

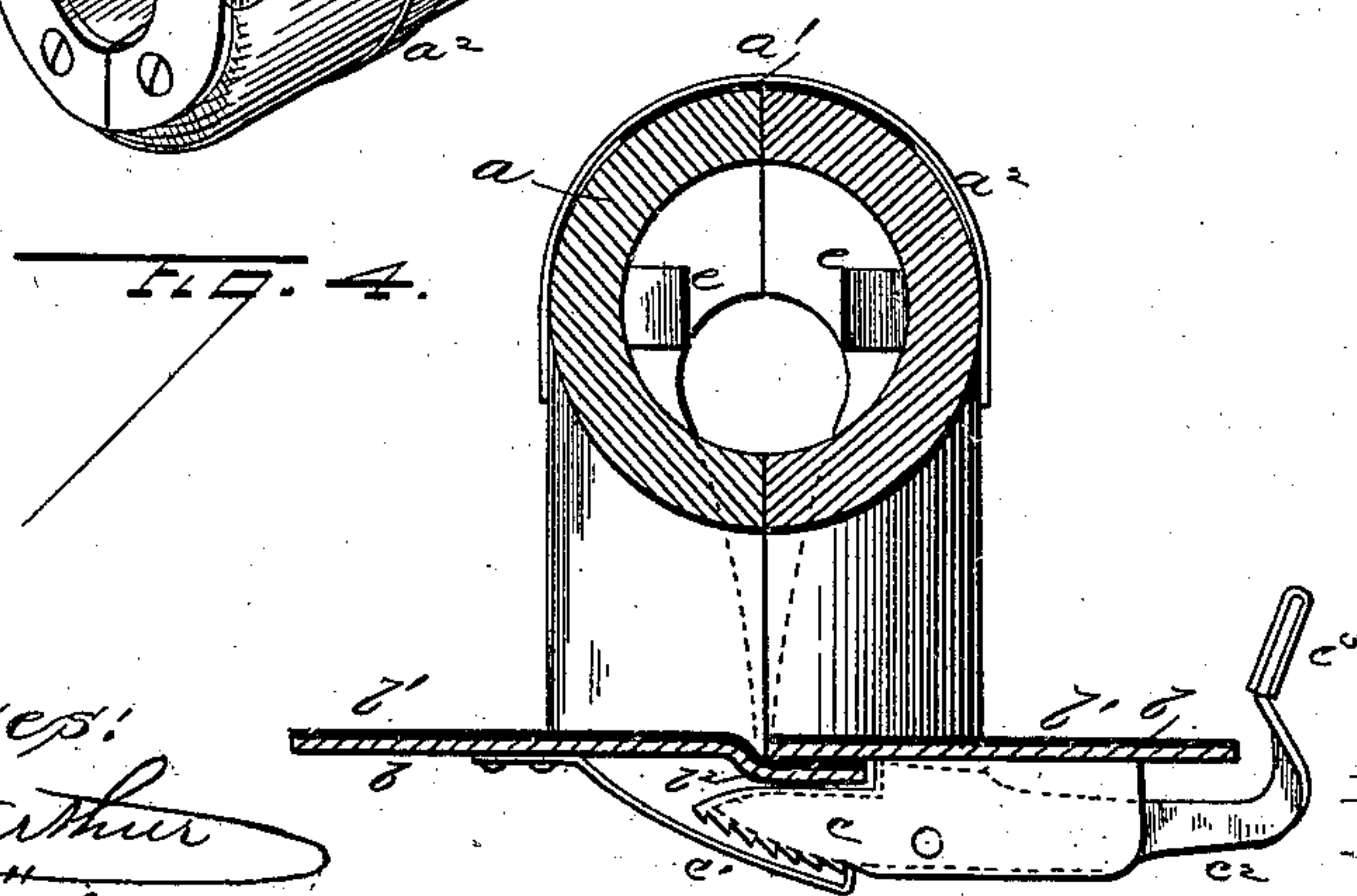
