

(No Model.)

G. CONOVER.

CLOTHES DRIER.

No. 387,340.

Patented Aug. 7, 1888.

Fig. 1.

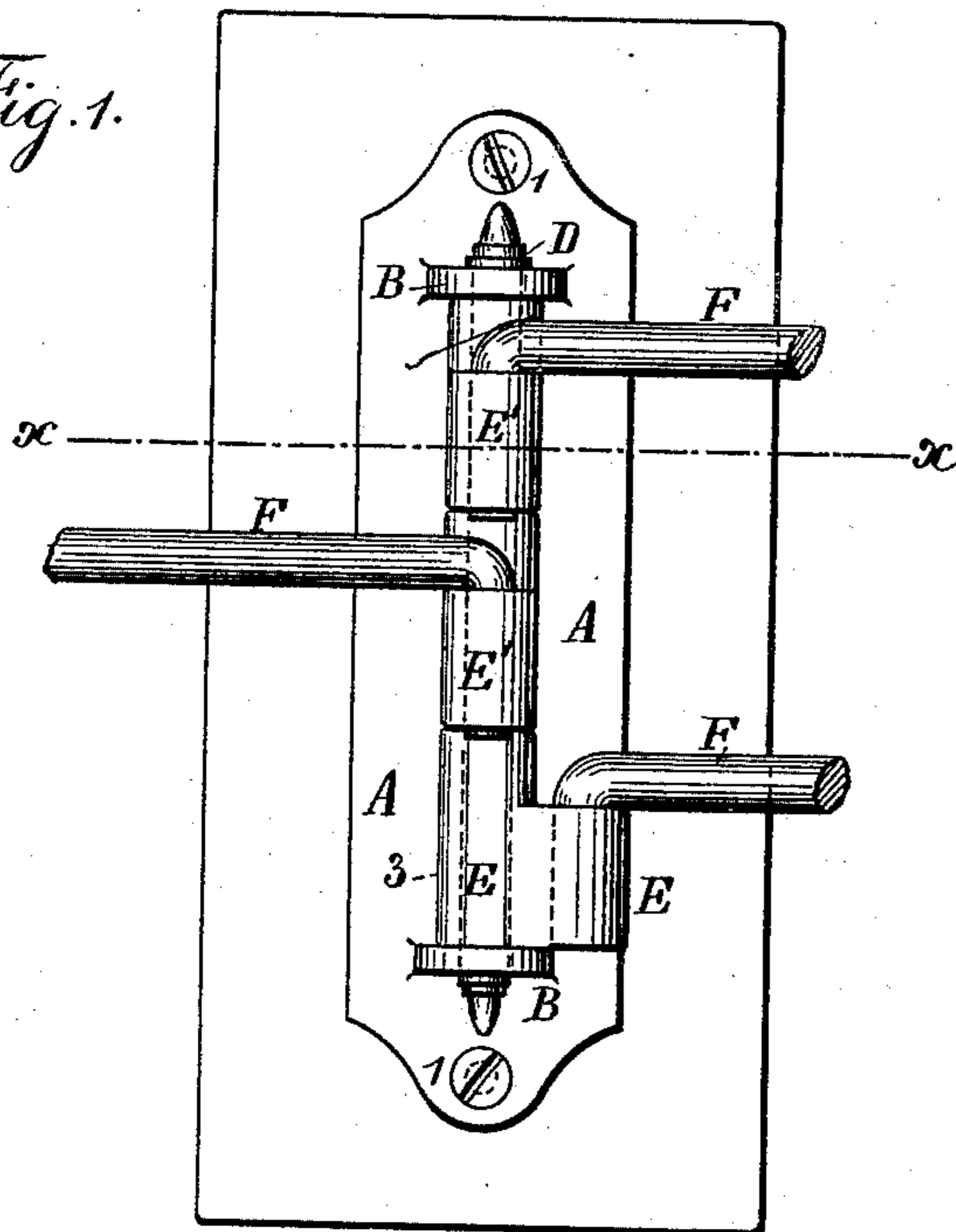


Fig. 2.

