

R. A. SMITH.

Improvement in Towel-Cranes.

No. 126,338.

Patented April 30, 1872.

Fig. 1.

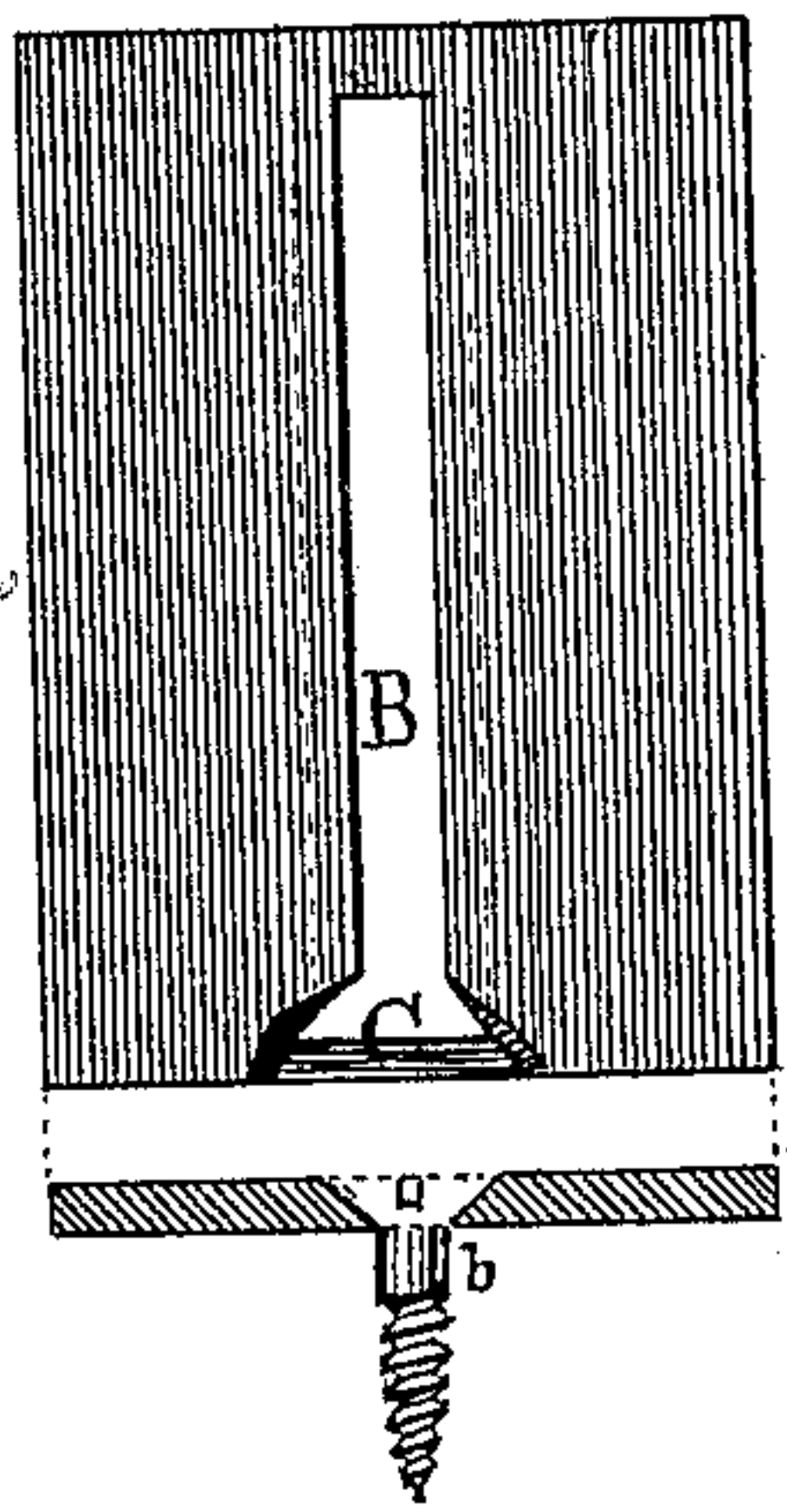


Fig. 2.

