discovery: The first person to find and report a particular fact has not created the fact; he or she has merely discovered its existence. To borrow from *Burrow-Giles*, one who discovers a fact is not its “maker” or “originator.” 111 U.S., at 58. [Discussion of secondary authority omitted.]

Factual compilations, on the other hand, may possess the requisite originality. The compilation author typically chooses which facts to include, in what order to place them, and how to arrange the collected data so that they may be used effectively by readers. These choices as to selection and arrangement, so long as they are made independently by the compiler and entail a minimal degree of creativity, are sufficiently original that Congress may protect such compilations through the copyright laws. [Citations omitted.] Thus, even a directory that contains absolutely no protectible written expression, only facts, meets the constitutional minimum for copyright protection if it features an original selection or arrangement. See *Harper & Row*, 471 U.S., at 547. Accord, *Nimmer* § 3.03.

This protection is subject to an important limitation. The mere fact that a work is copyrighted does not mean that every element of the work may be protected. Originality remains the sine qua non of copyright; accordingly, copyright protection may extend only to those components of a work that are original to the author. [Citations omitted]. Thus, if the compilation author clothes facts with an original collocation of words, he or she may be able to claim a copyright in this written expression. Others may copy the underlying facts from the publication, but not the precise words used to present them. In *Harper & Row*, for example, we explained that President Ford could not prevent others from copying bare historical facts from his autobiography, see 471 U.S., at 556-557, but that he could prevent others from copying his “subjective descriptions and portraits of public figures.” *Id.*, at 563. Where the compilation author adds no written expression but rather lets the facts speak for themselves, the expressive element is more elusive. The only conceivable expression is the manner in which the compiler has selected and arranged the facts. Thus, if the selection and arrangement are original, these elements of the work are eligible for copyright protection. See Patry, *Copyright in Compilations of Facts (or Why the “White Pages” Are Not Copyrightable)*, 12 Com. & Law 37, 64 (Dec. 1990) (hereinafter Patry). No matter how original the format, however, the facts themselves do not become original through association. See *Patterson & Joyce* 776.

This inevitably means that the copyright in a factual compilation is thin. Notwithstanding a valid copyright, a subsequent compiler remains free to use the facts contained in another’s publication to aid in preparing a competing work, so long as the competing work does not feature the same selection and arrangement. [Discussion of secondary authority omitted.]

It may seem unfair that much of the fruit of the compiler’s labor may be used by others without compensation. As Justice Brennan has correctly observed, however, this is not “some unforeseen byproduct of a statutory scheme.” *Harper & Row*, 471 U.S., at 589 (dissenting opinion). It is, rather, “the essence of copyright,” *ibid.*, and a constitutional requirement. The primary objective of copyright is not to reward the labor of authors, but “[t]o promote the Progress of Science and useful Arts.” Art. I, § 8, cl. 8. Accord, *Twentieth Century Music Corp. v. Aiken*, 422 U.S. 151, 156 (1975). To this end, copyright assures authors the right to their original expression, but encourages others to build freely upon the ideas and information conveyed by a work. *Harper & Row*, *supra*, 471 U.S., at 556-557. This principle, known as the idea/expression or fact/expression dichotomy, applies to all works of authorship. As applied to a factual compilation, assuming the absence of original written expression, only the compiler’s selection and arrangement may be protected; the raw facts may be copied at will. This result is neither unfair nor unfortunate. It is the means by which copyright advances the progress of science and art.

This Court has long recognized that the fact/expression dichotomy limits severely the scope of protection in fact-based works. More than a century ago, the Court observed: “The very object of publishing a book on science or the useful arts is to communicate to the world the useful knowledge which it contains. But this object would be frustrated if the knowledge could not be

used without incurring the guilt of piracy of the book.” *Baker v. Selden*, 101 U.S. 99, 103 (1880). We reiterated this point in *Harper & Row*:

“[N]o author may copyright facts or ideas. The copyright is limited to those aspects of the work—termed ‘expression’—that display the stamp of the author’s originality.

