

No. 720,387.

PATENTED FEB. 10, 1903.

T. WENSEL.  
PRINTER'S BASE AND ATTACHMENTS.

APPLICATION FILED MAY 26, 1902.

**NO MODEL.**

Fig. 1.

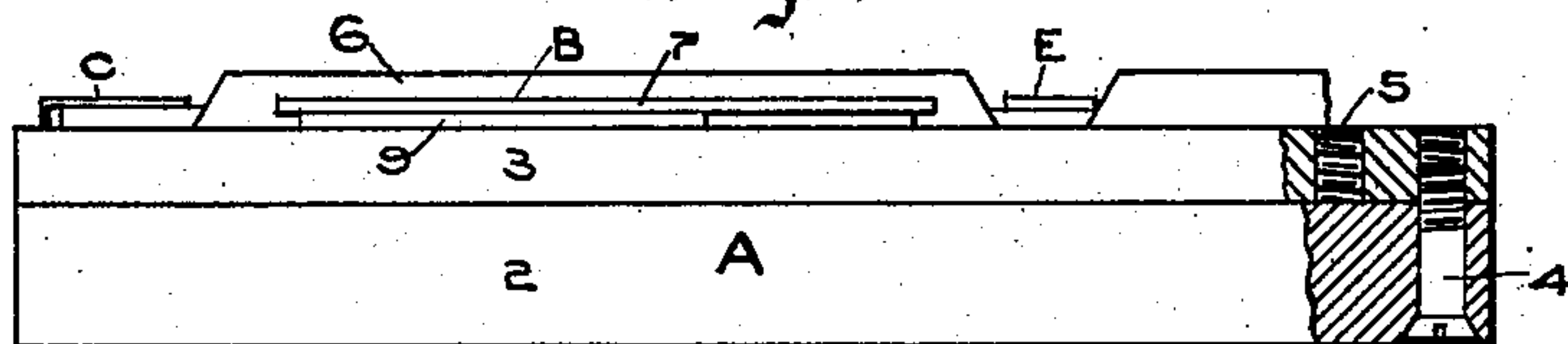


Fig. 2.

