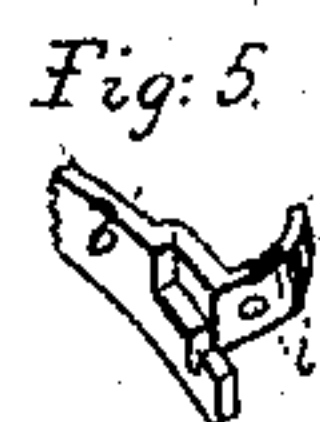
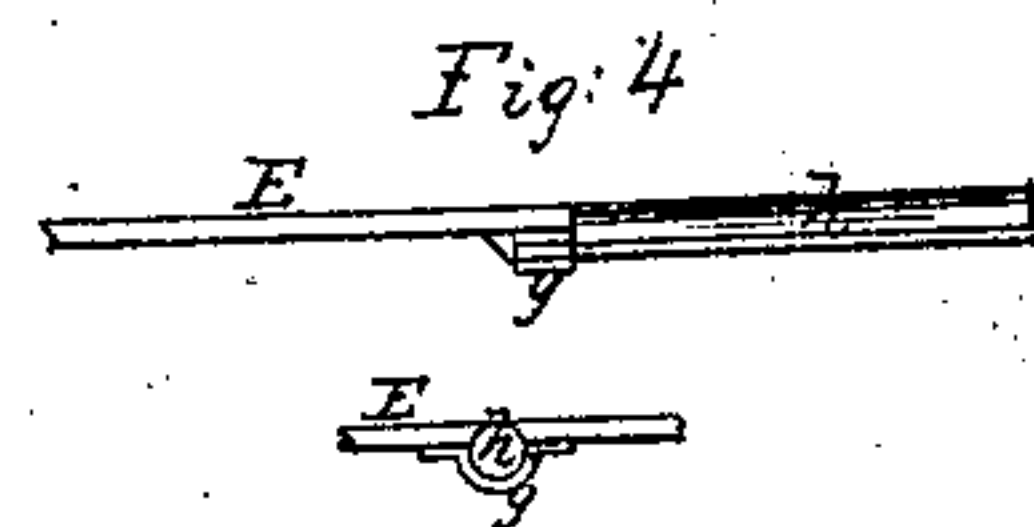