“[C]opyright does not prevent subsequent users from copying from a prior author’s work those constituent elements that are not original—for example . . . facts, or materials in the public domain—as long as such use does not unfairly appropriate the author’s original contributions.” 471 U.S., at 547-548 (citation omitted).

This, then, resolves the doctrinal tension: Copyright treats facts and factual compilations in a wholly consistent manner. Facts, whether alone or as part of a compilation, are not original and therefore may not be copyrighted. A factual compilation is eligible for copyright if it features an original selection or arrangement of facts, but the copyright is limited to the particular selection or arrangement. In no event may copyright extend to the facts themselves.

## B

As we have explained, originality is a constitutionally mandated prerequisite for copyright protection. The Court’s decisions announcing this rule predate the Copyright Act of 1909, but ambiguous language in the 1909 Act caused some lower courts temporarily to lose sight of this requirement. . . .

Most courts construed the 1909 Act correctly, notwithstanding the less-than-perfect statutory language. They understood from this Court’s decisions that there could be no copyright without originality. . . . But some courts misunderstood the statute. . . .

Making matters worse, these courts developed a new theory to justify the protection of factual compilations. Known alternatively as “sweat of the brow” or “industrious collection,” the underlying notion was that copyright was a reward for the hard work that went into compiling facts. The classic formulation of the doctrine appeared in *Jeweler’s Circular Publishing Co.*, 281 F., at 88:

“The right to copyright a book upon which one has expended labor in its preparation does not depend upon whether the materials which he has collected consist or not of matters which are publici juris, or whether such materials show literary skill or originality, either in thought or in language, or anything more than industrious collection. The man who goes through the streets of a town and puts down the names of each of the inhabitants, with their occupations and their street number, acquires material of which he is the author” (emphasis added).

The “sweat of the brow” doctrine had numerous flaws, the most glaring being that it extended copyright protection in a compilation beyond selection and arrangement—the compiler’s original contributions—to the facts themselves. Under the doctrine, the only defense to infringement was independent creation. A subsequent compiler was “not entitled to take one word of information previously published,” but rather had to “independently wor[k] out the matter for himself, so as to arrive at the same result from the same common sources of information.” *Id.*, at 88-89 (internal quotation marks omitted). “Sweat of the brow” courts thereby eschewed the most fundamental axiom of copyright law—that no one may copyright facts or ideas. See *Miller v. Universal City Studios, Inc.*, 650 F.2d, at 1372 (criticizing “sweat of the brow” courts because “ensur[ing] that later writers obtain the facts independently . . . is precisely the scope of protection given . . . copyrighted matter, and the law is clear that facts are not entitled to such protection”).

Decisions of this Court applying the 1909 Act make clear that the statute did not permit the “sweat of the brow” approach. The best example is *International News Service v. Associated*

Press, 248 U.S. 215 (1918). In that decision, the Court stated unambiguously that the 1909 Act conferred copyright protection only on those elements of a work that were original to the author. International News Service had conceded taking news reported by Associated Press and publishing it in its own newspapers. Recognizing that § 5 of the Act specifically mentioned “‘periodicals, including newspapers,’” § 5(b), the Court acknowledged that news articles were copyrightable. *Id.*, at 234. It flatly rejected, however, the notion that the copyright in an article extended to the factual information it contained: “[T]he news element—the information respecting current events contained in the literary production—is not the creation of the writer, but is a report of matters that ordinarily are publici juris; it is the history of the day.” *Ibid.*<sup>1</sup>

