

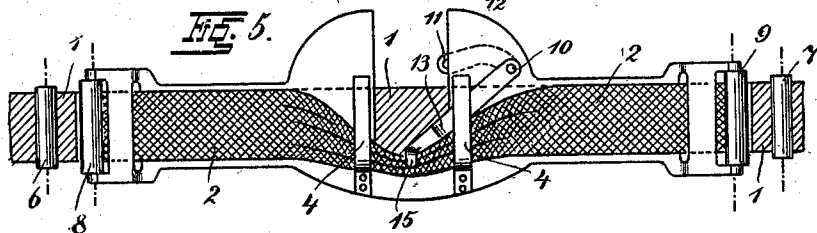
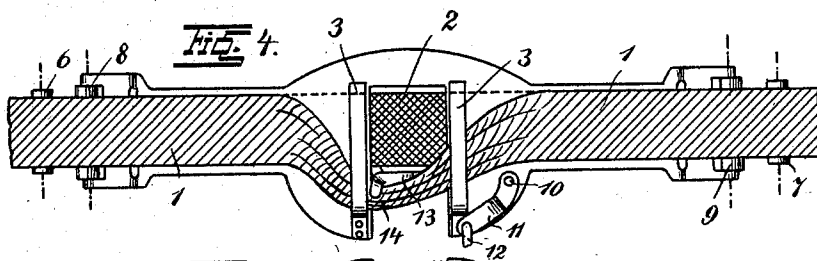
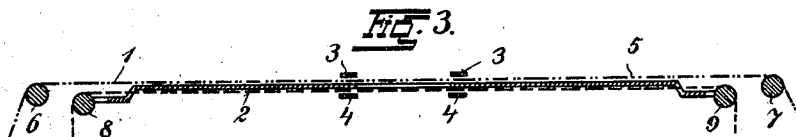
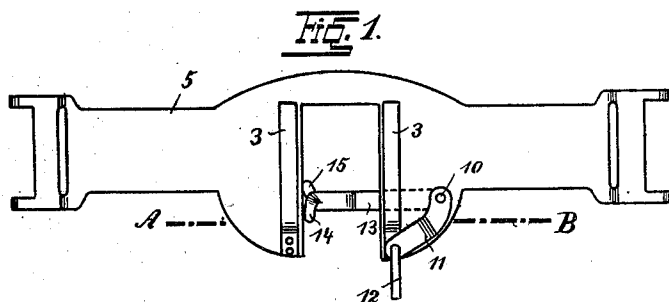
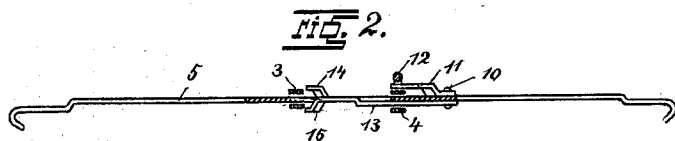
No. 735,271.

PATENTED AUG. 4, 1903.

A. KEMPF.
TYPE WRITER.

APPLICATION FILED MAY 16, 1902.

NO MODEL.



Witnesses
Ernst A. Mann
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UNITED STATES PATENT OFFICE.

AUGUST KEMPF, OF BRESLAU, GERMANY.

TYPE-WRITER.

SPECIFICATION forming part of Letters Patent No. 735,271, dated August 4, 1903.

Application filed May 15, 1902. Serial No. 107,459. (No model.)

To all whom it may concern:

Be it known that I, AUGUST KEMPF, a subject of the Emperor of Germany, whose residence and post-office address is 5 Zwingerstrasse, Breslau, Germany, have invented certain new and useful Improvements in Type-Writers; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

By means of this invention documents can be written in different colors by means of a single type-writer in a simple and convenient manner without the necessity of unwinding an inking-band from the reel or interchanging the same. For this purpose differently-colored inking-bands are so arranged by means of guides inserted in the frame of a type-writer that by being pushed transversely to their length they can be alternately brought into or removed from the position where they are struck by the type.

In the drawings one form of the invention is illustrated.

Figure 1 is a plan of the band-holder with the bands removed; Fig. 2, a section along the line A B in Fig. 1; Fig. 3, a section through the band-holder, with the inking-bands placed thereon. Figs. 4 and 5 are top and under side plan views according to Fig. 3, with the inking-bands in different working positions.

The inking-bands 1 and 2 are drawn through guides 3 or 4 on the band-holder 5 and so guided over guide-rollers 6 7 or 8 9 that the path of the one band is above the other. By means of a pin 10 a bent lever is linked to the band-holder 5. The one arm 11 of this lever is firmly connected on the upper side of the band-holder 5 with the pin 10 and can be moved by a tension-rod 12, while the other arm 13, which is firmly connected on the under side of the band-holder 5 with the pin 10,

carries at its free ends two claws 14 15, which are bent in opposite directions to one another. The upper claw 14 projects into the path of the upper inking-band 1, so that when the disengaging-lever is in the position shown in Fig. 4 the claw puts the inking-band 1 out of the range of the type-path and holds it firmly. When the disengaging-lever is put into the position shown in Fig. 5, the inking-band 1 is released, so that it can be pulled tight and guided into the effective position, while the inking-band 2 is seized by the claw 15.

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

1. In a type-writer, two or more differently-colored inking-bands, a fixed band-holder provided with fixed guides holding the bands in typing position, a means for pushing the portions of the bands in typing position in the direction of their breadth out of typing position.

2. In a type-writer, two differently-colored ink-bands, a fixed band-holder provided with fixed guides holding the bands in close proximity one above the other, a means for pushing that portion of one band in typing position sidewise out of position while the similar portion of the other band is released and vice versa.

3. In a type-writer the combination of two differently-colored inking-bands 1 and 2 with a band-holder 5 furnished with guides 3, 4 for each inking-band and a disengaging-lever 11, 13 pivoted in the band-holder for alternately pushing the inking-bands transversely to their length in the manner described and for the purpose set forth.

In testimony whereof I have affixed my signature in presence of two witnesses.

AUGUST KEMPF.

Witnesses:

ERNEST A. MAN,
EWALD BOEHM.