

J. H. HETTINGER.
Can-Cover.

No. 220,835.

Patented Oct. 21, 1879.

Fig. 1.

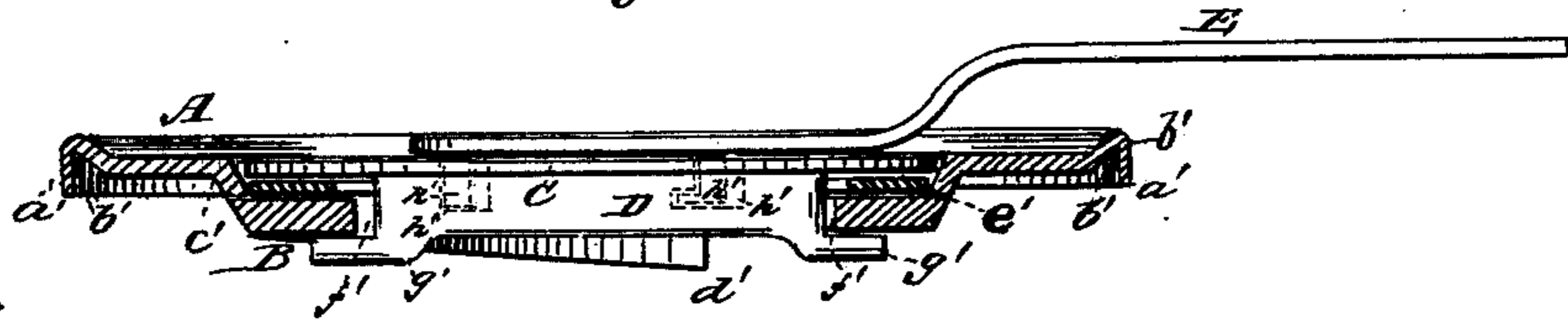


Fig. 2.

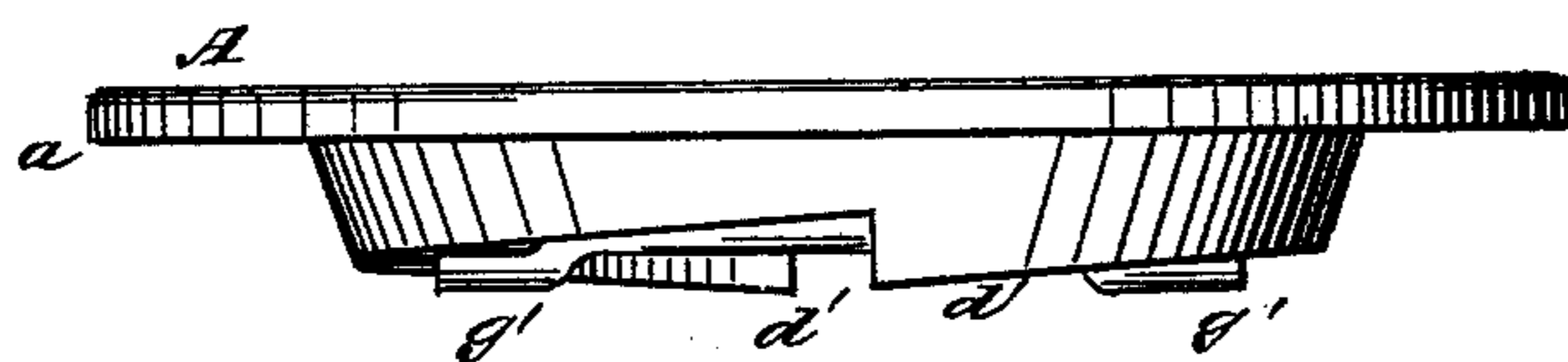


Fig. 3.

