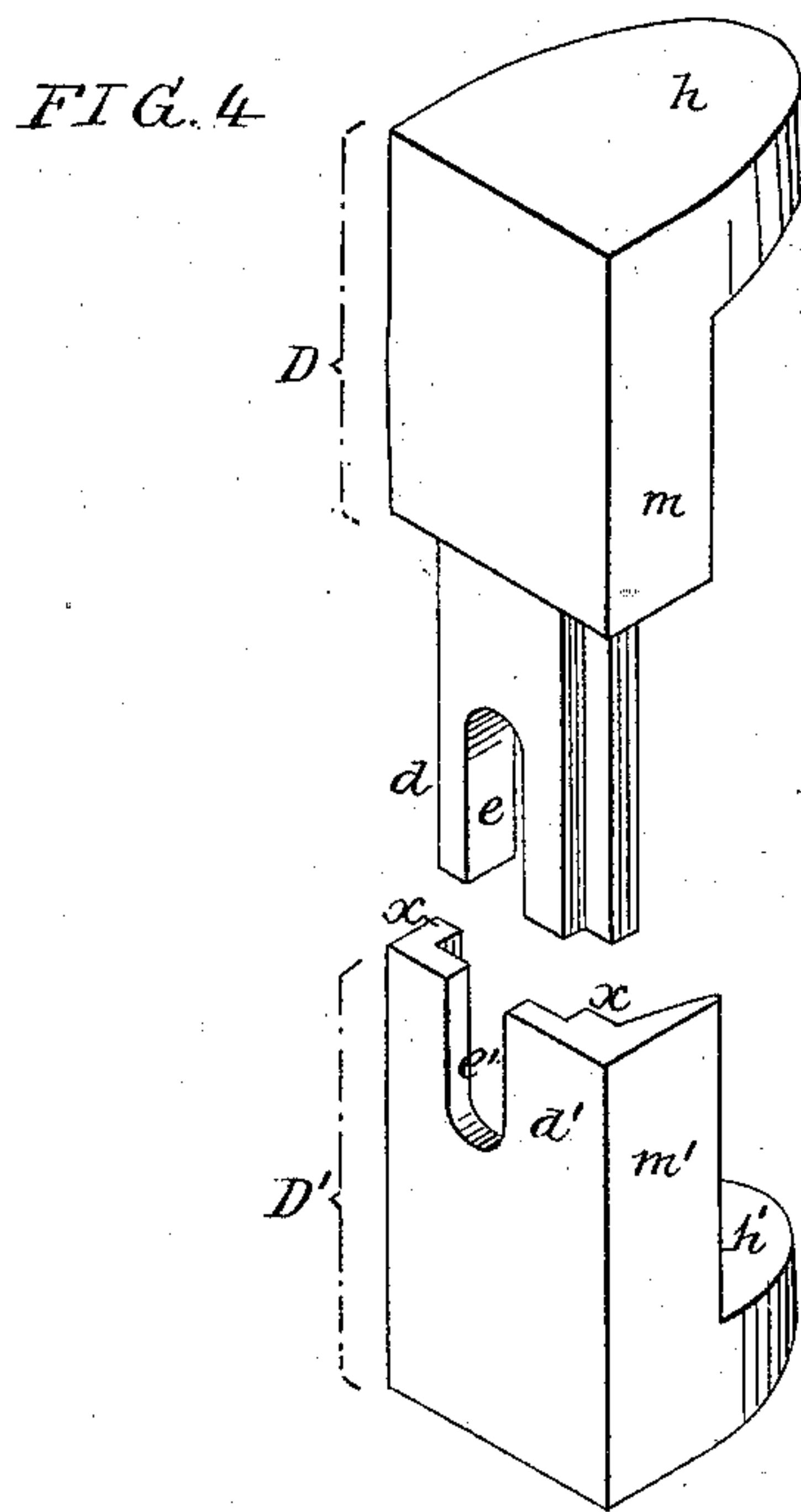
