

No. 710,034.

Patented Sept. 30, 1902.

W. H. BELKNAP.  
PAPER ROLL HOLDER.

(Application filed Oct. 11, 1901.)

(No Model.)

Fig. 1.

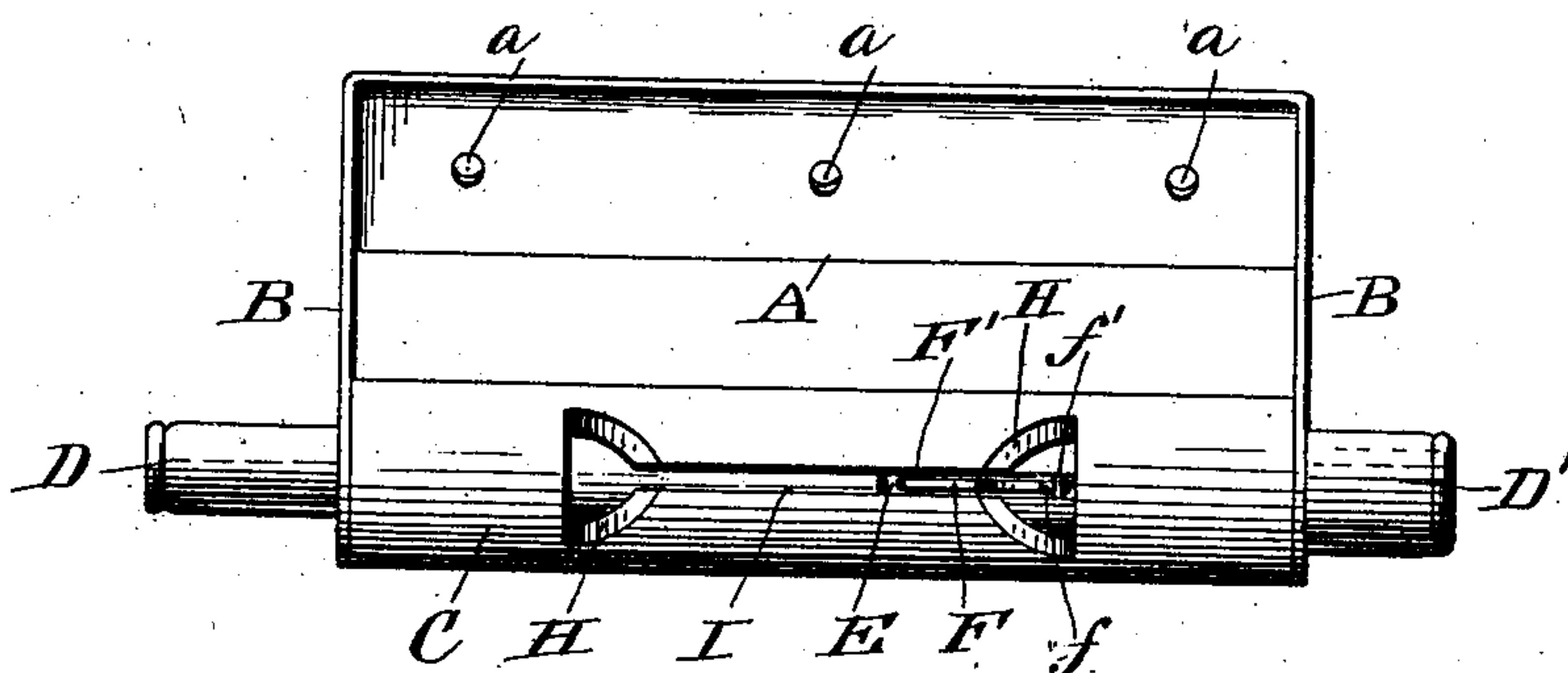


Fig. 2.

