

J. R. BLUMENBERG
UNDERSCORE TYPE.

APPLICATION FILED MAR. 14, 1910. RENEWED SEPT. 27, 1911.

1,009,718.

Patented Nov. 28, 1911.

Fig. 1

THERE

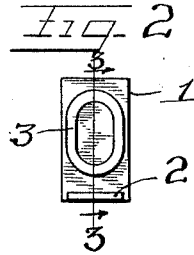
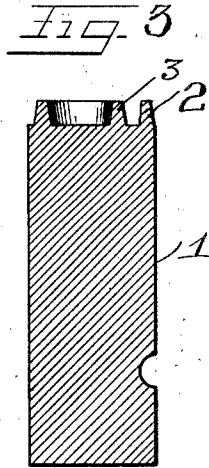


Fig. 4



Witnesses

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UNITED STATES PATENT OFFICE.

JULIUS R. BLUMENBERG, OF CHICAGO, ILLINOIS.

UNDERSCORE-TYPE.

1,009,718.

Specification of Letters Patent.

Patented Nov. 28, 1911.

Application filed March 14, 1910, Serial No. 549,223. Renewed September 27, 1911. Serial No. 651,619.

To all whom it may concern:

Be it known that I, JULIUS R. BLUMENBERG, a citizen of the United States, and a resident of the city of Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Underscore-Type; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the accompanying drawings, and to the numbers of reference marked thereon, which form a part of this specification.

In underscoring words in printing, it has been the practice of printers to utilize pieces of brass rule of suitable length, always causing more or less delay and frequently necessitating cutting the rule. Underscoring very frequently occurs in printing and particularly in printing made to imitate typewritten characters.

It is the object of this invention to afford an underscored type both of upper and lower case letters, each of which is so constructed as to form an underscore in printing, thereby obviating the use of rule for this purpose.

It is also an object of the invention to afford type by the use of which an individual underscore may be provided for each letter, thus permitting imitation typewritten letters to be produced in which the words and letters are underscored as on a typewritten page, that is to say, in which each printed letter, if underscored, is individually underscored.

The invention consists in the matters hereinafter described and more fully pointed out and defined in the appended claim.

In the drawings: Figure 1 illustrates a printed word in which the letters are individually underscored by the use of type embodying my invention. Fig. 2 is a face view of a type constructed to underscore in accordance with my invention. Fig. 3 is a section on line 3—3 of Fig. 2. Fig. 4 is an edge view of the type.

As shown in the drawings: the type body 1, (which, of course, may be constructed of any desired size and either upper or lower case) is provided upon its face or type end with the usual character or configuration 3 for the type to be printed, in the drawings shown as the letter "O." Directly beneath

the character or the type and on the same bar or piece, is a raised rib or underscore 2. This underscore is arranged at a distance below the character 3 to correspond approximately to the position assumed by a piece of rule that is used for the same purpose and the type body is increased in width sufficiently to support the same. Said rib 2 extends type high on the type body, is of a length corresponding with the extreme width of the character 3 but less than the width of the type body 1, and is formed at its base flush with the outer face of the type body 1, but inclines inward therefrom toward its printing surface, as seen in Fig. 3.

In setting the type, each individual character is provided with its own underscore, as shown in Fig. 1, which, though in alignment with each other, preferably do not connect with each other. Of course, the interval or space between the underscores varies with the size of the type, but is nevertheless regular owing to the underscores being uniformly spaced upon each type of the same size. The effect in appearance is identical with the underscore effected by a typewriting machine, and by the use of such type, fac-simile typewritten letters may be easily constructed that are practically undistinguishable from typewriting.

Of course, the underscore may be provided on type of any kind or size. Details of construction may be varied. I therefore do not purpose limiting myself otherwise than necessitated by the prior art.

I claim as my invention:

A type, embodying a type body, a printing character thereon, and a horizontal underscore rib, said rib being flush at its base with the outer face of the type body and inclined inward therefrom toward its printing surface, and being of a length corresponding with the width of the printing character but shorter than the width of the type body.

In testimony whereof I have hereunto subscribed my name in the presence of two subscribing witnesses.

JULIUS R. BLUMENBERG.

Witnesses:

LAWRENCE REIBSTEIN,
K. E. HANNAH.