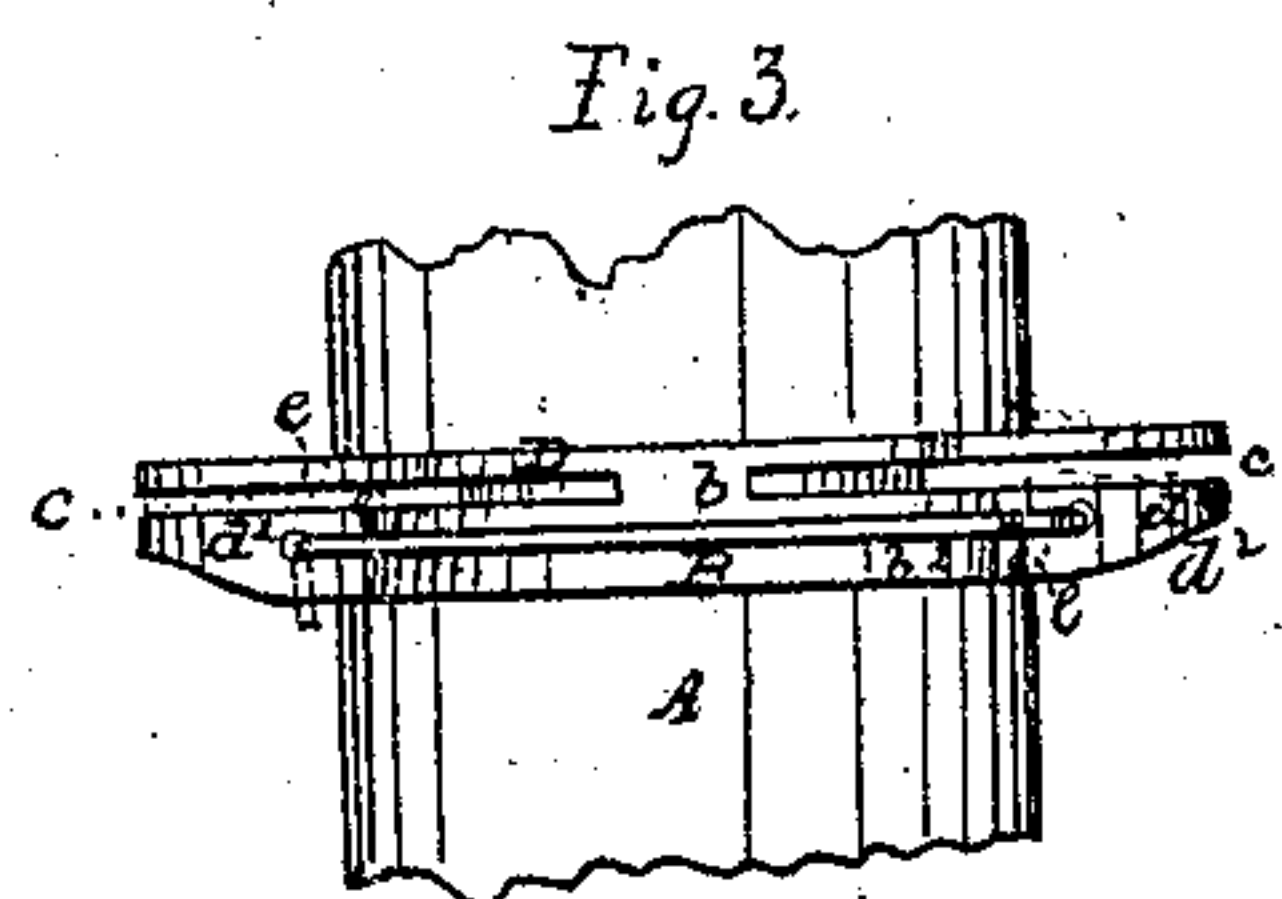
