

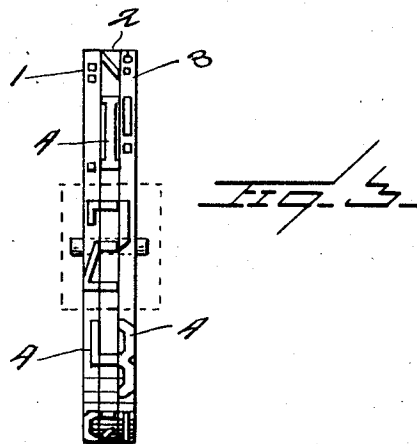
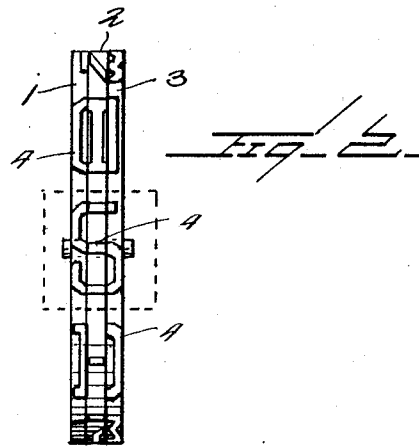
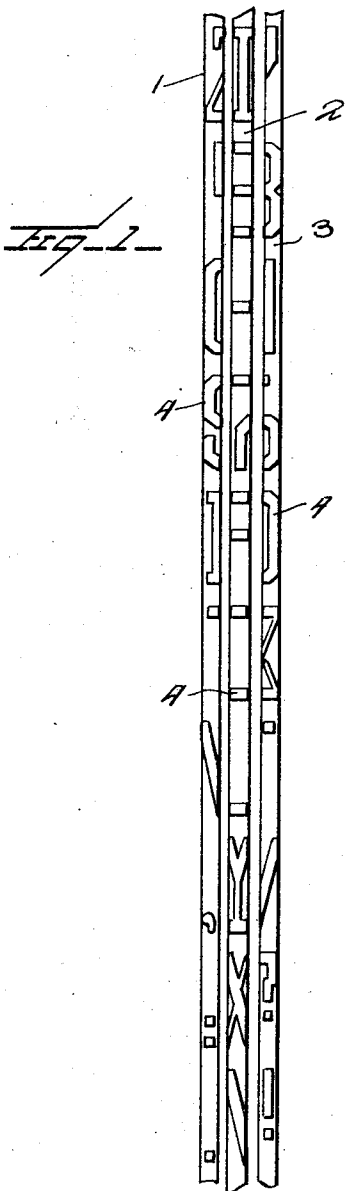
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A. THIES

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TYPING SYSTEM

Filed Oct. 1, 1927



Inventor

A. Thies

By *Watson E. Coleman*
Attorney

UNITED STATES PATENT OFFICE

ADOLF THIES, OF CHICAGO, ILLINOIS

TYPING SYSTEM

Application filed October 1, 1927. Serial No. 223,429.

This invention relates to a typing system and it is an object of the invention to provide a system of this kind wherein the types are divided into a plurality of parts.

5 It is also an object of the invention to provide a typing system of this kind which is of particular advantage in connection with typewriter machines as it makes it possible to reduce the number of keys now generally employed and which system is also thought to make possible the production of a pocket typewriter.

15 The invention consists in the details of construction and in the combination and arrangement of the several parts of my improved typing system whereby certain important advantages are attained and the device rendered simpler, less expensive and otherwise more convenient and advantageous for use, as will be hereinafter more fully set forth.

The novel features of my invention will hereinafter be definitely claimed.

25 In order that my invention may be the better understood, I will now proceed to describe the same with reference to the accompanying drawing, wherein:—

30 Figure 1 is a diagrammatic view illustrating a printing roller embodying my invention, the roller sections or discs being shown separated;

Figure 2 is an elevational view of the roller sections or discs relatively adjusted to provide an assembly to produce a letter;

35 Figure 3 is a view similar to Figure 2 showing an arrangement to produce a numeral.

40 As disclosed in the accompanying drawing, my improved typing system comprises a printing roller divided into a plurality of discs 1, 2 and 3 arranged one immediately adjacent to the other, each of said discs or roller sections being capable of rotation independently of the others. The structural means to be employed in connection with the printing roller, as herein disclosed, forms no part of my present invention which is directed entirely to the system.

50 Produced on the peripheral faces of the roller sections or discs are the hieroglyphics

4 each of which, upon proper rotation or adjustment of its section or disc, is adapted to be brought into proper relation with a hieroglyphic on the adjacent section or disc to effect or assist in the production of a type, 55 letter or symbol.

I have found in practice it is only necessary to provide on the surface of each of the sections or discs ten circumferentially spaced hieroglyphics 4 to enable the production in connection with the three sections or discs all of the letters, numerals, and symbols required and, therefore, when my system is employed in connection with a typewriting machine the number of keys required is materially reduced making it possible to produce an extremely small typewriting machine and one which may be carried in the pocket.

60 It is to be noted that the hieroglyphics 4 carried by the end discs and which are adapted selectively to combine to provide the desired letters or signs extend to the inner sides of such discs 1 and 3 while the hieroglyphics carried by the intermediate section or disc 2 extend entirely thereacross. By this means the relative rotation of the sections or discs will cause the requisite selective combining or association of the hieroglyphics on the discs or sections to provide the letter or symbol 70 desired.

In Figure 2, it is to be noted that the adjustment of the section or disc is such as to form the letter "S" whereas, in Figure 3, the adjustment is such to provide the numeral "2." 75

80 The various hieroglyphics 4 may be formed to produce letters or signs of any style desired and may also be arranged for the production of stencils. My improved typing system may also be employed to advantage in connection with sign boards, electric signs, stamps of all kinds, educational toys, etc. 85

90 From the foregoing description it is thought to be obvious that a typing system constructed in accordance with my invention is particularly well adapted for use by reason of the convenience and facility with which it may be assembled and operated, and it will also be obvious that my invention is 95 100

susceptible of some change and modification without departing from the principles and spirit thereof and for this reason I do not wish to be understood as limiting myself to the precise arrangement and formation of the several parts herein shown in carrying out my invention in practice except as hereinafter claimed.

I claim:—

1. A printing system comprising a roller divided into a plurality of separable sections arranged side by side adapted for independent relative movement, hieroglyphics arranged on the peripheries of the sections, each hieroglyphic being a part of a printing character, the hieroglyphics of the various sections upon relative movement of the sections selectively combining to provide a printing character.
2. A printing system comprising a plurality of members arranged side by side and having relative shifting movement, hieroglyphics carried by said members, each hieroglyphic being a part of a printing character, the hieroglyphics of the members combining upon relative selective shifting movement of the members to provide a printing character.

In testimony whereof I hereunto affix my signature.

ADOLF THIES.

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