

J. C. GOULD.

Nose-Pieces of Nail-Plate Feeders.

No. 146,821.

Patented Jan. 27, 1874.

FIG. I.

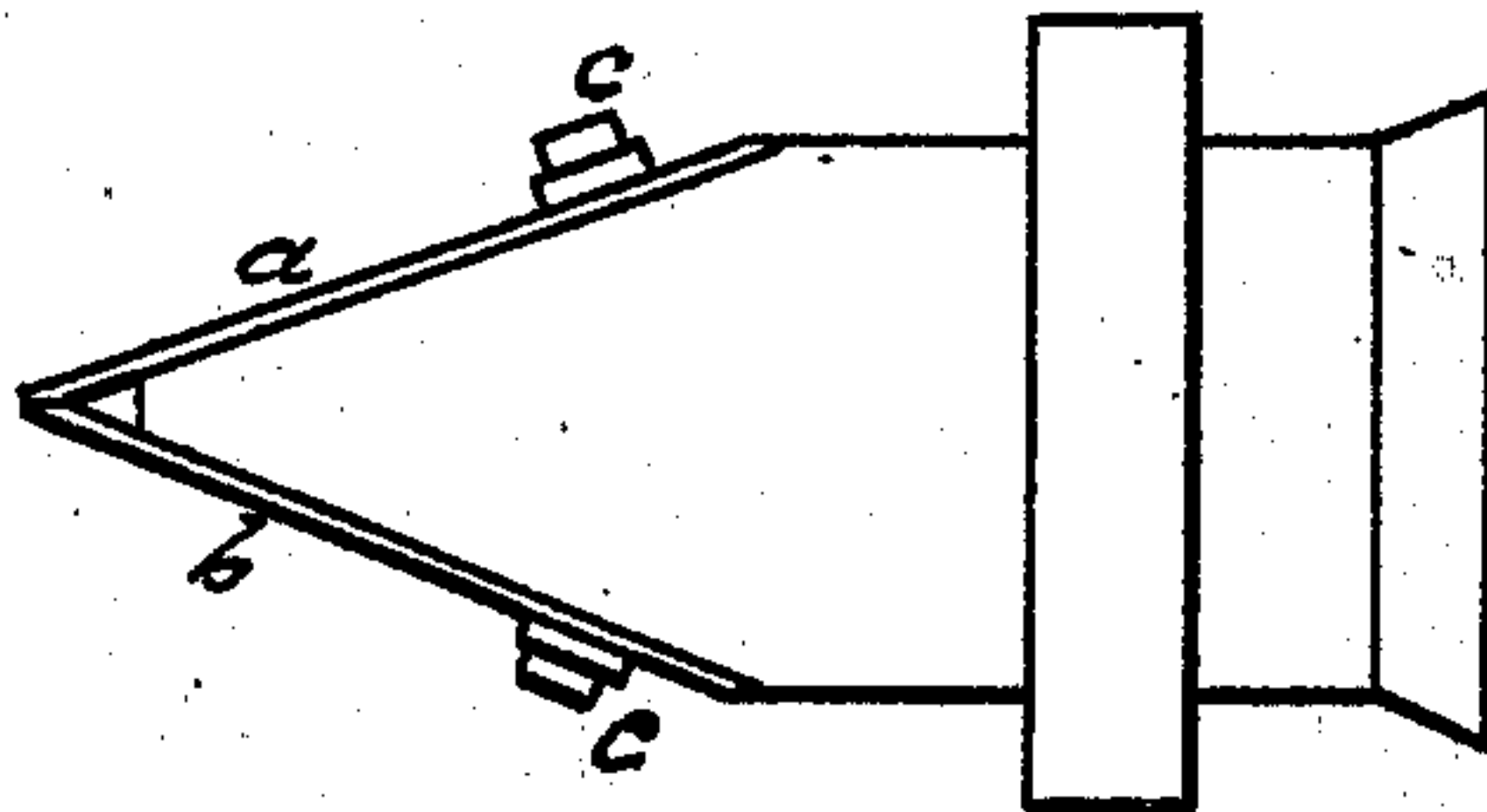
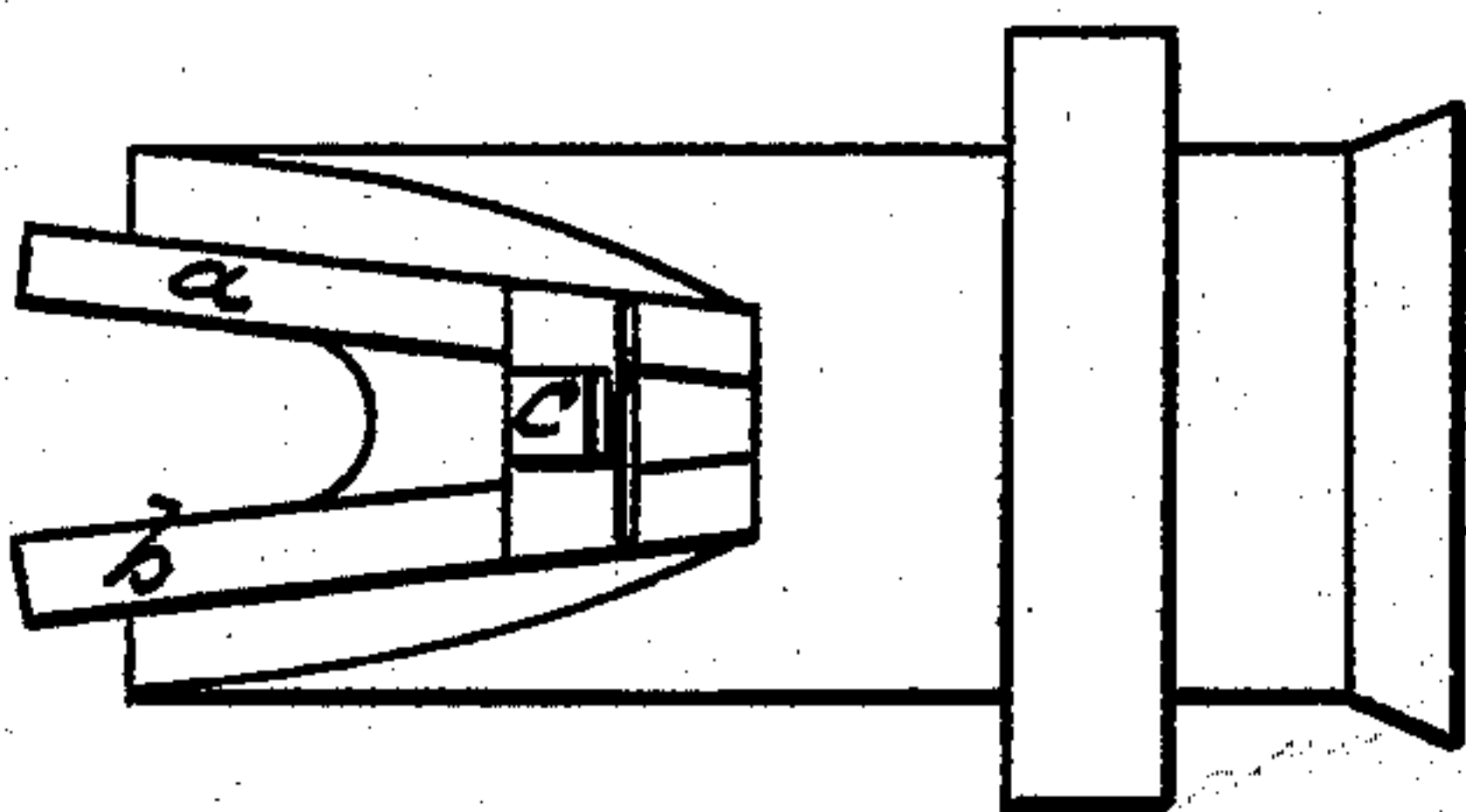


