

(No Model.)

H. TINDELL.  
DOOR SADDLE.

No. 335,854.

Patented Feb. 9, 1886.

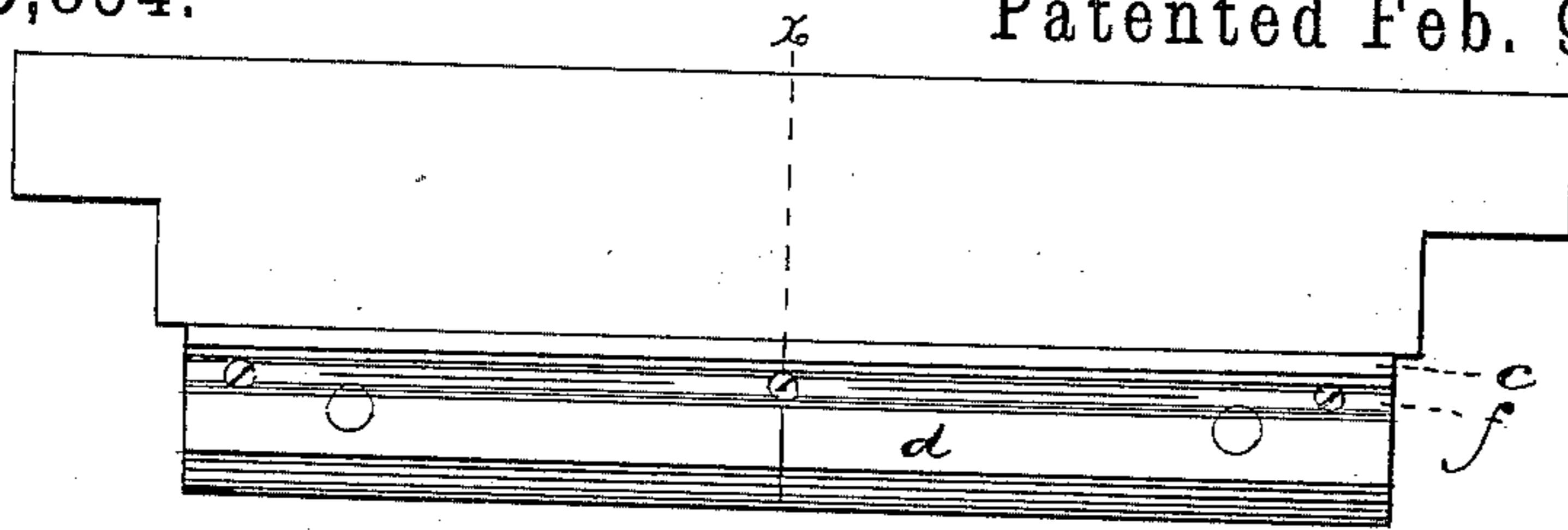


Fig. 1.