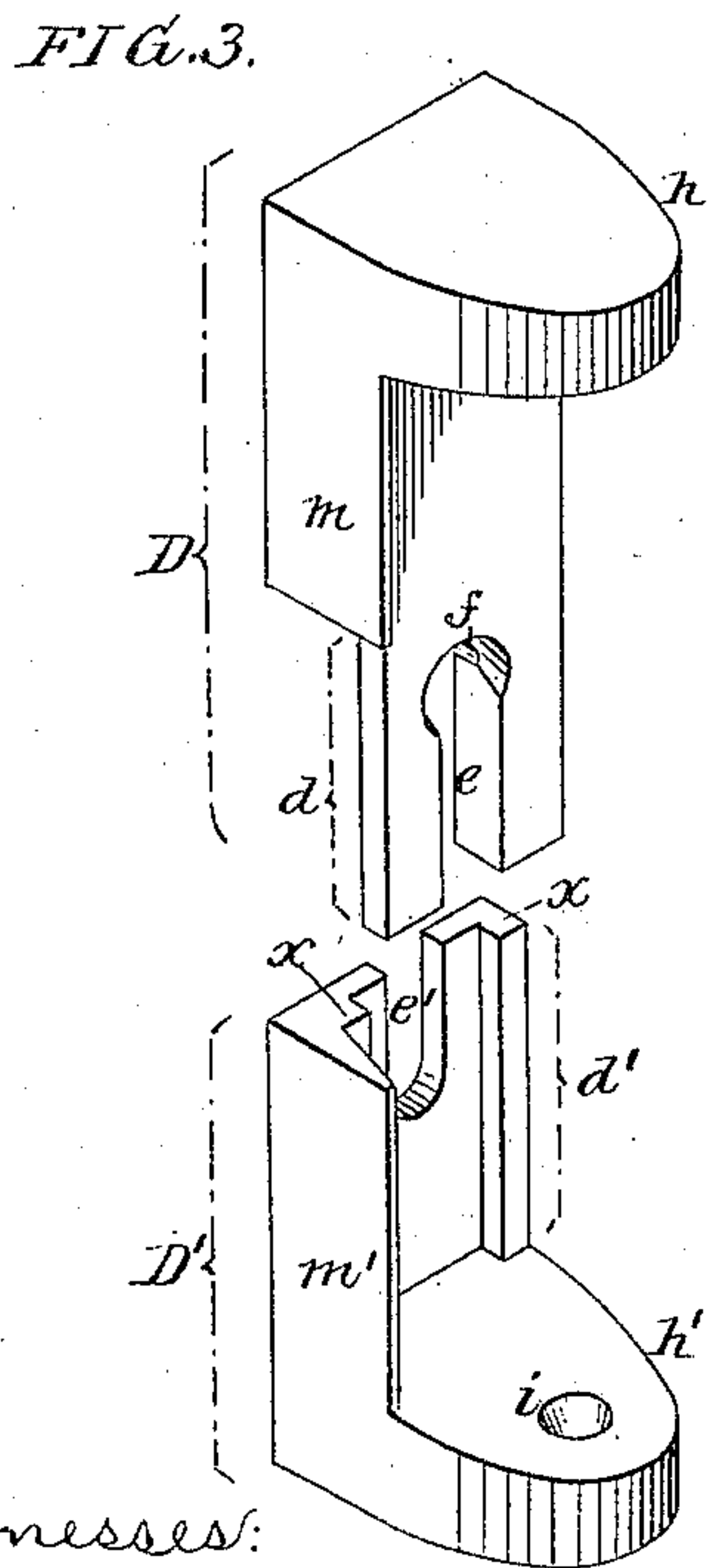
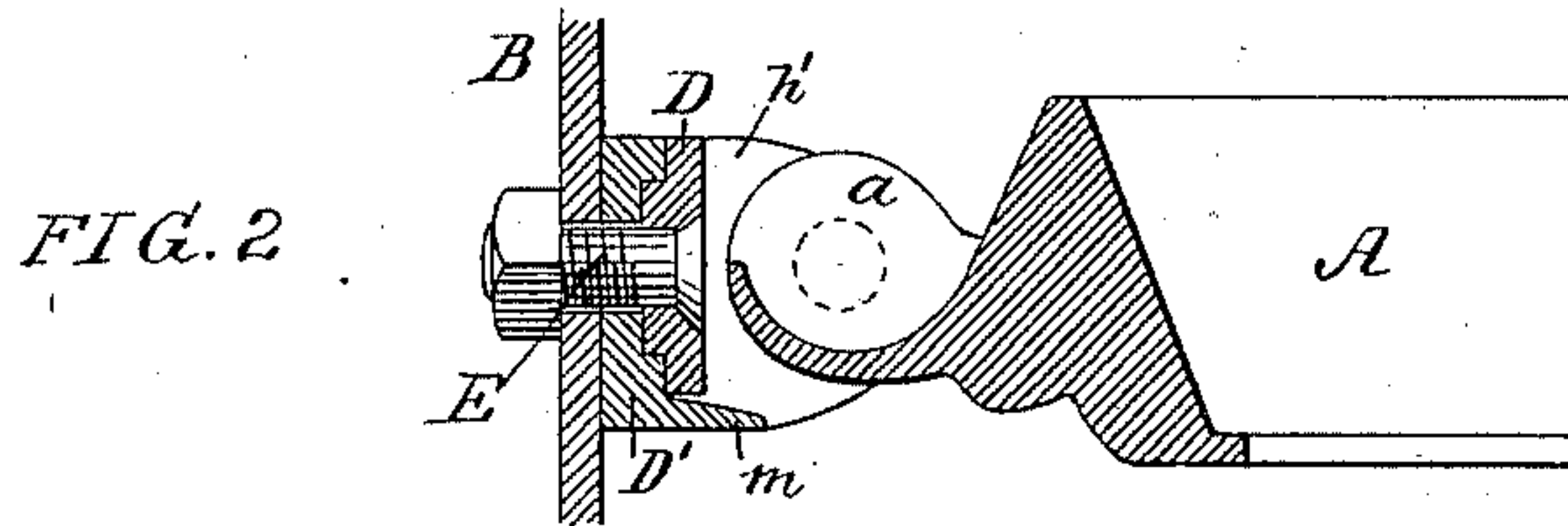
