

W. H. EASTMAN.

GAGE-PINS FOR PRINTING-PRESSES.

No. 179,539.

Patented July 4, 1876.

Fig. 1

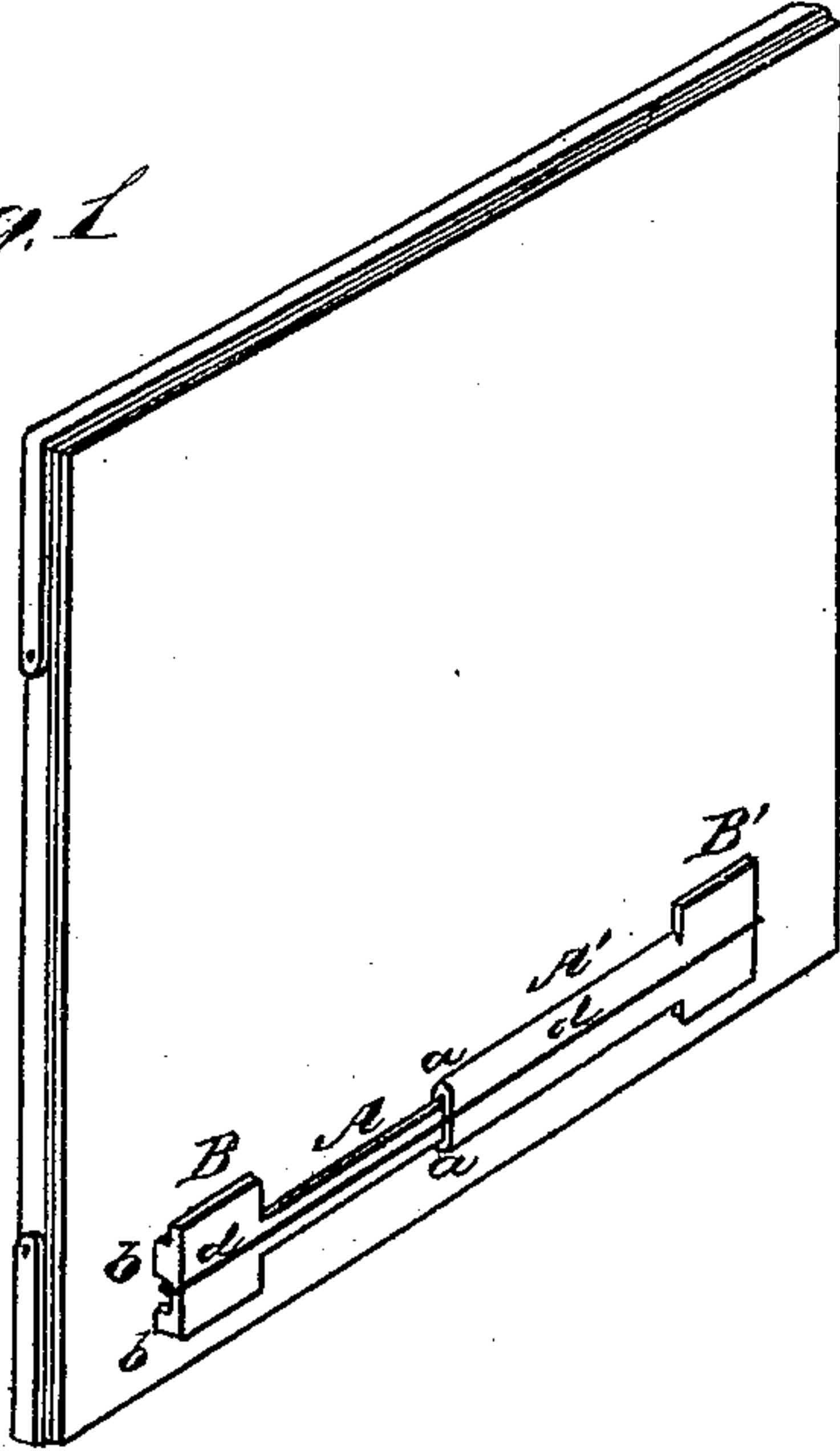


Fig. 2.

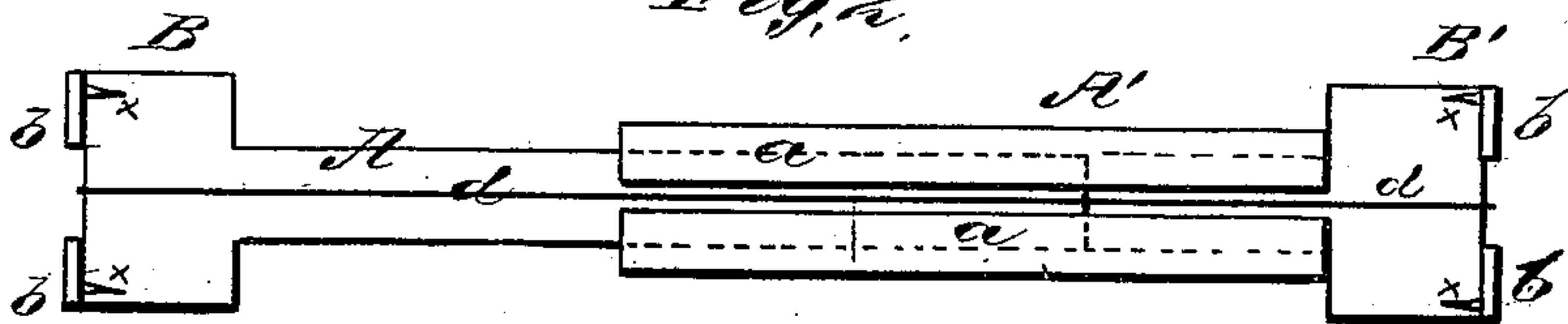


Fig. 3.

