

(No Model.)

W. A. SCOLLAY.
BALANCE TIP FOR BROOMS.

No. 296,879.

Patented Apr. 15, 1884.

FIG. 1.

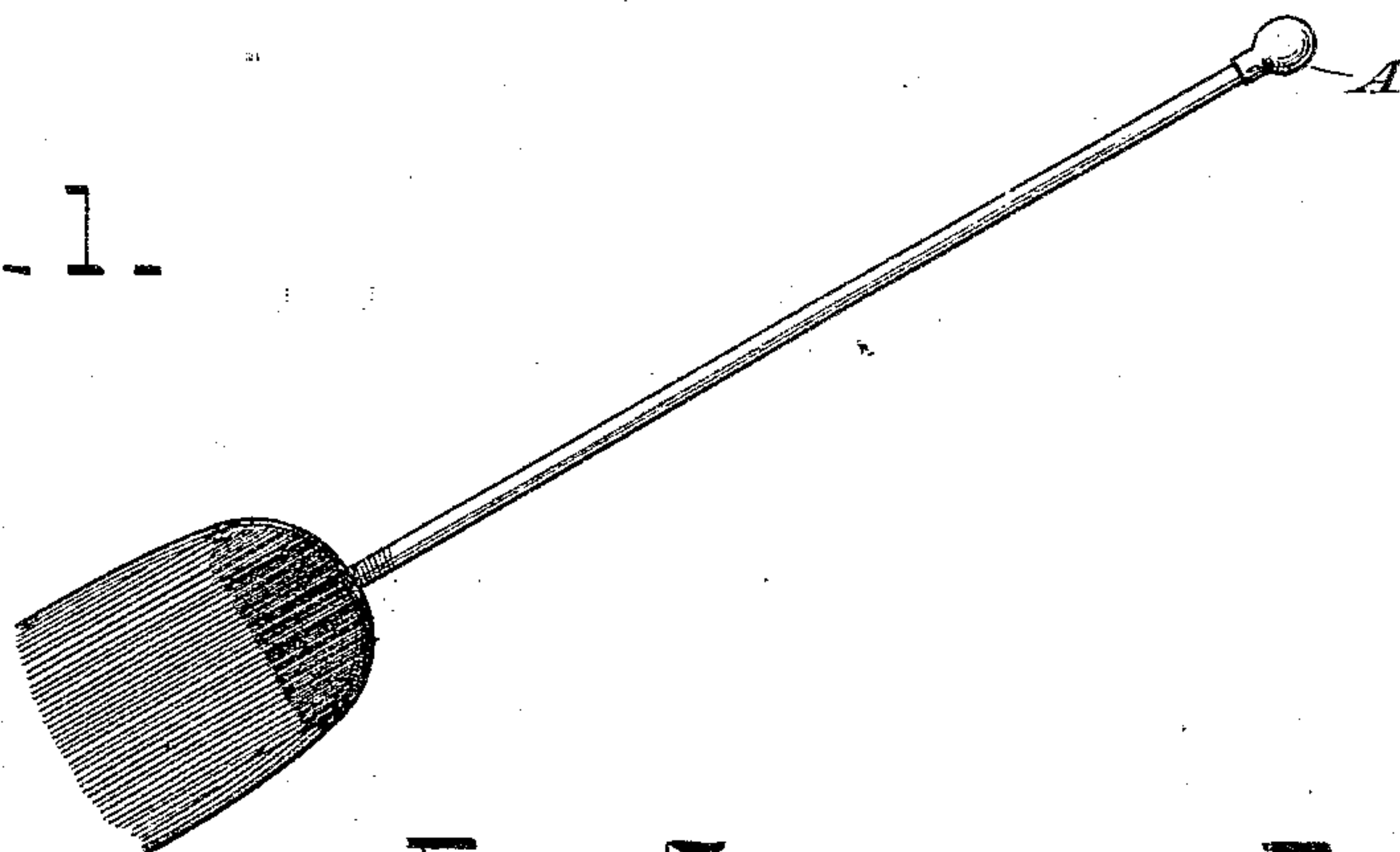


FIG. 2.