Without a doubt, the “sweat of the brow” doctrine flouted basic copyright principles. Throughout history, copyright law has “recognize[d] a greater need to disseminate factual works than works of fiction or fantasy.” *Harper & Row*, 471 U.S., at 563. Accord, Gorman, *Fact or Fancy: The Implications for Copyright*, 29 J. Copyright Soc. 560, 563 (1982). But “sweat of the brow” courts took a contrary view; they handed out proprietary interests in facts and declared that authors are absolutely precluded from saving time and effort by relying upon the facts contained in prior works. In truth, “[i]t is just such wasted effort that the proscription against the copyright of ideas and facts . . . [is] designed to prevent.” *Rosemont Enterprises, Inc. v. Random House, Inc.*, 366 F.2d 303, 310 (CA2 1966), *cert. denied* 385 U.S. 1009 (1967). “Protection for the fruits of such research . . . may in certain circumstances be available under a theory of unfair competition. But to accord copyright protection on this basis alone distorts basic copyright principles in that it creates a monopoly in public domain materials without the necessary justification of protecting and encouraging the creation of ‘writings’ by ‘authors.’” Nimmer § 3.04, p. 3-23 (footnote omitted).

### C

“Sweat of the brow” decisions did not escape the attention of the Copyright Office. When Congress decided to overhaul the copyright statute and asked the Copyright Office to study existing problems, see *Mills Music, Inc. v. Snyder*, 469 U.S. 153, 159 (1985), the Copyright Office promptly recommended that Congress clear up the confusion in the lower courts as to the basic standards of copyrightability. The Register of Copyrights explained in his first report to Congress that “originality” was a “basic requisit[e]” of copyright under the 1909 Act, but that “the absence of any reference to [originality] in the statute seems to have led to misconceptions as to what is copyrightable matter.” Report of the Register of Copyrights on the General Revision of the U.S. Copyright Law, 87th Cong., 1st Sess., p. 9 (H. Judiciary Comm. Print 1961). The Register suggested making the originality requirement explicit. *Ibid.*

Congress took the Register’s advice. In enacting the Copyright Act of 1976, Congress dropped the reference to “all the writings of an author” and replaced it with the phrase “original works of authorship.” 17 U.S.C. § 102(a). In making explicit the originality requirement, Congress announced that it was merely clarifying existing law: “The two fundamental criteria of copyright protection [are] originality and fixation in tangible form. . . . 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 [1909] copyright statute.” H.R.Rep. No. 94-1476, p. 51 (1976) (emphasis added) (hereinafter H.R.Rep.); S.Rep. No. 94-473, p. 50 (1975), U.S.Code Cong. & Admin.News 1976, pp. 5659, 5664 (emphasis added) (hereinafter S.Rep.). This sentiment was echoed by the Copyright Office: “Our intention here is to maintain the established standards of originality. . . .” Supplementary Report of the Register of

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<sup>1</sup>The Court ultimately rendered judgment for Associated Press on noncopyright grounds that are not relevant here. See 248 U.S., at 235, 241–242.

Copyrights on the General Revision of U.S. Copyright Law, 89th Cong., 1st Sess., pt. 6, p. 3 (H. Judiciary Comm. Print 1965) (emphasis added).

To ensure that the mistakes of the “sweat of the brow” courts would not be repeated, Congress took additional measures. For example, § 3 of the 1909 Act had stated that copyright protected only the “copyrightable component parts” of a work, but had not identified originality as the basis for distinguishing those component parts that were copyrightable from those that were not. The 1976 Act deleted this section and replaced it with § 102(b), which identifies specifically those elements of a work for which copyright is not available: “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.” Section 102(b) is universally understood to prohibit any copyright in facts. *Harper & Row, supra*, at 547, 556. Accord, Nimmer § 2.03[E] (equating facts with “discoveries”). As with § 102(a), Congress emphasized that § 102(b) did not change the law, but merely clarified it: “Section 102(b) in no way enlarges or contracts the scope of copyright protection under the present law. Its purpose is to restate . . . that the basic dichotomy between expression and idea remains unchanged.” H.R.Rep., at 57; S.Rep., at 54, U.S.Code Cong. & Admin.News 1976, p. 5670.

Congress took another step to minimize confusion by deleting the specific mention of “directories . . . and other compilations” in § 5 of the 1909 Act. As mentioned, this section had led some courts to conclude that directories were copyrightable per se and that every element of a directory was protected. In its place, Congress enacted two new provisions. First, to make clear that compilations were not copyrightable per se, Congress provided a definition of the term “compilation.” Second, to make clear that the copyright in a compilation did not extend to the facts themselves, Congress enacted § 103.