FIG. II.



WITNESSES.
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JOHN C. GOULD, OF NEW YORK, N. Y.

IMPROVEMENT IN NOSE-PIECES OF NAIL-PLATE FEEDERS.

Specification forming part of Letters Patent No. **146,821**, dated January 27, 1874; application filed October 3, 1873.

To all whom it may concern:

Be it known that I, JOHN C. GOULD, of New York, in the county and State of New York, have invented a certain Improvement in the Nose-Piece of Nail-Plate Feeders, of which the following is a specification:

The object of the said invention is to hold the plate between adjustable springs on the sides, so that it may be set to strike against the guide when presented to the knives, and slipped between the springs to the proper position relatively to the knives for forming the head of the nail. When the plate is turned it again strikes the guide, and is again slipped between the springs for the formation of the second nail; and the movement is repeated for every nail. In this manner, whatever may be the irregularities in the width of the plate, within practical limits, the edge of the plate from which the head of the nail is made is properly presented for the formation of the heads as the nails are successively cut. To effect this object there is a pair of springs on the top and the bottom sides of the nose-piece, and each pair is held by a simple bolt in the middle, and the springs are spread for the

passage of the nipper when the plate is cut away to a short butt. It is more applicable to large than small nails.

To enable others skilled in the arts to which it appertains to make and use my invention, I will proceed to describe its construction and operation with reference to the drawing.

Figure 1 is an elevation of the said nose-piece, and Fig. 2 is a plan of the same.

The pairs of springs *a b* are each held in appropriate grooves by a bolt and cross-piece, *c*. As the points of the springs are worn away, they may be adjusted by loosening the bolt and moving them down toward the center.

I am aware that springs have been used for this purpose, and my improvement therefore consists in the construction and arrangement of the parts.

I claim as my invention—

The construction of the nose-piece with springs arranged in grooves and secured with cross-bars and bolts, substantially as described.

JOHN C. GOULD.

Witnesses:

SAM. B. HOUSE,

WM. KEMBLE HALL.

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