

No. 711,821.

Patented Oct. 21, 1902.

G. B. McL. BUZZELL.
HANDLE.

(Application filed Feb. 10, 1902.)

(No Model.)

Fig. 1.

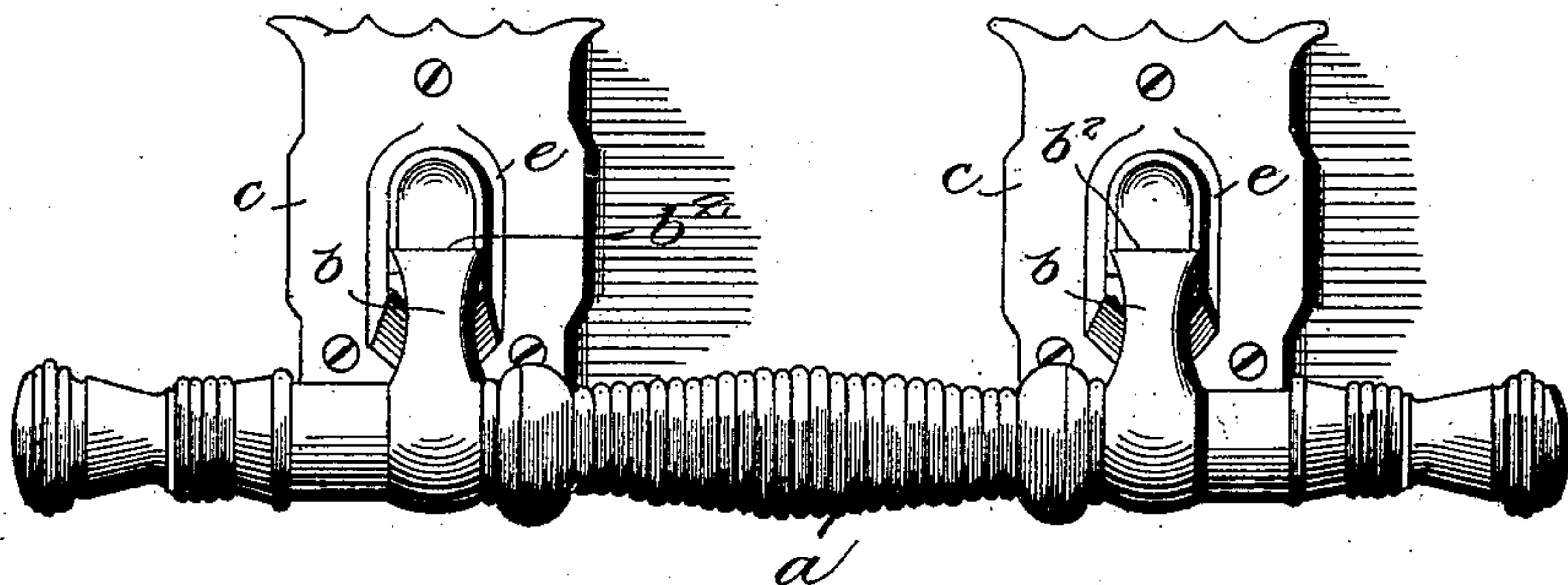


Fig. 2.