The definition of “compilation” is found in § 101 of the 1976 Act. It defines a “compilation” in the copyright sense as “a work formed by the collection and assembling of preexisting materials or of data that are selected, coordinated, or arranged in such a way that the resulting work as a whole constitutes an original work of authorship” (emphasis added).

The purpose of the statutory definition is to emphasize that collections of facts are not copyrightable per se. It conveys this message through its tripartite structure, as emphasized above by the italics. The statute identifies three distinct elements and requires each to be met for a work to qualify as a copyrightable compilation: (1) the collection and assembly of pre-existing material, facts, or data; (2) the selection, coordination, or arrangement of those materials; and (3) the creation, by virtue of the particular selection, coordination, or arrangement, of an “original” work of authorship. “[T]his tripartite conjunctive structure is self-evident, and should be assumed to ‘accurately express the legislative purpose.’” Patry 51, quoting *Mills Music*, 469 U.S., at 164.

At first glance, the first requirement does not seem to tell us much. It merely describes what one normally thinks of as a compilation—a collection of pre-existing material, facts, or data. What makes it significant is that it is not the sole requirement. It is not enough for copyright purposes that an author collects and assembles facts. To satisfy the statutory definition, the work must get over two additional hurdles. In this way, the plain language indicates that not every collection of facts receives copyright protection. Otherwise, there would be a period after “data.”

The third requirement is also illuminating. It emphasizes that a compilation, like any other work, is copyrightable only if it satisfies the originality requirement (“an original work of authorship”). Although § 102 states plainly that the originality requirement applies to all works, the point was emphasized with regard to compilations to ensure that courts would not repeat the mistake of the “sweat of the brow” courts by concluding that fact-based works are treated differently and measured by some other standard. As Congress explained it, the goal was to

“make plain that the criteria of copyrightable subject matter stated in section 102 apply with full force to works . . . containing preexisting material.” H.R.Rep., at 57; S.Rep., at 55, U.S.Code Cong. & Admin.News 1976, p. 5670.

The key to the statutory definition is the second requirement. It instructs courts that, in determining whether a fact-based work is an original work of authorship, they should focus on the manner in which the collected facts have been selected, coordinated, and arranged. This is a straightforward application of the originality requirement. Facts are never original, so the compilation author can claim originality, if at all, only in the way the facts are presented. To that end, the statute dictates that the principal focus should be on whether the selection, coordination, and arrangement are sufficiently original to merit protection.

Not every selection, coordination, or arrangement will pass muster. This is plain from the statute. It states that, to merit protection, the facts must be selected, coordinated, or arranged “in such a way” as to render the work as a whole original. This implies that some “ways” will trigger copyright, but that others will not. See *Patry* 57, and n. 76. Otherwise, the phrase “in such a way” is meaningless and Congress should have defined “compilation” simply as “a work formed by the collection and assembly of preexisting materials or data that are selected, coordinated, or arranged.” That Congress did not do so is dispositive. In accordance with “the established principle that a court should give effect, if possible, to every clause and word of a statute,” *Moskal v. United States*, 498 U.S. 103, 109–110 (1990) (internal quotation marks omitted), we conclude that the statute envisions that there will be some fact-based works in which the selection, coordination, and arrangement are not sufficiently original to trigger copyright protection.

As discussed earlier, however, the originality requirement is not particularly stringent. A compiler may settle upon a selection or arrangement that others have used; novelty is not required. Originality requires only that the author make the selection or arrangement independently (i.e., without copying that selection or arrangement from another work), and that it display some minimal level of creativity. Presumably, the vast majority of compilations will pass this test, but not all will. There remains a narrow category of works in which the creative spark is utterly lacking or so trivial as to be virtually nonexistent. See generally *Bleistein v. Donaldson Lithographing Co.*, 188 U.S. 239, 251 (1903) (referring to “the narrowest and most obvious limits”). Such works are incapable of sustaining a valid copyright. *Nimmer* § 2.01[B].

