J. H. DYER.

GAGE FOR PRINTING PRESSES.

APPLICATION FILED AUG. 16, 1912.

1,069,606. Patented Aug. 5, 1913.

Fig. 1.

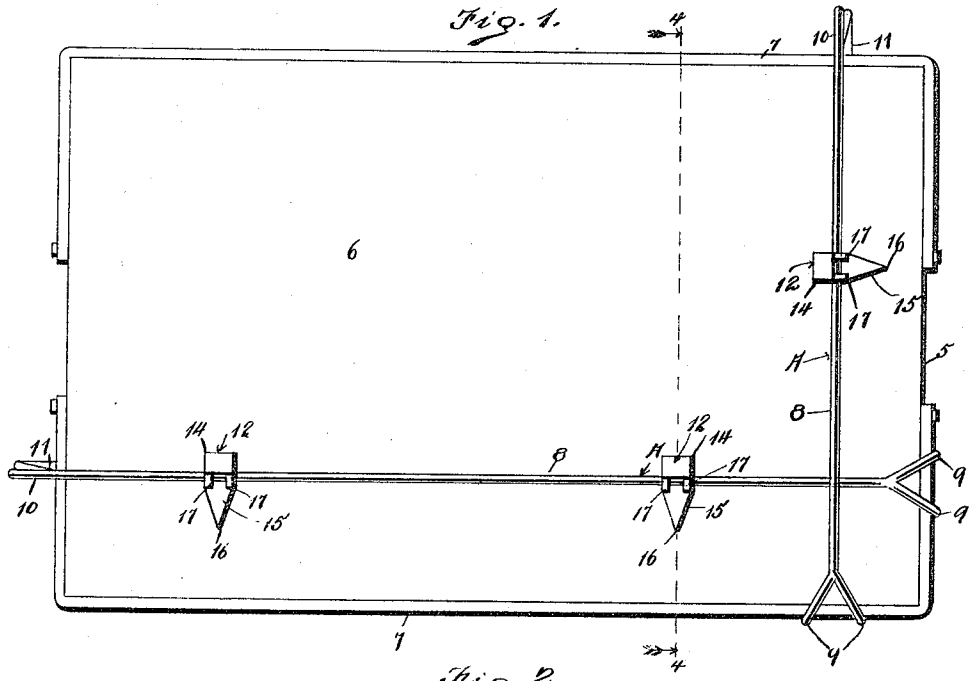


Fig. 2.

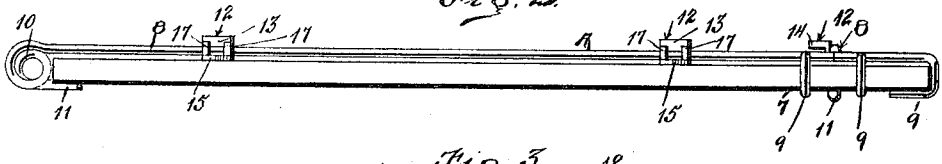


Fig. 3.

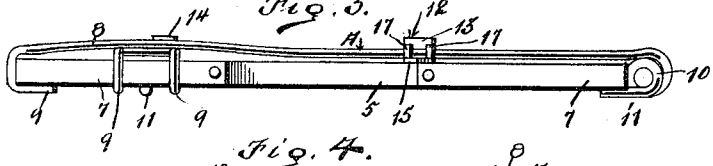


Fig. 4.

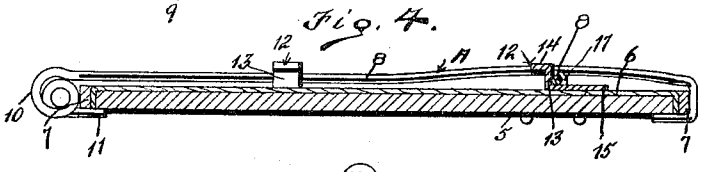


Fig. 5

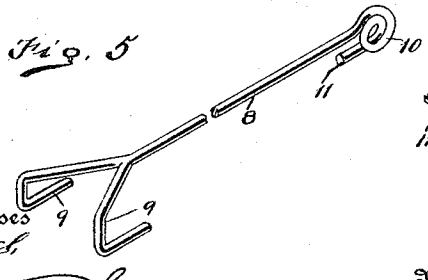
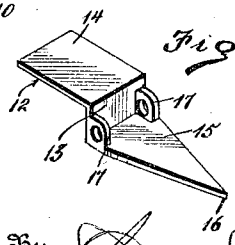


Fig. 6.



