

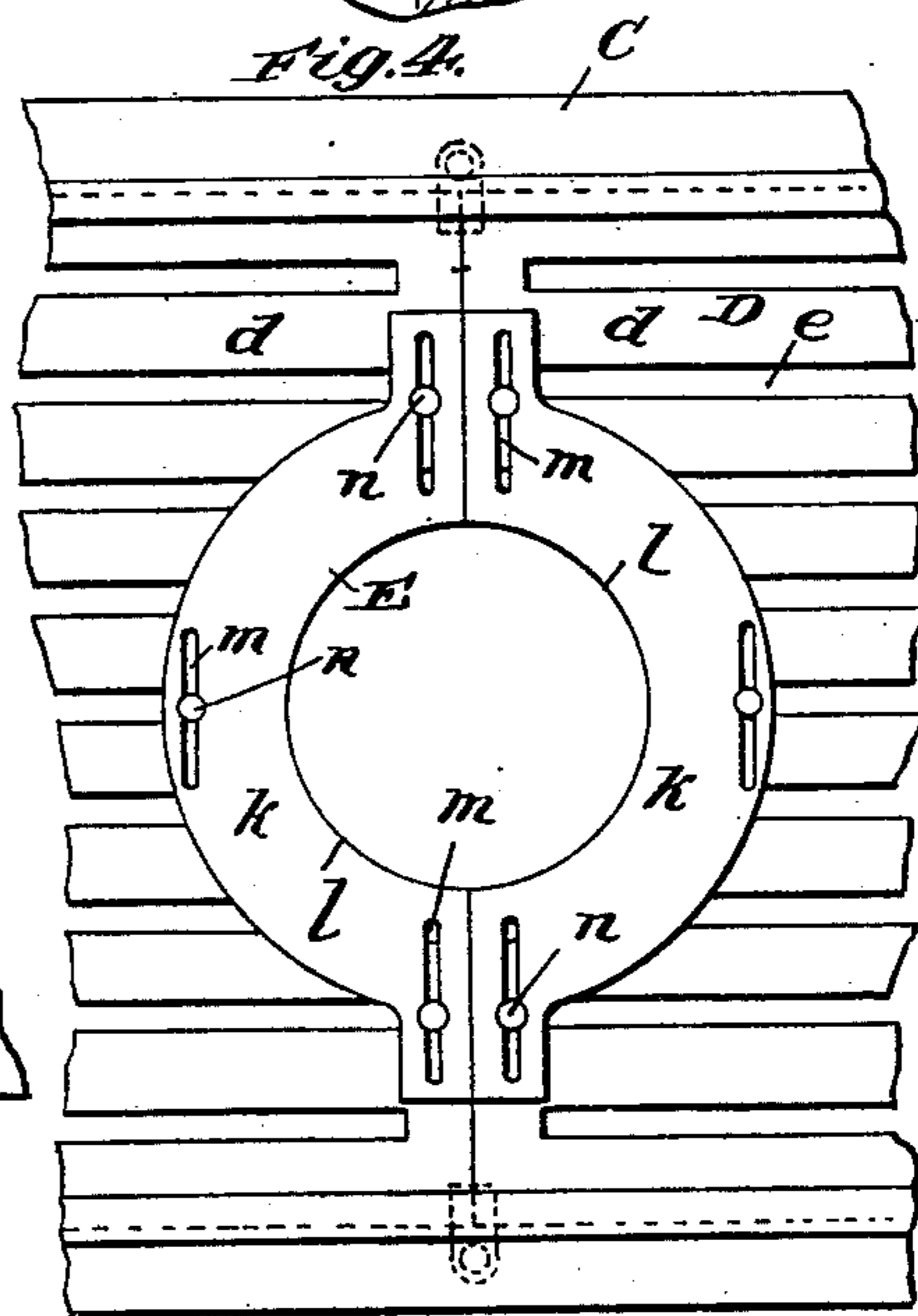