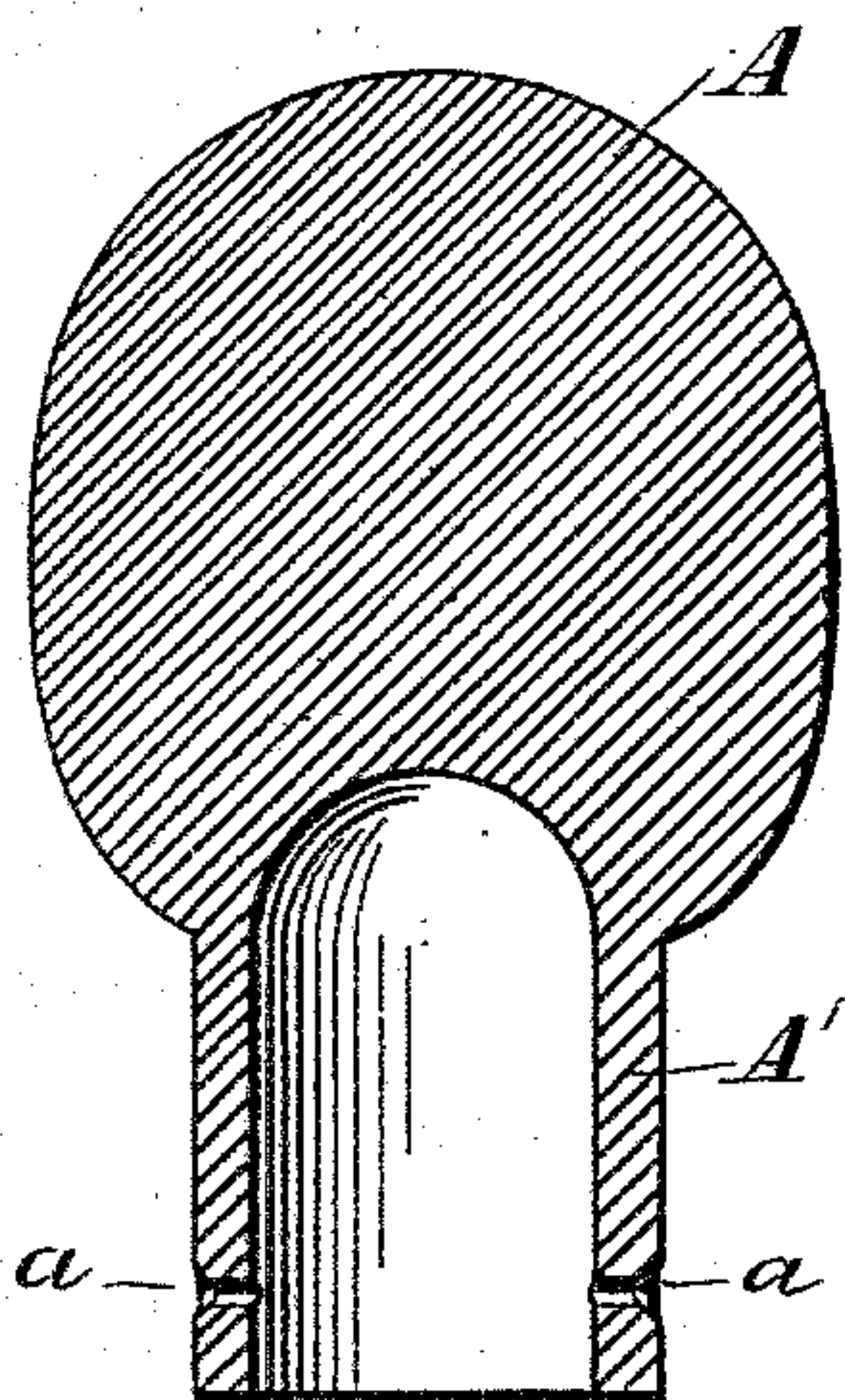


FIG. 3.