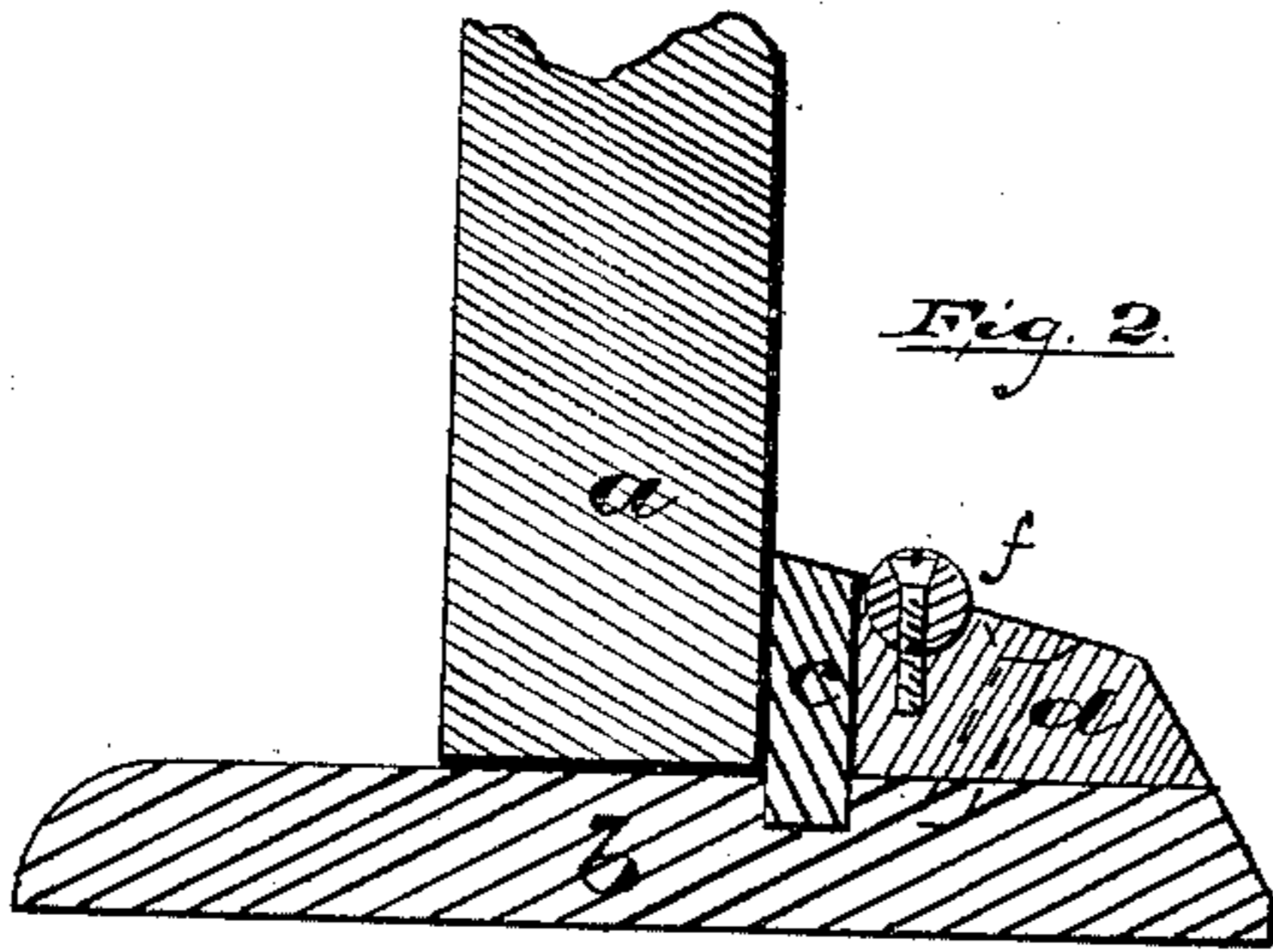


Fig. 2.