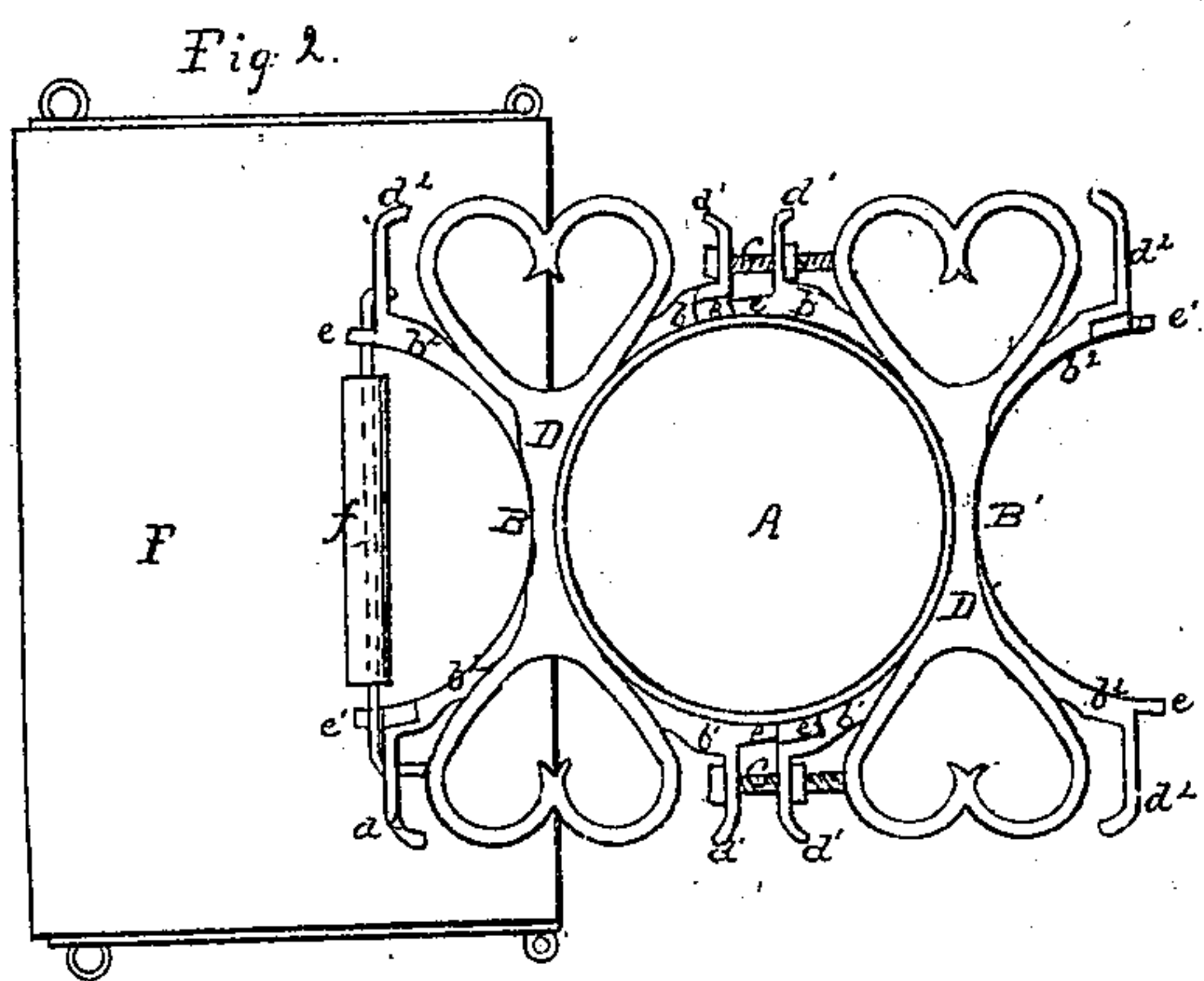
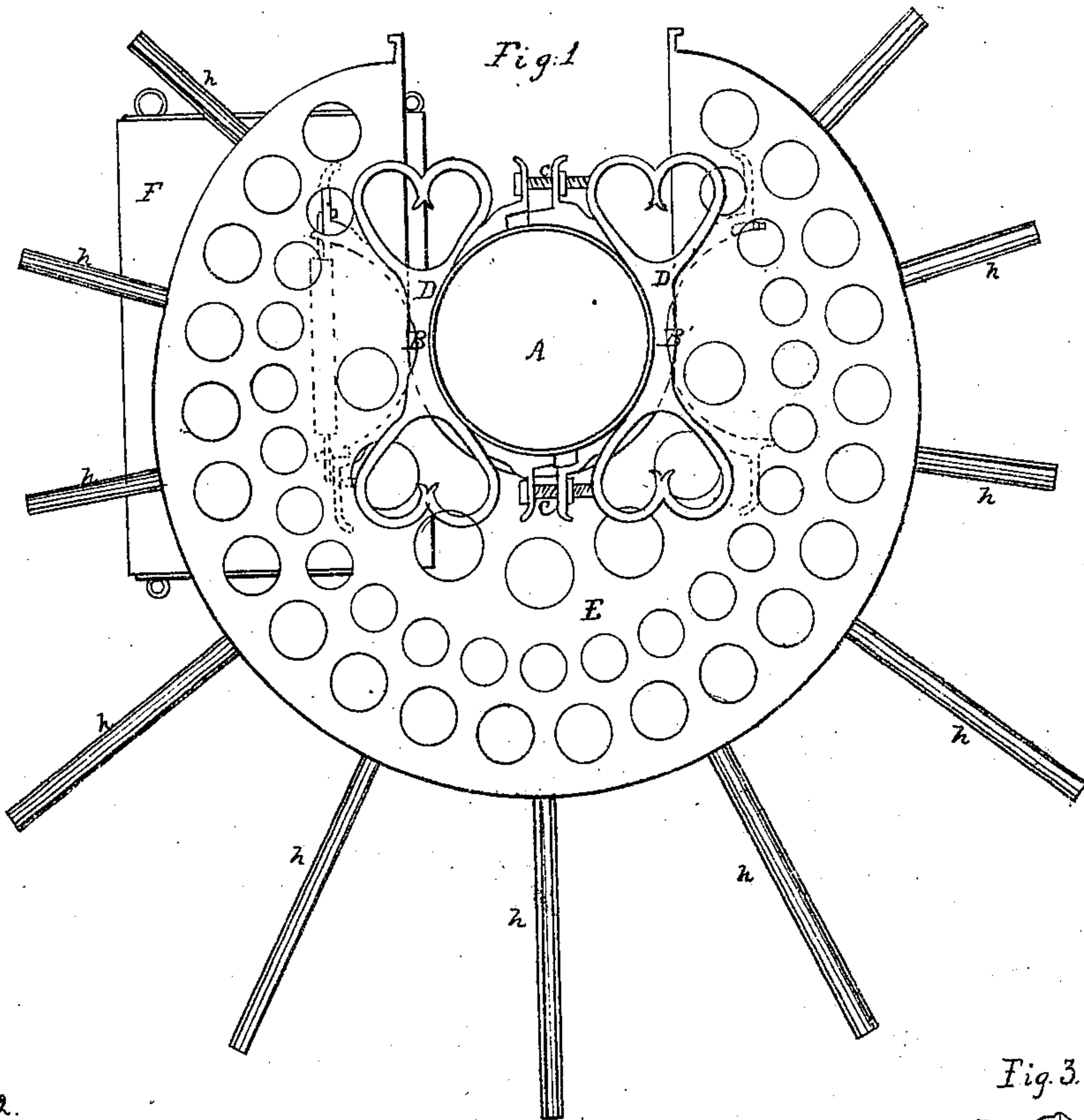