Even if a work qualifies as a copyrightable compilation, it receives only limited protection. This is the point of § 103 of the Act. Section 103 explains that “[t]he subject matter of copyright . . . includes compilations,” § 103(a), but that copyright protects only the author’s original contributions—not the facts or information conveyed:

“The copyright in a compilation . . . extends only to the material contributed by the author of such work, as distinguished from the preexisting material employed in the work, and does not imply any exclusive right in the preexisting material.” § 103(b).

As § 103 makes clear, copyright is not a tool by which a compilation author may keep others from using the facts or data he or she has collected. “The most important point here is one that is commonly misunderstood today: copyright . . . has no effect one way or the other on the copyright or public domain status of the preexisting material.” H.R.Rep., at 57; S.Rep., at 55, U.S.Code Cong. & Admin. News 1976, p. 5670. The 1909 Act did not require, as “sweat of the brow” courts mistakenly assumed, that each subsequent compiler must start from scratch and is precluded from relying on research undertaken by another. See, e.g., *Jeweler’s Circular Publishing Co.*, 281 F., at 88-89. Rather, the facts contained in existing works may be freely

copied because copyright protects only the elements that owe their origin to the compiler—the selection, coordination, and arrangement of facts.

In summary, the 1976 revisions to the Copyright Act leave no doubt that originality, not “sweat of the brow,” is the touchstone of copyright protection in directories and other fact-based works. Nor is there any doubt that the same was true under the 1909 Act. The 1976 revisions were a direct response to the Copyright Office’s concern that many lower courts had misconstrued this basic principle, and Congress emphasized repeatedly that the purpose of the revisions was to clarify, not change, existing law. The revisions explain with painstaking clarity that copyright requires originality, § 102(a); that facts are never original, § 102(b); that the copyright in a compilation does not extend to the facts it contains, § 103(b); and that a compilation is copyrightable only to the extent that it features an original selection, coordination, or arrangement, § 101.

The 1976 revisions have proven largely successful in steering courts in the right direction. A good example is *Miller v. Universal City Studios, Inc.*, 650 F.2d, at 1369-1370: “A copyright in a directory . . . is properly viewed as resting on the originality of the selection and arrangement of the factual material, rather than on the industriousness of the efforts to develop the information. Copyright protection does not extend to the facts themselves, and the mere use of information contained in a directory without a substantial copying of the format does not constitute infringement” (citation omitted). Additionally, the Second Circuit, which almost 70 years ago issued the classic formulation of the “sweat of the brow” doctrine in *Jeweler’s Circular Publishing Co.*, has now fully repudiated the reasoning of that decision. [Citations omitted.]. Even those scholars who believe that “industrious collection” should be rewarded seem to recognize that this is beyond the scope of existing copyright law. [Citations omitted.]

### III

There is no doubt that Feist took from the white pages of Rural’s directory a substantial amount of factual information. At a minimum, Feist copied the names, towns, and telephone numbers of 1,309 of Rural’s subscribers. Not all copying, however, is copyright infringement. To establish infringement, two elements must be proven: (1) ownership of a valid copyright, and (2) copying of constituent elements of the work that are original. See *Harper & Row*, 471 U.S., at 548. The first element is not at issue here; Feist appears to concede that Rural’s directory, considered as a whole, is subject to a valid copyright because it contains some foreword text, as well as original material in its yellow pages advertisements. See Brief for Petitioner 18; Pet. for Cert. 9.

The question is whether Rural has proved the second element. In other words, did Feist, by taking 1,309 names, towns, and telephone numbers from Rural’s white pages, copy anything that was “original” to Rural? Certainly, the raw data does not satisfy the originality requirement. Rural may have been the first to discover and report the names, towns, and telephone numbers of its subscribers, but this data does not “ow[e] its origin” to Rural. *Burrow-Giles*, 111 U.S., at 58. Rather, these bits of information are uncopyrightable facts; they existed before Rural reported them and would have continued to exist if Rural had never published a telephone directory. The originality requirement “rule[s] out protecting . . . names, addresses, and telephone numbers of which the plaintiff by no stretch of the imagination could be called the author.” *Patterson & Joyce* 776.

