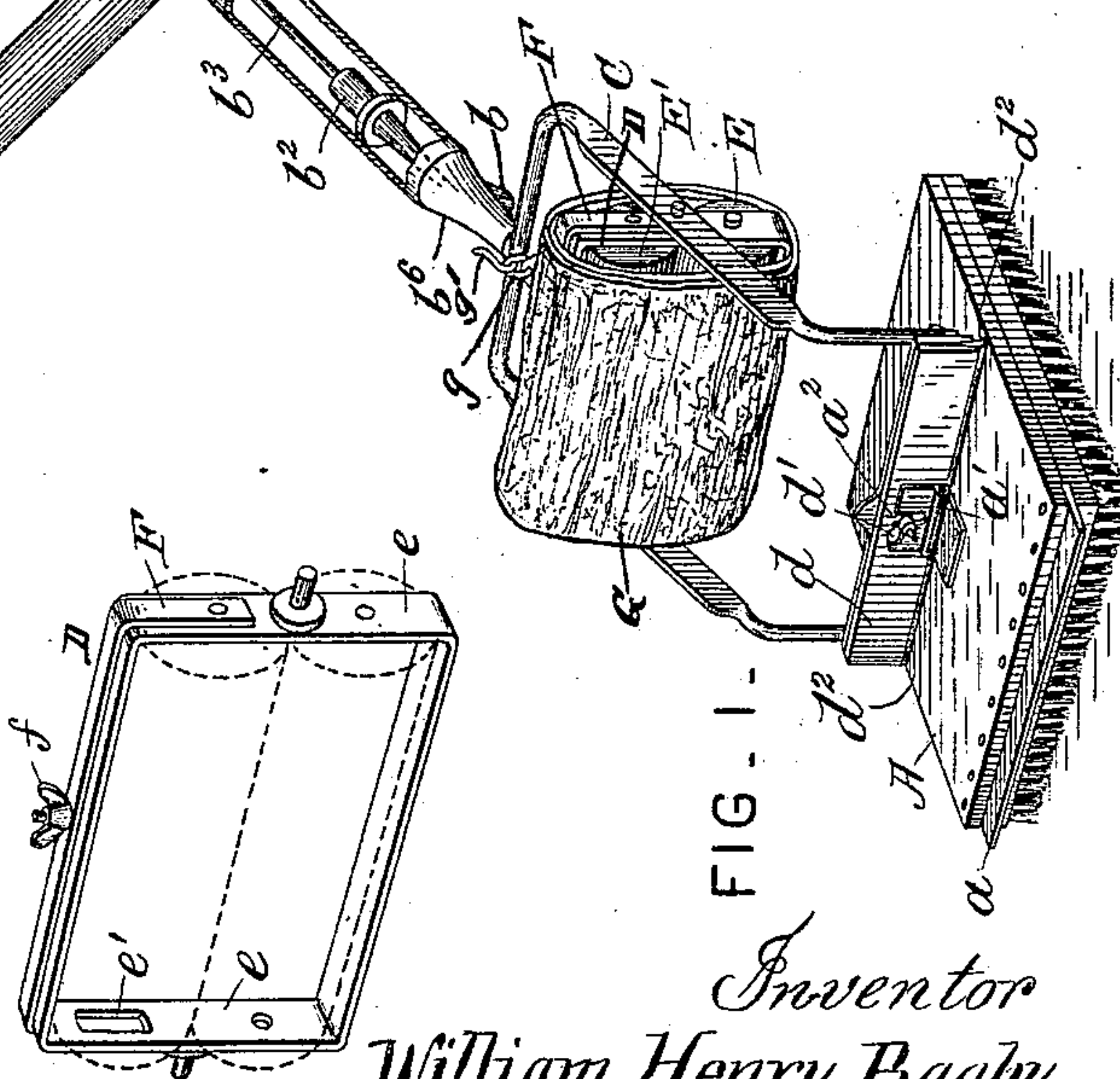