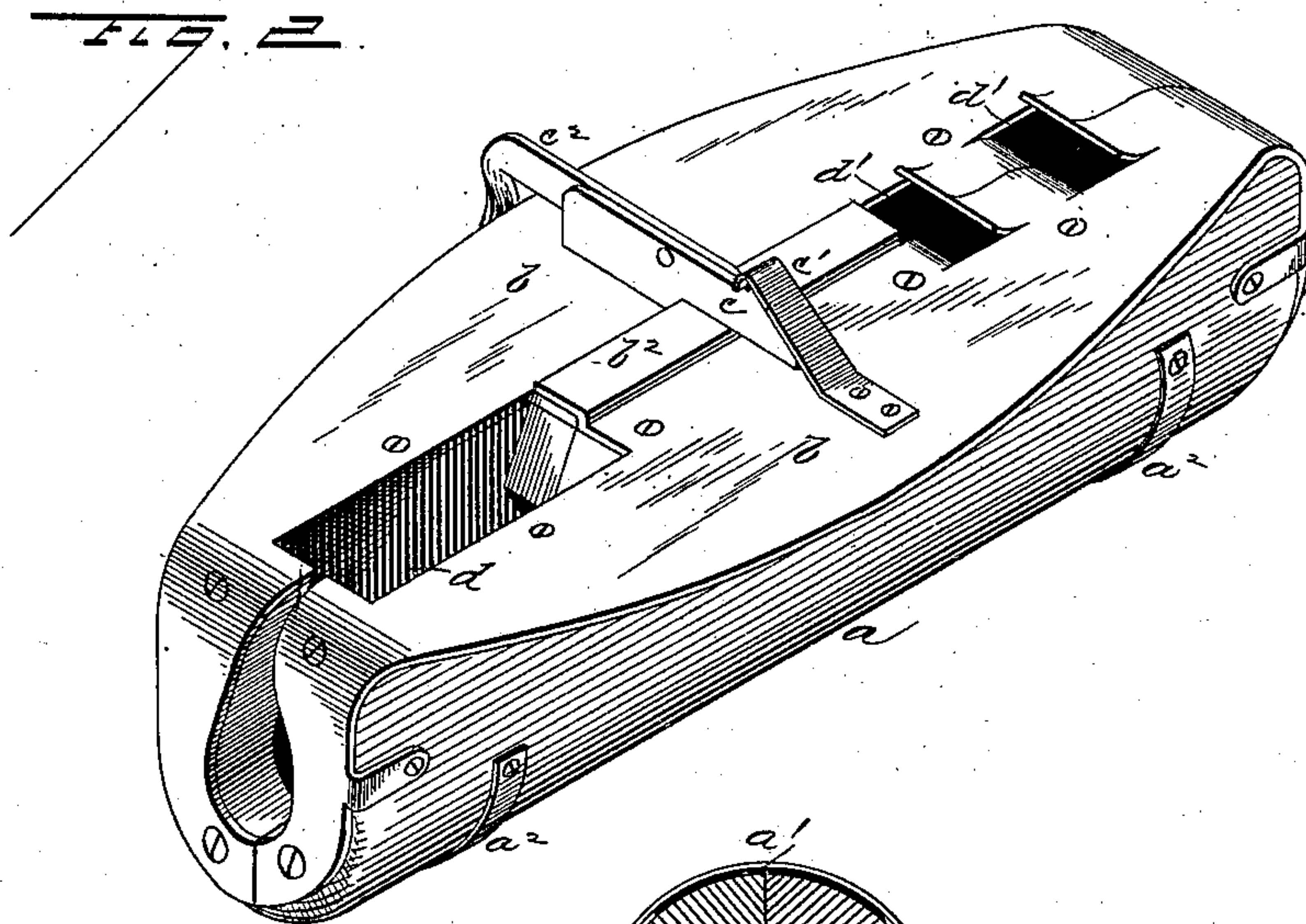