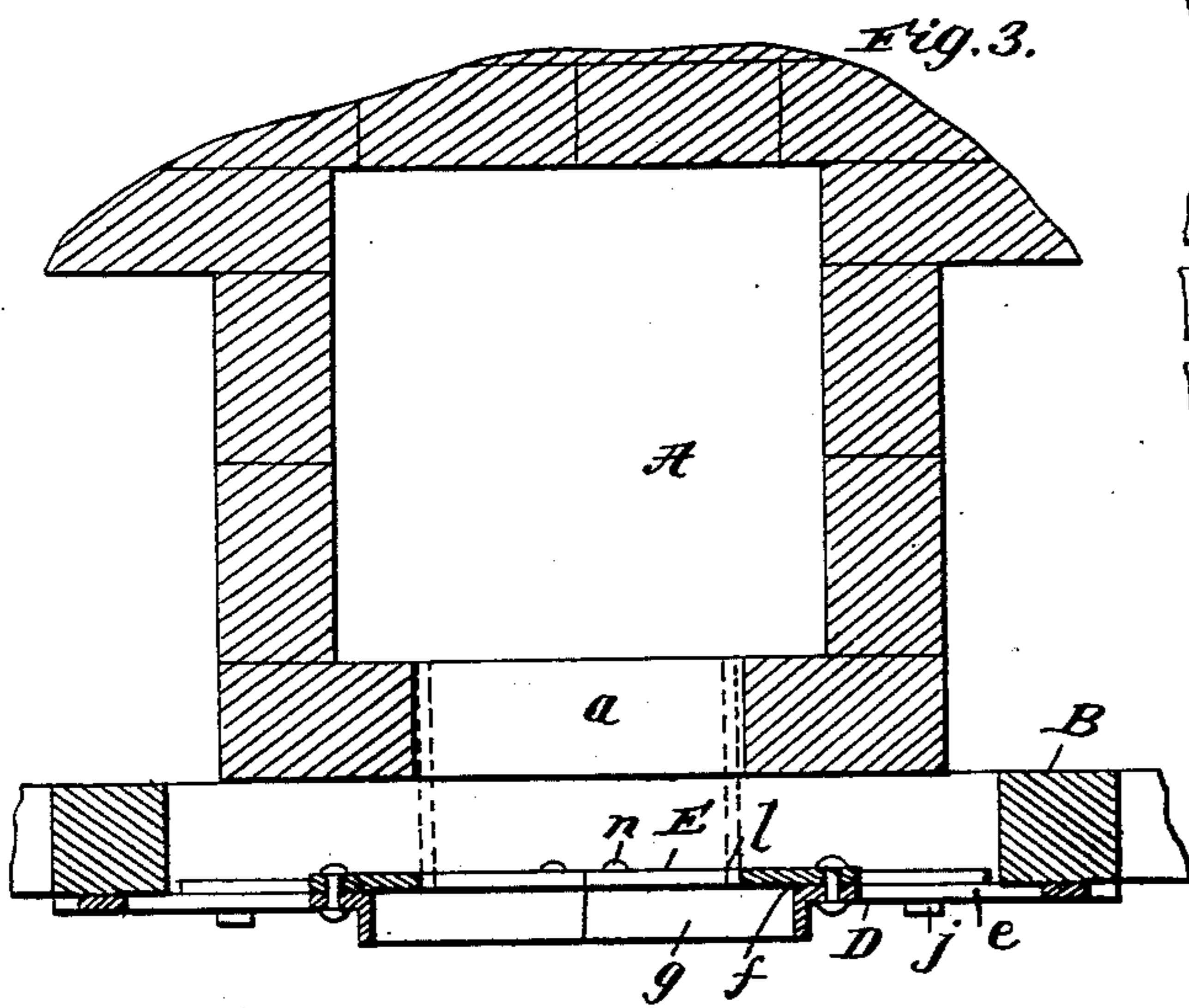
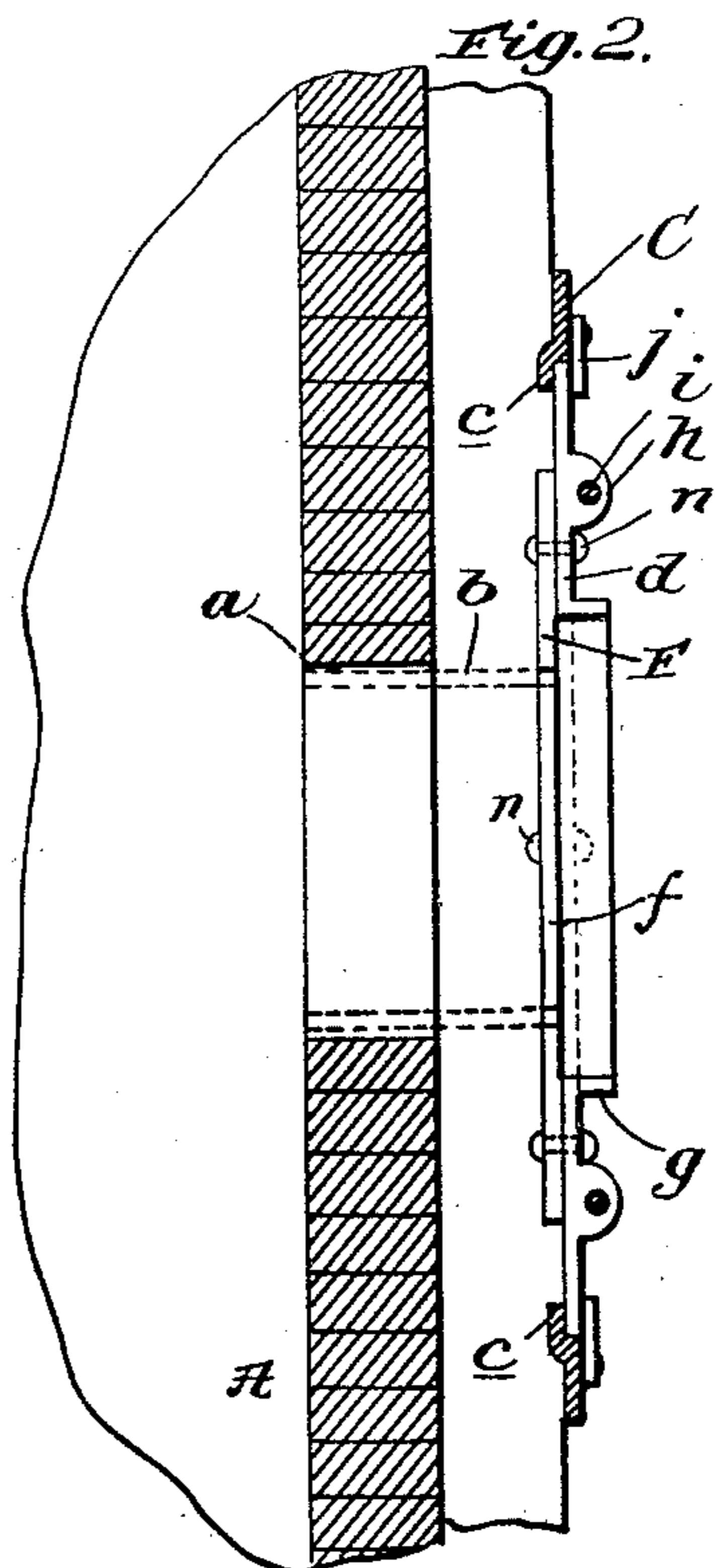