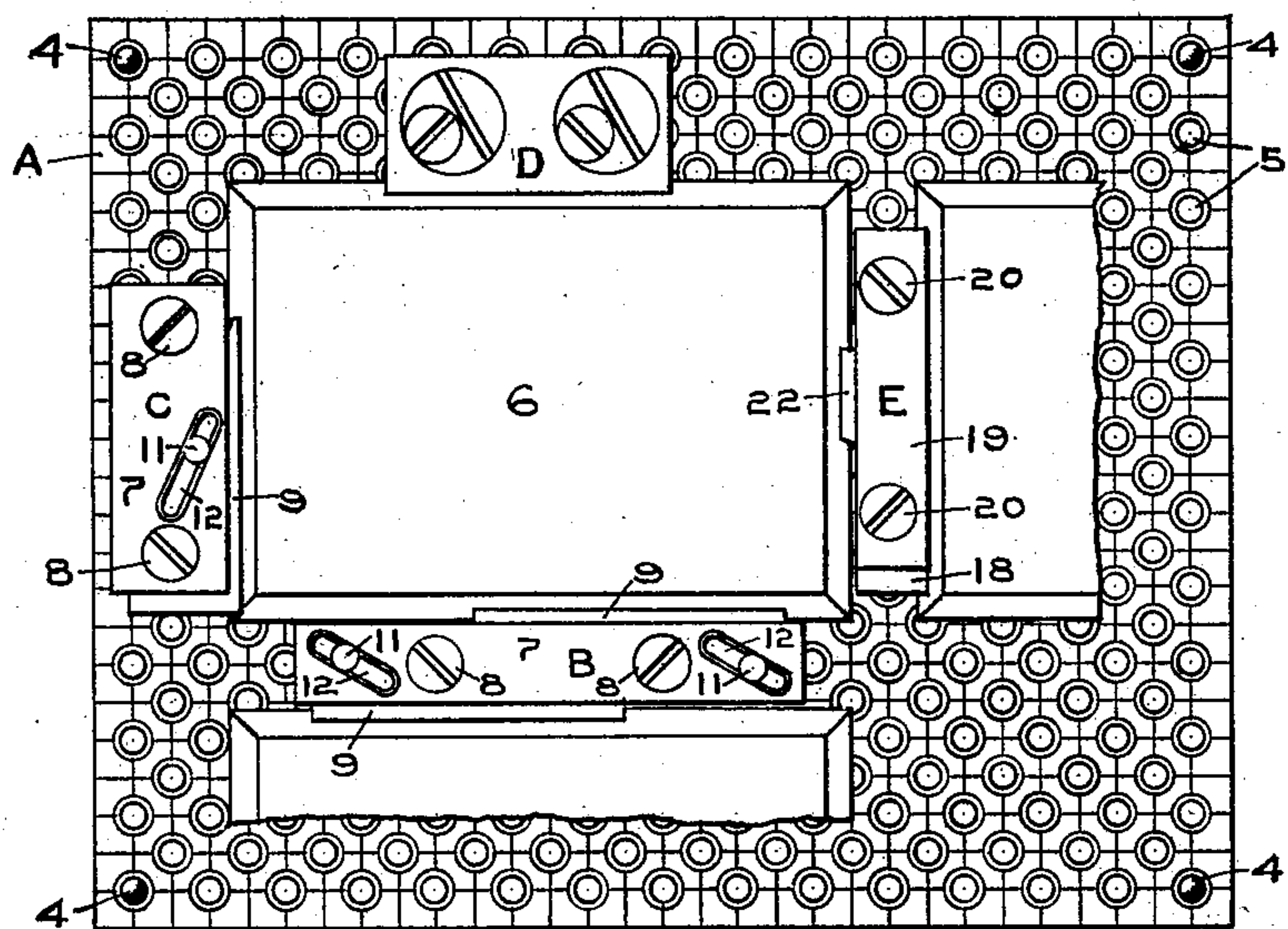


Fig. 3.

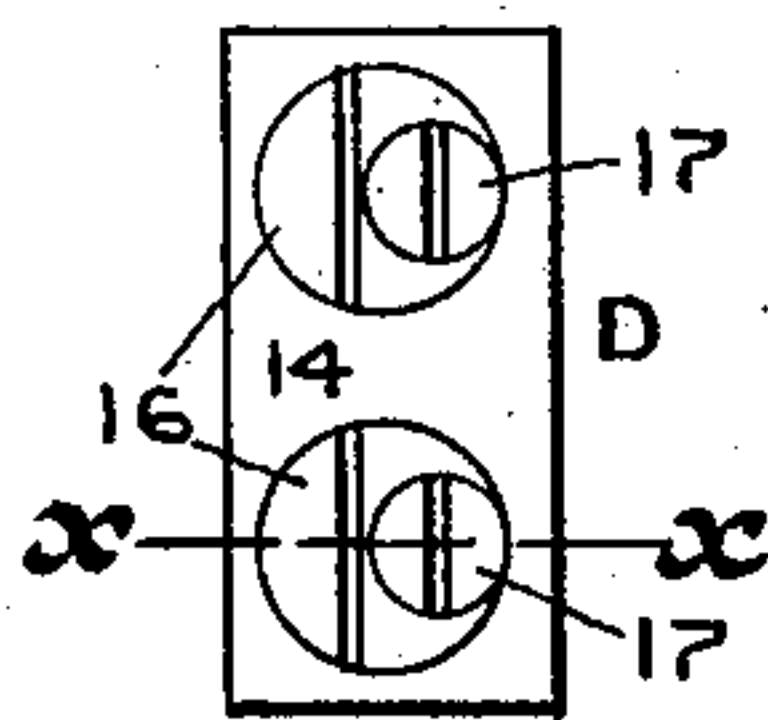


Fig. 5.