John Perham.
Stove Pipe Shelf.
No 92,352. *Patented July 6. 1869.*



Inventor

Witnesses
Samuel Smith.
Roland S. Frame

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his attorney

UNITED STATES PATENT OFFICE.

JOHN PERHAM, OF BELOIT, WISCONSIN.

IMPROVED REVERSIBLE STOVE-PIPE SHELF.

Specification forming part of Letters Patent No. 92,352, dated July 6, 1869.

To all whom it may concern:

Be it known that I, JOHN PERHAM, of Beloit, in the county of Rock and State of Wisconsin, have invented a new and useful Improvement in Reversible Stove-Pipe Shelves; and I do hereby declare the following to be a full and correct description of the same, sufficient to enable others skilled in the manufacture to which my invention appertains to fully understand and construct the same, reference being had to the accompanying drawings, which make part of this specification, and in which—

Figure 1 is a plan or top view of my invention. Fig. 2 is a similar view with the shelf removed. Fig. 3 is a side view of the stove-pipe with the collar attached to it, the shelf and warming-chamber being removed. Fig. 4 are two edge views of part of the shelf, showing the attachment of the drying-rods; and Fig. 5 is a detached perspective view of one end of the collar, from which the warming-chamber is suspended.

Like letters of reference indicate like parts in the several figures.

The nature of my invention consists in a reversible collar, so constructed as to be adjustable to any size stove-pipe, and that each half of the same can be reversed at pleasure, while it consists of an upper and lower part, between which the shelf slides, and is allowed to be revolved around the stove-pipe at pleasure, being securely held in any position; also, in the extension and revolving shelf, made to extend and revolve by means of sliding between the parts of the collar; also, in providing said shelf with vertical loops or eyes on or under its periphery, to receive rods, or their equivalent, for the purpose of drying clothes, dishes, &c.; also, in a hanging warming closet or chamber suspended from the collar, as hereinafter more fully described.

