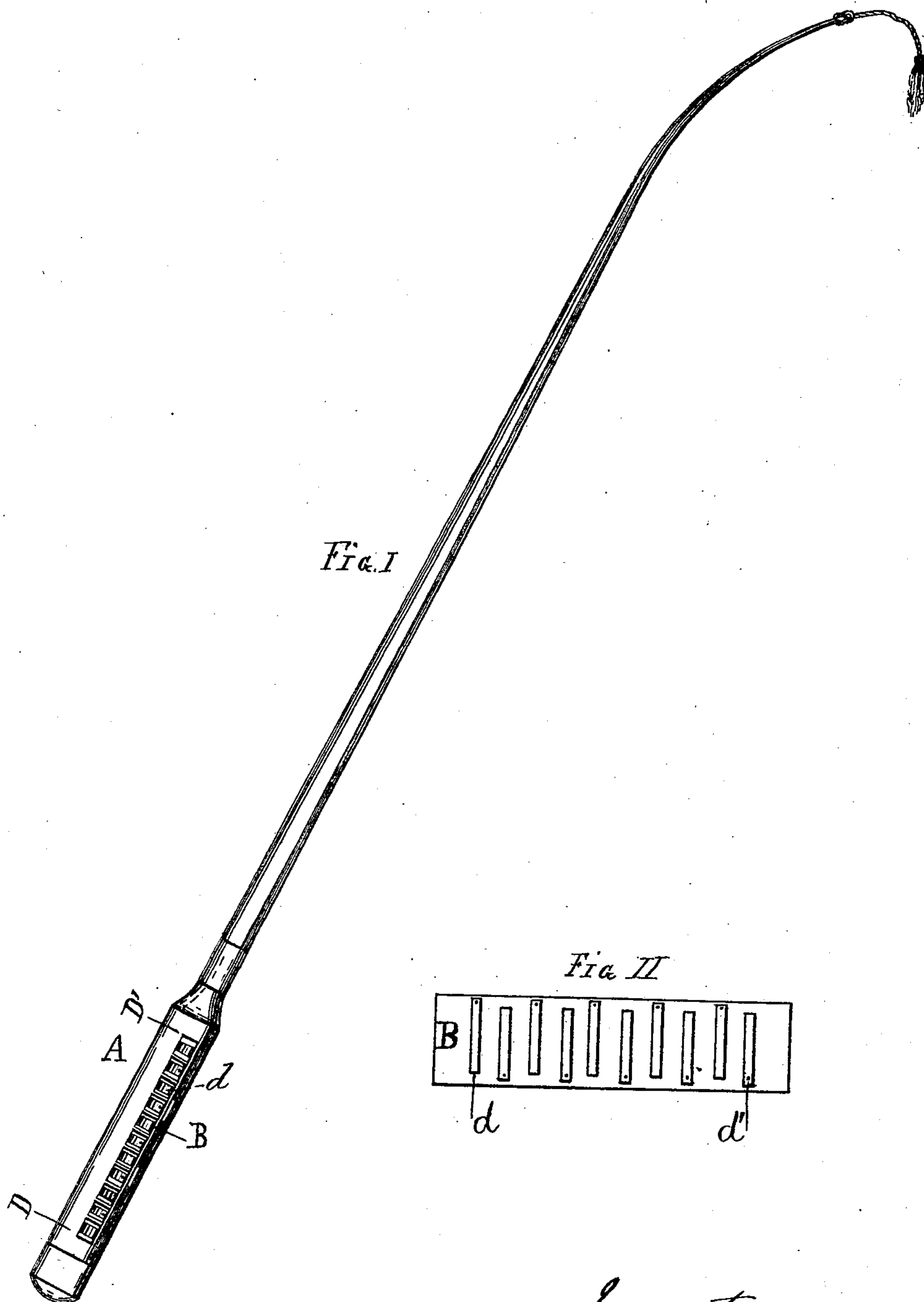


W. H. RICE.
Whip and Cane-Handle.

No. 196,827.

Patented Nov. 6, 1877



Witnesses
H. A. Chapin
W. H. Chapin

Inventor
Walter H. Rice
By Chapin & Co.
Attys

UNITED STATES PATENT OFFICE.

WALTER H. RICE, OF WESTFIELD, MASSACHUSETTS, ASSIGNOR OF ONE-HALF HIS RIGHT TO ELMER W. DICKERMAN, OF SAME PLACE.

IMPROVEMENT IN WHIP AND CANE HANDLES.

Specification forming part of Letters Patent No. **196,827**, dated November 6, 1877; application filed March 19, 1877.

To all whom it may concern:

Be it known that I, WALTER H. RICE, of Westfield, in the county of Hampden and State of Massachusetts, have invented a new and useful Improvement in Whip and Cane Handles, and other similar articles, which improvement is fully set forth in the following specification and accompanying drawing, in which—

Figure I is a view of a whip having upon it one of my improved handles. Fig. II is a plan view of the harmonica plate and reeds which I insert in the handle, as hereinafter described.

The object of my invention is to properly and conveniently place in and attach to a whip or cane handle a metallic or other plate, having in it the proper openings, and attached to it the usual metallic reeds, which, combined, constitute, with the usual case thereto attached, the common musical instrument known as a "harmonica."

In my invention, however, the handle of the whip, or other article to which my improvement may be applied, becomes the case ordinarily covering each flat side of the reed-plate and reeds, and the necessary transverse openings for blowing upon and producing music from said reeds are cut from side to side of said handle.

In the drawing, A, Fig. I, shows the com-

plete handle attached to a whip. D to D' is the line of wind-holes over the reeds. B is the reed-plate inserted in the handle A.

In Fig. II, B is the reed-plate, and *d* to *d'* are the reeds therein.

In manufacturing the reed-plates to be used in my improved handles, I punch out or otherwise form the plates so that they will conform in shape to the size of and form of the handle into which they are to be inserted, and the parts of the handle which form the case for the plate and reeds are secured to said plate by screws, rivets, or other similar devices; or they may be glued or cemented together, or held in place by ferrules.

It is not necessary that the handle of the whip or cane should form the case proper of the harmonica; but the instrument, being made thin, may be inserted complete in a proper longitudinal opening in the handles, and there fastened by any suitable means.

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

In combination with the handle of a whip or cane, the reed-plate B and reeds *d d'*, substantially as described.

WALTER H. RICE.

Witnesses:

H. A. CHAPIN,
W. H. CHAPIN.