

(No Model.)

H. A. MARTENS.

BAG FASTENER.

No. 381,265.

Patented Apr. 17, 1888.

Fig. 1.

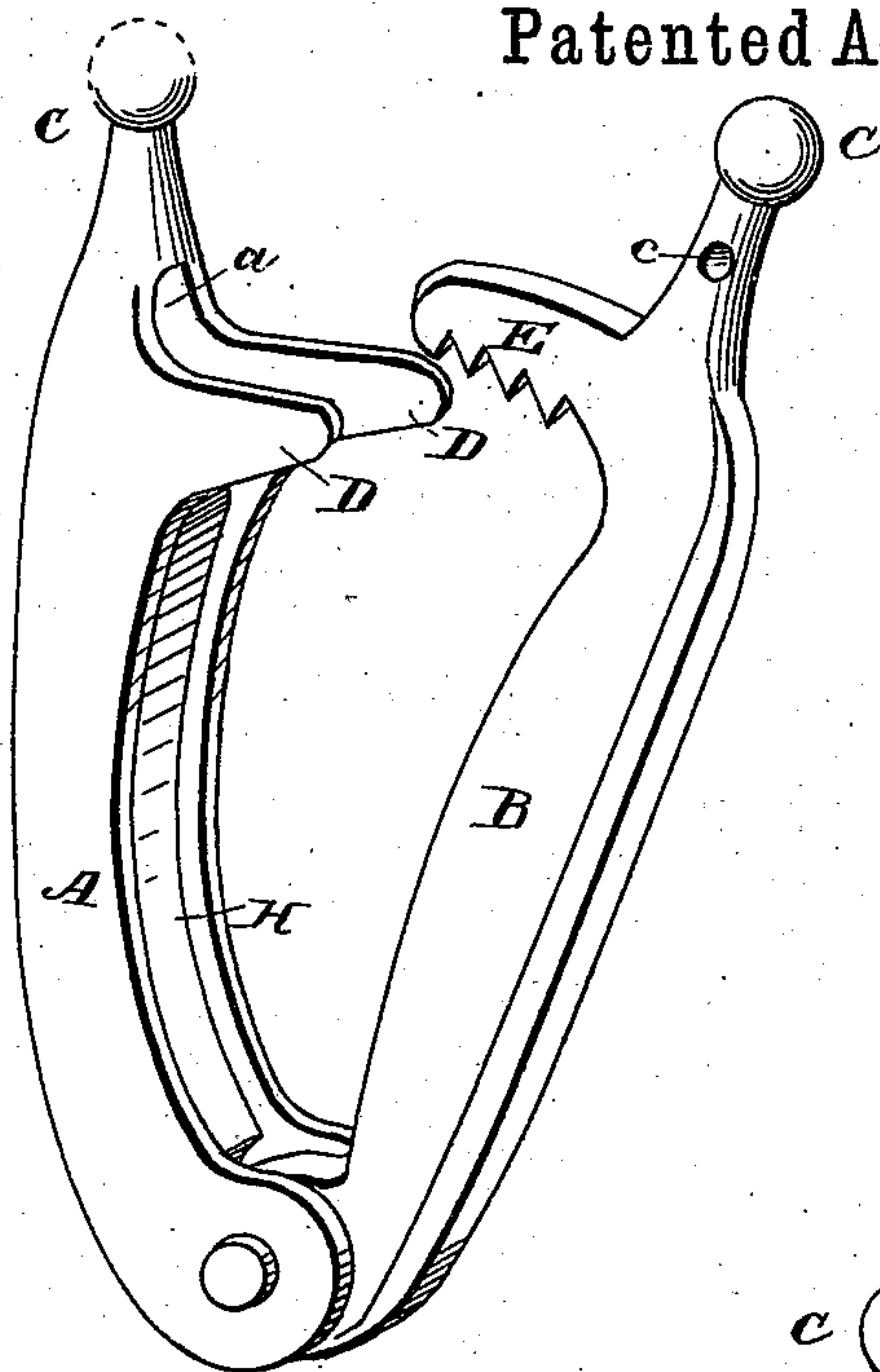


Fig. 2.

