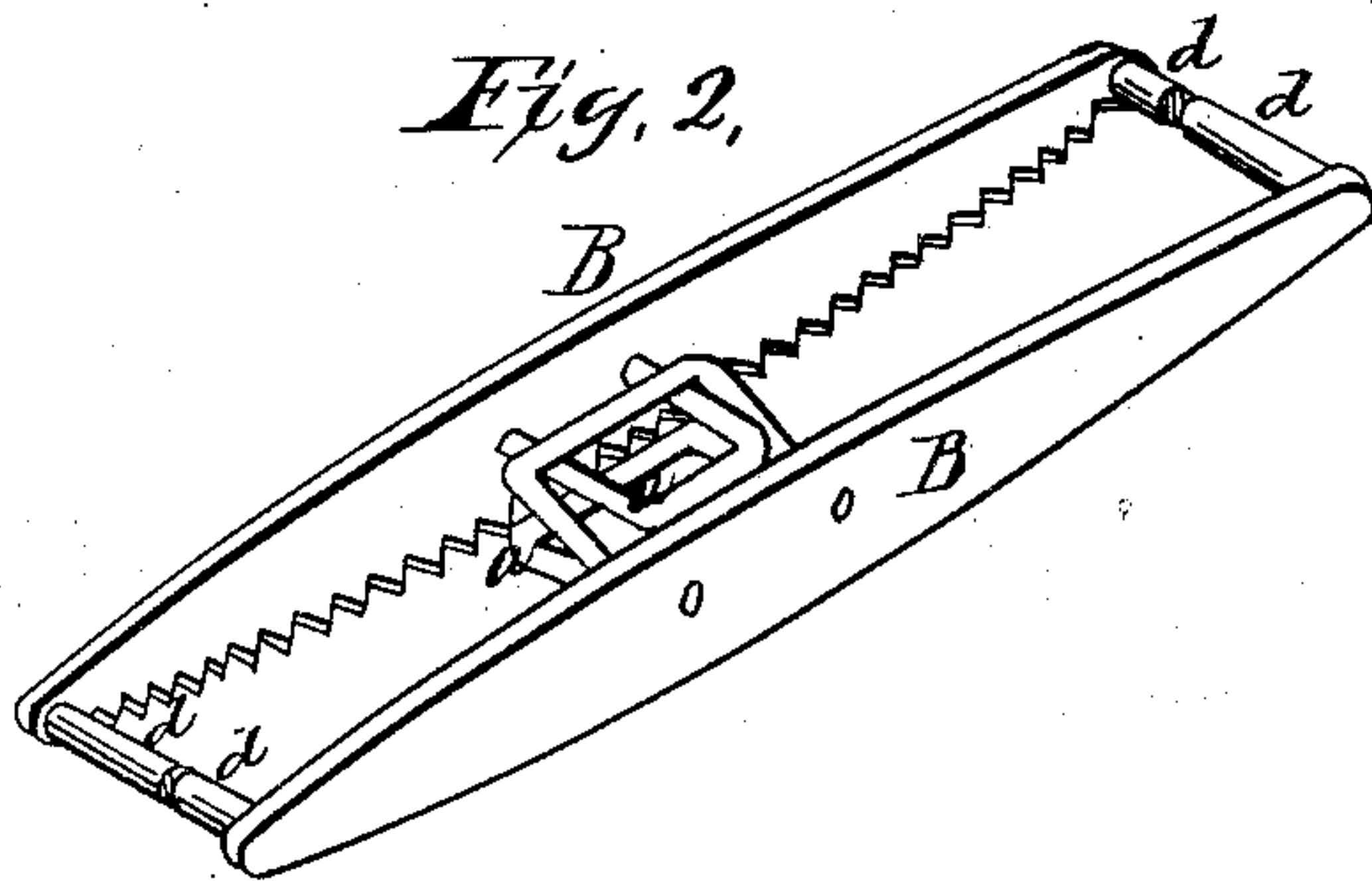
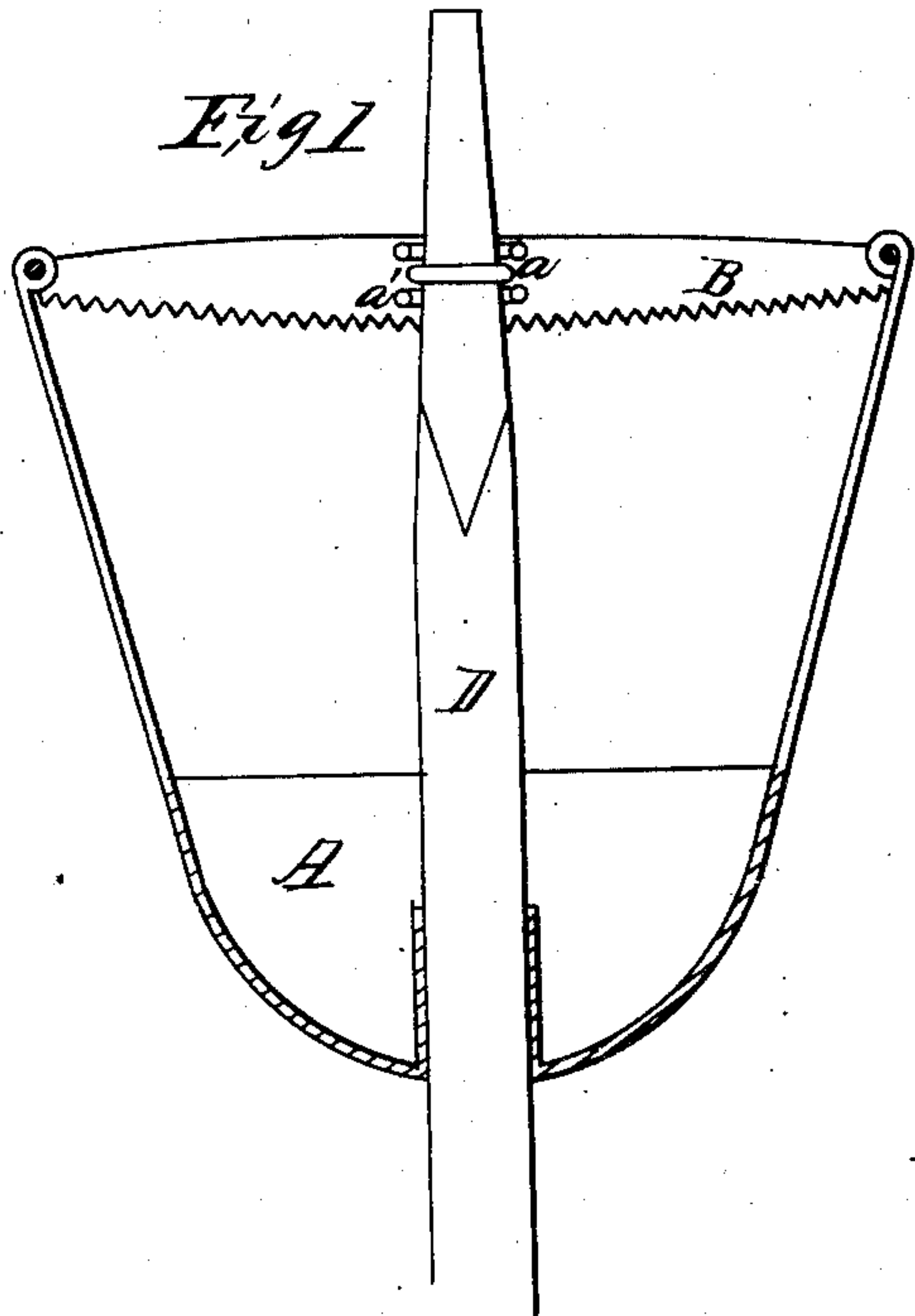