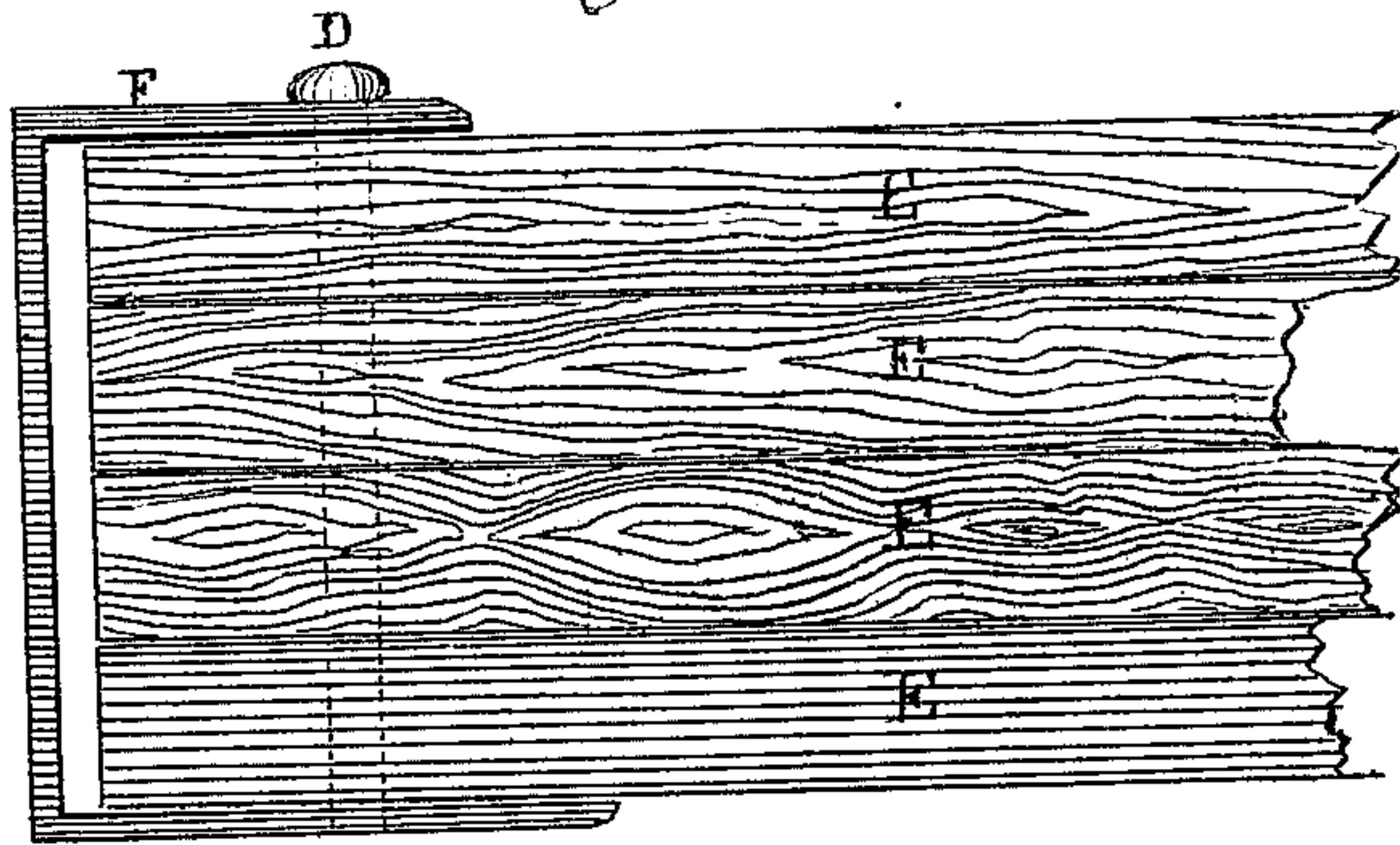


Fig. 3.