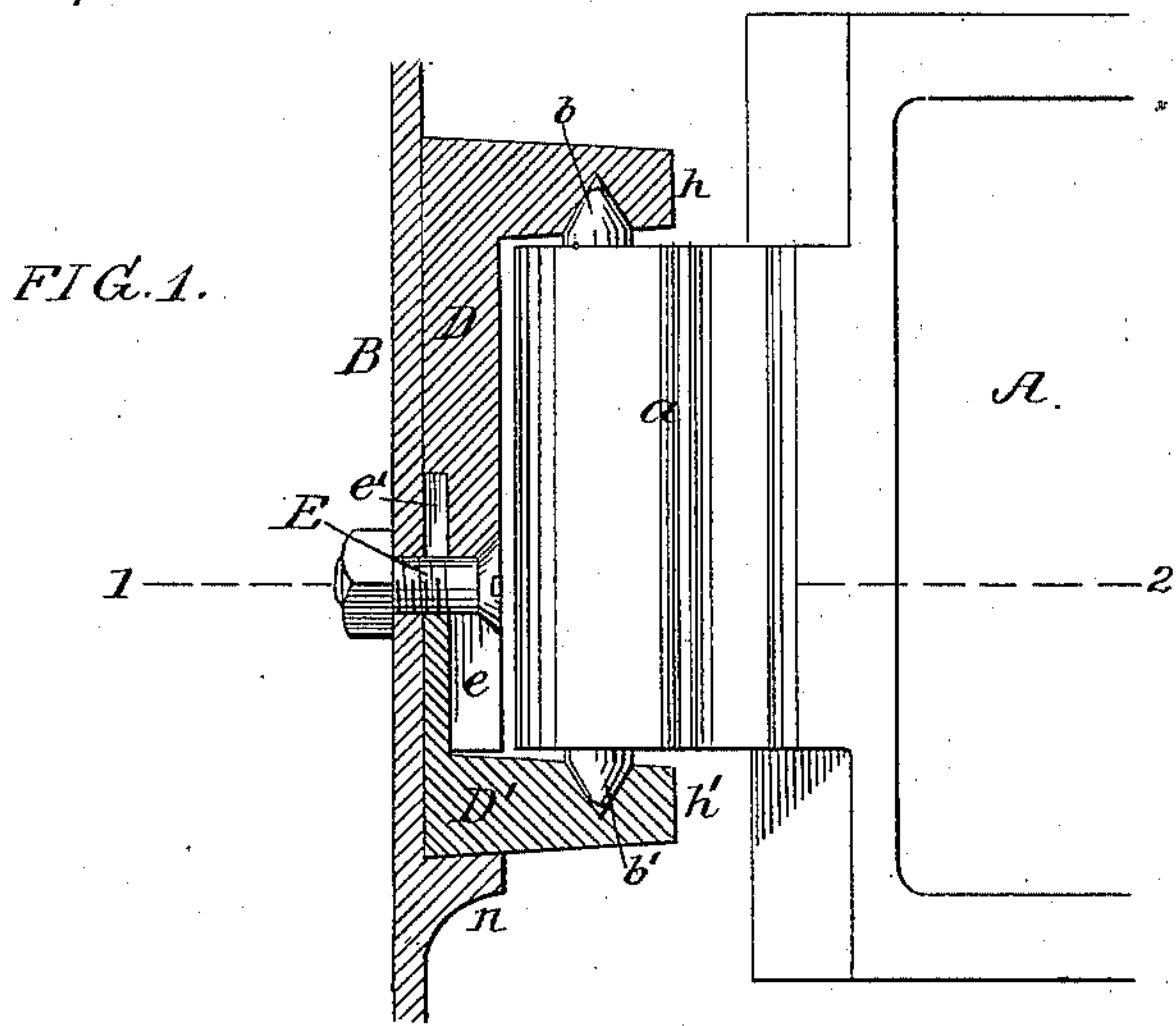