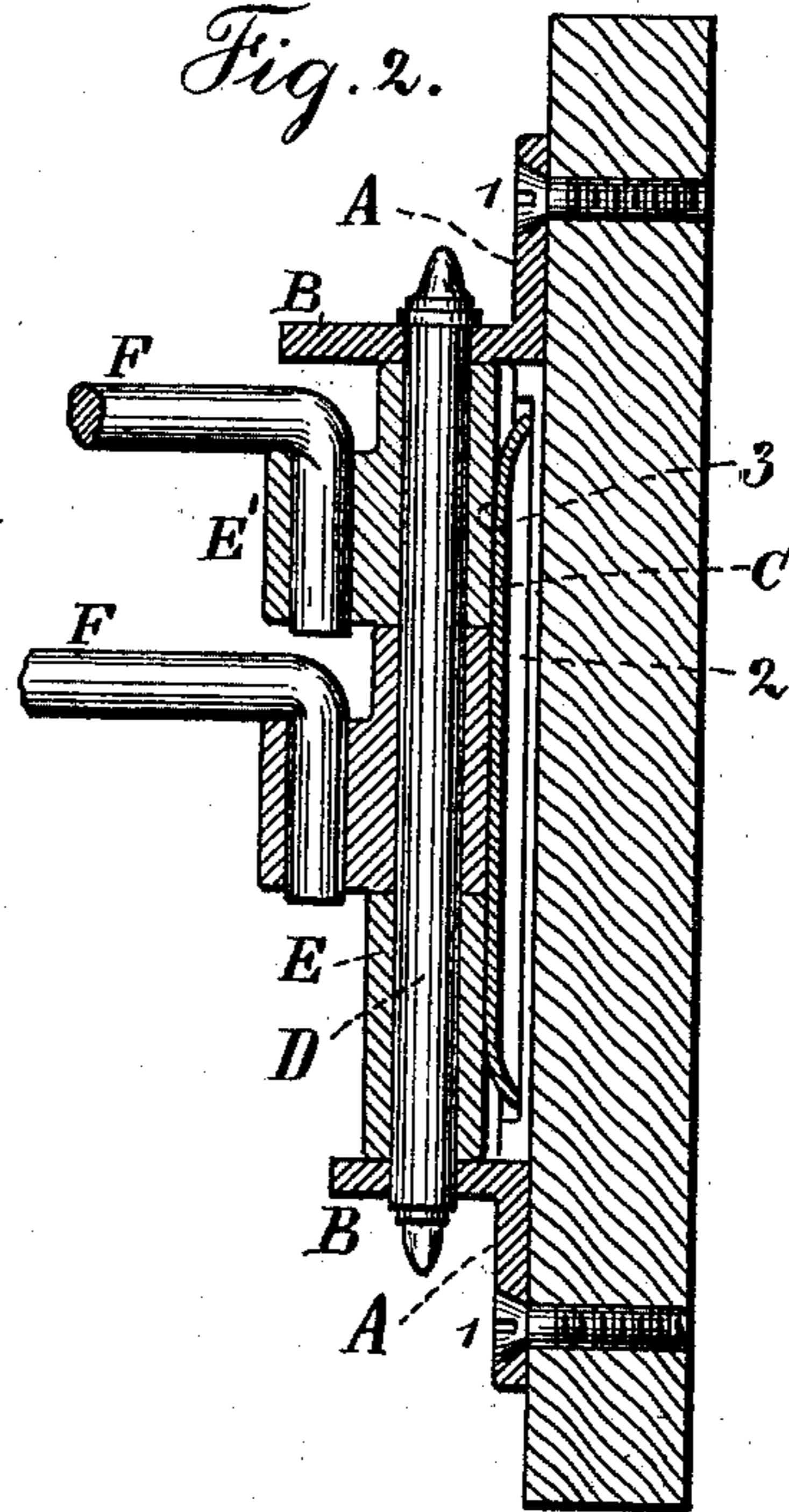