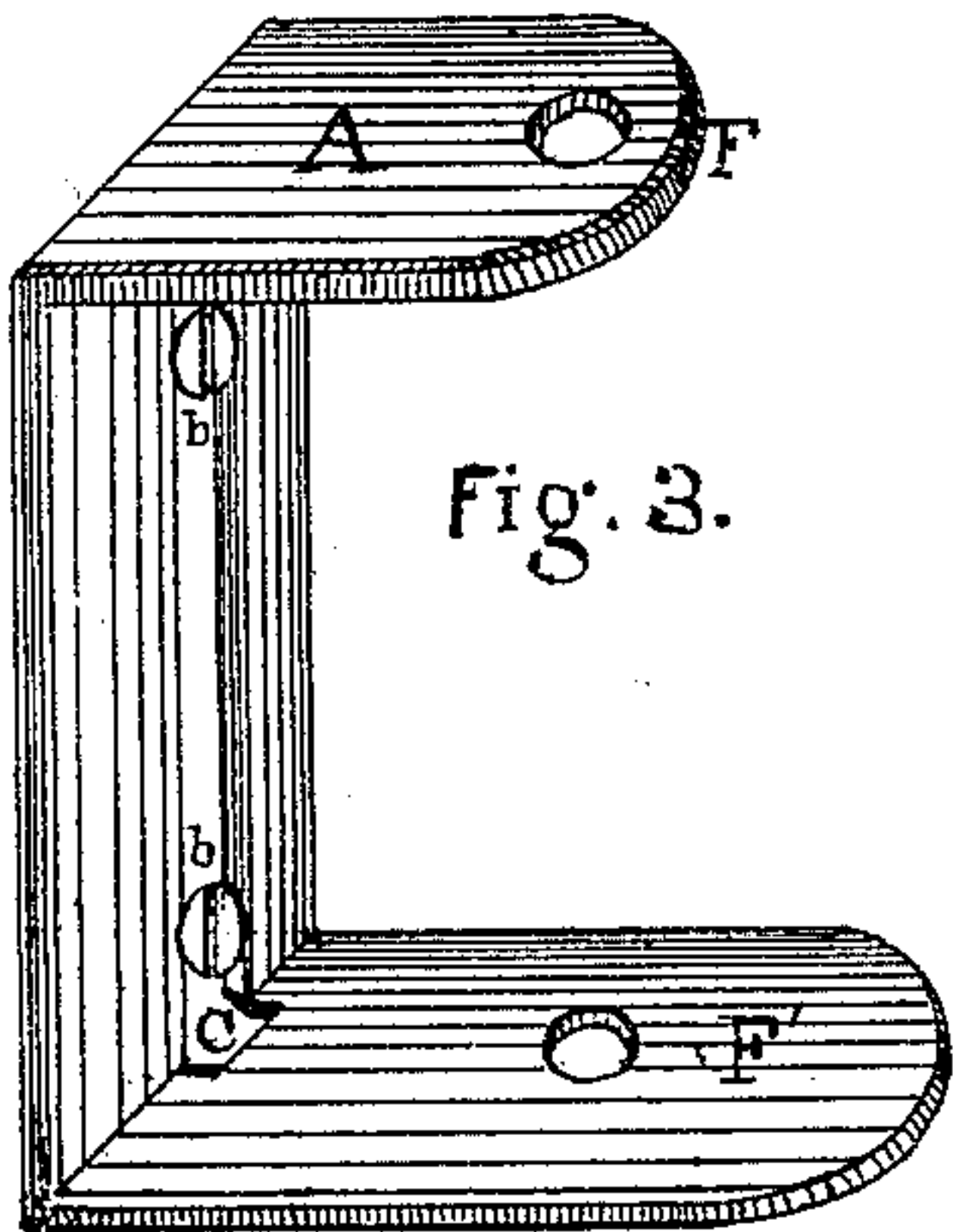
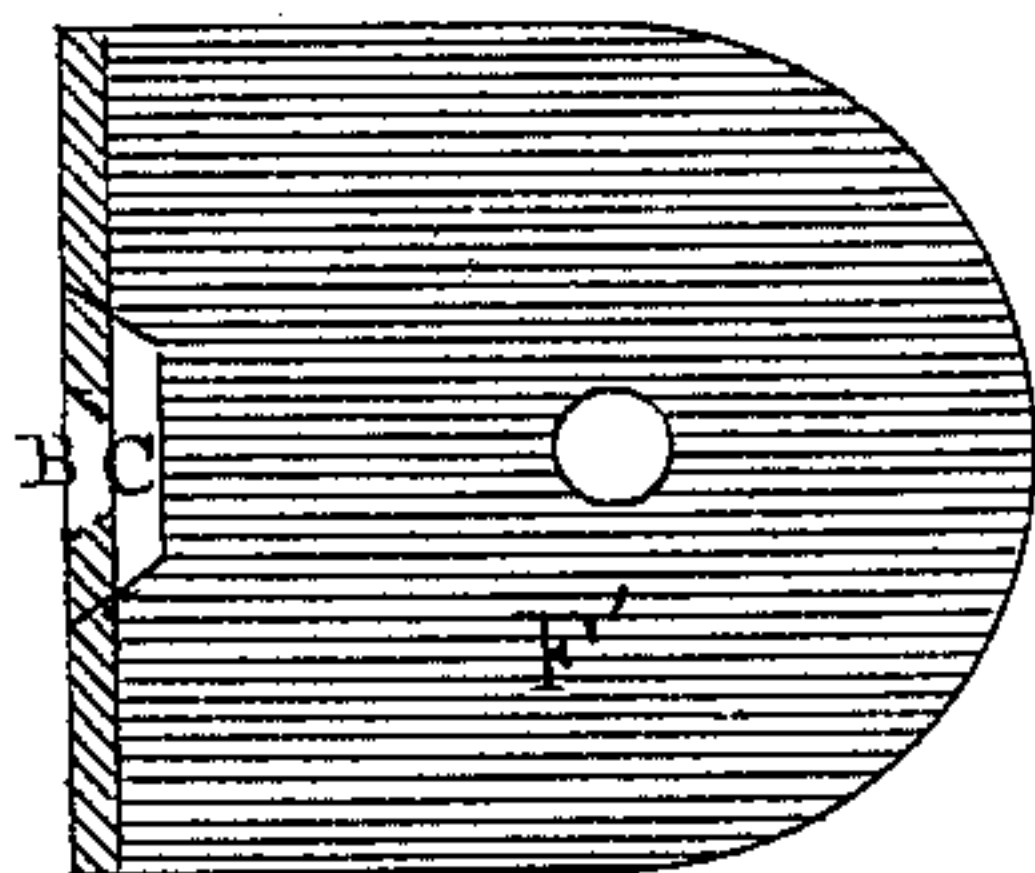


