

J. L. De HUFF.
PRINTING-PRESS.

No. 174,065.

Patented Feb. 29, 1876.

Fig. 1

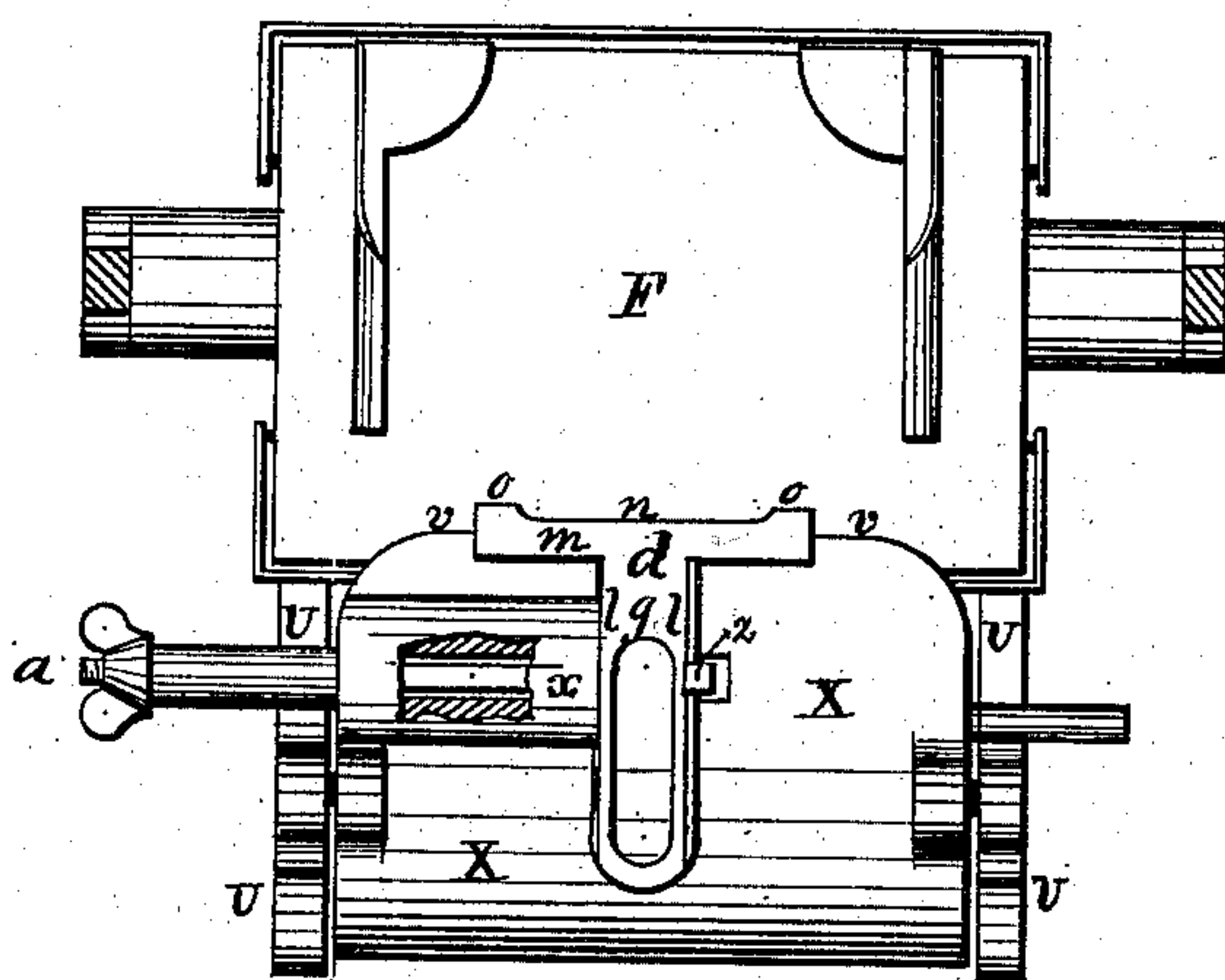


Fig. 2.