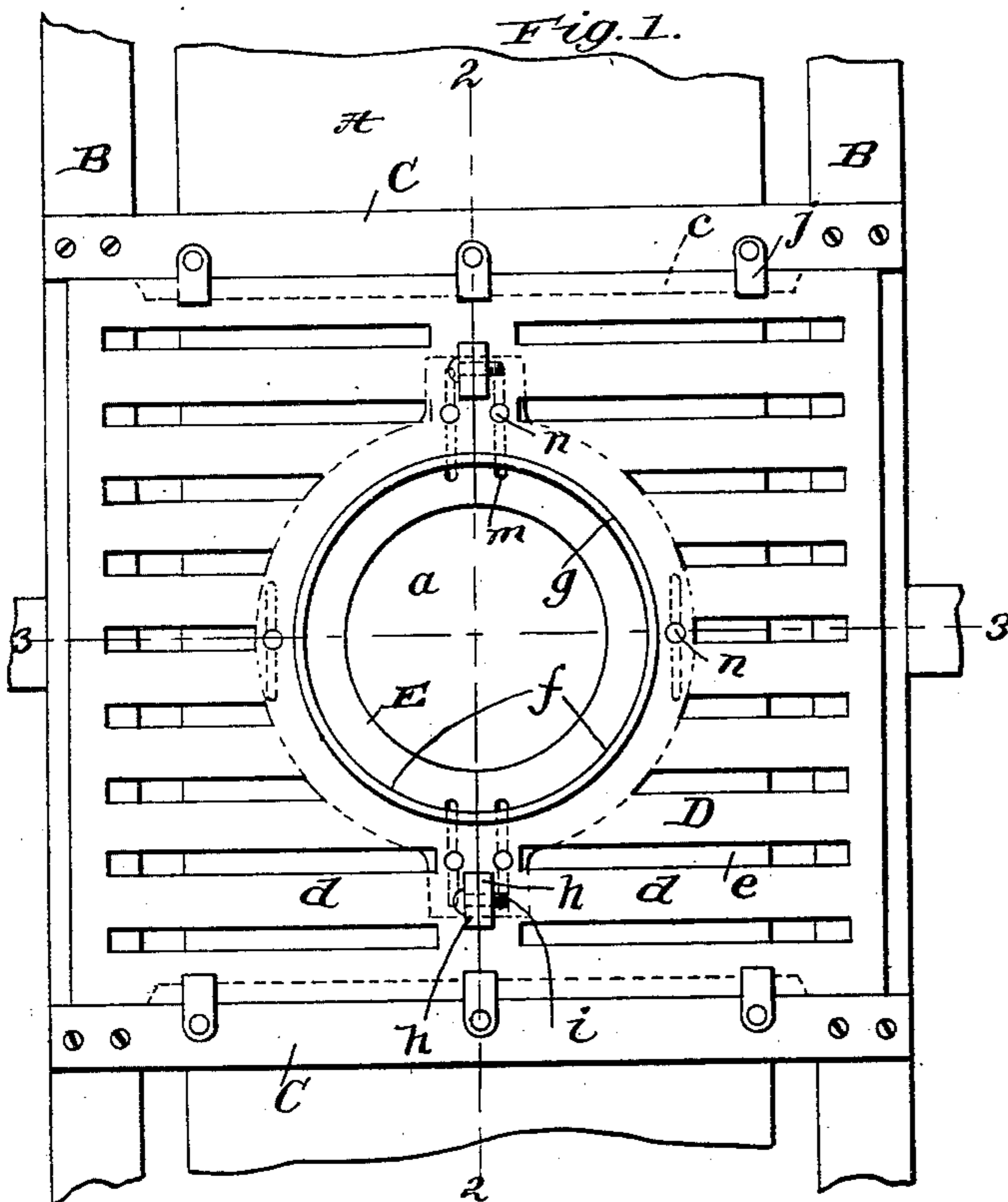
No. 677,447.