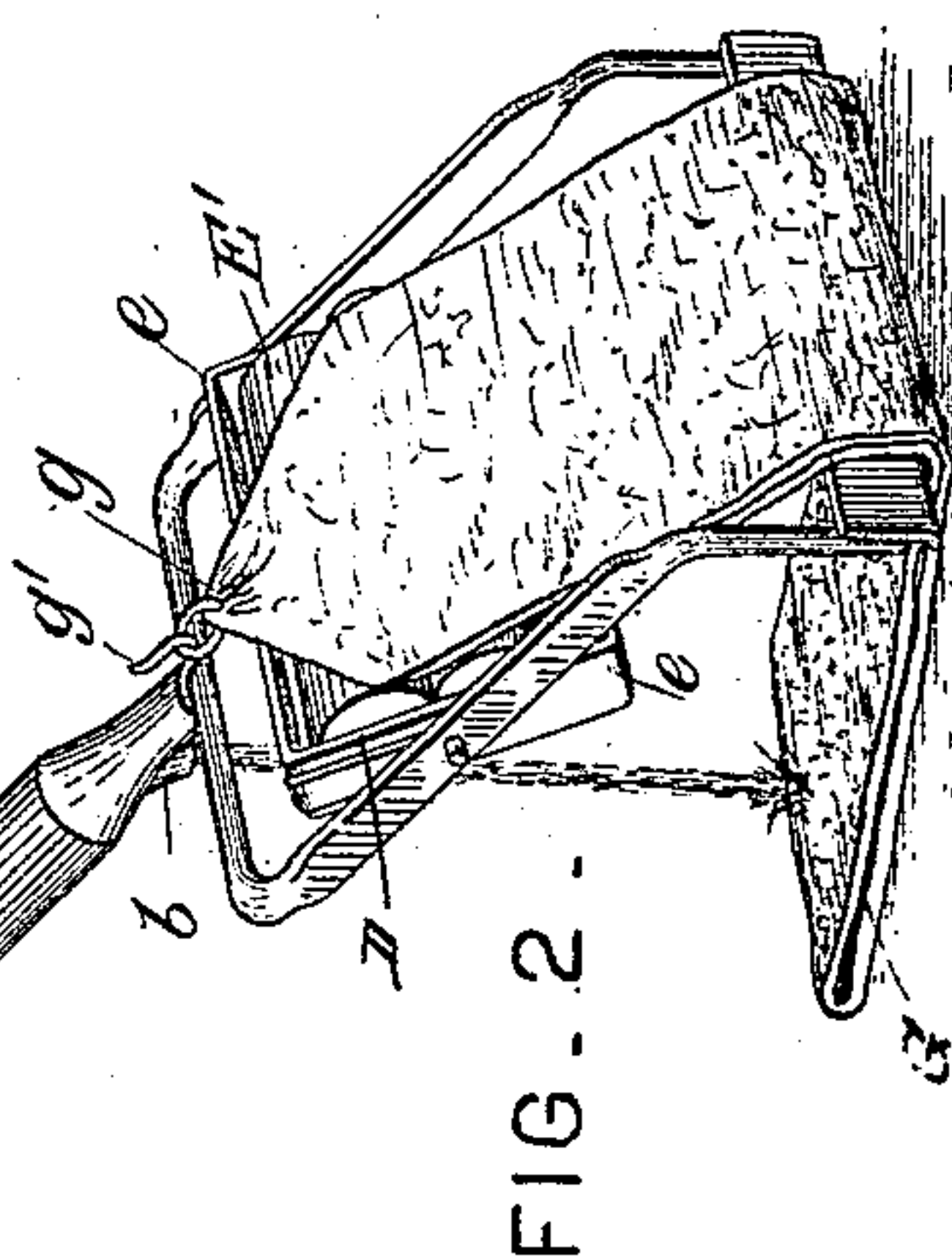
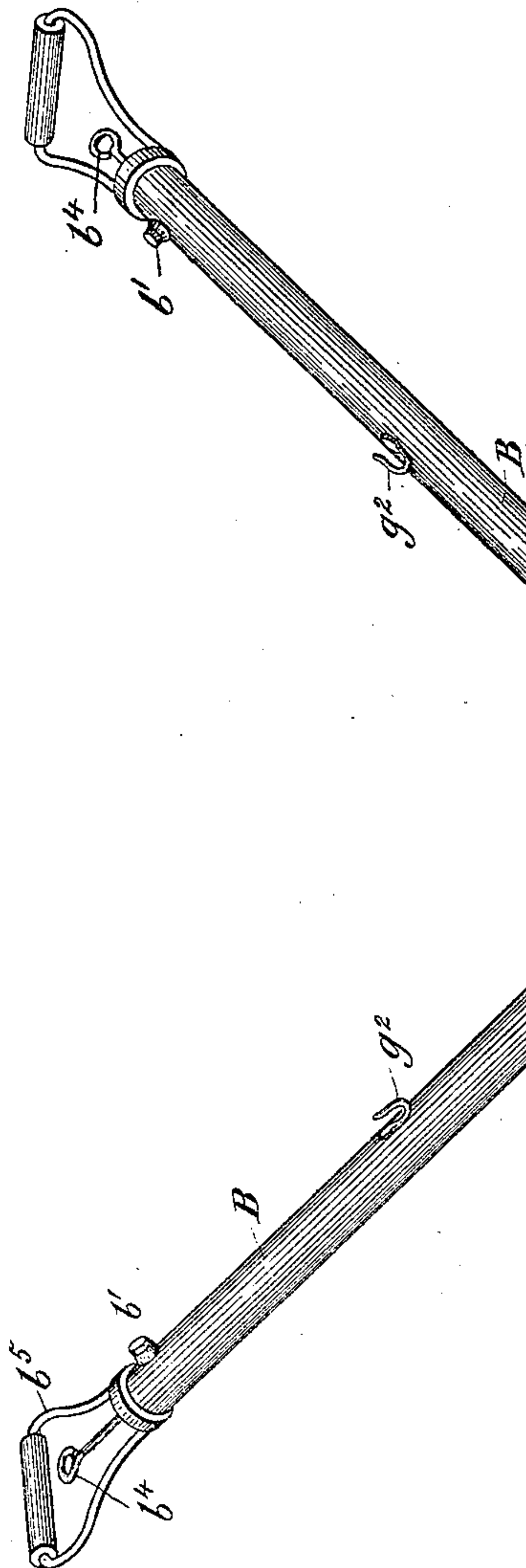
