

(No Model.)

W. T. ROBERTSON.
TYPE WRITER.

No. 605,516.

Patented June 14, 1898.

Fig. 1.

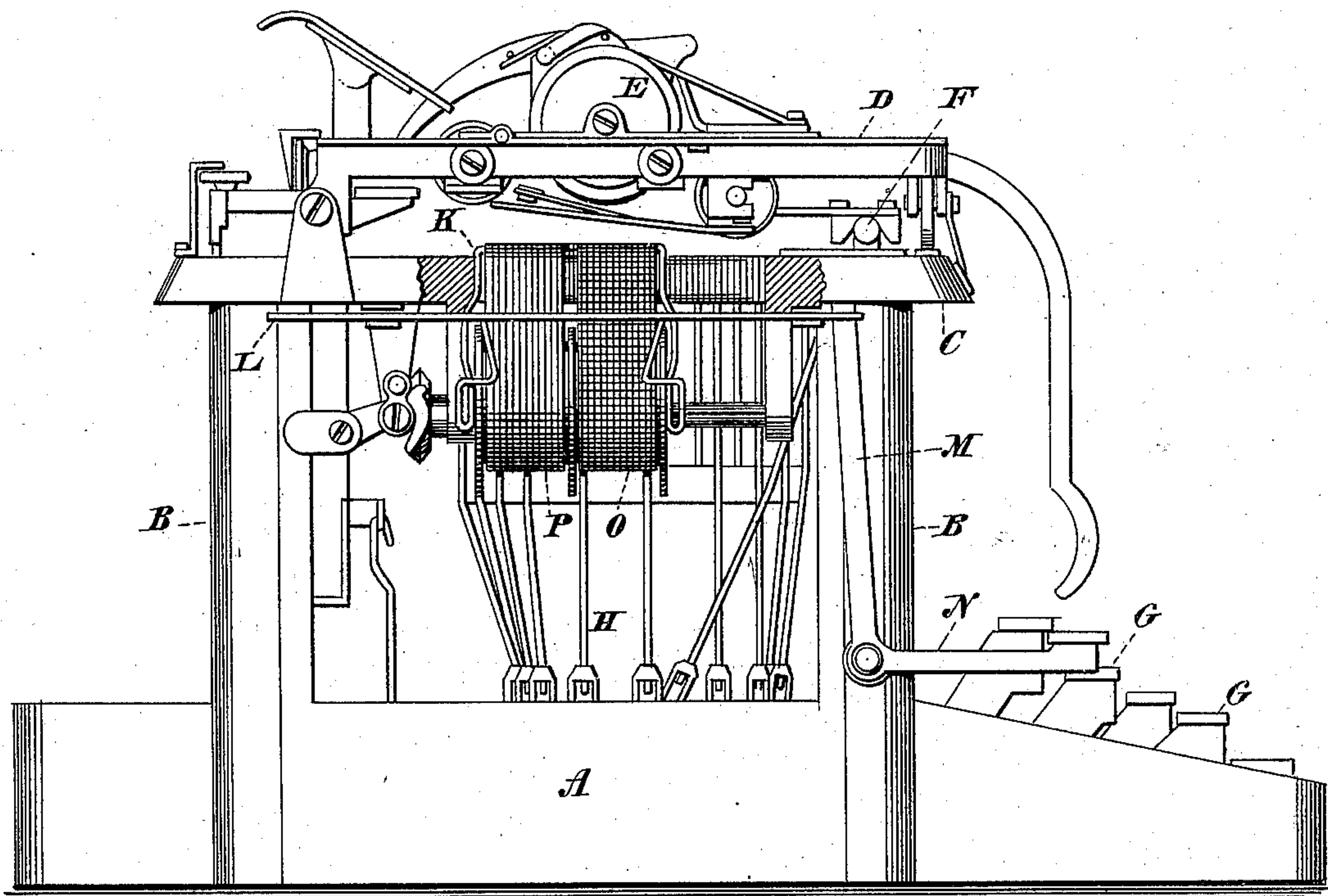


Fig. 2.

