(Model.)

G. C. WALTERS.

FILLING CUP FOR MOROCCO MANUFACTURERS.

No. 251,325. Patented Dec. 20, 1881.

Fig. 1.

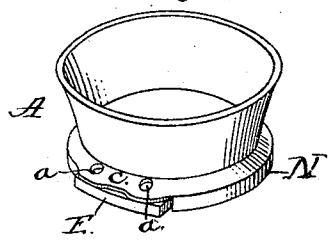


Fig. 2.

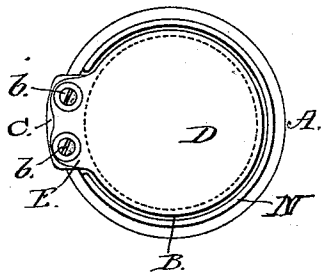
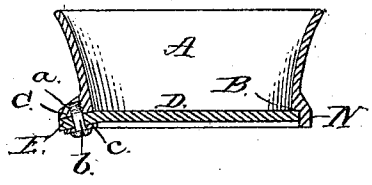


Fig. 3.



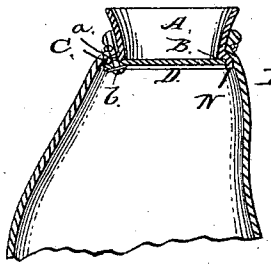


Fig. 4.

WITNESSES

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UNITED STATES PATENT OFFICE.

GEORGE C. WALTERS, OF PHILADELPHIA, PENNSYLVANIA.

FILLING-CUP FOR MOROCCO-MANUFACTURERS.

SPECIFICATION forming part of Letters Patent No. 251,325, dated December 20, 1881.

Application filed October 10, 1881. (Model.)

To all whom it may concern:

Be it known that I, GEORGE C. WALTERS, a citizen of the United States, resident of Philadelphia, in the county of Philadelphia and State of Pennsylvania, have invented a new and valuable Improvement in Filling-Cups for Morocco-Manufacturers; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, and to the letters and figures of reference marked thereon.

Figure 1 of the drawings is a representation of a perspective view of my device. Fig. 2 is a bottom view. Fig. 3 is a sectional view, and Fig. 4 is a vertical section as applied.

This invention has relation to filling-cups for morocco-manufacturers; and it consists in the novel construction and arrangement of a valved cup having a valve-seat above the valve, an outwardly-projecting extension, to which an extension on the rubber or other flexible valve is secured by screws driven outwardly from below at angles of about seventy degrees to the plane of the valve, and an encircling flange at the bottom of the cup, whereby the leg of the skin may be securely attached to the cup, as will be hereinafter fully described, and particularly pointed out in the claims.

Referring by letter to the accompanying drawings, A designates the cup, of metal or other suitable material, having the valve-seat B at its lower edge, as shown. N designates a flanged projection entirely surrounding the cup, whereby the skin may be securely attached to the cup, and C the outwardly-projecting extension, having the outwardly-inclined threaded holes *a a* for the reception of the screws *b*, which secure the valve D in place in its seat. The valve D is preferably of rubber, and has an extension, E, corresponding in shape to the extension C, to which it is secured by screws *b*, washers *c* being interposed between the valve and the screw-heads.

The object of the invention is to improve the construction of the cup used by morocco-manufacturers in filling the skins from which the morocco is made with the sumac and water by which the skins are tanned. The skins are first sewed in the ordinary manner at the edges, and the valved cup applied to an opening in the end of one of the legs of the skin by tying the cup therein.

The old form of valve consisted of a circular cup with an outward projection on its inner edge or opening, around which the skin was tied. The valve rested on the outer surface of the inner edge of the cup and extended to the extreme edge. This construction permitted the valve to be dragged open when it came in contact with anything while handling the filled skins, and permitted the liquor to escape, which accident resulted in only partially tanning the skins. In the old form the projection to which the valve was attached was on the inner side of the cup. This construction lessened the opening in the cup, caused clogging, and produced an overflow of the filling material, which could only be replaced by guess-work. In the old cup the screws were passed through the valve at right angles to its horizontal plane, whereby it did not bear with sufficient force on the edge of the cup when the skins were partially emptied, and from that cause the liquor would escape.

By my construction these objections are removed, as, in the first place, the valve is seated within the cup and cannot be displaced by accident in handling the filled skins; and, secondly, the projections on the cup and the valve, in connection with the inclined screws, hold the valve more firmly, and the interior periphery of the cup is not obstructed, and is therefore not liable to clog, either during the filling or the emptying of the skin. A funnel is inserted into the cup and secured during the filling operation, and the sumac is placed therein, and a stream or drip of water from above falls thereon and produces a tanning-mixture of about the consistency of cream. After filling the funnel is withdrawn and the valve closed. The skins may then be piled for storage.

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

1. In a filling-cup for morocco-manufacturers, the cup A, having the projecting flange N extending entirely around it, and the valve-seat B at its lower edge, in combination with the rubber valve D, seated therein, substantially as specified.

2. In a filling-cup for morocco-manufacturers, the cup A, having the valve-seat B at its lower edge, and the outwardly-projecting extension C, bored for the inclined screws, in combination with the rubber valve D, having the projection E, the washers, and screws, substantially as and for the purposes specified.

In testimony that I claim the above I have hereunto subscribed my name in the presence of two witnesses.

GEORGE C. WALTERS.

Witnesses:
ALLEN H. GANGEWER,
GEORGE W. SELTZER.