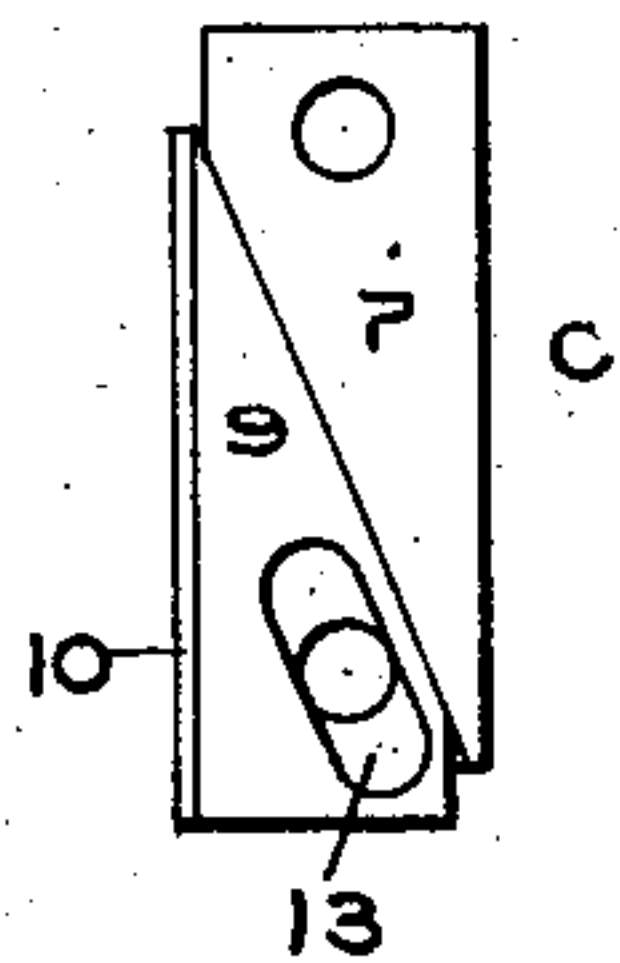


Fig. 7.

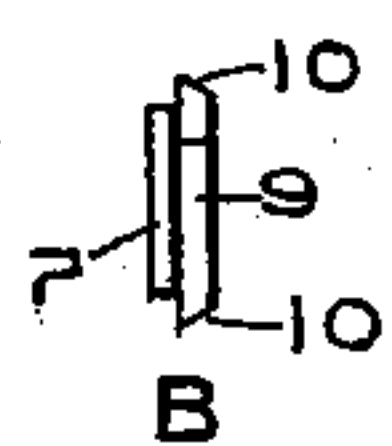


Fig. 6.