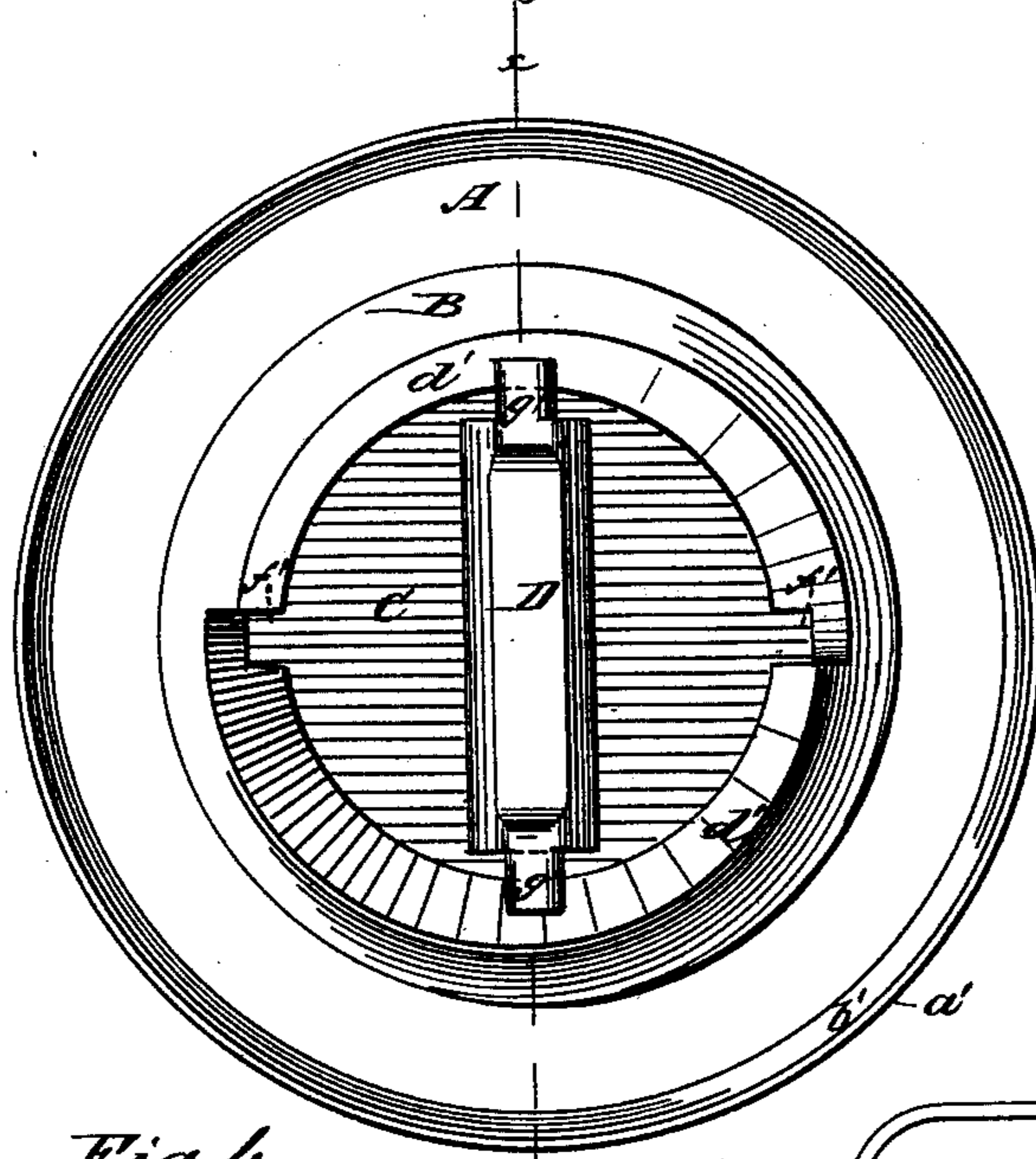
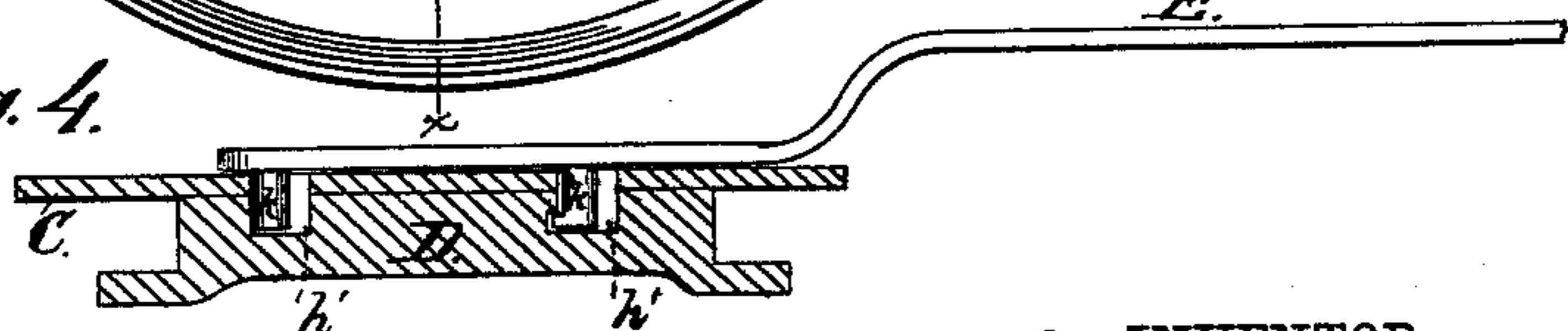