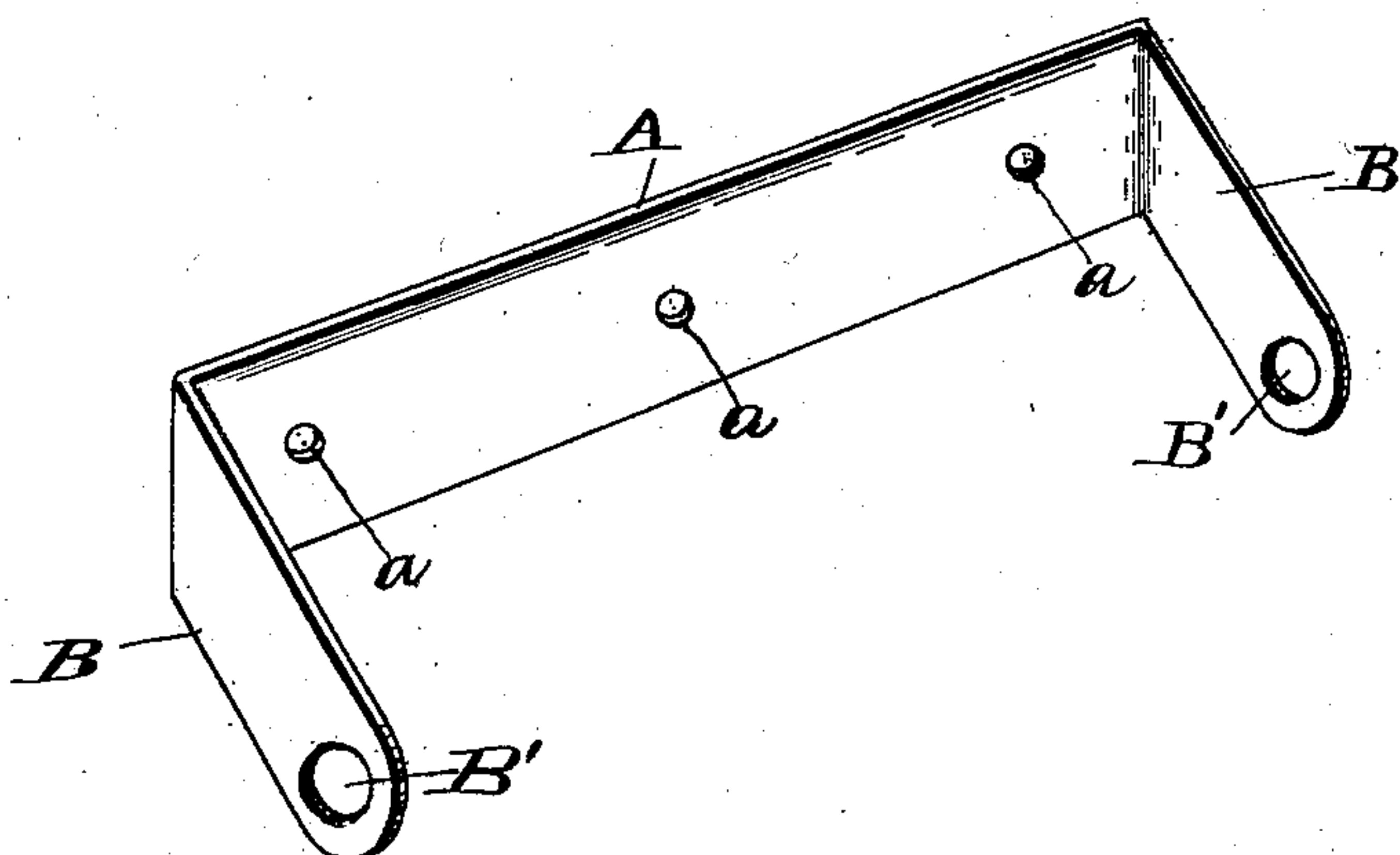


Fig. 3.

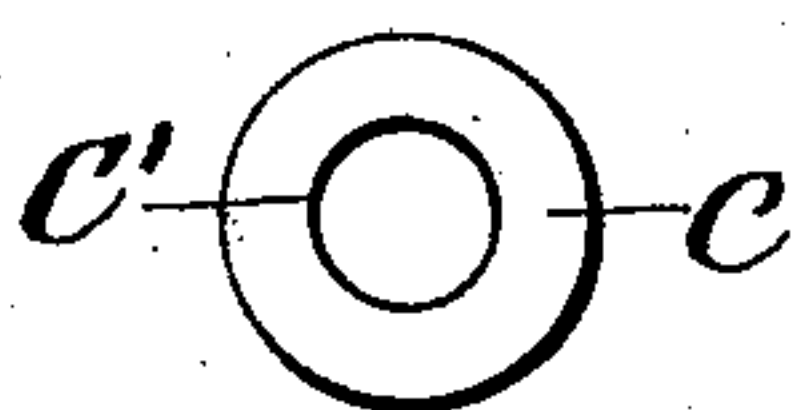


Fig. 4.