Rural essentially concedes the point by referring to the names, towns, and telephone numbers as “preexisting material.” Brief for Respondent 17. Section 103(b) states explicitly that the copyright in a compilation does not extend to “the preexisting material employed in the work.”

The question that remains is whether Rural selected, coordinated, or arranged these uncopyrightable facts in an original way. As mentioned, originality is not a stringent standard; it



does not require that facts be presented in an innovative or surprising way. It is equally true, however, that the selection and arrangement of facts cannot be so mechanical or routine as to require no creativity whatsoever. The standard of originality is low, but it does exist. See *Patterson & Joyce* 760, n. 144 (“While this requirement is sometimes characterized as modest, or a low threshold, it is not without effect”) (internal quotation marks omitted; citations omitted). As this Court has explained, the Constitution mandates some minimal degree of creativity, see *The Trade-Mark Cases*, 100 U.S., at 94; and an author who claims infringement must prove “the existence of . . . intellectual production, of thought, and conception.” *Burrow-Giles*, *supra*, 111 U.S., at 59-60.

The selection, coordination, and arrangement of Rural’s white pages do not satisfy the minimum constitutional standards for copyright protection. As mentioned at the outset, Rural’s white pages are entirely typical. Persons desiring telephone service in Rural’s service area fill out an application and Rural issues them a telephone number. In preparing its white pages, Rural simply takes the data provided by its subscribers and lists it alphabetically by surname. The end product is a garden-variety white pages directory, devoid of even the slightest trace of creativity.

Rural’s selection of listings could not be more obvious: It publishes the most basic information—name, town, and telephone number—about each person who applies to it for telephone service. This is “selection” of a sort, but it lacks the modicum of creativity necessary to transform mere selection into copyrightable expression. Rural expended sufficient effort to make the white pages directory useful, but insufficient creativity to make it original.

We note in passing that the selection featured in Rural’s white pages may also fail the originality requirement for another reason. Feist points out that Rural did not truly “select” to publish the names and telephone numbers of its subscribers; rather, it was required to do so by the Kansas Corporation Commission as part of its monopoly franchise. See 737 F.Supp., at 612. Accordingly, one could plausibly conclude that this selection was dictated by state law, not by Rural.

Nor can Rural claim originality in its coordination and arrangement of facts. The white pages do nothing more than list Rural’s subscribers in alphabetical order. This arrangement may, technically speaking, owe its origin to Rural; no one disputes that Rural undertook the task of alphabetizing the names itself. But there is nothing remotely creative about arranging names alphabetically in a white pages directory. It is an age-old practice, firmly rooted in tradition and so commonplace that it has come to be expected as a matter of course. See *Brief for Information Industry Association et al. as Amici Curiae* 10 (alphabetical arrangement “is universally observed in directories published by local exchange telephone companies”). It is not only unoriginal, it is practically inevitable. This time-honored tradition does not possess the minimal creative spark required by the Copyright Act and the Constitution.

We conclude that the names, towns, and telephone numbers copied by Feist were not original to Rural and therefore were not protected by the copyright in Rural’s combined white and yellow pages directory. As a constitutional matter, copyright protects only those constituent elements of a work that possess more than a de minimis quantum of creativity. Rural’s white pages, limited to basic subscriber information and arranged alphabetically, fall short of the mark. As a statutory matter, 17 U.S.C. § 101 does not afford protection from copying to a collection of facts that are selected, coordinated, and arranged in a way that utterly lacks originality. Given that some works must fail, we cannot imagine a more likely candidate. Indeed, were we to hold that Rural’s white pages pass muster, it is hard to believe that any collection of facts could fail.

