

No. 713,406.

Patented Nov. 11, 1902.

J. H. DANVER.
WASH STAND, BASIN, SINK, &c.

(Application filed Oct. 17, 1901.)

(No Model.)

Fig. 1

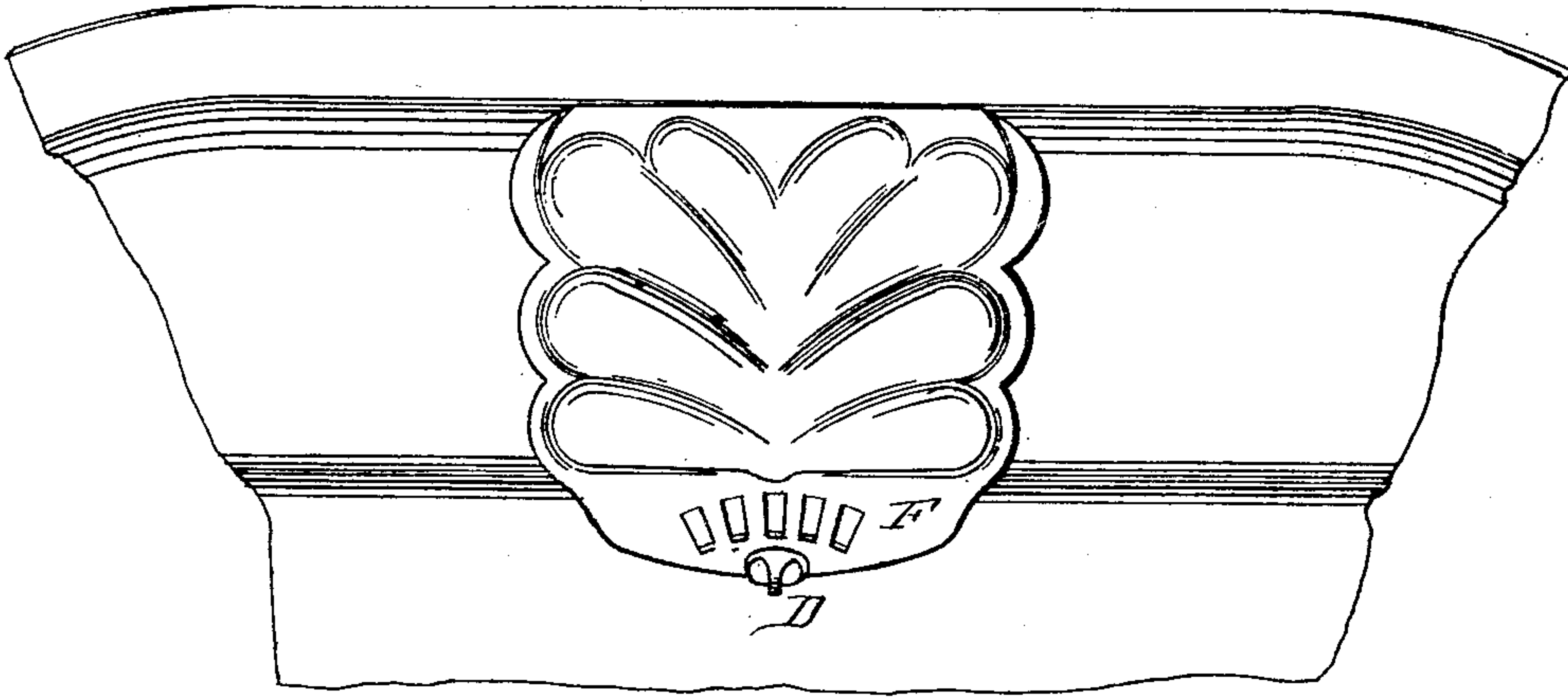


Fig. 2

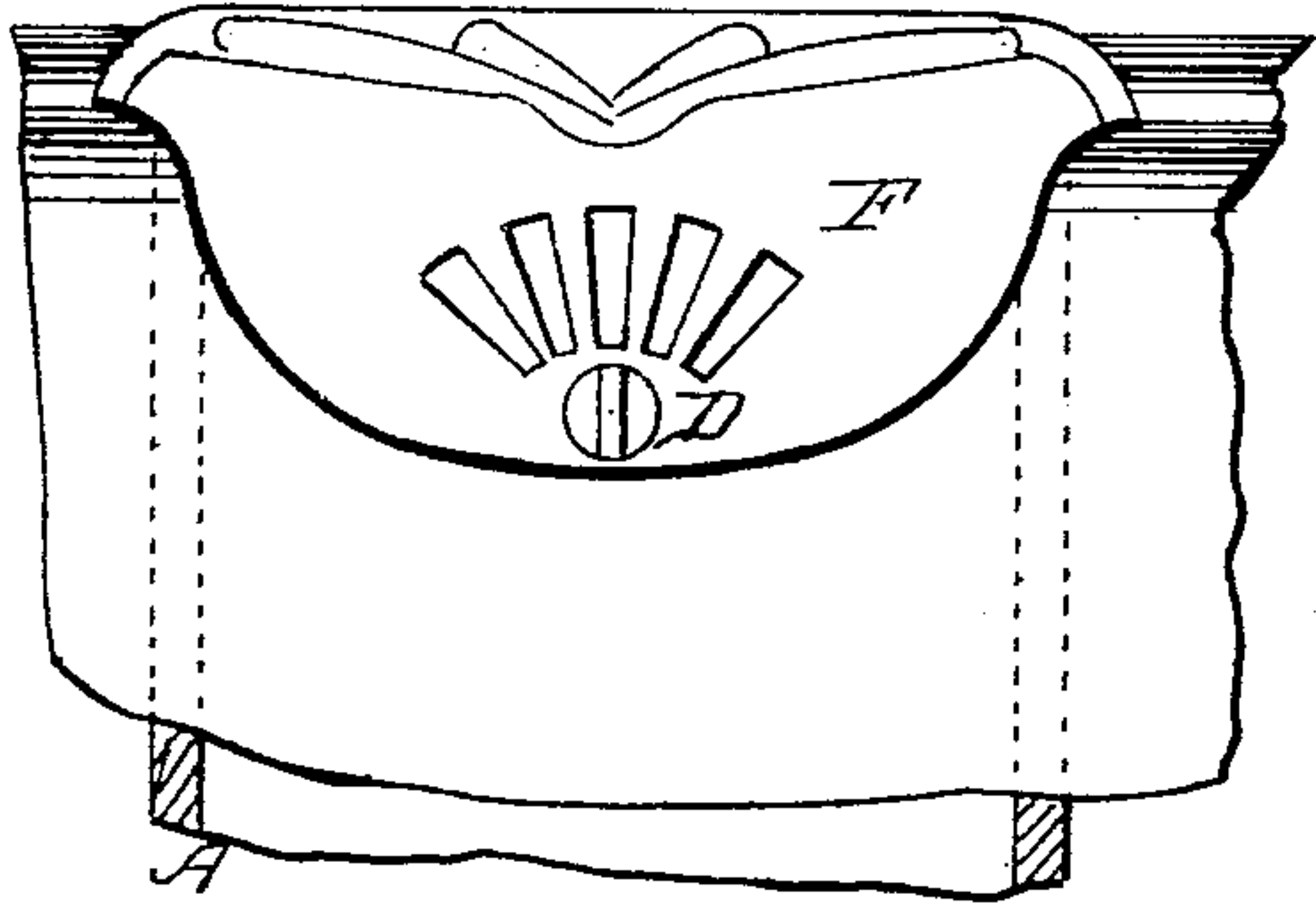