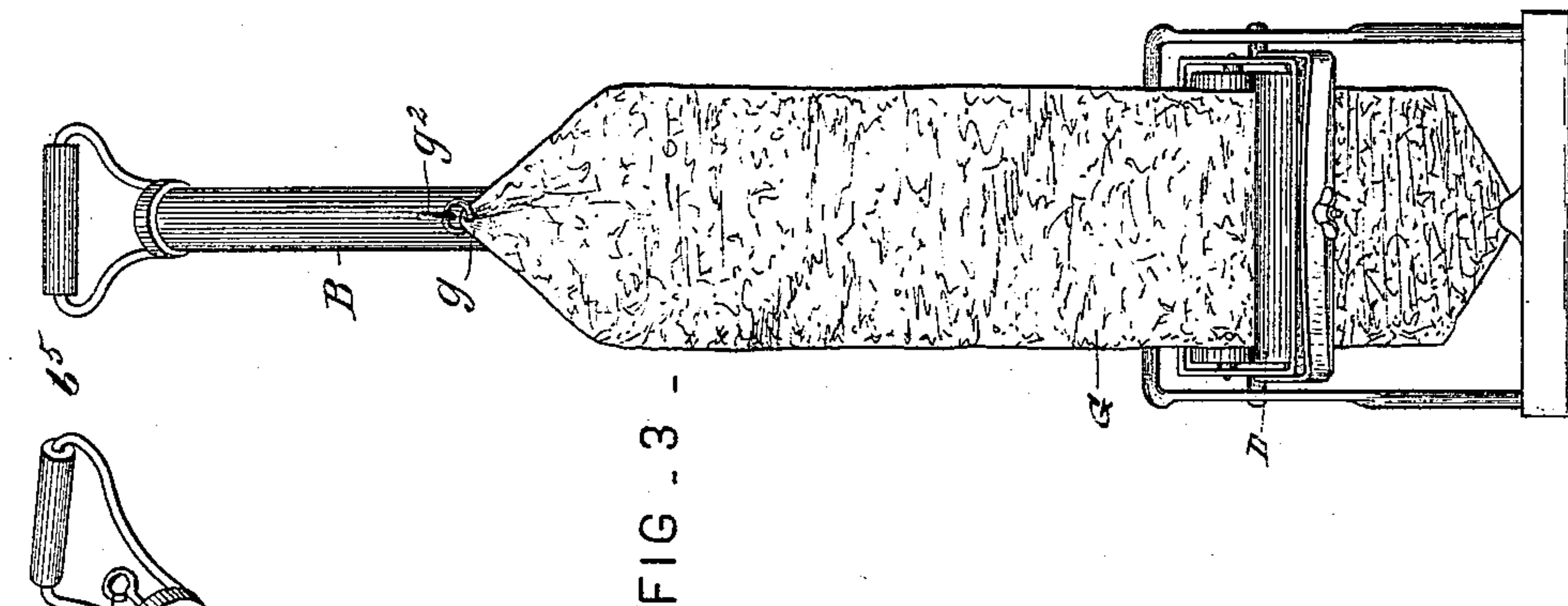