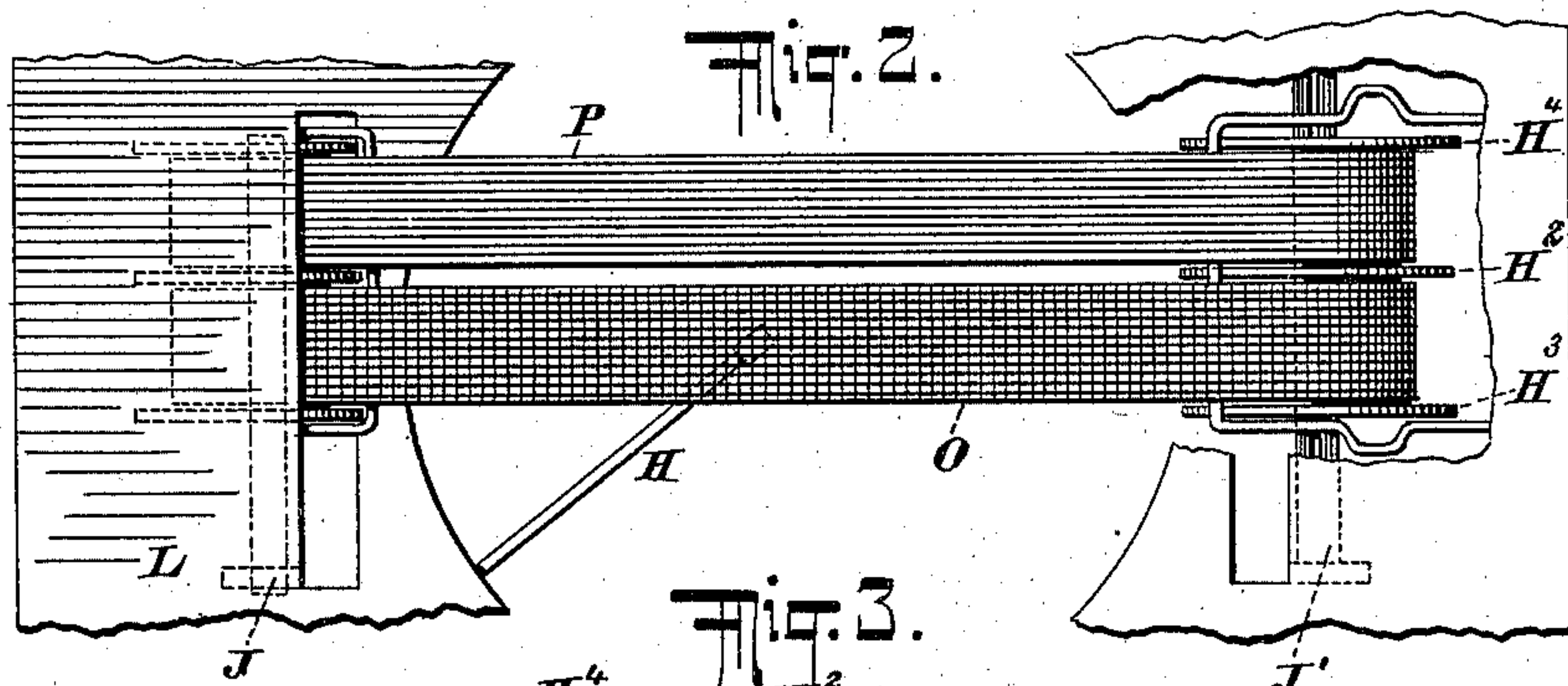
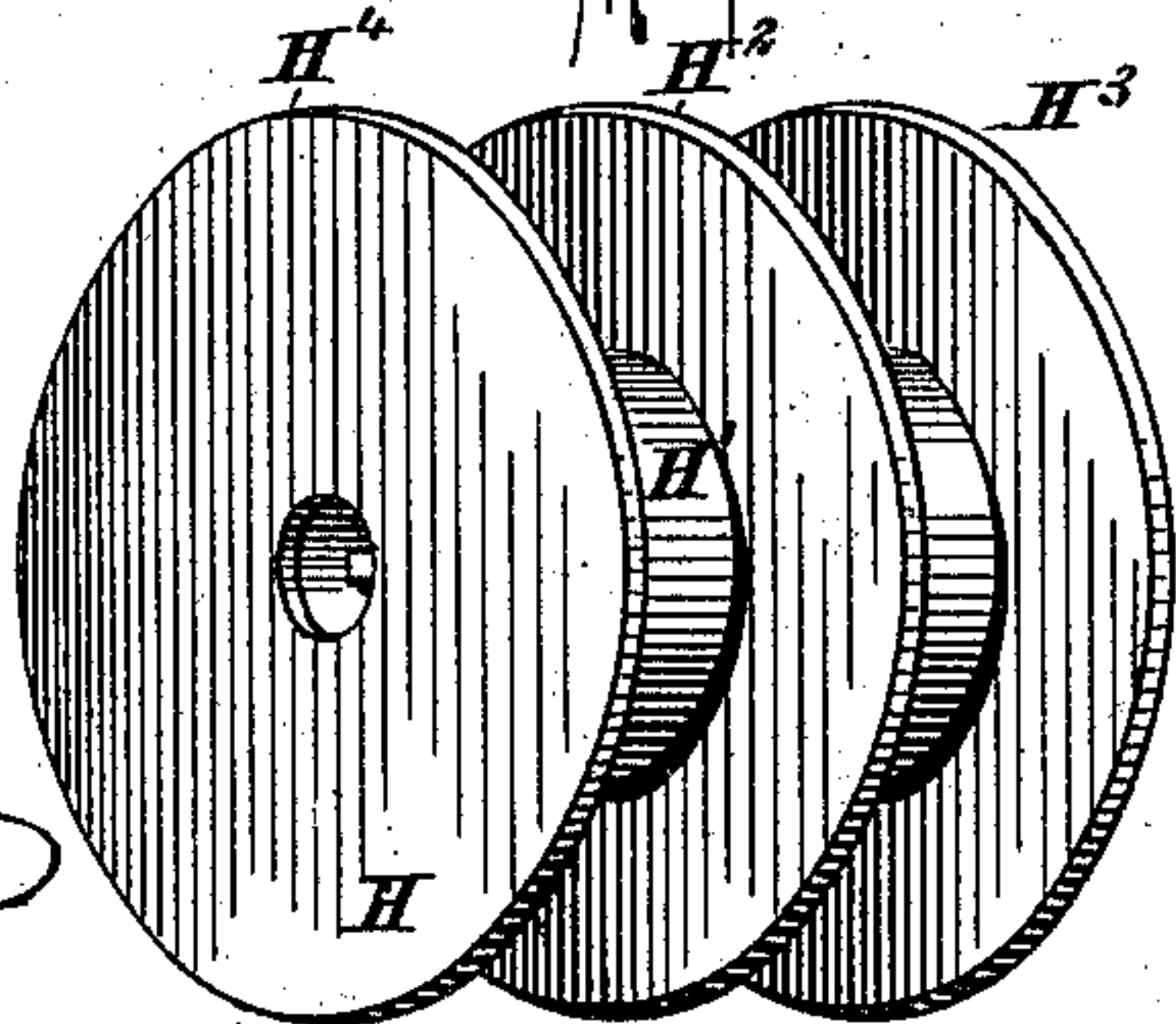


