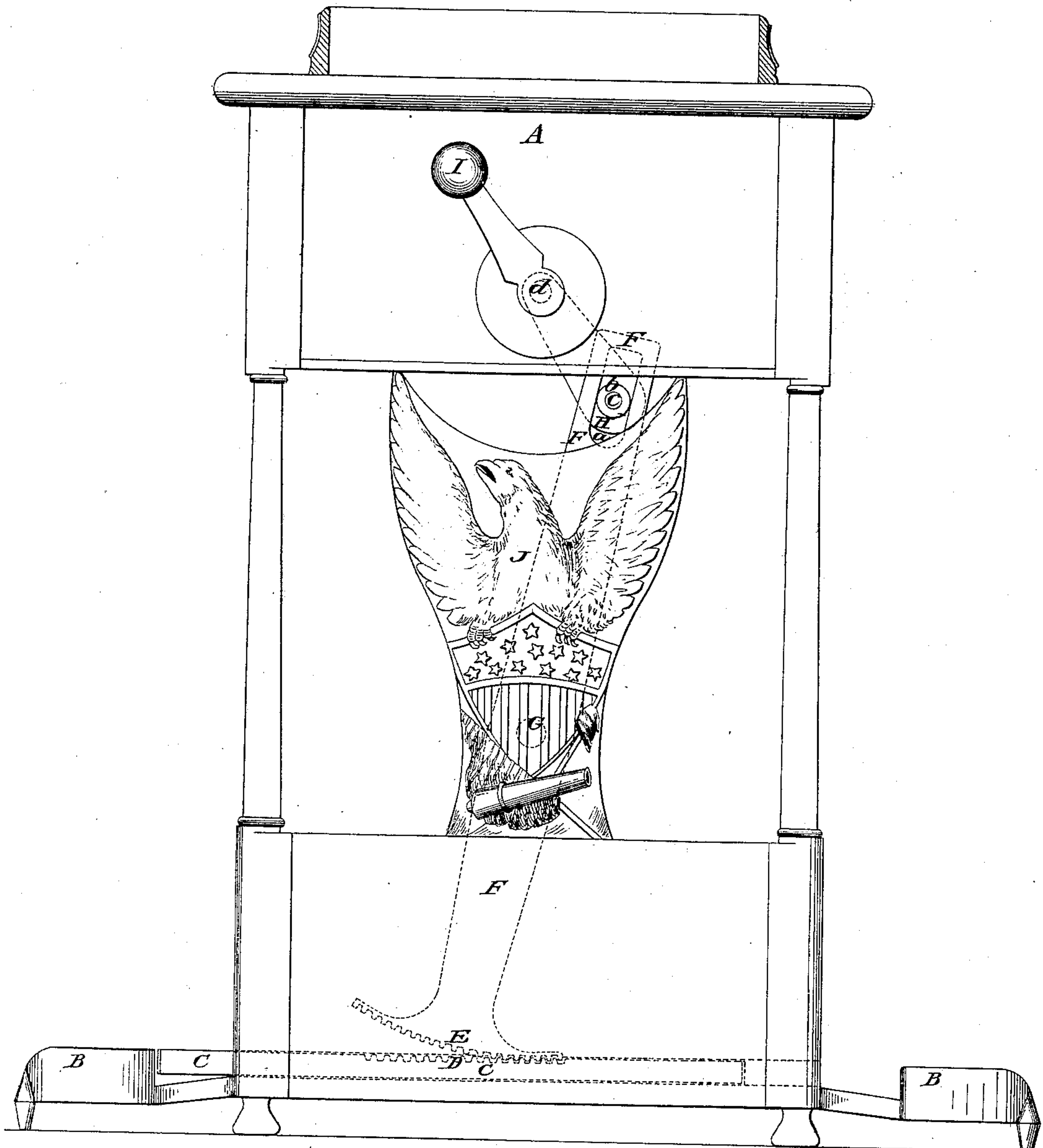


D. FREED.
TOILET FURNITURE.

No. 10,030.

Patented Sept. 20, 1853.