No. 62,471.

PATENTED FEB. 26, 1867.

J. T. CARPENTER.
BROOM HEAD.



Witnesses,
A. A. Yeatman
W. Stockbridge

Inventor,
J. T. Carpenter
per
Alexander M. Mason
Attorney

United States Patent Office.

J. T. CARPENTER, OF HARRISBURG, PENNSYLVANIA.

Letters Patent No. 62,471, dated February 26, 1867.

IMPROVED BROOM-HEAD.

The Schedule referred to in these Letters Patent and making part of the same.

TO ALL WHOM IT MAY CONCERN:

Be it known that I, J. T. CARPENTER, of Harrisburg, in the county of Dauphin, and in the State of Pennsylvania, have invented certain new and useful improvements in Broom-Heads, and do hereby declare that the following is a full, clear, and exact description thereof, reference being had to the accompanying drawings, and to the letters of reference marked thereon.

In the annexed drawings making part of this specification, A represents a metallic box or case, which is intended to hold the butts of the straws for making the broom. This box or case consists of a strap of sheet metal made as wide as the broom is to be thick, with its ends turned over or around so as to form eyes, as seen. This strap is provided on each side, a portion of its length, with two metallic plates, between which the butts of the straws are held, and at its centre with a hole or opening, through which the broom-handle passes. B B represent two metallic jaws, which are provided at each end with pins, *d d*, turned or set at right angles to the jaw; they are also provided with teeth on one edge, which set in toward the straws of the broom, and also with staples at their centres, which project inwards. One of the jaws is provided with a single staple, *a*, and the other is provided with two staples, *a'*. The single staple is intended to fit between the other two. In using this broom-head the butts of the straws are first inserted in the box or case. After as many are placed in as will make the broom of proper thickness, the two jaws are placed upon each side of the broom, so that their pins will enter the eyes of the strap, and the single staple will enter between the other two. The end of the broom-handle which enters the head being made tapering, is driven in the opening in the strap made to receive it, and its pointed end enters the opening between the staples. As the handle is driven into the staples, they draw the jaws together tightly upon the broom-straws, and the teeth upon said jaws, entering between the straws, serve to keep them in proper place. A sufficient quantity of straw is placed in each case or box to make the broom perfectly compact and tight when the handle is driven in and the jaws are brought together as nearly as they can be by the meeting of the pins of the two jaws within the eyes of the strap. After the handle has been driven into its proper place, so as to properly tighten the straws, it is secured by means of a screw, which passes through one of the plates of the case or head into the handle.

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

The jaws B B constructed as described, with their loops *a a'*, when used in combination with the case or head A, and tapering handle D, the whole constructed and used as and for the purposes specified.

In testimony that I claim the foregoing I have hereunto set my hand and seal this 5th day of February, 1867.

J. T. CARPENTER.

Witnesses:

JOHN W. YOUNG,

NELSON HAAS.