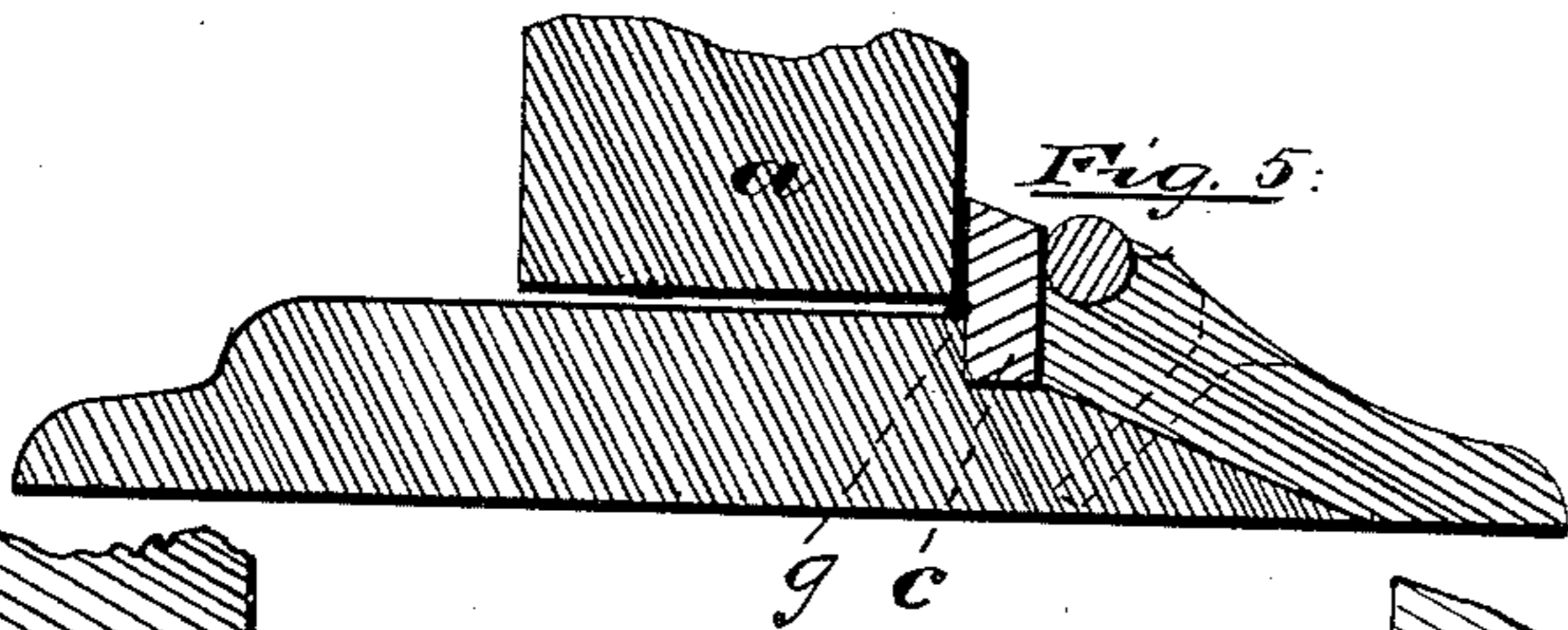


Fig. 5.