Witnesses

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By

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UNITED STATES PATENT OFFICE.

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GAGE FOR PRINTING-PRESSES.

Specification of Letters Patent. **Patented Aug. 5, 1913.**

1,069,606.

Application filed August 16, 1912. Serial No. 715,473.

To all whom it may concern:

Be it known that I, JAMES H. DYER, a citizen of the United States, residing at National Military Home, in the county of Leavenworth, State of Kansas, have invented certain new and useful Improvements in Gages for Printing-Presses; 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.

This invention relates to improvements in gages for printing presses.

The principal object of the invention is to provide a gage for the purpose described which may be easily and quickly adjusted upon a platen to center the work.

Another object of the invention is to provide a pair of guides arranged at right angles to each other for engagement with the platen and adapted to be each quickly adjusted axially of the platen to properly center the work.

A further object of the invention is to provide a guide rod for the purpose described in which a plurality of clips are slidably mounted thereon whereby said clips may be adjusted to suit work of different sizes.

A still further object of the invention is to provide a gage of the character described which is extremely simple in construction and is cheap to manufacture.

With these and other objects in view, the invention consists in the construction and novel combination of parts hereinafter fully described, illustrated in the accompanying drawing and pointed out in the claim hereto appended; it being understood that various changes in the form, proportion, size and minor details of construction within the scope of the claim may be resorted to without departing from the spirit or sacrificing any of the advantages of the invention.

In the drawing: Figure 1 is a top plan view of a platen equipped with my improved gage, Fig. 2 is a side elevation thereof, Fig. 3 is an end view thereof, Fig. 4 is a cross sectional view taken on the line 4—4 of Fig. 1, Fig. 5 is a perspective view of one of the rods, and Fig. 6 is a perspective view of one of the clips.

Like reference numerals designate corresponding parts in all the figures of the drawing.

Referring to the drawing, 5 designates a platen of a printing press (not shown). Mounted upon the upper face of the platen is a pad 6 of paper or the like, said pad being secured in place by the usual clamping frame 7.

My invention comprises a pair of gages which are each designated as a whole by the reference letter A. Each gage comprises a rod 8 which is formed from spring metal, and has one end bifurcated to form downwardly extending spaced hooks 9—9 adapted for engagement with the side or end of the platen 5 as the case may be. The other end of the rod is bent to form a coil 10, which is disposed in a vertical plane, the free end thereof terminating in a spring finger 11 which is engageable under the side or end of the platen, as the case may be. The coil spring 10 is of course disposed against the edge or side of the platen and serves to yieldably retain the rod in any adjusted position upon said platen. One of the rods A is disposed longitudinally of the platen while the other rod is disposed at right angles thereto, as is clearly shown in Fig. 1 of the drawing.

My invention further comprises a plurality of clips which are each indicated as a whole by the reference numeral 12. Each clip is formed from a single piece of metal, and is centrally bent to form a connecting web 13 and offset end portions 14 and 15 respectively, the end 15 being tapered to form a point 16. The portions 14 and 15 are disposed in parallel planes, and bifurcated ears 17—17 are formed at the juncture of the web 13 and tapered portion 15.

One or more, preferably two, of the clips 12 are slidably mounted upon the longitudinal rod 8, said rod passing through the bifurcated ears 17 and one of the clips 12 only is positioned upon the transverse rod 8. It will be observed that the offset portion 14 of each clip extends in a direction ready to receive the paper or other work, and that this portion is disposed in spaced relation to the platen.

What is claimed is:

The combination with a platen, of a gage attached thereto, said gage consisting of a

rod having paper stops thereon one end of said rod being bifurcated to form spaced diverging and downwardly extending hooks for embracing engagement with one edge of the platen and the other end of the rod terminating in a vertically disposed coil having its end terminating in a finger engageable under the opposite edge of said platen, and extending in the direction of the hooks.

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

JAMES H. DYER.

Witnesses:

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JOHN T. BENNETT.