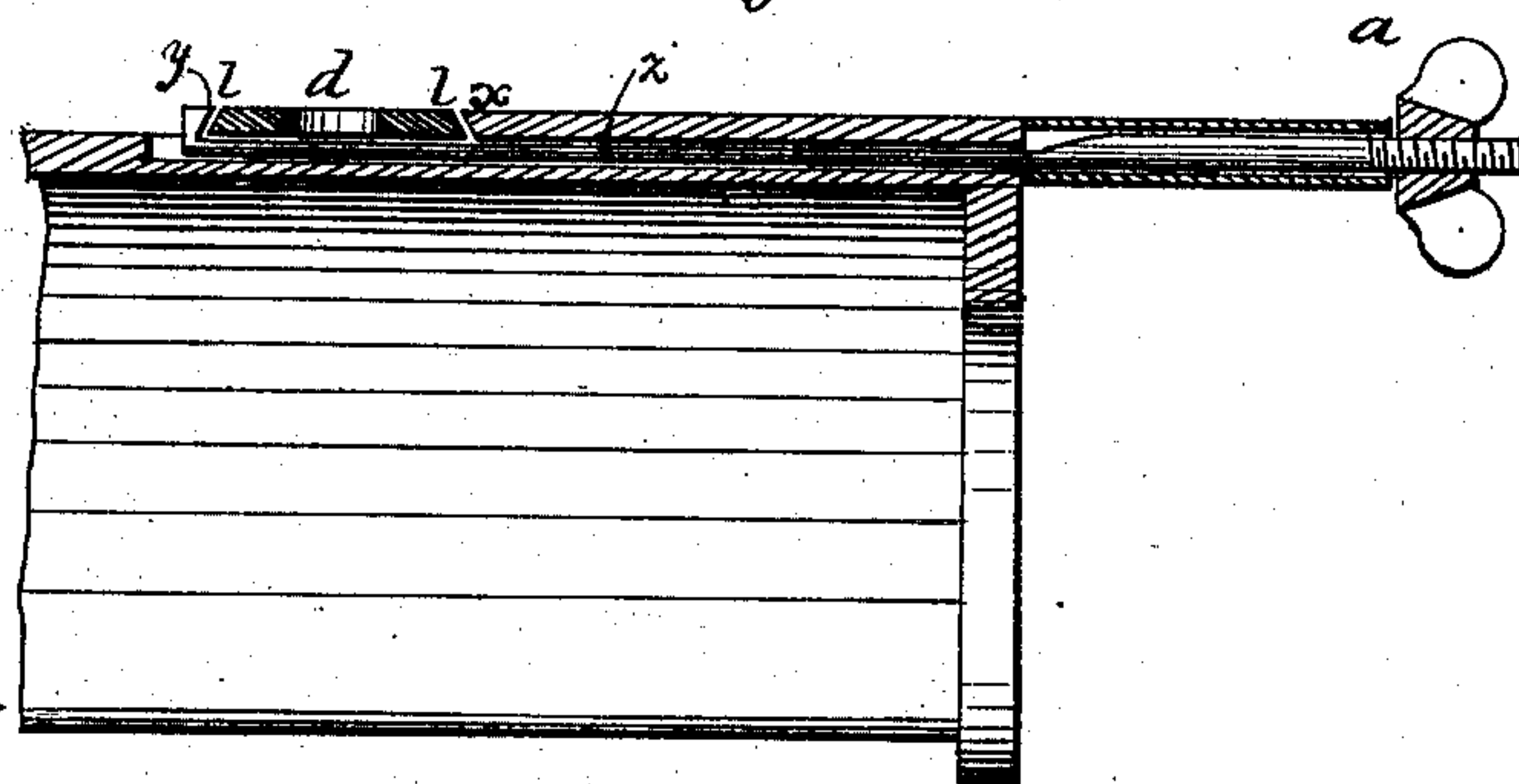
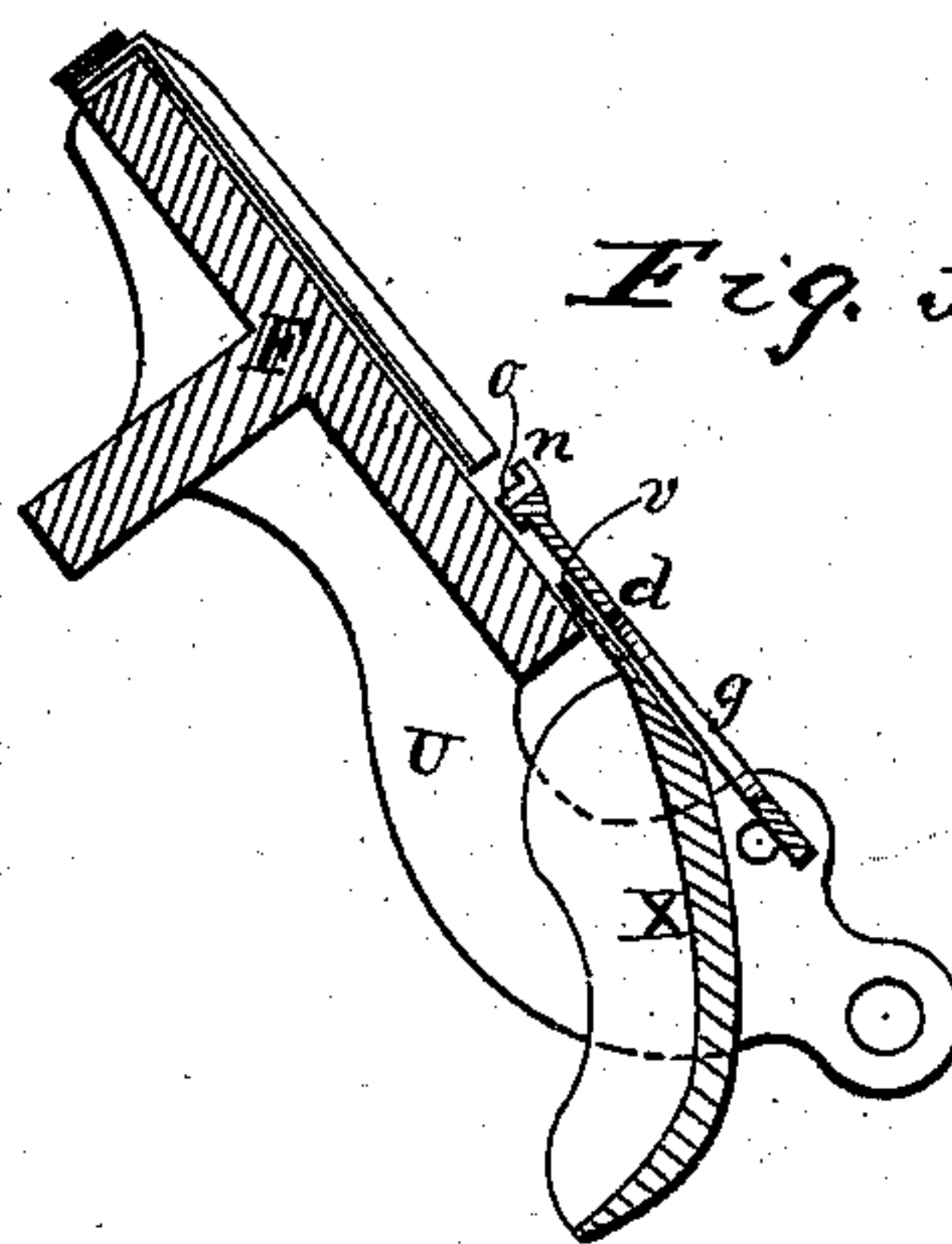