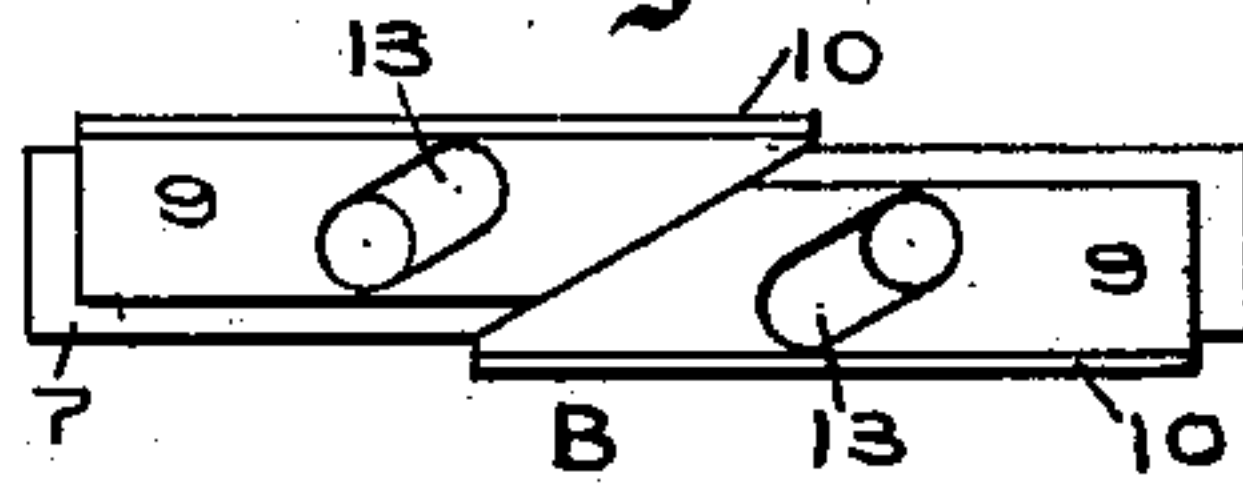


Fig. 4.



Fig. 9.

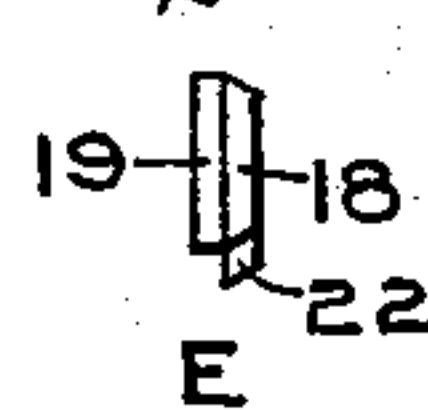
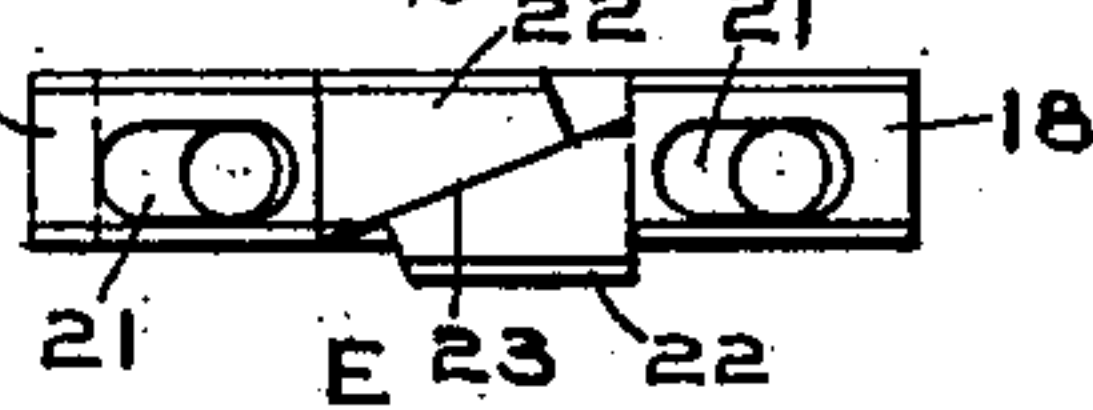


Fig. 8.



Witnesses,

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# UNITED STATES PATENT OFFICE.

THEODOR WENSEL, OF ST. PAUL, MINNESOTA.

## PRINTER'S BASE AND ATTACHMENTS.

SPECIFICATION forming part of Letters Patent No. 720,387, dated February 10, 1903.

Application filed May 26, 1902. Serial No. 108,889. (No model.)

*To all whom it may concern:*

Be it known that I, THEODOR WENSEL, a citizen of the United States, residing at St. Paul, in the county of Ramsey and State of Minnesota, have invented certain new and useful Improvements in Printers' Bases and Attachments, of which the following is a specification.

My invention relates to improvements in printers' bases and attachments, its object being to provide an improved construction of base and cooperating clamps by means of which a series of plates or cuts can be firmly secured upon the base in properly-interspaced positions.