Patented July 2, 1901.

V. ETHIER.
STOVEPIPE HOLDER.

(Application filed Feb. 28, 1901.)

(No Model.)



Witnesses
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UNITED STATES PATENT OFFICE.

VICTOR ETHIER, OF WEBSTER, MASSACHUSETTS.

STOVEPIPE-HOLDER.

SPECIFICATION forming part of Letters Patent No. 677,447, dated July 2, 1901.

Application filed February 28, 1901. Serial No. 49,339. (No model.)

To all whom it may concern:

Be it known that I, VICTOR ETHIER, a citizen of the United States, residing at Webster, in the county of Worcester and State of Massachusetts, have invented new and useful Improvements in Stovepipe-Holders, of which the following is a specification.

My invention relates to improvements in means for holding stovepipes where the same pass through apartment-walls and into chimneys; and it has for its object to provide a stovepipe-holder which is calculated to accommodate itself to rising or settling of either a house or chimney, and thereby effectually prevent the objectionable bulging of the brick and mortar around the stovepipe or stovepipe-thimble so often experienced in new houses.

With the foregoing in mind the invention will be fully understood from the following description and claims, when taken in connection with the accompanying drawings, in which—

Figure 1 is an elevation of my improved pipe-holder as the same appears when viewed from the interior of an apartment before the wall of said apartment is plastered. Figs. 2 and 3 are sections taken in the planes indicated by the broken lines 2 2 and 3 3, respectively, of Fig. 1. Fig. 4 is a detail elevation of that side of the holder which is arranged contiguous to the chimney.

In the said drawings similar letters of reference designate corresponding parts in all of the several views, referring to which—

A is a chimney having a hole *a* to receive a stovepipe or a stovepipe-thimble, such as illustrated by broken lines in Fig. 2 and lettered *b*.

B B are studding disposed at opposite sides of the chimney and in front of the same.

C C are cross-bars connected to the studding in planes above and below the hole in the chimney and provided with flanges *c*, and

D is the main frame of my improved holder. The said frame in the preferred embodiment of the invention comprises two flat plates *d*, of cast-iron, which are provided with slots *e*, to enable them to better hold the plastering by which they are covered, as presently described, and are also provided in their inner edges with notches or openings *f* and out-

wardly-extending semicircular flanges *g*, the latter having for their purpose to hold and support the plastering which is placed over the frame, after the manner illustrated by the broken line at the right of Fig. 2. In addition to the slots *e* and the semicircular notches *f* and flanges *g* the sections or plates *d* are provided at their inner edges with outwardly-extending apertured lugs *h*, designed to be connected by bolts *i*, as best shown in Fig. 1.