Fig. 3

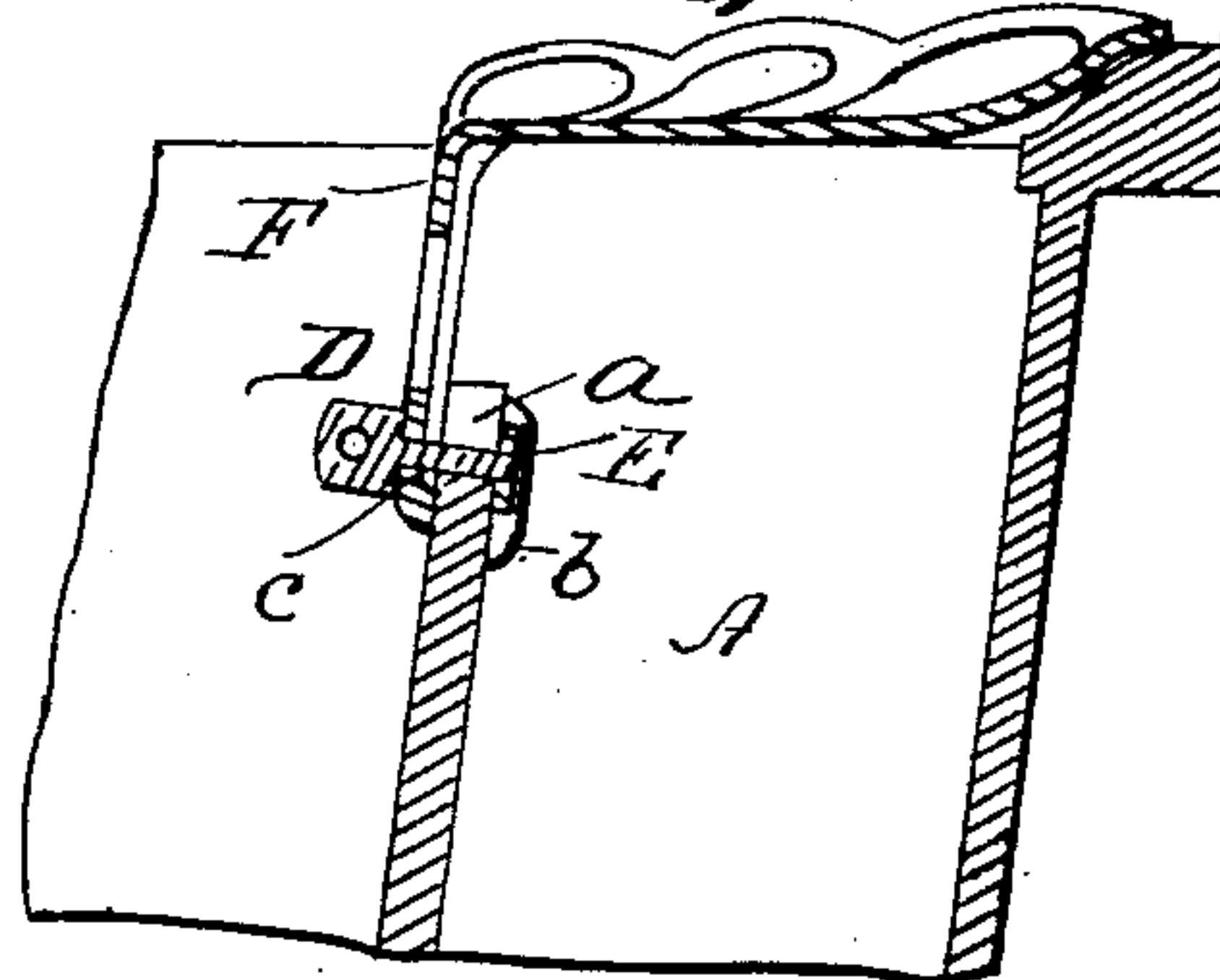
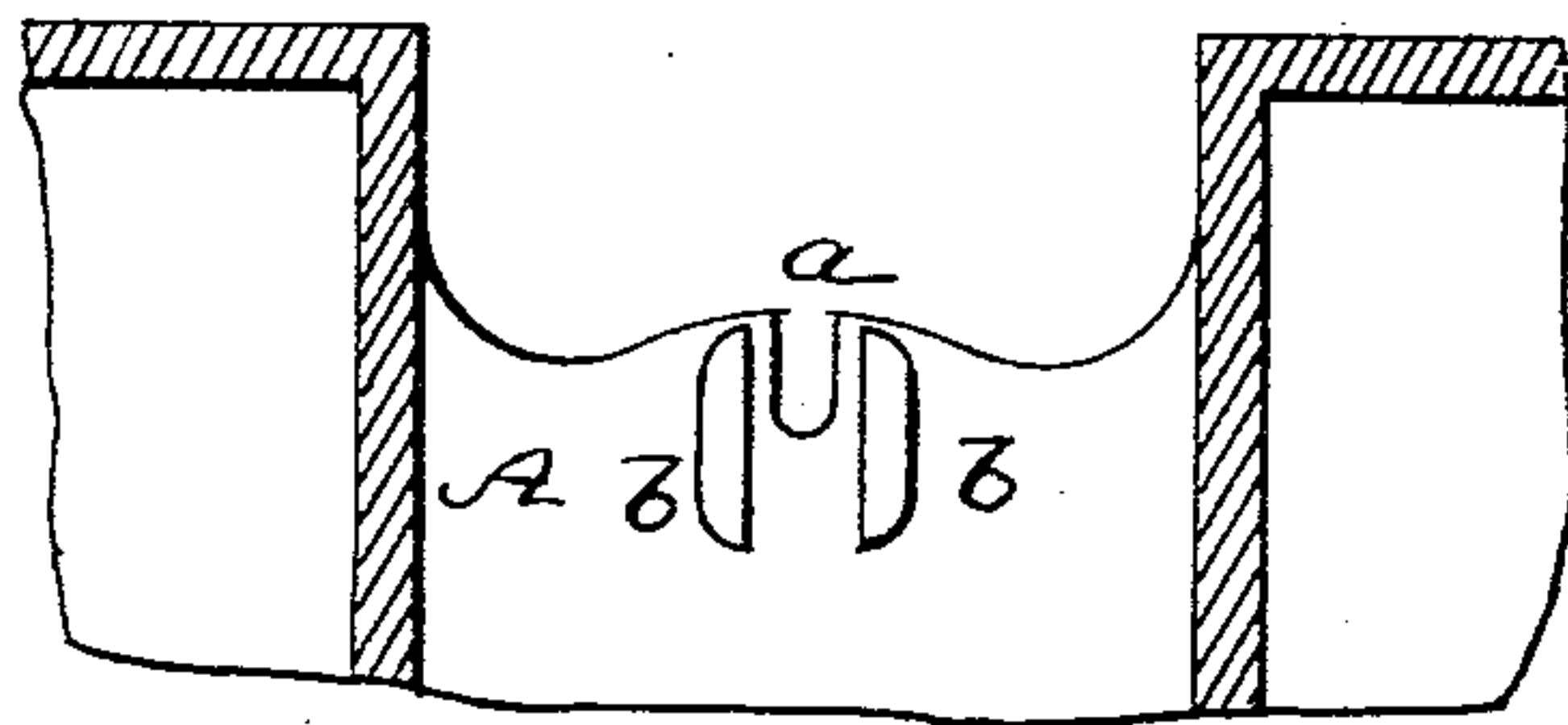