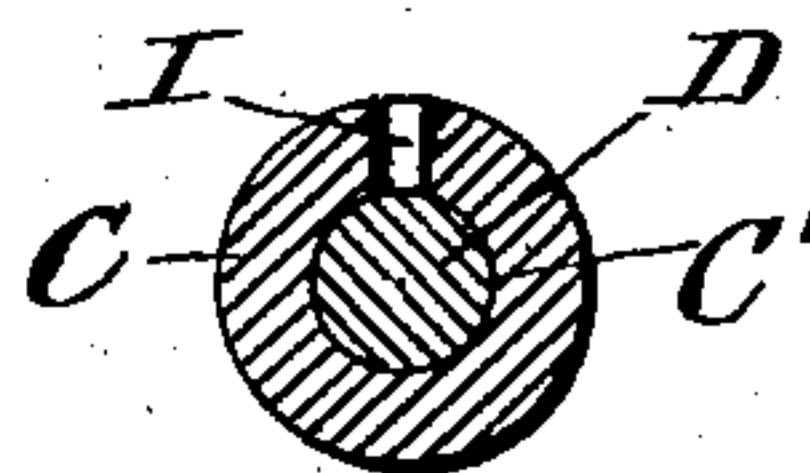
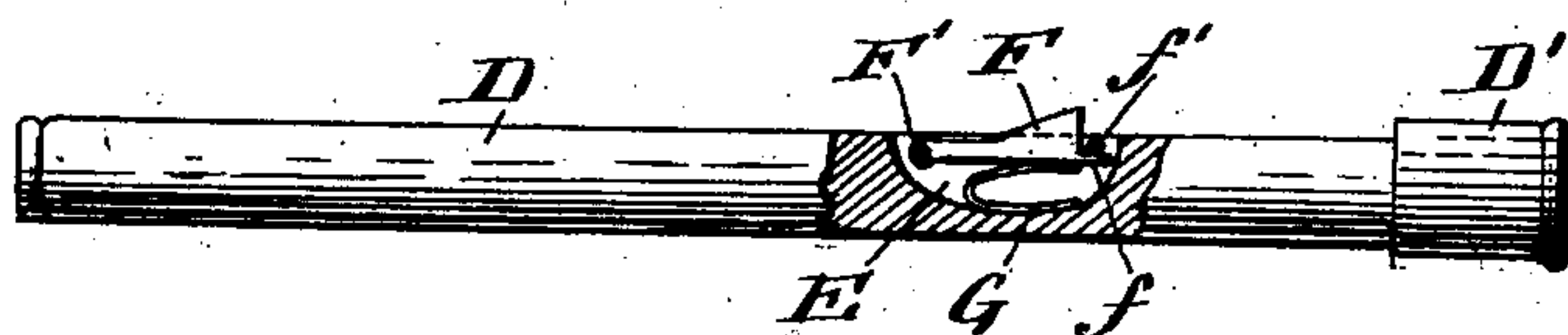


Fig. 5.



Witnesses

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# UNITED STATES PATENT OFFICE.

WILLIS HOWARD BELKNAP, OF SUMMIT, NEW JERSEY.

## PAPER-ROLL HOLDER.

SPECIFICATION forming part of Letters Patent No. 710,034, dated September 30, 1902

Application filed October 11, 1901. Serial No. 78,361. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIS HOWARD BELKNAP, a citizen of the United States, residing at Summit, in the county of Union and State of New Jersey, have invented certain new and useful Improvements in Paper-Roll Holders, of which the following is a specification.

My invention relates to devices for holding paper-rolls, and has for its object to provide a holder particularly adapted to holding a roll of toilet-paper and to prevent the removal of the paper while on the roller except by unrolling the paper.

The advantages of my invention will more fully appear in the subjoined specification and by reference to the accompanying drawings, in which—

Figure 1 is a view in perspective of my invention, showing it attached to any suitable support; Fig. 2, a view in perspective of the bracket with the roll detached; Fig. 3, an end view of the roller detached from the bracket; Fig. 4, a view in cross-section through the center of the roller; and Fig. 5, a view of the rod on which the roller is mounted, partly broken away.

Referring to the drawings, in which similar reference characters indicate corresponding parts throughout the several views, A represents a bracket fastened to the wall or any other suitable support through holes *a* and having the two arms B perforated, as shown at B'.