Fig. 4.



Attest
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UNITED STATES PATENT OFFICE.

REUBEN A. SMITH, OF EAST WEARE, NEW HAMPSHIRE.

IMPROVEMENT IN TOWEL-CRANES.

Specification forming part of Letters Patent No. 126,338, dated April 30, 1872.

SPECIFICATION.

Know all men that I, REUBEN A. SMITH, of East Weare, in the county of Hillsborough and State of New Hampshire, have invented an Improved Towel-Crane; and I do hereby declare the following to be a full, clear, and exact description thereof, which will enable those skilled in the art to make and use the same, reference being had to the accompanying drawing, forming part of this specification, in which—

Figure 1 is a rear view, showing the slot. Fig. 2 is a side view, showing the arms. Fig. 3 is a perspective view of the bracket. Fig. 4 is a plan view of the bottom flange, showing partly in section the slot and enlargement.

The nature of this invention consists in providing, in the metallic bracket of a towel-crane, a countersunk slot, having at its lower end an enlarged opening to pass over the heads of ordinary wood-screws, which are to be set into the wall, casing, post, or any other convenient place, so that the slot, which is adapted to the size of the shank of the screws, may slide over them, and thus secure the holder to the place, and yet admit of the easy and quick removal of the same when wanted to be put up similarly in any other situation.

In the drawing, A represents a metal bracket, which may be cast or wrought. B is a slot in the back plate, and is countersunk on the inner side to suit the bevel of ordinary wood-

screws. C is an enlargement of the slot B. D is the pin; and E the arms of the crane, which may be made of wood or any other suitable material. F is the upper flange; and F' the lower flange, which is larger than the upper, to afford a support for the arm. *b b* are wood-screws, by which the device is held up and secured.

The advantages of this simple construction of a towel-crane are: first, the ease with which the same may be put up at any desired point or points about the room or premises without extra cost, using simply two or more screws at the places where the crane may be required; secondly, the economy of construction, as one casting at a trifling expense is all that is required with the arms which are common to most of the cranes in use.

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

In a towel-crane, the combination of the bracket A, having a countersunk slot, B, and an enlarged opening to receive the head of a screw, with the arms E, substantially as and for the purpose shown and described.

Signed at Washington, D. C., this 3d day of November, 1871.

REUBEN A. SMITH.

Witnesses:

IRA WILKINS,
I. G. WILKINS.