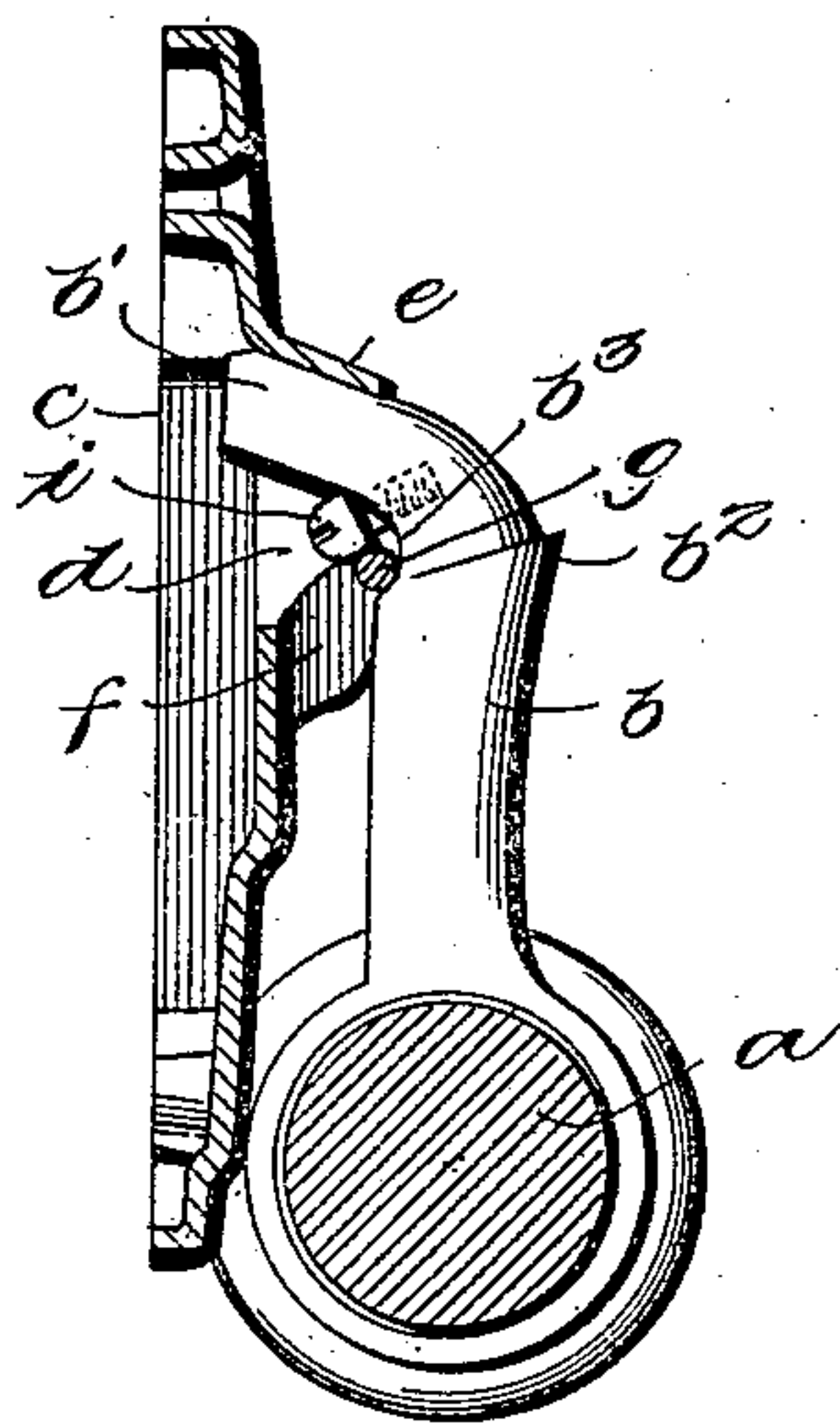


Fig. 3.