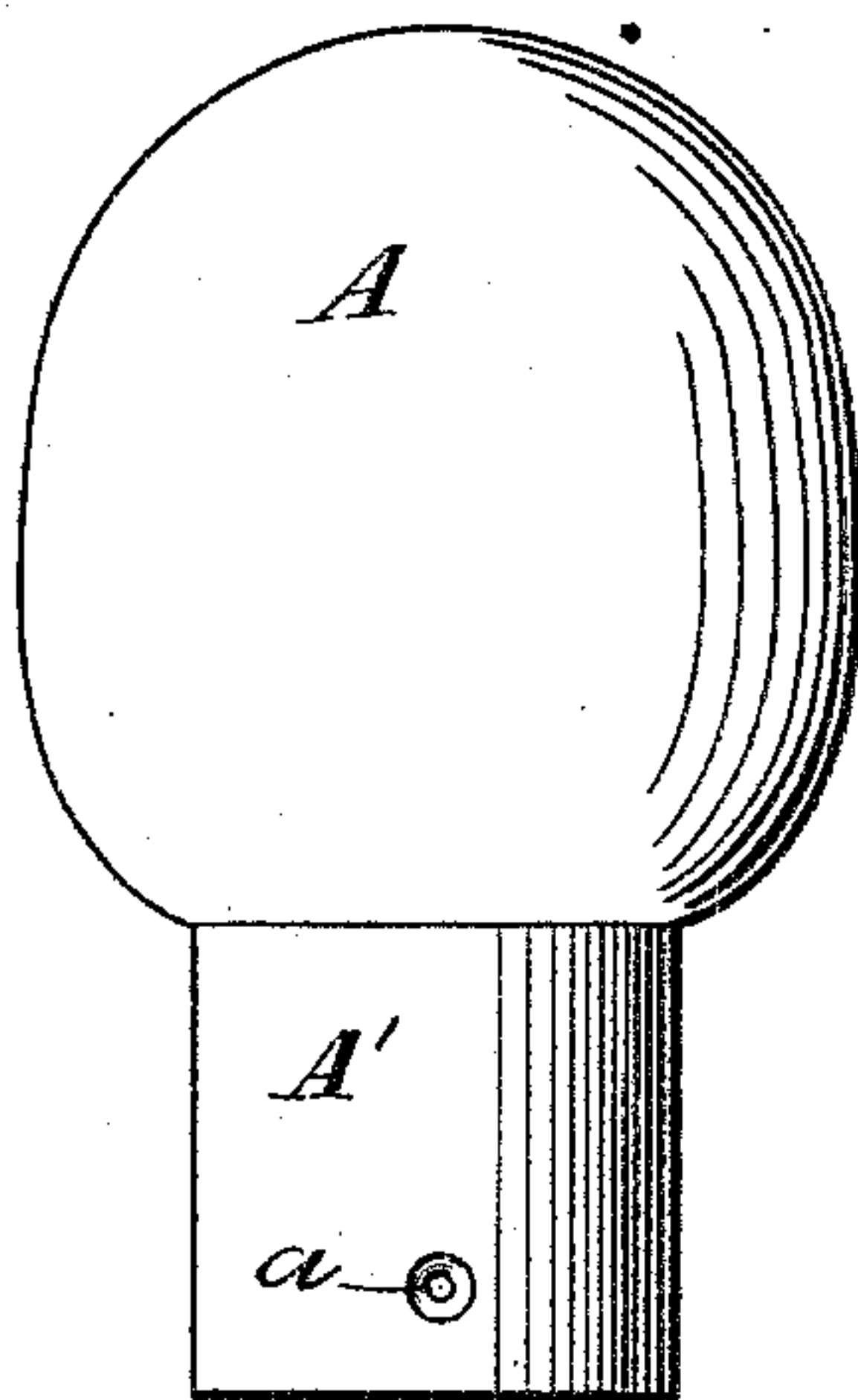


FIG. 4.