(No Model.)

W. JAQUES.  
STOVE DOOR HANGER.

No. 313,740.

Patented Mar. 10, 1885.



Witnesses:  
John M. Clayton.  
Harry Drury.

Inventor:  
William Jaques,  
by his Attorneys,  
Howson and Co.

# UNITED STATES PATENT OFFICE.

WILLIAM JAQUES, OF ROYER'S FORD, PENNSYLVANIA.

## STOVE-DOOR HANGER.

SPECIFICATION forming part of Letters Patent No. 313,740, dated March 10, 1885.

Application filed June 30, 1884. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM JAQUES, a citizen of the United States, and a resident of Royer's Ford, Montgomery county, Pennsylvania, have invented certain Improvements in Stove-Door Hangers, of which the following is a specification.

My invention consists of a stove-door hanger constructed for the ready hinging of a door to the plate of a stove, substantially in the manner described and claimed hereinafter; also, of the combination described and claimed hereinafter of the said hanger with a door having a projection provided with pivot-pins, the object of my improvements being to dispense with drilling, riveting, or other expensive fitting in hanging the doors to the stove.

In the accompanying drawings, Figure 1 is a vertical section of my improved hanger for stove-doors, part of the door being shown in elevation. Fig. 2 is a sectional plan on the line 1 2, Fig. 1; and Figs. 3 and 4, perspective views illustrating the detailed construction of the hanger.

A represents part of a stove-door, and B part of a stove-plate to which the said door has to be hinged.

The hanger consists of two castings, D D', the vertical portion *d* of the former being fitted snugly and arranged to slide freely between ribs *x x* on the vertical portion *d'* of the casting D'.

In the portion *d* of the casting D is a slot, *e*, terminating at the top in a countersunk opening, *f*, for the head of a bolt, E, and there is a slot, *e'*, in the casting D' corresponding to the said slot *e*.

On the door A is cast a lug or projection, *a*, and on the latter are cast pivot-pins *b b'*, preferably of the conical shape shown in Fig. 1, the upper pin, *b*, being adapted to a recess in a lug, *h*, on the casting D, and the pin *b'* being adapted to a similar recess in a lug, *h'*, on the casting D'.

In applying the door to the hanger, the latter is in the first instance adjusted to the stove-plate B, and the bolt E passed through the slots *e e'* of the two castings, the nut of the bolt, however, being loose, so as to permit the castings to be adjusted far enough from each other to allow the projection *a* of the door and its two pins *b b'* to be introduced between the lugs *h h'* of the two castings, after which the

castings are adjusted so that the pivot-pin *b* will enter the recess in the lug *h* and the pin *b'* the recess in the lug *h'*, the nut of the bolt being then tightened, so as to secure both castings to the stove-plate B.

I prefer to make on the casting D a flange, *m*, and a similar flange, *m'*, on the casting D', the former flange being in contact with the latter when the castings are in the position shown in Fig. 1. These flanges serve the twofold purpose of imparting a neat appearance to the hanger and preventing the door from being opened too far.

The lug *n* (shown in Fig. 1) may be cast on the stove-plate B as a support for the hanger, so as to remove the strain from the bolt E.

When the stove-door and hanger are constructed in accordance with my invention, the operation of applying the doors to the stove is materially facilitated, as the castings can be fitted together without any of the drilling or riveting ordinarily required.

If desired, the lugs *h* may have the pivot-pins *b*, the projection *a* of the door in this case being provided with recesses for the reception of said pins.

I claim as my invention—

1. The within-described stove-door hanger, the same consisting of the casting D, having a lug, *h*, and slotted portion *d*, and the casting D', having a lug, *h'*, and slotted portion *d'*, the two castings being combined with and adapted to each other, and constructed substantially in the manner set forth.

2. The combination of the stove-plate B, having a bolt-hole and a supporting-lug, *n*, the hanger-castings D D', having lugs *h h'* and slotted portions *d d'*, and the securing-bolt E, as set forth.

3. The combination of the portion D of the hanger, having a lug, *h*, and projecting portion *d*, with the portion D', having a lug, *h'*, and a portion, *d'*, with opposite ribs *x x*, as set forth.

4. The combination of the two portions D D' of the hanger, having lugs *h h'*, and side plates, *m m'*, as set forth.

In testimony whereof I have signed my name to this specification in the presence of two subscribing witnesses.

WILLIAM JAQUES.

Witnesses:

JOHN M. CLAYTON,  
HARRY SMITH.