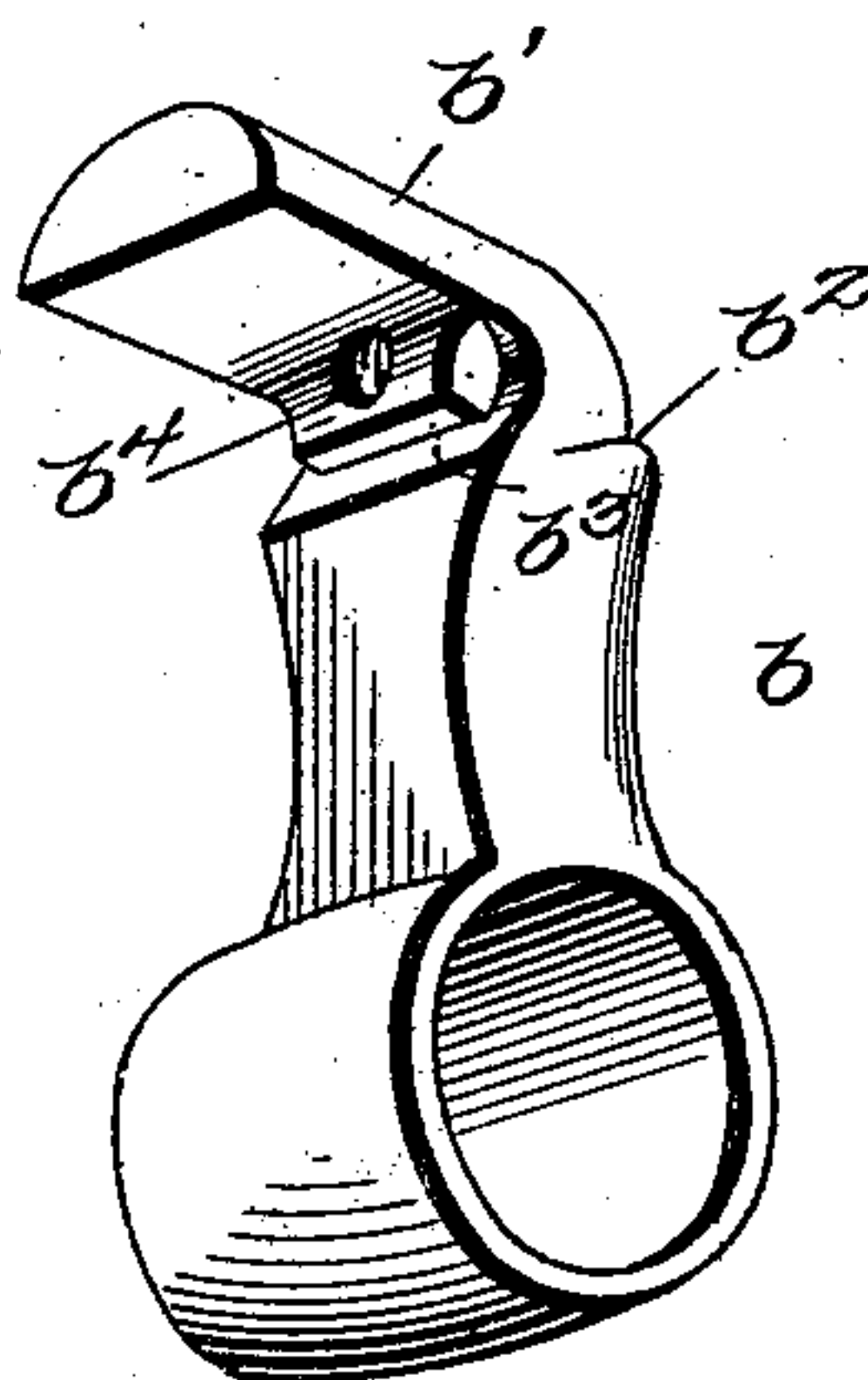