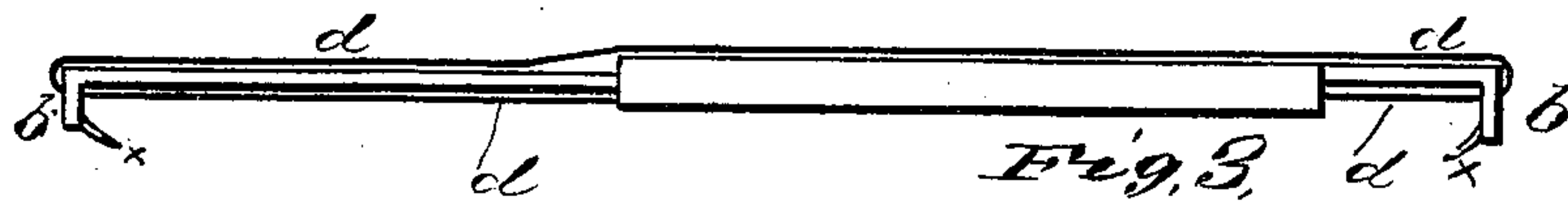
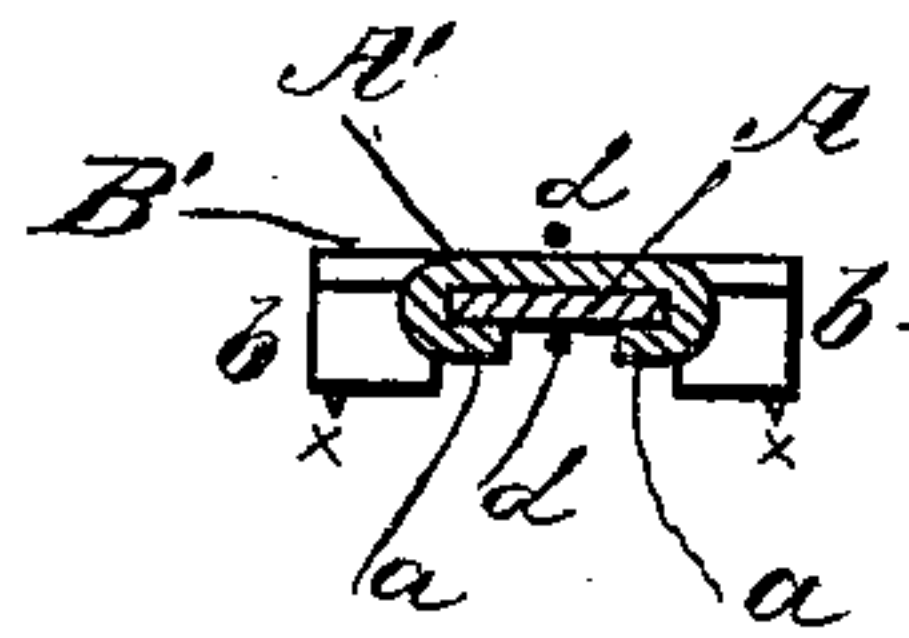


Fig. 4.



WITNESSES
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UNITED STATES PATENT OFFICE.

WELLINGTON H. EASTMAN, OF AUBURN, ASSIGNOR OF ONE-HALF HIS
RIGHT TO CHARLES W. WALDRON, OF LEWISTON, MAINE.

IMPROVEMENT IN GAGE-PINS FOR PRINTING-PRESSES.

Specification forming part of Letters Patent No. **179,539**, dated July 4, 1876; application filed
May 13, 1876.

To all whom it may concern:

Be it known that I, WELLINGTON H. EASTMAN, of Auburn, in the county of Androscoggin and State of Maine, have invented a new and valuable Improvement in Gage-Pins for Printing-Presses; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a perspective, showing my gage applied to a platen; and Fig. 2 is a bottom view of the same. Fig. 3 is a side view, and Fig. 4 is a cross-section.

The nature of my invention consists in the construction and arrangement of an adjustable feed-gage for printing-presses, as will be hereinafter more fully set forth.

In the annexed drawing, A represents a flat metal strip or bar of suitable dimensions, provided at one end with a head, B. This metal strip is placed in guides *a a*, formed along the edges, either on top or bottom, of a similar flat metal strip, A', which is, at the opposite end, provided with a head, B'. The two parts thus placed one within the other, may be extended and contracted as required, and an elastic band, *d*, is passed around them longitudinally, as shown. The heads B B' are provided with downwardly-projecting ears or lugs *b*, between which the elastic band *d* is passed. To these ears or lugs *b* are fastened

points *x x*. The points at opposite ends of the gage extend toward each other and across the platen, or at right angles to the work, said points being inserted in the platen-sheets. When the points are thus inserted, the elastic band holds the gage to its place.

By means of the slide the gage may be extended crosswise of the platen, thereby making it adjustable to the width of the work.

By this construction of the gage the holes in the tympan-sheet are made very small, so that the gage may be slightly moved without the sheets tearing out. This end is further aided by the pins being at right angles to the work.

Only one gage need to be used, unless the sheet is of considerable width.

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

1. A gage-pin or feed-gage for printing-presses, provided with two sets of points, extending inward toward each other, as and for the purpose set forth.

2. An adjustable sliding gage-pin or feed-gage for printing-presses, provided with inwardly-projecting points, and an elastic band passing longitudinally around the same, as and for the purpose set forth.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

WELLINGTON HARRIS EASTMAN.

Witnesses:

C. W. WALDRON,
W. L. SMALL.