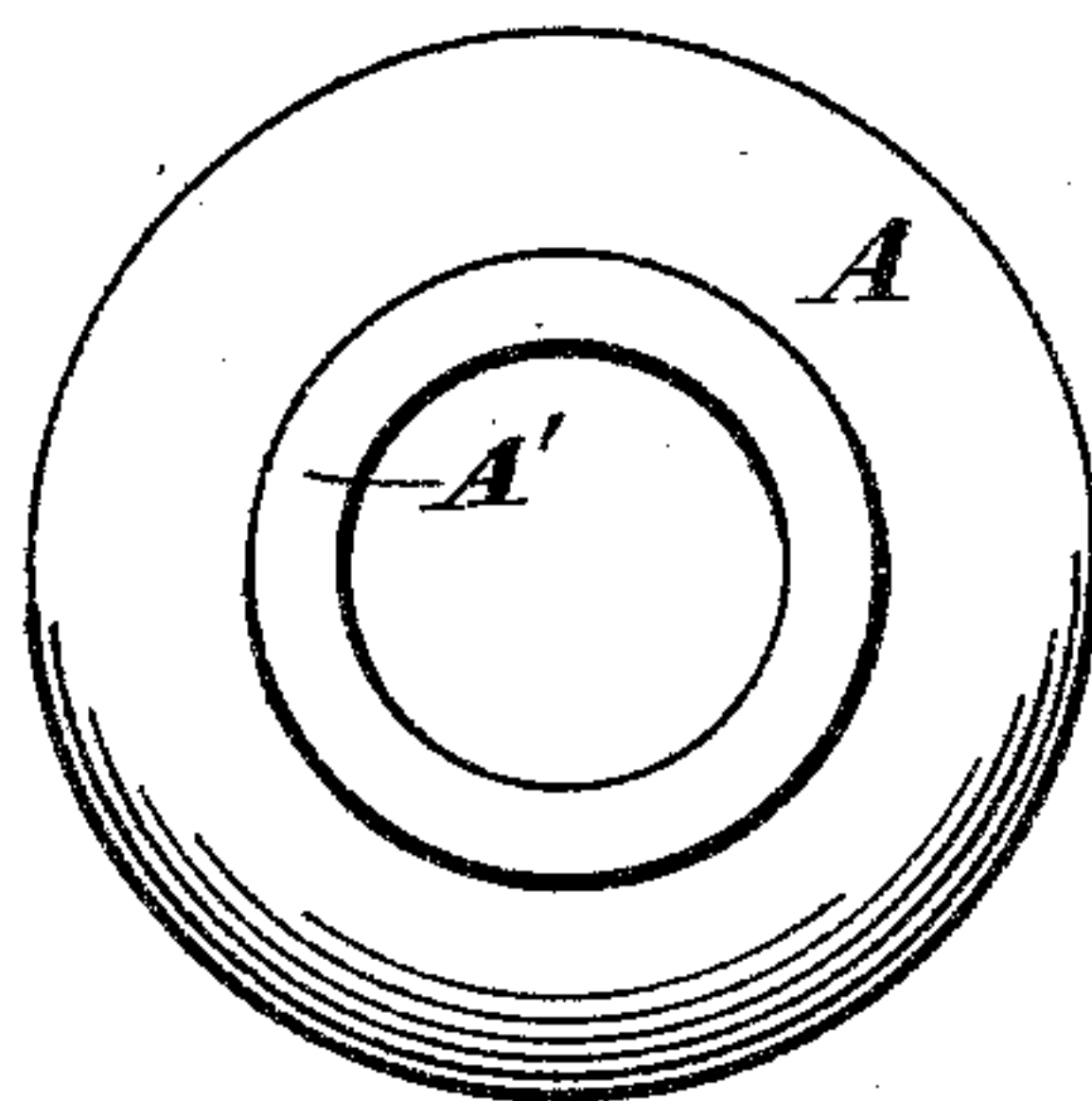
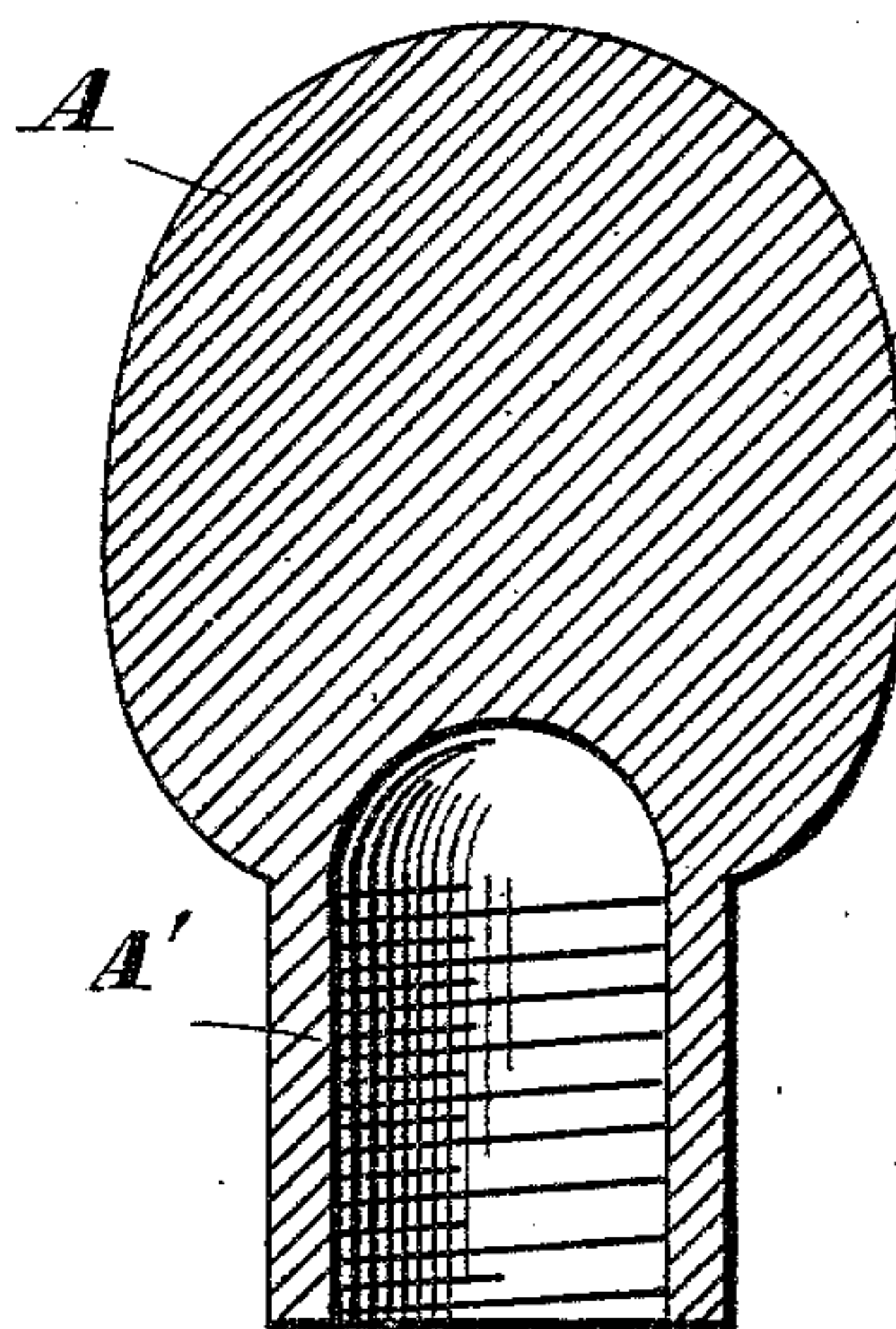