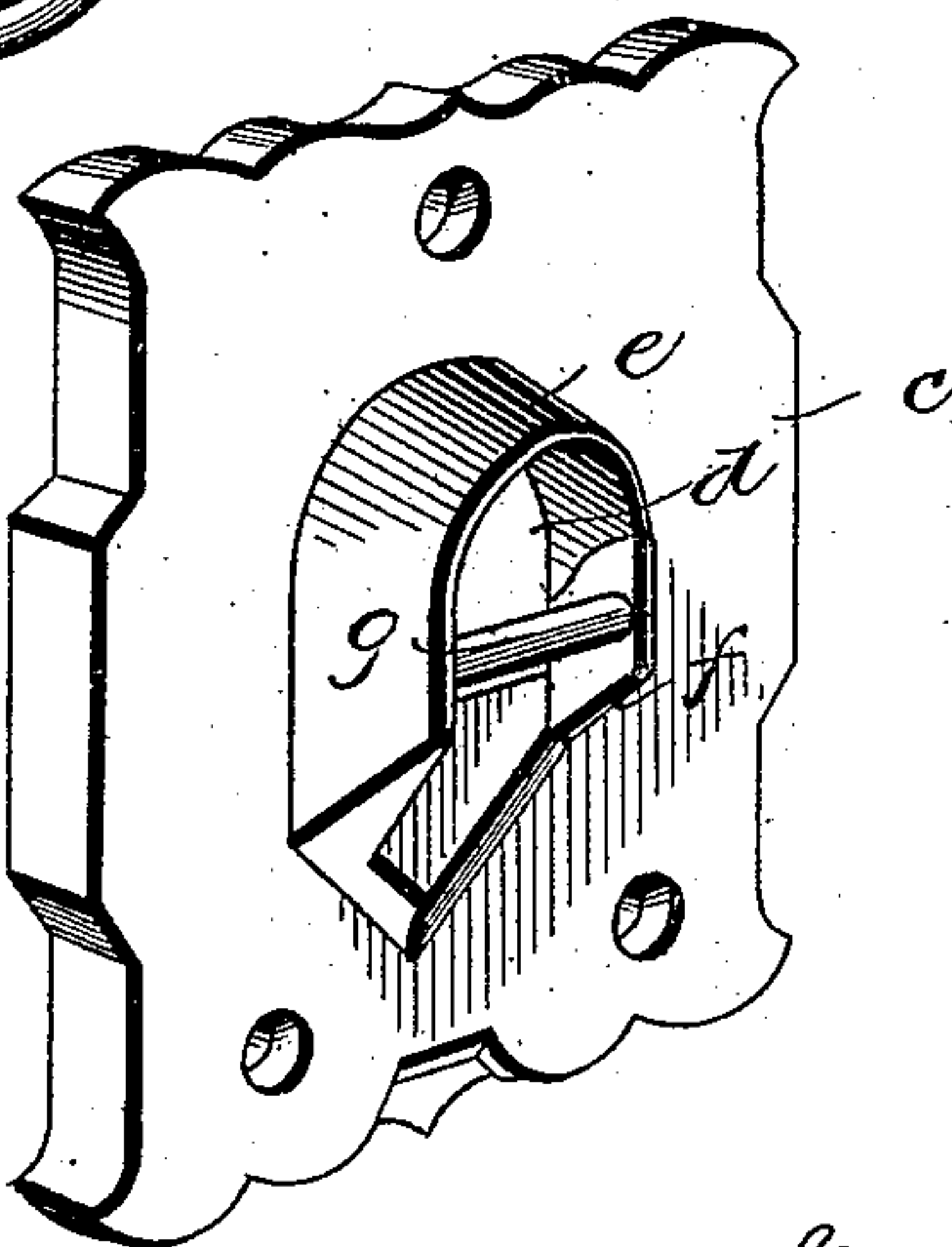