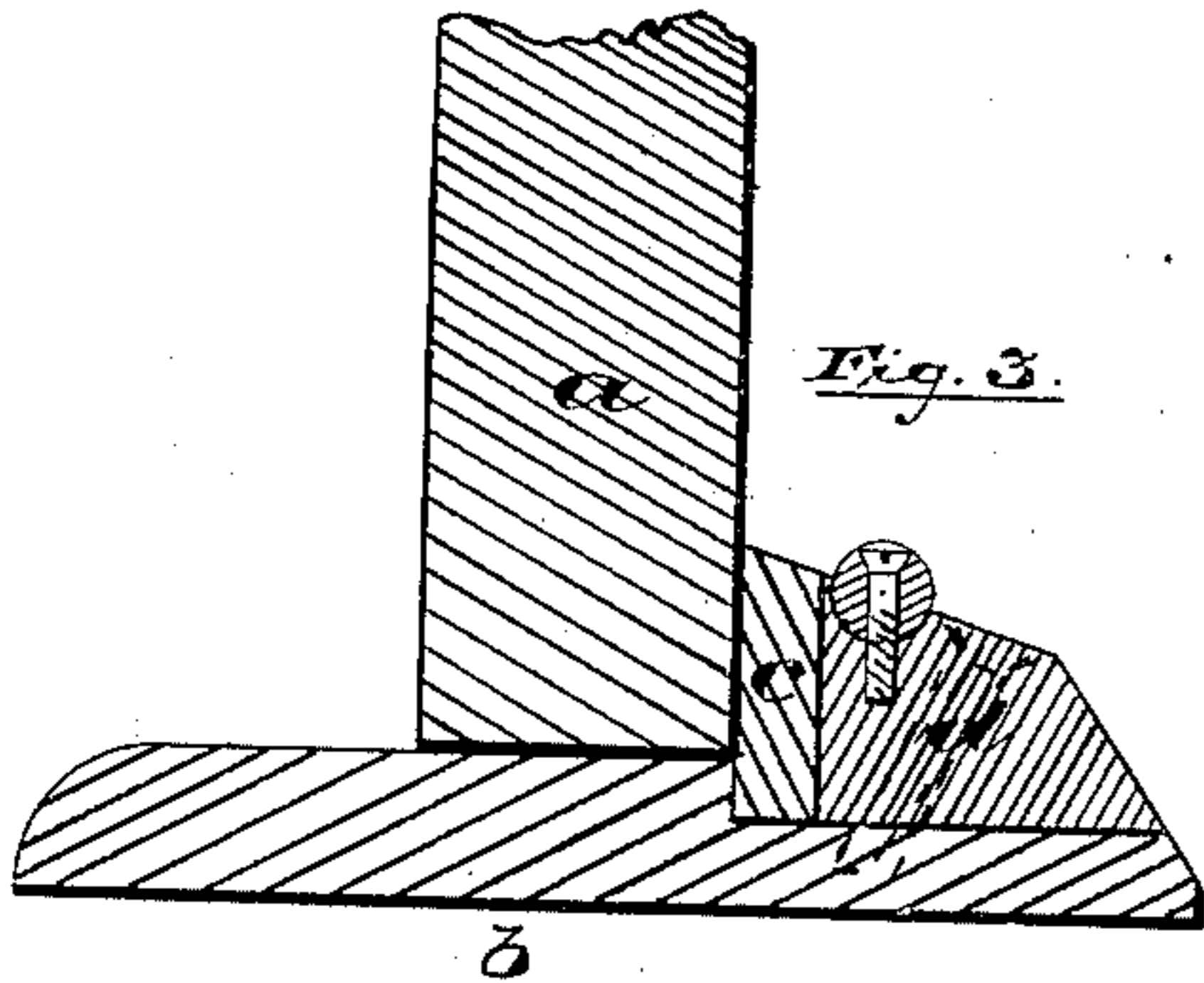


Fig. 3.