FIG. 5.

WITNESSES.

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UNITED STATES PATENT OFFICE.

WILLIAM A. SCOLLAY, OF SAN FRANCISCO, CALIFORNIA, ASSIGNOR OF ONE-FOURTH TO WILMER BRADFORD, OF SAME PLACE.

BALANCE-TIP FOR BROOMS.

SPECIFICATION forming part of Letters Patent No. 296,879, dated April 15, 1884.

Application filed July 17, 1883. (No model.)

To all whom it may concern:

Be it known that I, WILLIAM A. SCOLLAY, a citizen of the United States, residing in San Francisco, in the county of San Francisco and State of California, have invented a certain new and useful Balance-Tip for Brooms, of which the following is a specification.

It is a well-known fact that the sweeping of rooms and carpets is at best a tedious and tiresome operation, and very exhausting to persons of delicate constitution. This condition of affairs has not arisen from the weight of the broom itself, but from the fact that the preponderance of weight has always been at the lower end of the broom, and where the contact with the carpet is had, and where the leverage operating against the sweeper is greatest; hence the object of my invention is to overcome these difficulties, and provide a means whereby the lower end of the broom, when in the hands of the sweeper, may be balanced, and the operation of the sweeping rendered more easy. This object I accomplish by means of the device illustrated in the accompanying drawings, in which—

Figure 1 is a perspective view showing my improved balance-tip applied to a broom. Fig. 2 is a central vertical section through the balance-tip. Fig. 3 is an elevation. Fig. 4 is a central vertical section illustrating a modification, and Fig. 5 is a bottom view of the device illustrated in Fig. 3.

Similar letters of reference are used to designate like parts throughout the several figures.

My broom balance-tip A is preferably made of cast iron, and is globular in form, having a shank or neck, A', which is made hollow and adapted to receive the upper end of the broom-handle, as shown in Fig. 1. The shank A' is provided with one or more holes, a, through which a nail may be driven into the broom-handle, and thus serve to keep the tip in position upon the broom.

In the modification shown in Fig. 4 I have shown the bore of the shank or neck A' provided with a screw-thread, and adapted to be screwed down upon the end of the broom-handle, thus dispensing with the nail-holes and nails, although I have found the latter to be the most practicable.

If desirable, the shank upon the ball may be dispensed with and an opening made in the body of the weight, into which the end of the broom-handle may be inserted.

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

The combination, with a broom-handle, of a balance-weight consisting of the metal tip A, having a globular head, and provided with a hollow shank, A', substantially as shown and described.

In testimony that I claim the foregoing I have hereunto set my hand and seal.

WILLIAM A. SCOLLAY. [L. S.]

Witnesses:

WILMER BRADFORD,
CHAS. E. KELLY.