To this end my invention consists in the features of construction and combination herein-after particularly described and claimed.

In the accompanying drawings, forming part of this specification, Figure 1 is a side elevation of a base embodying my improvements. Fig. 2 is a plan view of the same; and Figs. 3 to 9, inclusive, are details of clamps embodied in my invention.

In the drawings, A represents the base, consisting of a bottom plate 2, of aluminium, and an upper plate 3, of brass, secured together by screws 4. Formed in the upper plate of the base in diagonal lines is a series of screw-openings 5, preferably a pica apart. In order to secure a plate or cut 6 upon the top of the base, I provide a series of clamps B, C, D, and E.

The clamp B consists of a main plate 7, secured to the base by screws 8, which pass into the screw-openings 5 in the base. Slidably secured underneath the plate 7 are the clamping-plates 9, each formed with an outer beveled edge 10 to fit over the beveled edge of the cut. The clamping-plates 9 are each formed with a stud 11, projecting upwardly through the diagonal slot 12 in the upper plate 7, the screws 8 passing through parallel openings 13 in the clamping-plates 9. Thus movement of the clamping-plates will carry them toward and from the cut 6. The clamping-plates 9 can thus be adjusted one to project past one edge of the upper plate 7 and the other to project beyond the opposite edge. The clamp C is similarly constructed, with the exception that one clamping-plate is used instead of two.

The clamp D consists of the main plate 14,

having a beveled edge 15 to fit over the cut. Fitted in a beveled opening in the plate 14 is a circular cam 16, through one side of which passes the screw 17, passing into one of the openings 5 in the base. It will be evident that by loosening the screw 17 and turning the cam 16 the clamping-plate C will be turned away from and toward the cut 6. By tightening the screw 17 the beveled edge of the cam 16 will be crowded against the beveled edge of the opening in the plate 14, firmly clamping the plate against the adjacent cut.

In the clamp E (shown in Figs. 8 and 9) a pair of plates 18 are slidably arranged underneath the ends of the main plate 19, the securing-screws 20 passing through circular openings in the main plate and through slots 21 in the plates 18 to allow sliding of said plates 18. Between the plates 18 are loosely arranged the clamping-plates 22, having diagonal meeting edges 23. Thus by force carrying the plates 18 toward each other the clamping-plates 22 are forced outward to bear against the edges of the adjacent printing-cuts. The outer edges of both the adjusting-plates 18 and clamping-plates 22 are beveled, as shown in Figs. 8 and 9, to fit over the adjacent beveled edge of a printing-cut.

As shown in the drawings, the clamps are intended to be of different widths to make the desired margin between the cuts. It will also be seen that the different clamps embody the same principle of construction and work in a similar manner.

Having now described my invention, what I claim as new, and desire to secure by Letters Patent, is—

1. In combination with a printer's base provided with a series of threaded openings in its face, and a printing-cut arranged upon said base, a clamp arranged in connection with said cut consisting of a plate, securing-screws passing through said plate and into said openings, and a pair of clamping-plates slidably supported beneath said main plate, said clamping-plates having their meeting edges oppositely beveled.

2. In combination with a printer's base provided with a series of threaded openings in its upper face, and a printing-cut arranged upon said base, a clamp arranged in connection with said cut consisting of a plate, a

pair of clamping-plates slidable transversely upon the under side of said main plate, and securing-screws passing through openings in said main plate and through slots in said  
5 clamping-plate.

3. In combination with a printer's base provided with a series of threaded openings in its upper face, and a printing-cut arranged upon said base, a clamp arranged in connection with said cut consisting of a plate hav-  
10 ing its outer edge parallel with the edge of

said cut and beveled, a clamping-plate slidable across the under side of said main plate and having its outer edge beveled, and a securing-screw passing through said main and  
15 clamping plates and into one of said openings.

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

THEODOR WENSEL.

Witnesses:

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EMILY EASTMAN.