C represents a roller or cylinder to hold the paper-roll, which has the longitudinal bore C' through its center to receive the rod D to suspend the roller on the arms B through the perforations B'. The rod D has an enlarged head D' at one end, while intermediate of its ends is a slot E, in which is pivoted the catch F at F'. Said catch F is held normally out of said slot by a spring G, bearing against the bottom of the catch. The base is extended outwardly, as shown at *f*, and by bearing against the rivet *f'* prevents the catch F protruding too far out of the slot E.

The roller C has two triangular holes H cut in from its surface to the bore C', said holes being joined by a slot I to receive the catch F when the device is in an operative position.

The purpose of providing two triangular holes H is to permit the rod D to be inserted

from either side of the bracket or the roller to be inserted between the brackets, as desired, and still the rod may be withdrawn. 55

The operation is as follows: The roller C is inserted in the roll of paper and the paper and roller placed between the arms B of the bracket A, so that the hole B' in each arm of the bracket is in line with the bore C' of the roller. The rod D is then pushed through the hole B' in one arm B, the bore C', and out through the hole B' in the arm B at the other side of the bracket A until the head D' is against the arm B. The rod D is then twisted until the catch F snaps into the slot I. The device is thus locked, and the paper-roll cannot be removed except by unrolling the paper. When the paper-roll has been exhausted, the roller may be removed by depressing the catch F with the end of the thumb inserted in the triangular hole H. The rod D may then be withdrawn and the roller C removed. 60 65 70

Having thus described my invention, what I claim is— 75

1. In a paper-roll holder, a bracket having perforated arms, a roller mounted for rotation between said arms having a central opening therein and a slot, a single continuous rod to insert in said central opening and the perforations in the arms, and means for preventing the withdrawal of said rod, substantially as shown and described. 8

2. In a paper-roll holder, a roller having a longitudinal bore therethrough, a bracket having perforated arms, a single continuous rod for engaging the holes in said arms and the bore in the roller, said rod and roller being adapted to rotate between said arms, and means for preventing the withdrawal of said rod, substantially as shown and described. 90

3. In a paper-roll holder, a roller having a longitudinal bore therethrough, a slot connecting said bore and the surface of the roller, a bracket having perforated arms, a rod to fit in the holes in said arms and the bore in the roller, and a spring-actuated catch on said rod adapted to fit in said slot, said rod and roller being adapted to rotate between said arms, substantially as shown and described. 95 100

4. In a paper-roll holder, a bracket having perforated arms, a roller having a longitudinal central bore, a single rod inserted through the perforation in one of the arms, the bore



in the roller, and the perforation in the other arm, the projecting ends of said rod forming trunnions on which said roller rotates, and means to prevent the withdrawal of said rod, substantially as shown and described.

5. In a paper-roll holder, a bracket having perforated arms, a roller having a longitudinal central bore, holes cut into said roller intersecting said bore, and a slot connecting said holes, a rod inserted in the perforations in said arms and the bore in said roller, and a catch to prevent the withdrawal of said rod adapted to fit into said slot and register with one of said holes at times, substantially as shown and described.

6. In a paper-roll holder, a roller having a longitudinal bore therethrough, triangular holes cut into said roller and intersecting said bore, a slot connecting said holes, a bracket having perforated arms, a rod to fit in the holes in said arms and the bore in the roller, and a catch on said rod adapted to fit in said slot and register with one of said triangular holes at times, substantially as shown and described.

7. In a paper-roll holder, a base-plate provided with screw-holes to receive screws for fastening it to a support, perforated side arms extending outwardly from said plate, a roller having a longitudinal bore therethrough, tri-

angular holes cut into said roller intersecting said bore, a slot connecting said holes, a rod for engaging the holes in said side arms and said bore, and a catch adapted to engage said slot and register with one of said triangular holes at times, substantially as shown and described.

8. In a paper-roll holder, a bracket having perforated arms, a roller having a longitudinal central bore, triangular holes cut into said roller intersecting said bore, and a slot connecting said triangular holes, a rod inserted in the perforations in said arms and the bore in said roller, a slot in said rod, a catch pivoted in said slot and held normally out of line of the surface of said rod by a spring, a pin inserted in said rod across said slot, and a projection on the base of said catch to engage said pin, said catch adapted to engage said slot and to register with one of said triangular holes at times, substantially as shown and described.

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

WILLIS HOWARD BELKNAP.

Witnesses:

EDWIN G. HOTCHKISS,  
ARTHUR W. BOEHMER.