The frame D, composed of the reversible plates *d*, connected as described, is designed to be arranged between the cross-bars C and against the flanges *c* thereof and secured in such position through the medium of turn-buttons *j*, pivotally connected to said cross-bars, as shown. It follows from this that the main frame D may be readily placed and secured in position and adjusted so as to carry the opening formed by the notches *f* in the inner edges of its sections into alinement with the hole *a* of the chimney; also, that when desired for the sake of convenience the plates or sections *d* may be placed and secured between the cross-bars C precedent to being connected together, and may when necessary be reversed.

E is the pipe-holder proper of my improved construction. This holder proper in the preferred embodiment of the invention comprises two flat plates *k*, which are provided in their inner edges with semicircular notches *l*, and are also provided with a plurality of vertical slots *m*, the latter to receive rivets *n*, which connect the pipe-holder proper and the main frame D and permit of free vertical movement of each with respect to the other.

The opening in the pipe-holder proper is of a size to snugly receive the stovepipe or stovepipe-thimble to be held, while the opening in the main frame through which the stovepipe extends is of a considerably greater diameter than the stovepipe. From this it follows that in the event of any rising or settling of either the house or chimney the pipe-holder proper, E, and the main frame D being free to move with respect to each other will accommodate themselves to such rising or settling of the house or chimney, and thereby preserve the plastering around the flange *g* in its original condition and effectually pre-

vent the objectionable bulging of the loose brick and mortar around the stovepipe-thimble, which is so often experienced in new houses. The movement of the main frame D and holder proper, E, with respect to each other is of course limited by the difference in diameter of their respective circular openings; but inasmuch as the opening in the main frame is considerably larger than that of the holder proper the adjustability of said main frame and holder proper is ample to compensate for any rising or settling of the house or chimney that may occur.

It will be appreciated from the foregoing that my improved pipe-holder is simple and inexpensive in construction, is susceptible of being readily placed and secured in position, and is calculated to properly hold a stovepipe irrespective of any rising or settling of the house or chimney that may occur, and is also adapted to retain the brick and mortar around the stovepipe-thimble and prevent the bulging thereof, which is generally consequent upon rising or settling of the house or chimney.

I have entered into a detail description of the construction and relative arrangement of the parts embraced in the present embodiment of my invention in order to impart a full, clear, and exact understanding of the same. I do not desire, however, to be understood as confining myself to such specific construction and arrangement of parts, as such changes or modifications may be made in practice as fairly fall within the scope of my claims.

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

1. The combination with the wall of an apartment, and a chimney having the hole *a*; of the stovepipe-holder comprising the flat main frame connected to the wall of the apartment and having the opening of larger size than the pipe to be held, the flat pipe-holder proper arranged against the inner side of the flat main frame and having the opening corresponding in size to the hole *a* in the chimney and the pipe to be held, and a loose connection between the main frame and pipe-holder proper whereby they are free to move vertically with respect to each other.

2. A stovepipe-holder comprising cross-bars adapted for connection to the studding

comprised in the wall of an apartment, and having flanges *c*, turn-buttons pivotally connected to said cross-bars, a main frame arranged between the cross-bars and held against the flanges thereof by the turn-buttons, and having an opening larger in diameter than the pipe to be held, a pipe-holder proper arranged at the inner side of the main frame and having an opening of a size corresponding to that of the pipe to be held, and a loose connection between the main frame and pipe-holder proper whereby they are free to move vertically with respect to each other.

3. A stovepipe-holder comprising cross-bars adapted for connection to the studding comprised in the wall of an apartment, and having flanges *c*, turn-buttons pivotally connected to said cross-bars, a main frame comprising plates arranged between the cross-bars and held against the flanges thereof by the turn-buttons; said plates having semicircular notches in their meeting edges of a size to form an opening larger in diameter than the pipe to be held, and a connection between said plates, a pipe-holder proper arranged at the inner side of the main frame, and comprising plates having semicircular notches in their inner edges of a size to form an opening adapted to snugly receive the pipe to be held, and rivets connected to the plates of the main frame and extending through vertical slots in the plates of the pipe-holder proper.

4. In a stovepipe-holder, the combination of the flat main frame comprising plates arranged edge to edge and connected together; said plates having notches in their meeting edges of a size to form an opening larger in size than the pipe to be held, the flat pipe-holder proper arranged at and against the inner side of the flat main frame and comprising plates arranged edge to edge, and having notches in their inner edges of a size to form an opening adapted to snugly receive the pipe to be held, and a loose connection between the main frame and the pipe-holder proper.

In testimony whereof I have hereunto set my hand in presence of two subscribing witnesses.

VICTOR ETHIER.

Witnesses:

H. J. CLARKE,

B. A. WAKEFIELD.