Fig. 3.



WITNESSES:

Gustave Dietrich.
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UNITED STATES PATENT OFFICE.

WILLIAM T. ROBERTSON, OF WASHINGTON, DISTRICT OF COLUMBIA,
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TYPE-WRITER.

SPECIFICATION forming part of Letters Patent No. 605,516, dated June 14, 1898.

Application filed January 16, 1896. Serial No. 575,695. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM T. ROBERTSON, a resident of Washington, District of Columbia, have invented certain new and useful
5 Improvements in Type-Writers, of which the following is a specification.

My invention relates to type-writers, and has for its object to provide an inking attachment therefor by which ribbons or ink-carriers of different colors or characters may be
10 brought up to the printing-point at will.

To this end my invention consists in the special matters hereinafter described and claimed.

15 My invention will be understood by referring to the accompanying drawings, in which—

Figure 1 is a side view of a type-writer machine embodying my invention. Fig. 2 is a broken-away plan view thereof, and Fig. 3
20 is a perspective of one of the inker carriers or rollers.

Most of the mechanism of the type-writer which I have shown is of a well-known construction. I will therefore proceed to describe
25 this construction generally.

This type-writer is provided with the usual base A, standards B, and top plate C, as well as with the usual carriage D, carrying the impression-roller E, which is shiftable back and
30 forth independently of the movement of the carriage D by the shifter-bar F. The type-writer is also provided with the usual keys G and printing agents H. (Shown in dotted lines in Fig. 2 as brought up to the impression or printing point beneath the impression-roller.) Instead, however, of having the roller usually in such machines I provide double or
35 partition rollers H, which consist of the central boss H', on which the annulus or central partition H² is mounted, the annulæ H³ H⁴ serving for the end partitions. These rollers are splined upon shafts J J', so as to have a free longitudinal movement thereon. These shafts J J' are rotated in the usual manner.
40 The longitudinal movement is imparted to the rollers by means of a frame K, secured to a sliding bar L, which is operated by a pivoted lever M, actuated by the key N. On one side of the central division of the roller,
45 preferably on the side nearest the operator, I secure in the ordinary manner a black inking-ribbon O, and on the other side is secured

a differently-colored inking-ribbon P, which may be of any color or form a suitable contrast to the black inking-ribbon. 55

The black ribbon, as shown in Figs. 1 and 2, is in such a position that when the machine is being operated on the writing will appear in black. If the operator has a word or phrase to which he wants attention called, it
60 is merely necessary with my attachment to shift the ink-ribbons forward by means of the shifting-levers, which will place the different-colored (or emphasizing) ribbon in the position occupied by the black ribbon before shifting. After the part to be emphasized is written the ribbon is returned to its original position by means of the shifting-levers and the writing proceeded with. 65

It is obvious that the device forming the
70 subject-matter of my invention will be a great advantage in the preparation of letters, arguments, and the like by type-writing, as the mechanism may be readily operated to more plainly distinguish the emphasized part from the other. It will likewise be observed that by my invention a copying-ribbon and a non-copying ribbon can be used on the same machine and either brought into use at the will of the operator. 80

What I claim, and desire to secure by Letters Patent, is—

1. In a type-writer, a pair of multiplex coiling-rollers B, having a division between the compartments and constructed and adapted to receive ribbons or inkers coiled upon them in different compartments separated by said division, whereby the coiled parts of the ribbon are kept separate and the exposed part guided, substantially as described. 85 90

2. The combination in a type-writer, of a pair of multiplex coiling-rollers constructed to receive and hold ribbons or inkers coiled upon them in separate compartments, in combination with the lever and intermediate connection, substantially as described between said lever and the rollers to give the same endwise motion, as and for the purpose set forth. 95

WILLIAM T. ROBERTSON.

Witnesses:

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WARREN G. FITZHUGH.