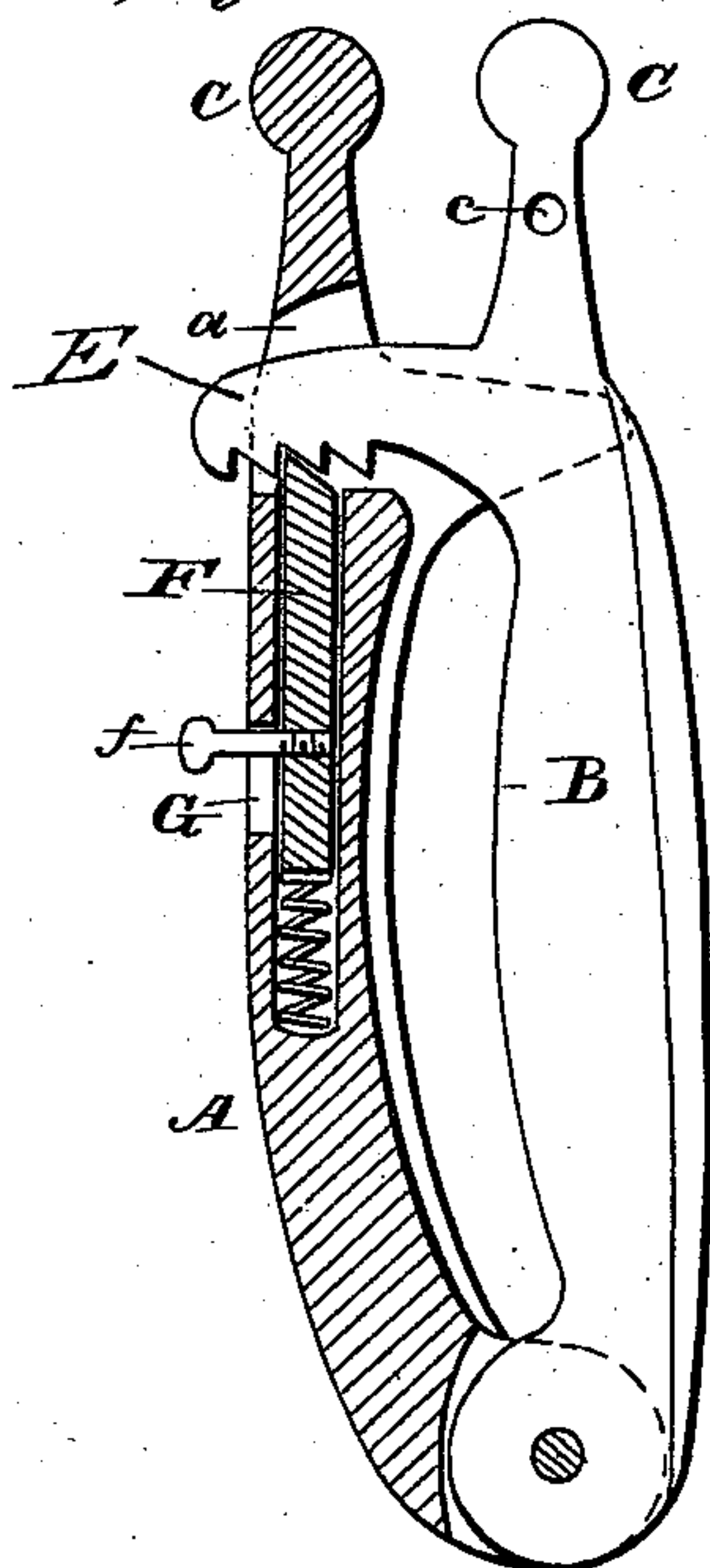
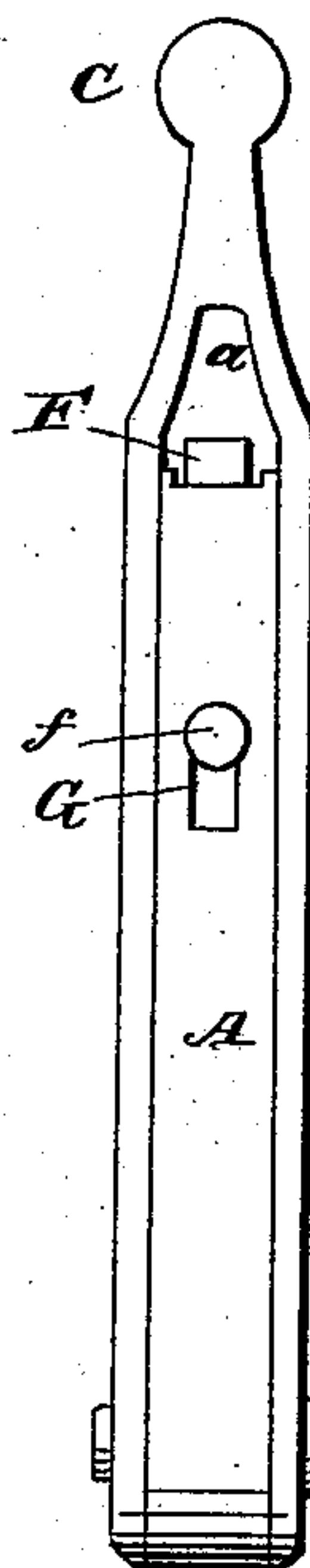