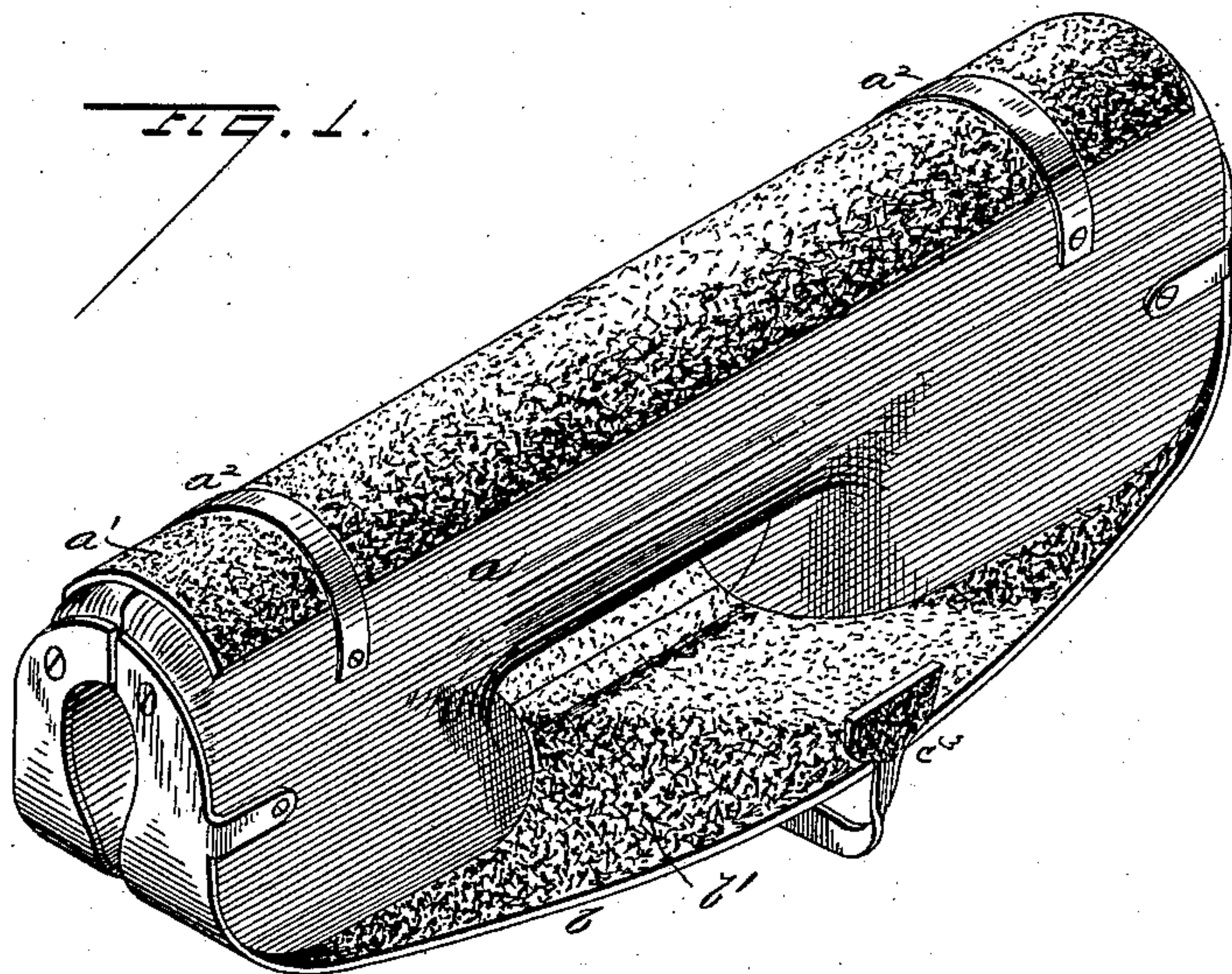
(No Model.)

