

C. F. RAPP.
Casters for Tubs.

No. 214,313.

Patented April 15, 1879.

Fig. 1

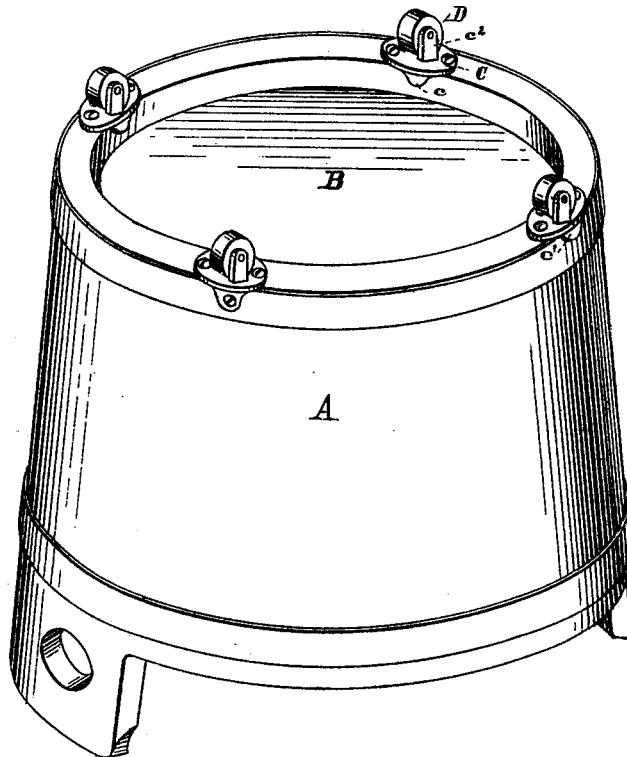
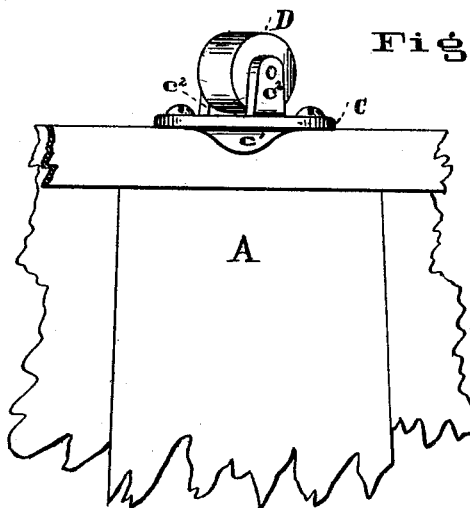


Fig. 2



Attest
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per
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att'y

UNITED STATES PATENT OFFICE.

CHRISTIAN F. RAPP, OF CINCINNATI, OHIO, ASSIGNOR OF ONE-HALF HIS
RIGHT TO FREDERICK SEIDENSPINNER, OF SAME PLACE.

IMPROVEMENT IN CASTERS FOR TUBS.

Specification forming part of Letters Patent No. **214,313**, dated April 15, 1879; application filed
February 23, 1878.

To all whom it may concern:

Be it known that I, CHRISTIAN F. RAPP, of Cincinnati, in the county of Hamilton and State of Ohio, have invented certain new and useful Improvements in Tub-Casters; and I do hereby declare that the following is a full, clear, and exact description of the invention, which will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

This invention is a caster of special construction, which is adapted for use upon a tub, as will be fully described hereinafter.

In the drawings, Figure 1 represents a perspective view of a reversed tub having my improved casters applied thereto, and Fig. 2 is an enlarged view of a single caster.

A represents the body of a tub of the usual well-known construction, and B the bottom of the same. C represents the main plate of the caster, provided with screw-holes adapted to receive the securing-screws, as shown. *c'* represents lips projecting downward from the plate C when the caster is in its reversed position, as shown in Fig. 2, which are adapted to inclose the chine of the tub, as shown. These standards, it will be observed, are set at an angle to the longitudinal centerline of the plate C, by means of which they are adapted, when properly placed upon the tub, to hold the rollers in lines parallel to a center line passing through the tub-handles. The stand-

ards, also, are differently located upon the main plate, according to the position which the caster is to occupy upon the tub. This construction will be observed in Fig. 1, where any two adjacent casters have the standards parallel with each other; but their central plates are held in different positions.

The casters which are opposite each other are pairs, being made precisely alike; but those adjacent to each other are not fellows, the standards of the rollers occupying different positions relatively to the main plate.

By means of the described construction a caster is obtained which may be strongly united to the tub in a suitable manner, and which, when united, will adapt the tub to be readily moved in any desired direction.

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

1. A caster having a main plate, as described, and roller-standards set at an angle thereto, as and for the purpose described.

2. In combination with the chine of a tub, a caster having projecting lips *c'*, adapted to inclose the chine, and roller-standards set at an angle, as and for the purpose set forth.

3. A tub having casters, having standards set at an angle and arranged in pairs, as described.

CHRISTIAN F. RAPP.

Attest:

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