(No Model.)

W. H. BAGBY.  
CONVERTIBLE MOP AND BRUSH.

No. 449,658.

Patented Apr. 7, 1891.



Attest:  
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Attys.



# UNITED STATES PATENT OFFICE.

WILLIAM H. BAGBY, OF WACO, TEXAS.

## CONVERTIBLE MOP AND BRUSH.

SPECIFICATION forming part of Letters Patent No. 449,658, dated April 7, 1891.

Application filed June 3, 1890. Serial No. 354,110. (No model.)

*To all whom it may concern:*

Be it known that I, WILLIAM HENRY BAGBY, a citizen of the United States, residing at Waco, in the county of McLennan and State of Texas, have invented certain new and useful Improvements in Convertible Mops and Brushes; and I do hereby declare the following to be a full, clear, and exact description of the invention, such as will enable others skilled in the art to which it appertains to make and use the same, reference being had to the accompanying drawings, and to letters of reference marked thereon, which form a part of this specification.

This invention pertains to an improved convertible mop and brush, having for its object the combination, in a single device, of a brush, a mop, a mop-wringer, and a fountain-handle; and the invention comprises the detail construction, combination, and arrangement of parts, substantially as hereinafter fully set forth, and particularly pointed out in the claims.

In the accompanying drawings, Figure 1 is a view in perspective of my invention, the fountain-handle being partially in section. Fig. 2 is a similar view with the brush removed. Fig. 3 is a front elevation of the mop extended through its wringer. Fig. 4 is a view of the wringer-frame, showing the rollers in dotted lines.

Referring to the drawings, A designates the brush, in a groove of the front edge of which is placed a rubber strip  $a$ .  $a'$  is a two-part hinge secured to top of brush A and provided with a central slot  $a^2$ .

B is the fountain-handle, having an outlet or opening  $b$ , a supply-opening  $b'$ , and a valve  $b^2$ , operated by a rod  $b^3$ , having an outer handle or ring  $b^4$ , by which the valve is operated. A bail or handle  $b^5$  is secured to the outer end of the fountain-handle. The lower reduced end of the fountain-handle B is secured in a ferrule  $b^6$  of a bail or frame C, having a lower vertical or angular portion  $d$ , carrying a thumb-screw  $d'$ , which is projected through slot  $a^2$  of hinge  $a'$ . By tightening this screw the brush is firmly secured to the bail or frame C. A rubber strip  $d^2$  is also secured to the lower edge of the angular portion  $d$  of frame C.

D is the wringer, whose frame  $e$  is pivotally mounted at its ends in frame C, so as to be free to revolve therein. The wringer comprises two rollers  $E E'$ , the former being journaled in frame  $e$  and the latter having its end journals projected through slots  $e'$  of said frame and secured to the side arms of a tension-spring F. This spring is connected by a central thumb-screw  $f$  to frame  $e$ , so as to regulate the tension on roller  $e'$ . The mop C, when not in use, is wound around the wringer-frame, and its ends are provided with loops  $g$  for engagement with a hook  $g'$  of frame C when in use and a hook  $g^2$  of handle B when extended between the wringer-rollers.

In practice the fountain-handle is first supplied with water, which is permitted to escape through the outlet-opening by operating valve  $b^2$ . In this manner water is supplied to the floor, after which the same can be scrubbed by brush A and by removing the latter the mop can be brought into use and the water and dirt readily mopped from the floor. By passing one end of the mop between the rollers and drawing the same there-through the contents of the mop is readily removed, and the same will quickly dry by being extended and secured at its outer end, as shown.

I claim as my invention—

1. The combination of the brush having a slotted hinge, and the fountain-handle having the bail or frame provided with a thumb-screw for connecting said brush and handle, substantially as set forth.

2. The combination of the fountain-handle, the bail or frame, the mop-wringer secured therein, and the mop, substantially as set forth.

3. The combination of the fountain-handle having a bail or frame provided with a hook, the mop-wringer journaled in said bail or frame, and the mop having loops or rings at its ends to engage said hook, substantially as set forth.

4. The combination of the fountain-handle having a hook, as  $g^2$ , and a bail or frame, the mop having loops at its ends, and the mop-wringer consisting of the frame journaled in said bail or frame, the two rollers, one of

which is adjustable, and the spring connected to said latter roller, substantially as set forth.

5 5. The combination of the fountain-handle, the bail or frame secured thereto and provided with a rubber strip at its lower edge, and the mop secured to said bail or frame, substantially as set forth.

In testimony whereof I affix my signature in presence of two witnesses.

W. H. BAGBY.

Witnesses:

J. M. KILLOUGH,  
A. J. PEVILLE.