2 Sheets—Sheet 1.

J. H. DOYLE.
SAD IRON HOLDER.

No. 372,064.

Patented Oct. 25, 1887.



Witnesses:
A. C. McArthur
H. S. McArthur

Inventor:
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per
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Attorney.

(No Model.)

2 Sheets—Sheet 2.

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FIG. 3.

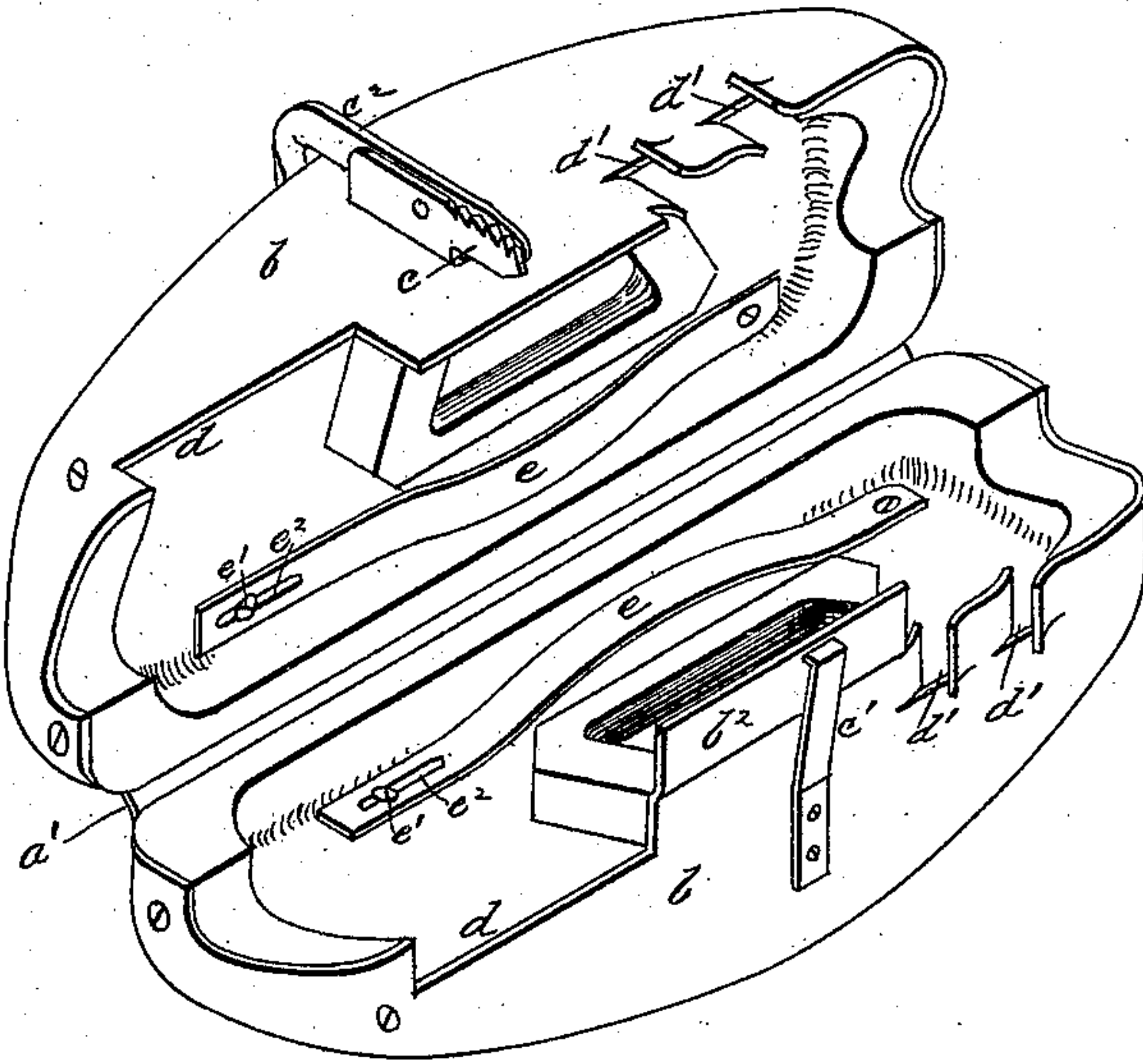
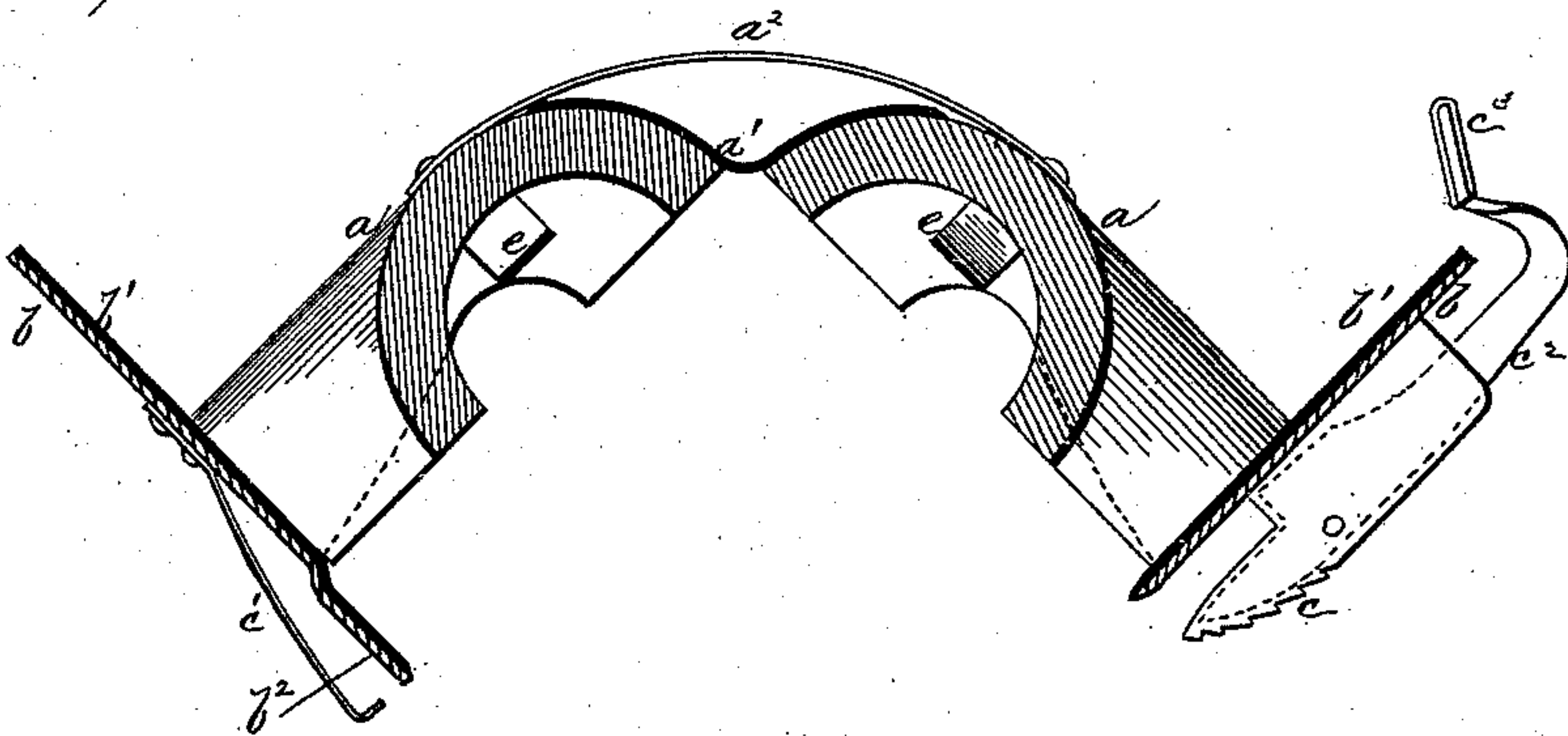


FIG. 5.



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UNITED STATES PATENT OFFICE.

JOHN HENRY DOYLE, OF CHICAGO, ILLINOIS.