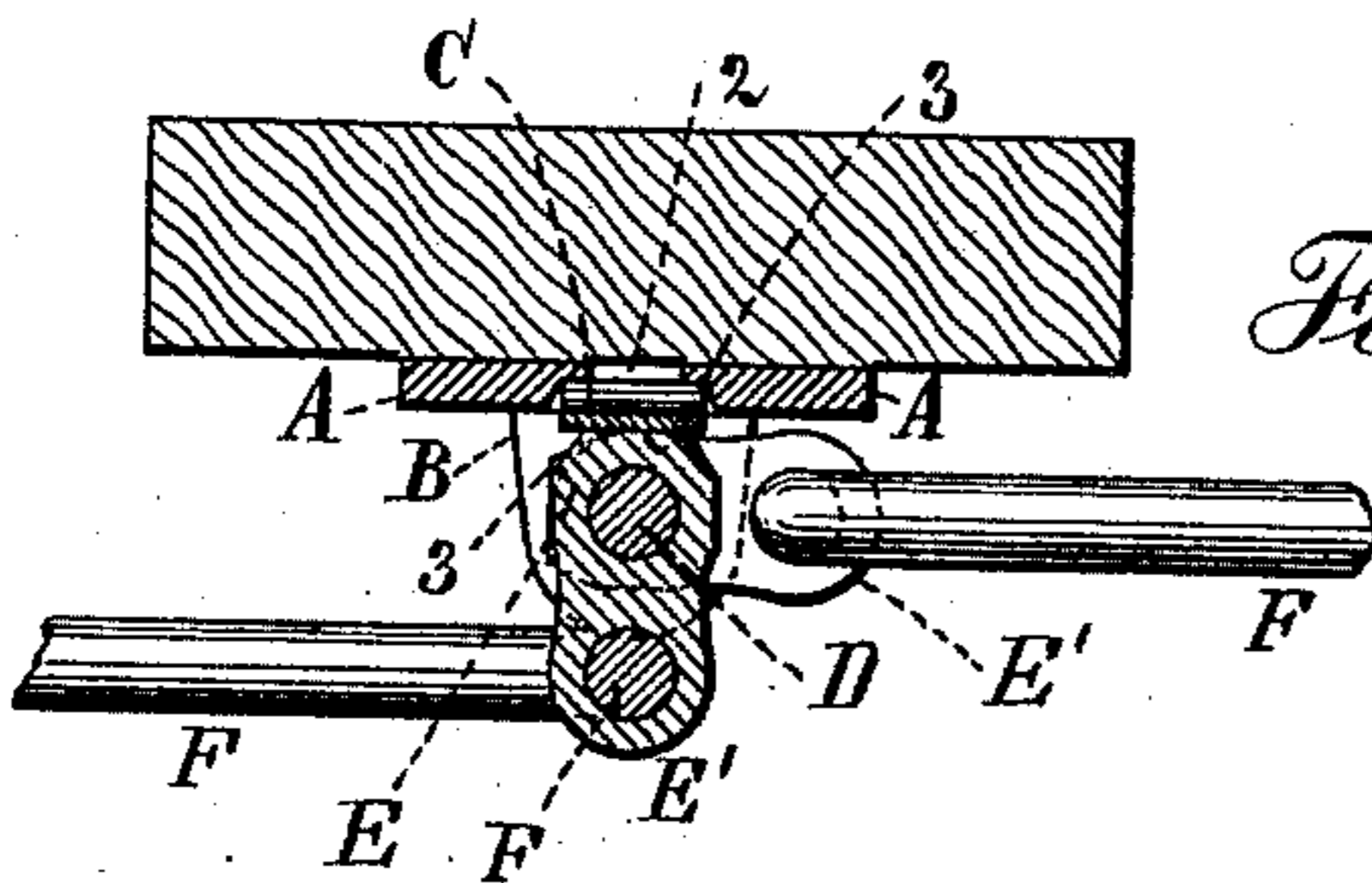