Because Rural’s white pages lack the requisite originality, Feist’s use of the listings cannot constitute infringement. This decision should not be construed as demeaning Rural’s efforts in compiling its directory, but rather as making clear that copyright rewards originality, not effort.

As this Court noted more than a century ago, “‘great praise may be due to the plaintiffs for their industry and enterprise in publishing this paper, yet the law does not contemplate their being rewarded in this way.’” *Baker v. Selden*, 101 U.S., at 105.

The judgment of the Court of Appeals is

Reversed.

Justice BLACKMUN concurs in the judgment.

### *Notes and Questions*

1. How does the principal case differ from *INS v. AP*? The obvious answer to that question is that the former involved the application of the Copyright Act while the latter did not. Granted that fact, why does the Court cite *INS*?

2. Is the following provision of the Copyright Act consistent with *Feist*?

§106. Exclusive rights in copyrighted works

Subject to sections 107 through 122 [17 USC § §107 through 122], the owner of copyright under this title has the exclusive rights to do and to authorize any of the following: ... (2) to prepare derivative works based upon the copyrighted work; ... .

3. After the *Feist* case are databases protected under the copyright act? A basic introduction to this problem may be found at <http://carrollogos.blogspot.com/2009/02/copyright-in-databases-.html>. The law of the European Union gives copyright protection for databases for fifteen years after the completion of the database. [http://en.wikipedia.org/wiki/Copyright\\_law\\_of\\_the\\_European\\_Union](http://en.wikipedia.org/wiki/Copyright_law_of_the_European_Union). The Register of Copyright has taken the position that they are not protected under the U.S. statute. Legislation has been introduced on this topic. At one point it passed the House and died in the Senate. The last testimony that I found on it was in 2003.

If databases are not protected under the statute, is there anyway that one can commercially exploit a database without running the risk that your competitors will just take the database and free ride on your effort? Think contract. See *ProCD, Inc. v. Zeidenberg*, 86 F.3d 1447 (7th Cir. 1996).

4. After *Erie Railroad Co. v. Tompkins*, 304 U.S. 64 (1938), which basically abolished the ‘federal common law’ under which *INS* was decided, may a state change its common law or its statutory law to protect items that cannot be protected under the federal statute? The statute says;

§301. Preemption with respect to other laws (a) On and after January 1, 1978, all legal or equitable rights that are equivalent to any of the exclusive rights within the general scope of copyright as specified by section 106 in works of authorship that are fixed in a tangible medium of expression and come within the subject matter of copyright as specified by sections 102 and 103, whether created before or after that date and whether published or unpublished, are governed exclusively by this title. Thereafter, no person is entitled to any such right or equivalent right in any such work under the common law or statutes of any State.

5. What about a manufacturer of widgets not protected by patent who is subject to a competitor who makes cheaper widgets of the same kind? In *Bonito Boats, Inc. v. Thunder Craft Boats, Inc.*, 489 U.S. 141 (1989), the Court held that Florida could not protect unpatented boat designs through its unfair competition law. Congress responded with the Vessel Hull Design Protection Act of 1998, codified in 17 U.S.C. ch. 13.

6. How about fashion designs? Under copyright it has to qualify as a sculpture. The key element seems to be ‘non-utilitarian’, which may mean that it has to look so different from what it’s supposed to do that no person in his or her right mind would use it for what it’s supposed to do, like cover your rear end. Design protection is available under the patent act, but you have to

apply, and by the time that you get the design patent (there are some) the fashion season will be over. Legislation to change this has been introduced in a number of Congresses.

7. What wrong, if any, is the holder of patent or copyright committing if it attempts to extend that patent or copyright beyond its scope? A number of cases treat such behavior as a violation of the anti-trust laws. See *Kellogg Co. v. National Biscuit Co.*, 305 U.S. 111 (1938); *Sears, Roebuck & Co. v. Stiffel Co.*, 376 U.S. 225 (1964); *Compco Corp. v. Day-Brite Lighting, Inc.*, 376 U.S. 234 (1964).

8. How does copyright protection differ from plagiarism?