Fig. 4.



Witnesses
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UNITED STATES PATENT OFFICE.

GEORGE B. MCLELLAN BUZZELL, OF WEST MEDWAY, MASSACHUSETTS.

HANDLE.

SPECIFICATION forming part of Letters Patent No. 711,821, dated October 21, 1902.

Application filed February 10, 1902. Serial No. 93,331. (No model.)

To all whom it may concern:

Be it known that I, GEORGE B. MCLELLAN BUZZELL, a citizen of the United States, residing at West Medway, in the county of Norfolk and State of Massachusetts, have invented certain new and useful Improvements in Handles, of which the following is a specification.

My invention relates to an improvement in handles and means for attaching the same to articles to which they are to be applied of that type in which the handle is designed to be swung down to assume a position against the side of the article to which the same is attached when out of use and to be swung out in the lifting action and arrested when away from the side of said article and at right angles thereto. Handles of this class are usually applied to burial coffins or caskets, and as my invention is primarily intended for this purpose I shall illustrate and describe the same in this connection.

The object of this invention is to provide a strong, cheap, efficient, and ornamental arrangement for pivotally connecting the handle of the usual structure to a casket.

To this end the invention consists of the structure to be hereinafter described in detail, and particularly pointed out in the claim.

The invention is illustrated in the accompanying drawings, in which—

Figure 1 is a fragmentary view of the side of a casket with the handle attached thereto. Fig. 2 is a transverse sectional view. Fig. 3 is a perspective view illustrating one end bar, and Fig. 4 is a perspective view of the attaching-plate.

The handle shown herein is in appearance of the ordinary type employed upon caskets, comprising an ornamental gripping-bar *a*, having corresponding end bar *b*, rigidly secured thereto near each end of the same and extending at right angles thereto. The ends of the bars are secured in ornamental plates *c*, screwed to the sides of the casket.

As before premised, the invention herein presented resides in the construction and arrangement of the plates *c* and the end bars *b*, whereby a strong, simple, and eminently satisfactory pivotal connection is provided between said parts.

Each of the plates *c* is provided with a

socket *d*, formed by a centrally-raised flanged or neck portion *e*, having the under side cut away or recessed, as at *f*, and provided with a bar *g*, extending across from side to side of the flange or neck at the bottom of the same, or above the upper end of the cut-away portion *f*. The end of each bar *b* terminates in an angular extension *b'*, joined to the straight portion of the bar by a curved portion which defines a small arc from which the extreme end of the bar extends tangentially.

A shoulder *b²* is provided at the end of the straight portion of the bar *b*, which extends over the upper portion and side thereof for a purpose to be described. On the under side of the bar a transverse groove or recess *b³* is provided at the end of the straight portion or between the end and a boss projecting from the under side of the curved portion of the bar *b*, which is provided with a thread-opening *b⁴*.

In assembling the parts the ends of bars *b* are inserted in the sockets *d* above the bars *g*, the plates *c* and bars being held in parallel position to facilitate this operation. The insertion of the ends in the sockets will be arrested when the bars *g* become seated in the grooves *b³*. The handle is then swung out or around upon said bars as a pivot until the bars *b* are at right angles to the plates *c*, when the further movement of the handle will be prevented by the shoulders *b²* abutting against the edge of the neck *e*, while the under side of the extreme ends of bars *b* will abut against the rear faces of the plates *c*. With the parts in this position the tap-openings *b⁴* will be brought into alinement with the cut-away portions or recesses *f* and rendered accessible, so that screws or similar devices *i* may be secured therein. The latter provide retaining or locking means to prevent the withdrawal of the ends of the bars *b* from the plates *c* irrespective of the positions assumed by the handle relative to the plates *c*. This effect is secured by reason of the fact that the heads of the screw serve to maintain the bars *g* within the grooves *b³*, and as the extreme ends of bars *b* extend tangentially from the curved portion thereof at less than right angles said ends are forced against the under wall of the socket when the handle is thrown down, while the heads of the screws bear upon the rear

sides of the cross-bars. The ends of the bars are thus locked firmly within the plates *c*.

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

In combination, attaching-plates having a socket formed by centrally-raised flanges or necks, bars extending across the socket from the edges of the flanges, recesses leading
10 through the flanges below said bars, and a handle comprising a gripping and end bars,

the said end bars having angularly-extending terminals with recesses to receive the cross-bars, and screws having heads coacting with the cross-bars.

In testimony whereof I affix my signature
15 in presence of two witnesses.

GEORGE B. McLELLAN BUZZELL.

Witnesses:

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