Fig. 3.



WITNESSES:

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BAG-FASTENER.

SPECIFICATION forming part of Letters Patent No. 381,265, dated April 17, 1888.

Application filed January 17, 1888. Serial No. 261,020. (No model.)

To all whom it may concern:

Be it known that I, HENRY ARNOLD MARTENS, of St. Joseph, in the county of Grant and Territory of Dakota, have invented a new and Improved Bag-Fastener, of which the following is a full, clear, and exact description.

The object of the invention is to provide a metallic fastener designed especially for use on grain-bags, and which can be easily applied to a bag and will securely fasten the same.

The invention consists in details of construction, as will be hereinafter fully described and claimed.

Reference is to be had to the accompanying drawings, forming a part of this specification, in which similar letters of reference indicate corresponding parts in all the figures.

Figure 1 is a perspective view of a bag-fastener of my improved construction in the open position. Fig. 2 is a side view, partly in section, the device being shown closed; and Fig. 3 is an edge view.

Two clamps, A B, are hinged together at one end and have formed at their opposite ends headed projections C, to afford handles in forcing the clamps together on the bag. The clamp A is formed with projecting arms D at the upper end, below the headed projection C thereof, which latter is slotted at its base, as at *a*, to allow the passage therethrough of the arm E, projecting inwardly from the opposite clamp, B, the arms D serving to guide the arm E. The under side of the arm E is toothed to engage a spring-bolt, F, that works in a pocket in the clamp A, the beveled outer end of the said bolt projecting into the slot *a* in the path of the toothed arm E. A stud, *f*, on the bolt F projects outward through a slot, G, formed in the clamp A, by means of which stud the bolt F is withdrawn from the toothed arm E to open the clamp.

In the inner face of the clamp A is formed a longitudinal groove, H, the opposite clamp, B, being correspondingly curved outward to force the bagging into the said groove when the clamps are brought together in the action of clamping the bag.

My improved device may be clamped on a bag by a boy, as but very little skill or pressure is required in its manipulation, and it will be found especially advantageous in cold weather, for it may be clamped and unclamped without the workman or boy removing his mittens.

One of the projections C is formed with an aperture, *c*, for the insertion of a string by which to secure the clamp to an empty bag, should it be desired to do so.

Having thus fully described my invention, I claim as new and desire to secure by Letters Patent—

1. The combination, in a bag-fastener, of two clamps hinged together, one clamp being formed with a toothed arm and the other being provided with a spring-bolt adapted to engage the said toothed arm, substantially as shown and described.

2. The clamp A, provided in a pocket thereof with a spring-bolt, F, in combination with the clamp B, hinged to the clamp A, and formed with a projecting toothed arm, E, for engagement with the bolt F, both clamps being formed with the headed projections C, to aid in clamping the device on a bag, substantially as shown and described.

3. The clamp A, provided in a pocket thereof with a spring-bolt, F, and formed with a longitudinal groove, H, in the inner face, in combination with the clamp B, curved on its inner face to correspond with the groove H, and formed with a toothed arm, E, for engagement with the bolt F, substantially as shown and described.

4. The clamp A, formed with a projection, C, the said projection being slotted at its base, as at *a*, the spring-bolt F in a pocket in said clamp carrying the stud *f*, in combination with the clamp B, also having a projection, C, and formed with the toothed arm E, substantially as shown and described.

HENRY ARNOLD MARTENS.

Witnesses:

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E. E. GLOMSTAD.