SAD-IRON HOLDER.

SPECIFICATION forming part of Letters Patent No. 372,064, dated October 25, 1887.

Application filed July 21, 1886. Serial No. 208,660. (No model.)

To all whom it may concern:

Be it known that I, JOHN HENRY DOYLE, a citizen of the United States, residing at Chicago, in the county of Cook and State of Illinois, have invented certain new and useful Improvements in Sad-Iron Holders, of which the following is a specification, to wit:

This invention relates to an improvement in sad-iron holders; and it consists in certain peculiarities of the construction and arrangement of the same, substantially as will be hereinafter more fully set forth and claimed.

In order to enable others skilled in the art to which my invention pertains to make and use the same, I will now proceed to describe its construction and arrangement, referring to the accompanying drawings, in which—

Figure 1 is a perspective view of my holder as it appears in use. Fig. 2 is a bottom perspective view in a similar condition; Fig. 3, a similar view opened out; Fig. 4, a transverse section closed, and Fig. 5 a similar view opened.

a represents the main body of my holder, which consists, preferably, of wood, hollowed to receive the handle of the iron, and made in two parts hinged together by a strip of leather, *a'*. Other substances may, of course, be used for hinges; but I prefer leather or similar soft and flexible material, as it is less liable to become too hot for comfort in contact with the hand.

Over the back of the hollow holder *a* are passed a couple of springs, *a''*, which tend to open the holder, as clearly shown in Fig. 5; and to the lower part of each half of the holder is secured a plate or shield, *b*, also covered on its upper side with a non-conductor, *b'*, such as leather, and one of these plates or shields is at the center provided with a projecting lip, *b''*, of considerable extent, which overlaps the adjacent edge of the other plate when the device is closed, and thus fully protects the fingers from radiated heat, when the holder may be more or less closed to fit handles of different size.

Upon one of the shields is secured a toothed or ratchet plate, *c*, with which engages a hooked spring latch or pawl, *c'*, on the other shield, and upon the toothed plate is pivoted

a trip, *c''*, for disengaging the latch, this trip being bent up over the outer edge of the shield to form a handle, as at *c'''*, by which it is operated.

Through the shields at their meeting edges is formed, near one end, a long opening, *d*, for the passage of one leg of the iron handle, and near the opposite end is a series of two or more openings, *d'*, of proper size to properly fit the other leg of the handle; and I am thus enabled to accommodate handles of different length, while, one leg being closely embraced, the iron is held quite firmly without any danger of slipping.

Within the hollow part of the holder I have arranged on each side a long flat spring, *e*, one end of each of which is secured firmly and the other end loosely by means of a screw, *e'*, passing through a slot, *e''*, in the spring. These springs bear against and are compressed by the handle of the iron when in use, and are thus used to insure a proper hold upon handles of different diameter.

Normally the holder is in the position seen in Figs. 3 and 5, and when it is desired for use it is grasped by the hand and placed over the iron and closed around it tightly, the spring-latch holding it in place. When the holder is to be changed from one iron to another, the tripping device is pressed by one finger, and the holder at once flies open, as illustrated. This holder fits any size of iron and firmly clamps any one by reason of its series of openings in the two-part shield and the springs inside the hollow body. The latter make it especially valuable in use with the highly-heated polishing-irons, which usually have smaller handles than others, but are as firmly held herein.

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

1. In a sad-iron holder, a handle covering made in two parts hinged together, in combination with a two-part shield secured upon the handle-covering, and formed with an elongated opening through its meeting edges near one end and a series of smaller openings near the other end, substantially as and for the purpose set forth.

2. The combination, with the two-part holder *a*, provided with springs *a*² for opening it, and the springs *e* for clamping the handle, of the two-part shield *b*, formed with 5 openings *d d'*, the ratchet *c*, pawl *c'*, and trip *c*², substantially as and for the purpose set forth.

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

J. HENRY DOYLE.

Witnesses:

W. C. MCARTHUR,

W. S. MCARTHUR.