Fig. 4



WITNESSES

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JAMES H. DANVER, OF PITTSBURG, PENNSYLVANIA, ASSIGNOR TO CHARLES F. ARROTT, OF PITTSBURG, PENNSYLVANIA.

WASHSTAND, BASIN, SINK, &c.

SPECIFICATION forming part of Letters Patent No. 713,406, dated November 11, 1902.

Application filed October 17, 1901. Serial No. 78,992. (No model.)

To all whom it may concern:

Be it known that I, JAMES H. DANVER, a citizen of the United States, residing at Pittsburg, in the county of Allegheny and State of Pennsylvania, have invented certain new and useful Improvements in Washstands, Basins, Sinks, &c.; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same.

This invention has relation to washstands, lavatories, &c., and has for its object the provision of a removable strainer for the overflow, so as to permit access thereto and allow both the strainer and overflow to be readily cleansed.

This invention consists in the construction of a lavatory provided with means for attaching to the opening of the overflow a removable strainer.

This invention still further consists in the combination, with a removable overflow-strainer, of a soap-dish attached thereto or made integral therewith.

This invention still further consists in the construction, combination, and arrangement of parts more fully described hereinafter and specifically pointed out in the claims.

It is well known that after use the overflows of washstands, sinks, &c., become clogged with grease, threads, &c., and are partially, if not entirely, useless for their intended purpose, and as it is almost impossible to clean them with the strainer in position they are a source of constant annoyance. In order to obviate this imperfection, I have invented a strainer for overflows which can be readily and securely placed and held in position over the opening to the overflow and can be quickly removed without the use of tools and with no danger of marring or breaking either the strainer or the article to which it is attached.

Referring to the accompanying drawings, Figure 1 is a perspective view of a basin having my improvement in position thereon; Fig. 2, a front view of the upper end of the over-

flow-pipe; Fig. 3, a side view in section, and Fig. 4 a detail view.

In constructing the articles to which my strainers are to be applied I cut away the upper inner side of the overflow A and form a slot *a* at the center of its lower edge. On the inside of the overflow, at the sides of the slot *a*, are placed lugs *b b*, extending from the top of the slot a short distance below its bottom. The strainer F is of such a size and shape as to completely cover the opening in the overflow, its lower edge coming below the bottom of the slot *a* and its upper edge either resting on the edge of the bowl or in the preferred form shown in the drawings extending sufficiently over the rim or slab as to form a convenient soap-dish.

Below the openings in the strainer and near the lower edge is a circular opening *c*, through which passes the shank of the chain-hook. This shank is screw-threaded and provided with a square nut E of a size to fit snugly between the lugs *b b*.

In attaching the strainer in position the screw D is passed through the hole *c* and the nut E placed on the screw. The strainer is then placed in position, the screw passing through the slot *a* and the nut dropping into position between the lugs *b b*. A few turns of the screw by means of the chain-hook grasped in the fingers, or, if necessary, by a pair of pincers, will draw the parts together and securely hold them in position, a reversal of these movements releasing and permitting the removal of the attachment.

As shown in the drawings, the strainer can either be a portion of a soap-dish or can be used alone, and the additional cost over the ordinary non-removable strainer is so small as to add nothing to its price to the user, while its advantages are many.

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

1. A combined soap-dish and strainer consisting of a soap-dish and a perforated lip depending from its front edge and constituting a strainer, substantially as described.

2. A combined soap-dish and strainer consisting of a soap-dish having a perforated lip depending from its outer edge and constituting a strainer adapted to cover an opening
5 on the side of an overflow and means for attaching the same to a basin, substantially as described.

3. The combination with a sink or basin having a vertical overflow with an opening at
10 one side, of a soap-dish arranged over said

overflow and provided with a depending strainer covering the opening on the side of the overflow substantially as described.

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

JAMES H. DANVER.

Witnesses:

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WM. C. CHARLTON.