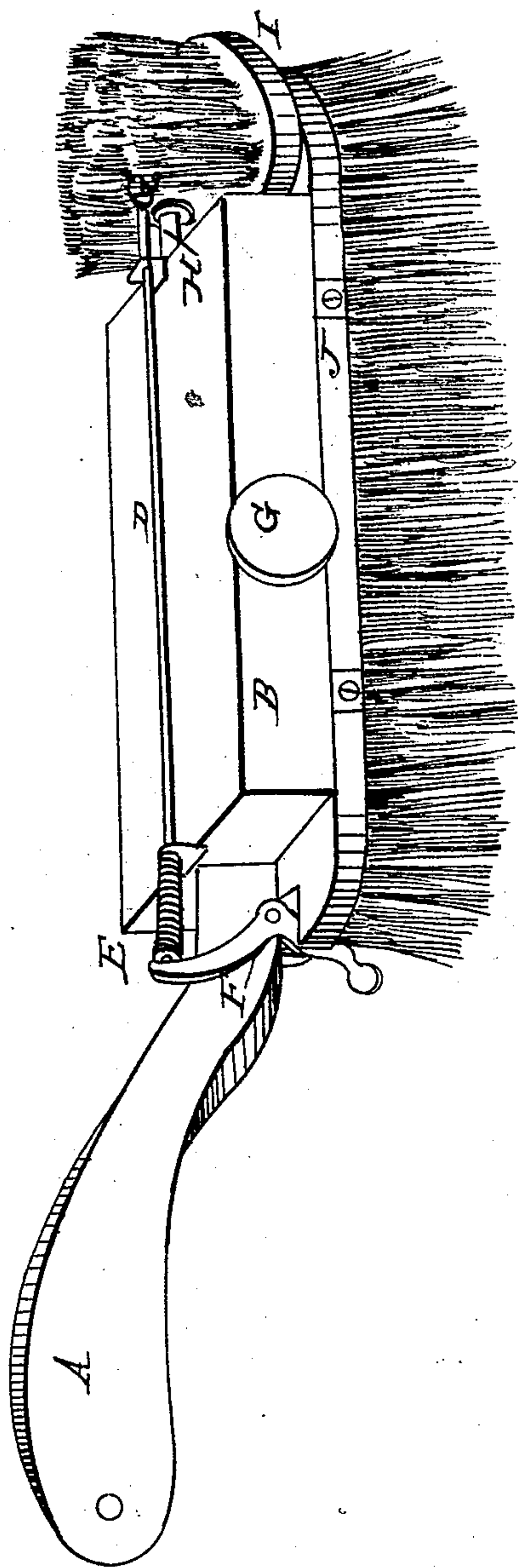


F. HATCH.

Combined Blacking Brush and Box.

No. 60,511.

Patented Dec. 18, 1866.



Witnesses
George Howard
Henry D. Fuley.

Inventor
F. Hatch

United States Patent Office.

IMPROVEMENT IN COMBINED BLACKING BRUSH AND BOX.

FRANK HATCH, OF LA CROSSE, WISCONSIN.

Letters Patent No. 60,511, dated December 18, 1866.

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

Be it known that I, FRANK HATCH, of La Crosse, in the county of La Crosse, and State of Wisconsin, have invented a new and useful article for blacking boots—an adjustable and attachable Liquid-Blacking Reservoir—attachable to any ordinary blacking brush; and I do hereby declare that the following is a full, clear, and exact description of the construction and operation of the same, reference being had to the annexed drawings, making a part of this specification, in which—

Figure 1 (one) is a perspective view.

Letter A is the handle of the brush; letter B is the reservoir, attachable to any brush by straps of tin or other material; letter C is an opening in the side of the reservoir covered by a thumb-screw or filled with a cork; letter D is a wire rod, running on top of the reservoir through rests at each end; letter E is a spiral spring, placed on the end of the wire rod, secured by a nut; letter F is a lever or trigger, attached to the handle of the brush in such manner as to press against the spiral spring; letter G is a valve, attached to the rod that runs on top of the reservoir in such manner as to cover the end of a discharging-spout hereinafter named; letter H is a discharging-spout for the reservoir; letter I is the swab brush; letter J is the polishing brush. The liquid-blackening reservoir will be constructed of any materials that can be used without departing from my invention.

The operation of the liquid-blackening reservoir is as follows, (when attached to any blacking brush:)

Take a firm hold of the handle A; turn the brush so that the reservoir B comes next to the boot; let the swab brush I rest on any part of the boot where you wish blacking applied; let the thumb press upon the lever F with sufficient force to move the spring E, which forces the valve G to open and allow the blacking to flow on to the swab brush I, where it is applied to the boot. The pressure of the thumb upon the lever will be understood to govern the application of blacking in proportion to the length of time the operator holds the valve open. When a sufficient quantity of blacking is applied, and properly spread by use of the swab brush I, turn the brush over and use the polishing brush J to complete the work.

By the invention of this adjustable and attachable liquid-blackening reservoir, that can be attached to any blacking brush by straps of tin, it affords the public the advantage of a great convenience at small expense, as but slight alteration is required to place it upon any kind of brush.

What I claim as my invention, and desire to secure by Letters Patent, is—

The combination of an adjustable and attachable liquid-blackening reservoir, as set forth in specification and drawings accompanying my application.

FRANK HATCH.

Witnesses:

GEORGE HOWARD,
HENRY D. FIELD.