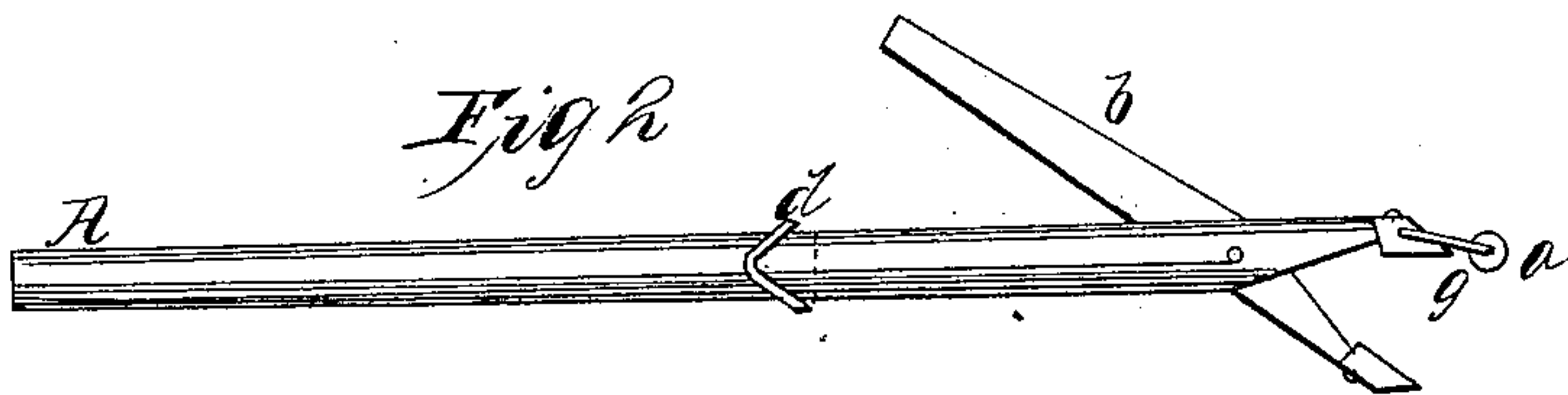
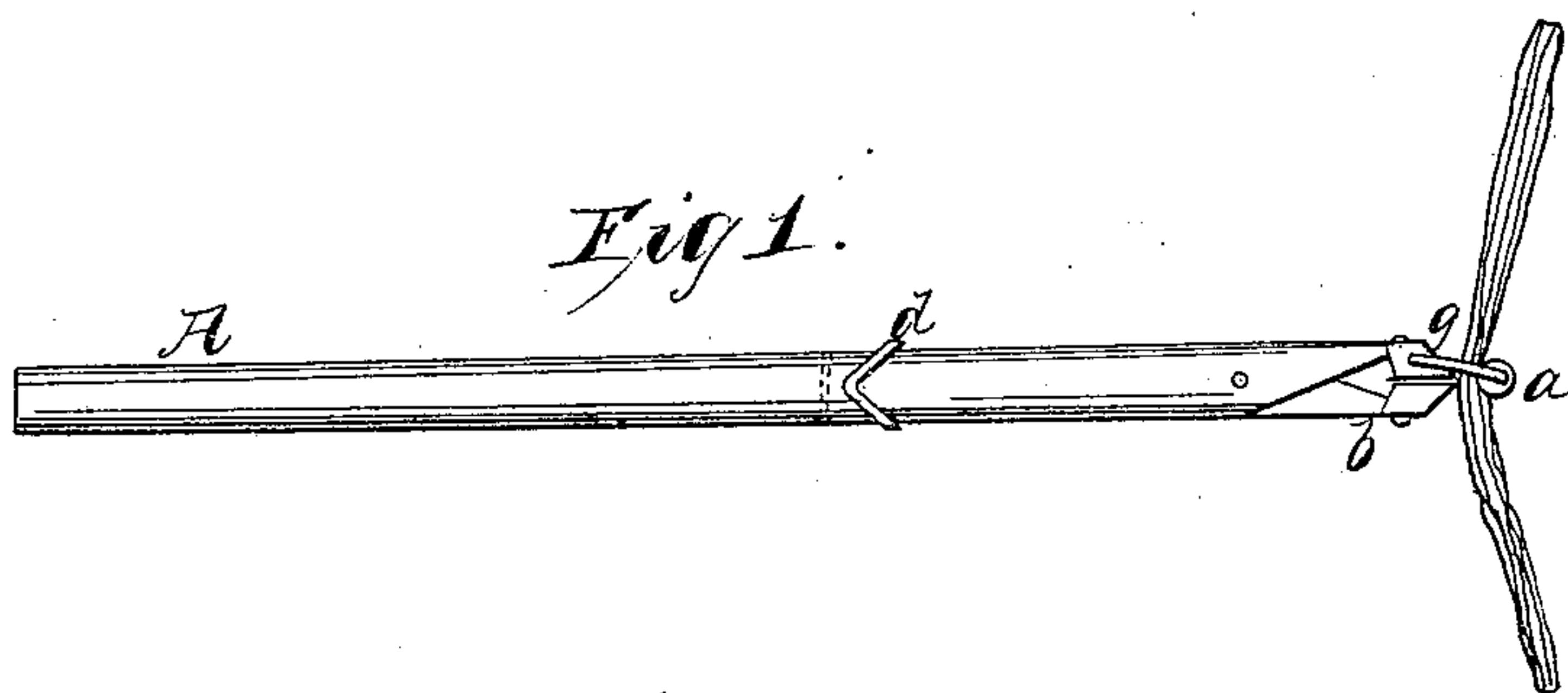