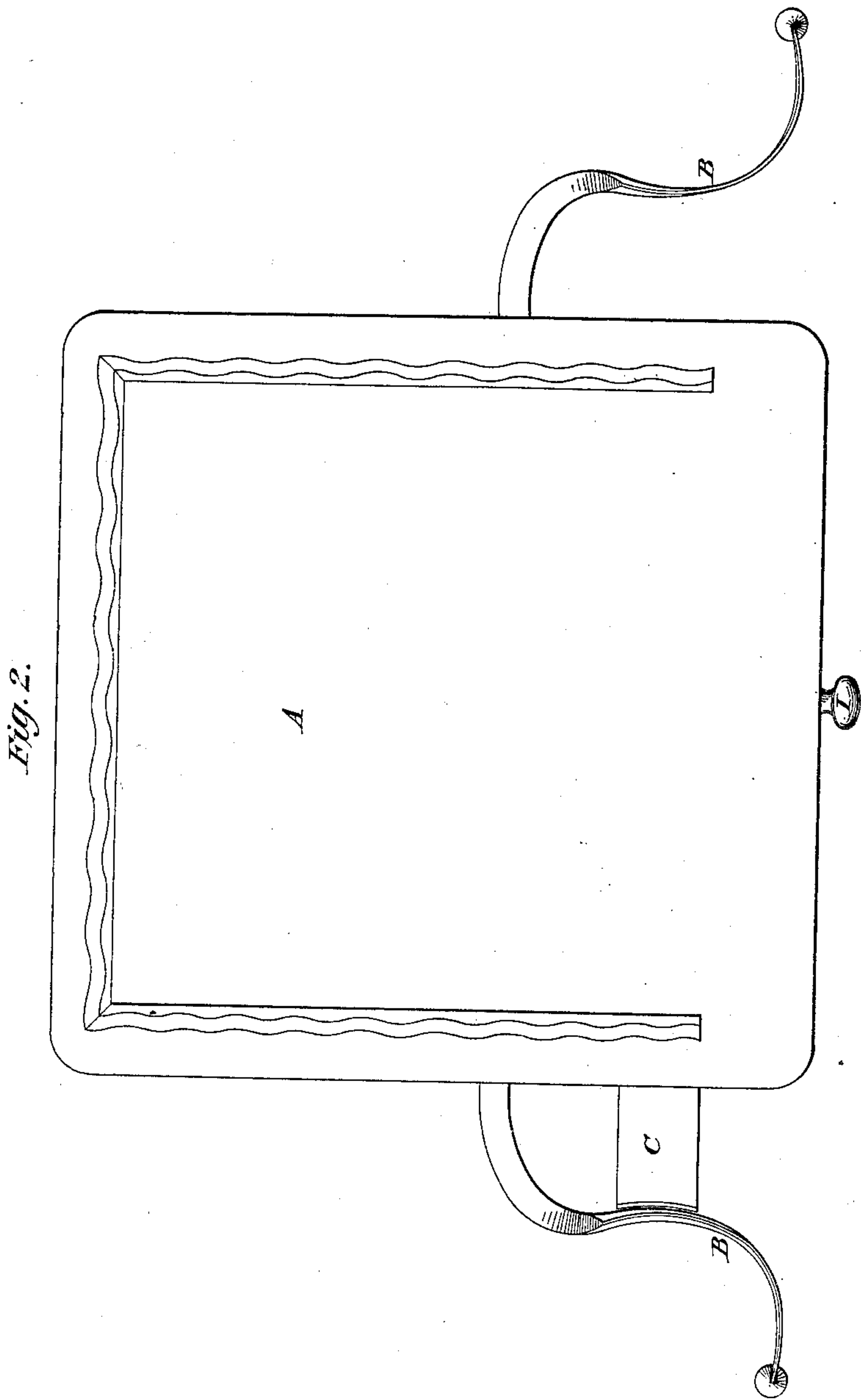
Fig. 1.



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UNITED STATES PATENT OFFICE.

DAVID FREED, OF HUNTINGDON, PENNSYLVANIA.

IMPROVEMENT IN TOILET-FURNITURE.

Specification forming part of Letters Patent No. 10,030, dated September 20, 1853.

To all whom it may concern:

Be it known that I, DAVID FREED, of Huntingdon, in the county of Huntingdon and State of Pennsylvania, have invented certain new and useful Improvements in Toilet-Furniture; and I do hereby declare the following to be a full, clear, and exact description of the same, reference being had to the accompanying drawings, making a part thereof, in which—

Figure 1 represents a front view of a wash-stand with the improvement in question attached, and Fig. 2 a top view of the same.

Similar letters in both the figures denote like parts.

The nature of my invention consists in attaching curved brackets or arms to the bottom of a wash-stand or any other toilet or household furniture, against which brackets a friction bolt or bar is thrown by a crank or knob near the top of the piece of furniture, the shape of the bracket conforming to the heel of the foot which is to be placed therein, and the object of the invention being to catch and hold the bottom of pantaloons, for the purpose of drawing them off without stooping or sitting down.

To enable others skilled in the art to make and use my invention, I will proceed to describe the same with reference to the drawings, in which I have represented the device as attached to a wash-stand, but which is equally applicable to any other chamber-furniture.

A represents a wash-stand of common construction, near the bottom of which, on either or both sides, are permanently attached the brackets or curved arms B, the convex side next the wash-stand, and the concave side made to conform to the shape of the heel of the foot. A bolt or bar, C, (that part of it which is within the stand being represented in red lines,) extends across from side to side of the stand, so that when not in use it is entirely concealed within the frame. In the top of the bolt is a straight rack, D, into which loosely works a segment-rack, E, on a vibrating lever, F, which

is pivoted at G. The top of the lever F is slotted at *a*, in which slot works a friction-roller, *b*, placed on a wrist-pin, *c*, attached to the extreme end of the lever H. The lever H is hung on a shaft, *d*, and on the same shaft is placed the hand-crank I, by the turning of which the bolt C is thrown out against the brackets B on one side or the other, as may be desired.

To use this device it is only necessary to place the heel within the bracket, the lower part of the pantaloons being on the opposite side thereof, and by turning the hand or thumb crank I it is caught and held until the leg is drawn without the necessity of stooping, which to invalids is sometimes very inconvenient, if at all possible. The end of the bar should be covered with some soft material to prevent damaging and for better holding the cloth or garment to be drawn off. The lower end of the lever H is made sufficiently heavy to drop into a perpendicular position when the crank I is released, and this throws the bolt C entirely within the frame, so as not to be seen.

An ornament, J, may be placed in the front of the stand, which will partially or entirely conceal the lever F, and thus nearly the whole of the mechanical arrangement be concealed or out of sight, that which is seen being ornamental.

Having thus fully described the nature of my invention, what I claim therein as new, and desire to secure by Letters Patent, is—

The attaching or combining with a wash-stand or any other toilet or chamber furniture the bracket B and bolt C, when said bolt is thrown against the brackets by means of a crank or knob at or near the top of the stand, through the levers H F, or their equivalents, in the manner and for the purpose herein set forth.

DAVID FREED.

Witnesses:

A. B. STOUGHTON,
SAML. GRUBB.