Fig. 3.



Witnesses:
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Inventor:
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per Lemuel W. Perrell atty.

UNITED STATES PATENT OFFICE.

GEORGE CONOVER, OF WATERBURY, CONNECTICUT, ASSIGNOR TO THE
AMERICAN RING COMPANY, OF SAME PLACE.

CLOTHES-DRIER.

SPECIFICATION forming part of Letters Patent No. 387,340, dated August 7, 1888.

Application filed April 9, 1888. Serial No. 270,086. (No model.)

To all whom it may concern:

Be it known that I, GEORGE CONOVER, of Waterbury, in the county of New Haven and State of Connecticut, have invented a new and
5 useful Improvement in Brackets, of which the following is a specification.

My invention relates to that class of brackets which are suitable for hanging up towels or articles of clothing. Such brackets are
10 often known under the designation of "towel-racks."

My improved bracket consists of a back plate with screw-holes for attachment to the wall, and with projecting lugs and a rod passing through the same and through hubs which
15 are threaded on said rod and located between said lugs, which hubs have sockets upon one side adapted to receive the end of the movable rod-arms, and said hubs are made with flat
20 faces upon one or more of their sides, which take a bearing against the flat spring held in the back plate, and which spring acts frictionally to hold the hubs in place in several positions.

25 In the drawings, Figure 1 is a front elevation of my improved bracket. Fig. 2 is a vertical section of the same, and Fig. 3 is a cross-section at the line *x x* of Fig. 1.

The back plate, A, and the lugs B are preferably made together, and said plate, which is preferably of brass, may be ornamented in any desired manner, there being screw-holes at 1 for the screws employed in attaching the same to the wall or wood-work wherever desired. Said back plate is slotted vertically at 2, and the side edges of said slot are rabbeted, and there is a spring-plate, C, of a length vertically corresponding to the slot at 2, and of a width fitting the rabbeted sides,
35 and said spring takes a bearing at its opposite ends. The rod D passes vertically through the lugs B, and also through the hubs E, which are threaded upon said rod and occupy the space between the lugs B. These hubs E have
40 flat faces 3 formed upon one or more of their sides, which flat faces coincide with the flat surface of the spring-plate C, and upon one side of said hubs there are sockets E', which are shorter in length vertically than the length

of the hubs, and each one of the hubs or sockets E E' corresponds in shape. There are movable rod-arms F, the ends of which are bent at right angles, and are adapted to pass into the socket E', in which position they are free to turn.

The hubs E, sockets E', and arms F, as shown in the drawings, are, in their normal position, connected together for use, the hubs or sockets standing at right angles to the back plate, A, in which position it will be seen
50 from Fig. 2 that the upper lug, B, prevents the arm F being lifted out of its socket, and that the base of each socket forms a similar stop for the arm below to prevent its being lifted out of its socket. To place the movable
55 rod-arms F in their sockets, or to remove them therefrom, it is only necessary to swing one or more of the hubs into the position of the lowest socket, as shown in Figs. 1 and 3, and to raise the arm from its socket or to replace
60 it therein.

It is obvious that any number of hubs E and sockets E' may be employed to hold any number of arms F, the length of the back plate, A, being made to correspond. The construction of this bracket permits of shipping the parts in a compact shape from the factory where made, because all of the arms can be separated from their sockets and held together in a small compass with the other parts.

I claim as my invention—

1. The combination, with the back plate, A, and its lugs B, of a rod, D, the hubs E, and their sockets E', the movable rod-arms F, pivoted in the sockets E', and a spring adapted
85 to bear frictionally against the hubs, as and for the purposes set forth.

2. The back plate, A, having lugs B, and slotted at 2, in combination with the rod D, the hubs E, and their sockets E', and the movable rod-arms F, pivoted in the sockets E', said hubs having three sides flattened, and a spring adapted to bear against the flattened sides to hold the hubs in place, substantially as specified.

3. The combination, with the slotted back plate, A, having lugs B at right angles thereto, of the rod D, the hubs E upon said rod,

the spring-plate C, adapted to bear friction-
ally against the hubs, the sockets E' upon one
side of the hubs, which are shorter in length
than the hubs E, and the movable rod-arms F,
5 pivoted in the sockets E', and adapted to be
held in place beneath the upper lug and the
base of each socket, substantially as set forth.

Signed by me this 4th day of April, A. D.
1888.

GEORGE CONOVER.

Witnesses:

D. N. PLUME,
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