A in the drawings may represent a stove-pipe, around which two halves, B B', of a collar are secured by means of screws C.

Formed with the pieces B B', and connected to them at *b*, are pieces D D', situated above the pieces B B', and forming with them spaces *c*, in which the shelf E moves, being held between the pieces B B' C C'. The pieces B B' each consist of two semicircular pieces, *b*¹ *b*²,

having projections *d d'*, provided with holes *i*, (see Fig. 5,) through which the screw-bolts C pass, and thus unite the two halves of the collar. The pieces *b*¹ *b*² being formed exactly alike in shape, but the piece *b*² being of a smaller diameter than piece *b*¹, it will be easily understood that, in order to apply the collar to a very small stove-pipe, the halves B B' of the collar may be reversed, the pieces C C' being so formed as to serve equally well with either piece *b*¹ *b*². The semicircular pieces *b*¹ *b*² end in projections *e e'*, the projections *e* being on the upper side and the projections *e'* on the lower side of the rim.

In the drawings the pieces *b*¹ are shown as encircling the stove-pipe, while the pieces *b*² extend outwardly away from it. A wire rod is passed through the holes *i* of projections *d d'* of pieces *b*², over which seizes a projection or loop, *f*, on the top of a warming closet or chamber, F, which is thereby suspended from the collar; and the loop *f* being not in the center, but nearer that side of the closet next to the stove-pipe, the closet by its own weight will be held against the stove-pipe, and will thus be heated. A flange may be made on the top of that side of the closet nearest to the stove-pipe, which flange, seizing under the piece *b*² where it comes in contact with the stove-pipe, serves to hold the closet steady. In the drawings I have shown but one closet; but each piece *b*² may be provided with one.

The shelf E is a circular perforated collar, with one part cut away, the inner flanges being parallel, and sufficiently apart to embrace the largest size collar, the pieces C C' being of such shape as to hold the shelf, whether the collar is on a large or small stove-pipe. Under the rim, and flush with the periphery of the shelf, are formed loops *g*, (see Fig. 4,) into which fit arms *h*, which extend laterally in a line with the surface of the shelf, the loops being formed vertically. These loops may be formed close to each other, so that when arms *h* are put into all of them, they may form an extension of the shelf, being close enough to each other to allow plates, &c., to be placed on the same to drip; or arms may be put into each alternate or third loop, and thus form a clothes-drier.

Having thus described my invention, what

I claim as new, and desire to secure by Letters Patent, is—

1. A reversible collar for stove-pipe shelves, adjustable to different-sized stove-pipes, substantially as and for the purpose herein set forth.

2. A reversible and adjustable collar for stove-pipe shelves, so constructed with sliding ways C C' as to allow the shelf to be moved around and extend in any direction, substantially as described.

3. An extension and revolving shelf, in combination with a reversible and adjustable collar, constructed substantially as and for the purpose described.

4. An extension and revolving shelf, provided with vertical loops *g* at or under its periphery, to receive arms extending radially and in a line even with the surface of the shelf, substantially as and for the purposes set

forth, in combination with the adjustable and reversible collar.

5. The combination, with an adjustable and reversible stove-pipe collar, of a warming closet or chamber, substantially as described.

6. A reversible and adjustable stove-pipe collar so formed that its parts, *b b*¹, not encircling the stove-pipe will form supports for warming closets or chambers, substantially as described.

7. In combination with a revolving stove-pipe shelf and adjustable and reversible stove-pipe collar, the drier-arms *h* and warming closet or chamber F, substantially as and for the purposes set forth.

JOHN PERHAM.

Witnesses:

ROBT. B. LINCOLN,
JOSEPH PERHAM.