Fig. 4.



WITNESSES:

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JOHN HENRY HETTINGER, OF BRIDGETON, NEW JERSEY.

IMPROVEMENT IN CAN-COVERS.

Specification forming part of Letters Patent No. **220,835**, dated October 21, 1879; application filed June 28, 1879.

To all whom it may concern:

Be it known that I, JOHN HENRY HETTINGER, of Bridgeton, in the county of Cumberland and State of New Jersey, have invented a new and Improved Can-Cover, of which the following is a specification.

Figure 1 is a sectional elevation on line *x x*, Fig. 3. Fig. 2 is a side view of the device. Fig. 3 is a plan of the reverse of the cover. Fig. 4 is a sectional elevation of the cover or lid, showing the points of the key inserted in the holes therein.

Similar letters of reference indicate corresponding parts.

The object of this invention is to provide a simple, readily-adjustable, and efficient cover for cans and jars, paint-cases, &c., used for holding preserves, pickles, paints, &c.

The invention consists of a flat ring of sheet metal with its outer edge turned down, and a V-shaped groove or indentation worked in its under side to fit over and upon the rim of a jar or can; and it further consists in turning downward the inner edge of the ring and soldering or otherwise fastening thereto a solid, thicker, and smaller ring of metal, whose upper surface is plain, but whose reverse is fashioned into two inclined planes, and the interior ring is provided with two slots opposite each other; and it further consists of the lid or covering of the opening in this inner ring, which is composed of a flat disk of metal having attached to its lower surface a cross-bar with two laterally-projecting ears, and through this disk, and reaching into this cross-bar, are two holes or sockets for the introduction of the points of the key that is used to lock the disk or lid with the cover.

In the drawings, A represents the flat ring of sheet metal with its outer edge, *a'*, turned down, and provided with the V-shaped groove *b'*. At *c'* the inner edge of the ring is turned down and fastened to the smaller and thicker metallic ring, B, which is provided with two

inclined planes, *d' d'*, on its under side, and two slots, *f' f'*, made in its edge.

The lid C is a disk of metal, to the under side of which is fastened the cross-bar D, that is provided with projecting ends or ears *g' g'*, and key-holes *h' h'* are made in the lid for the reception of the points *k' k'* of the key E.

The cover is fastened on a can or jar permanently, in the usual manner, and when wishing to close or seal the jar or can securely a rubber packing-ring, *e'*, is laid in the depression formed by the relative positions of the two rings A B, and the lid is then set on so that the ears or projecting ends *g' g'* of the cross-bar pass down through the slots *f' f'*. The points of the key are then inserted in the holes of the lid C, and the cover or lid turned so as to cause the projecting ends of the cross-bar to be forced up on the inclined planes *d' d'* until the lid is drawn down as tightly as possible, thus making a perfectly air-tight joint between the lid and cover.

By applying the key E and turning it a reverse way the lid is easily loosened and removed.

It is obvious that this device can be applied also to barrels, boxes, or cases of wood, as well as of metal, by changing only the material of which it is constructed.

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

1. The notched thick ring B *d'*, soldered flat onto the inside of can-cover, as shown and described.

2. The combination of the ring A *a' b'*, the ring B, having inclined planes *d'*, the lid C, having holes *h'*, and the cross-bar D, having ears *g'*, as and for the purpose specified.

JOHN HENRY HETTINGER.

Witnesses:

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CHRISTOPH KELLER.