J. Doty, Jr.,
Map Holder.

Nº 29,148.

Patented July 17, 1860.



Witnesses.
CW Franzoni
M. H. Goodridge

Inventor
James Doty

UNITED STATES PATENT OFFICE.

JAMES DOTY, JR., OF WESTFALLS, NEW YORK.

MOP-HEAD.

Specification of Letters Patent No. 29,148, dated July 17, 1860.

To all whom it may concern:

Be it known that I, JAMES DOTTY, Jr., of Westfalls, in the county of Erie and State of New York, have invented certain new and
5 useful Improvements in Mop-Heads; and I do hereby declare that the following is a full, clear, and exact description of the same, reference being had to the annexed drawings, and to the letters of reference marked there-
10 on, in which—

Figure (1) is a longitudinal view showing the invention complete and ready for use. Fig. (2) is a view of the same nature showing the jaws open, ready to receive the
15 mop.

The nature of my invention consists in the employment of the pivoted lever, as shown, together in the combination of the same with other devices, the peculiarities of
20 which will be fully and amply set forth.

To enable others skilled in the art to make and use my invention I will now proceed to describe its construction and operation.

A represents the staff with a head on its
25 end, as shown in both figures. Said staff is provided with a mortise, in which is pivoted the lever (b). The end of this lever has also a head similar to the one on the staff. Thus when the lever is down, the two heads
30 fit closely together.

(a) is a roller secured to the head on the staff by means of the loop (g). There should be some spring in said loop to enable the mop to be passed between the roller (a) and the head on staff (A). Thus it will be
35 seen that this roller subserves two important ends—that of rendering the machine more easily operated and at the same time assists in holding the mop.

(d) represents a link, which slips over the
40 end of the lever (b), when forced down upon the mop, and holds it in its proper place. It should be stated that the head on the end of the lever (b) must extend a little over that on the staff, as by this means, the roller
45 (a) when pressed against the floor will be prevented from flying up and retarding the operation of the machine.

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

The lever (b) and staff (A) in combination with roller (a) and link (d) substantially as and for the purpose herein specified.

JAMES DOTY, JR.

Witnesses:

ASA H. DOTY,
NELSON PERKINS.