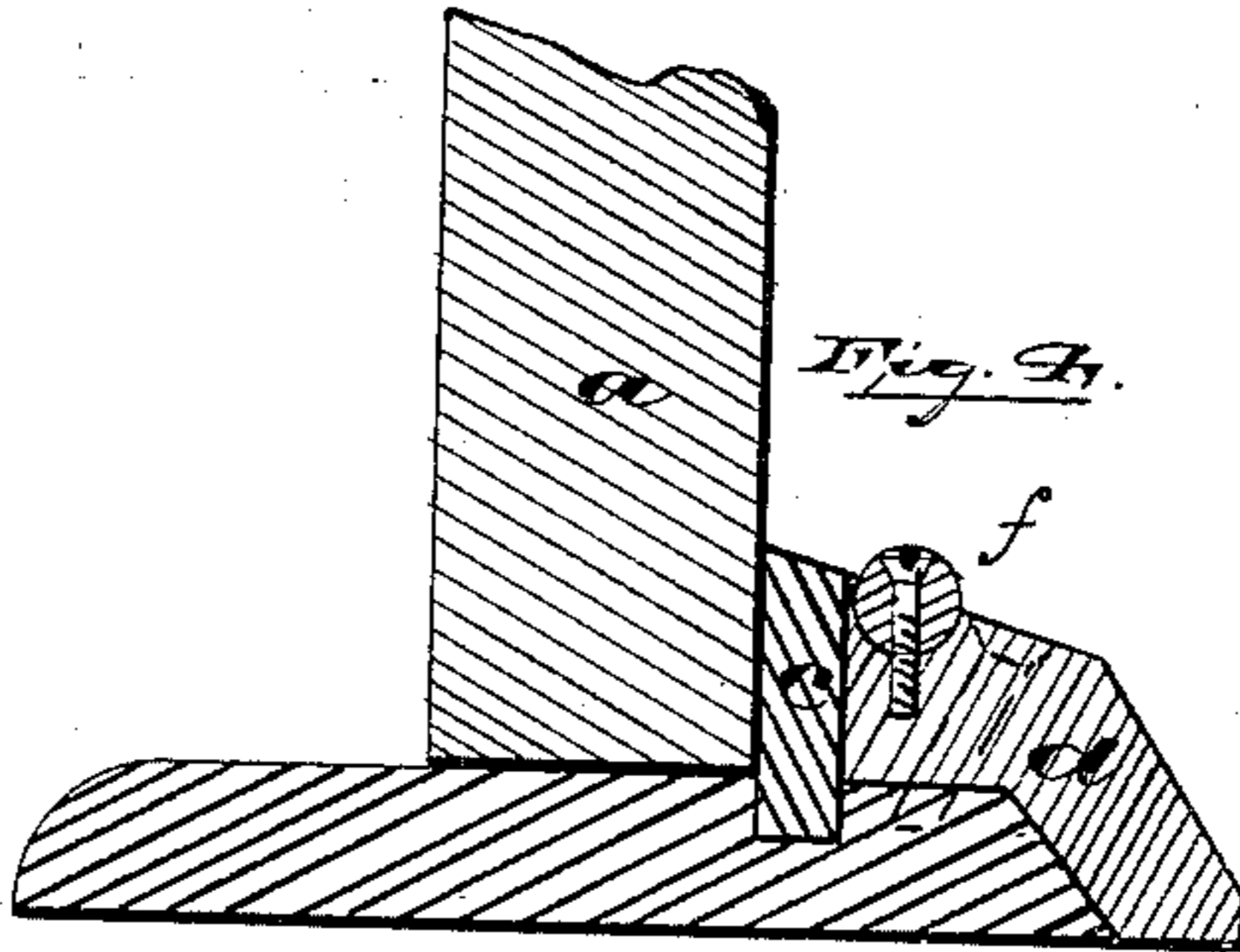


Fig. 4.

WITNESSES:

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# UNITED STATES PATENT OFFICE.

HENRY TINDELL, OF HARRISON, NEW JERSEY.

## DOOR-SADDLE.

SPECIFICATION forming part of Letters Patent No. 335,854, dated February 9, 1886.

Application filed October 6, 1885. Serial No. 179,115. (No model.)

*To all whom it may concern:*

Be it known that I, HENRY TINDELL, a citizen of the United States, residing at Harrison, in the county of Hudson and State of New Jersey, have invented certain new and useful Improvements in Door-Saddles; 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, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

The object of this invention is to more effectually prevent the entrance of drafts or of rain beneath an outside door, between it and the sill thereof, and to provide means for protection against the influence of the said drafts or rain of greater durability and ease of adjustment.

The invention consists in the arrangements and combinations of parts, substantially as will be hereinafter set forth, and finally embodied in the clauses of the claim.

Referring to the accompanying drawings, in which like letters indicate corresponding parts in each of the several figures, Figure 1 is a plan of a sill or saddle having a weather-strip attached. Fig. 2 is a section of the same, taken through line *x*; and Figs. 3, 4, and 5 are sectional views illustrating certain modifications and preferred forms of construction which may be made.

In said drawings, *a* indicates a door, and *b* a saddle or sill therefor. Upon said saddle is or may be secured a rubber or other form of weather-strip, *c*, against which the door is imposed when closed, forming an impervious joint, as indicated in the several sectional figures.

To hold the weather-strip *c* in place against the pressure of the door, I have provided a cleat or shoulder, *d*, which engages the rubber on the side thereof opposite that receiving the pressure of the door.

When the rubber is fastened to the sill or saddle, to take the wear therefrom I have provided a metallic rod or guard, *f*, which is preferably seated in a recess or groove in the cleat or shoulder, and lies approximately flush with or but a little below the upper edge of the weather-strip, thus receiving the weight of the

foot, and protecting the weather-strip from the weight thereof.

I may form a groove in the saddle to receive the rubber, or it may be and preferably is clamped between a shoulder, *g*, of the same and the cleat, the latter up at the side of the rubber being higher than the shoulder, to resist the pressure of the door, and to provide a bearing for the foot, or the metallic rod, at a point at or near the upper edge of the said strip.

I prefer to have the cleat, when it is made separate from or not integral with the saddle, extend to the floor in the manner shown in Figs. 4 and 5, so that the joint which would otherwise appear, as in Fig. 2, is covered or concealed.

For the rubber other appropriate material may be employed—such, for example, as felt, cloth, or leather.

The cleat may be removable or separable from the saddle, so that it may be taken up to allow sweepings to be brushed over the saddle without obstruction.

Other changes may be made than those provided for in the construction of the device without departing from the spirit of the invention.

What I claim as new is—

1. In combination, the saddle, separable cleat, weather strip, and protecting-rod, substantially as set forth.

2. In combination, a saddle, a weather-strip, and a metallic rod to protect said weather-strip, substantially as set forth.

3. In combination, a saddle, a grooved cleat, and a protecting-rod.

4. A door-saddle having a shoulder, *g*, a rubber strip projecting above said shoulder to engage the door, and a separable cleat, *d*, co-operating with said shoulder to hold the strip in position, and projecting above said shoulder to resist the pressure of the door, substantially as set forth.

In testimony that I claim the foregoing I have hereunto set my hand this 28th day of September, 1885.

HENRY TINDELL.

Witnesses:

CHARLES H. PELL,  
OSCAR A. MICHEL.