Fig. 3.



Witnesses:

Geo H. Earl
Robert M. [Signature]

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UNITED STATES PATENT OFFICE.

JOHN L. DE HUFF, OF NEWTON, ASSIGNOR TO JOSEPH WATSON, OF
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IMPROVEMENT IN PRINTING-PRESSES.

Specification forming part of Letters Patent No. **174,065**, dated February 29, 1876; application filed
February 26, 1875.

To all whom it may concern:

Be it known that I, JOHN L. DE HUFF, of Newton, Norfolk county, and State of Massachusetts, have invented new and useful Improvements in Printing-Presses, of which the following is a specification:

This invention relates to printing-presses in which the form is stationary, and the platen is arranged to be alternately moved against and away from the form; and it consists in a novel construction and arrangement of parts for gripping and guiding the lower gage of the press, all as hereinafter described.

In the accompanying drawings, Figure 1 is a top or plan view of the platen of a printing-press having my improvements applied thereto. Fig. 2 is a longitudinal section of Fig. 1, taken through the bar 2; and Fig. 3 is a transverse section taken through the center of Fig. 1.

The several parts of the printing-press shown in the said plates, except as to the lower gage, are constructed and arranged as ordinarily in the same class of presses, and therefore they need not be herein particularly described.

d, the lower and bottom gage. This lower gage is of a T form, and its upright bar *g* is beveled at and along its two parallel edges *l*, and its cross-bar *m* has its edge *n* at right angles to the parallel edges *l l* of the upright bar *g*, and it is provided at each end with similar overlapping lips *o o*. *X*, a concave-shaped plate, which is centered and turns at

each end between the two carrying-arms *U U* for the platen *F*, and otherwise is disposed for its upper edge *V* to project above the lower edge, and rest against the front of the platen *F*, all as shown. This concave plate *X* carries the lower gage *d*, and the gage is fastened to it between and by its raised edge *x*, which supports the one beveled edge *l* of the gage, and the edge *y* of the slide-bar *Z*, which supports the other beveled edge *l* of the gage. *a*, a screw-nut on slide-bar *Z*, at one side of the plate *X*, which nut, when turned in one direction, causes the edge *y* of the bar *Z* to bind the lower gage against the edge *x* of the concave plate *X*, which fastens the gage to the plate *X*, and the proper horizontal position of the upper edge *n* of the gage is secured by the bearing between one of the vertical edges *l* of the gage against the vertical edge *x* of the plate *X*.

What I claim as my invention is—

In combination with the lower gage *d*, the plate *X*, constructed with the raised edge *x* and the slide-bar *Z*, having the edge *y*, as described, for gripping and guiding the gage, as set forth.

The above specification of my invention signed by me this 2d day of February, A. D. 1875.

JOHN L. DE HUFF.

Witnesses:

EDWIN W. BROWN,
GEO. H. EARL.