

No. 690,850.

Patented Jan. 7, 1902.

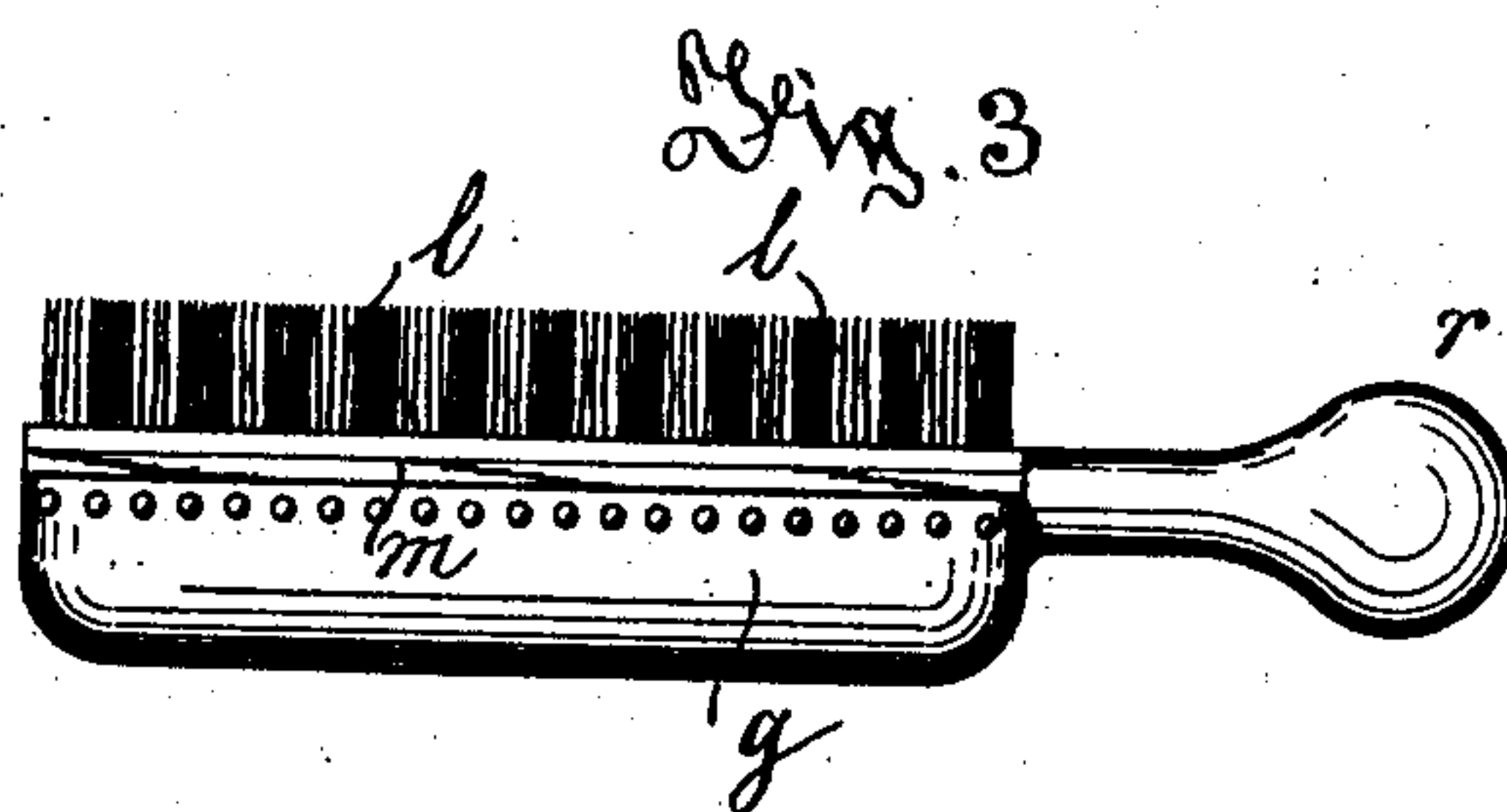
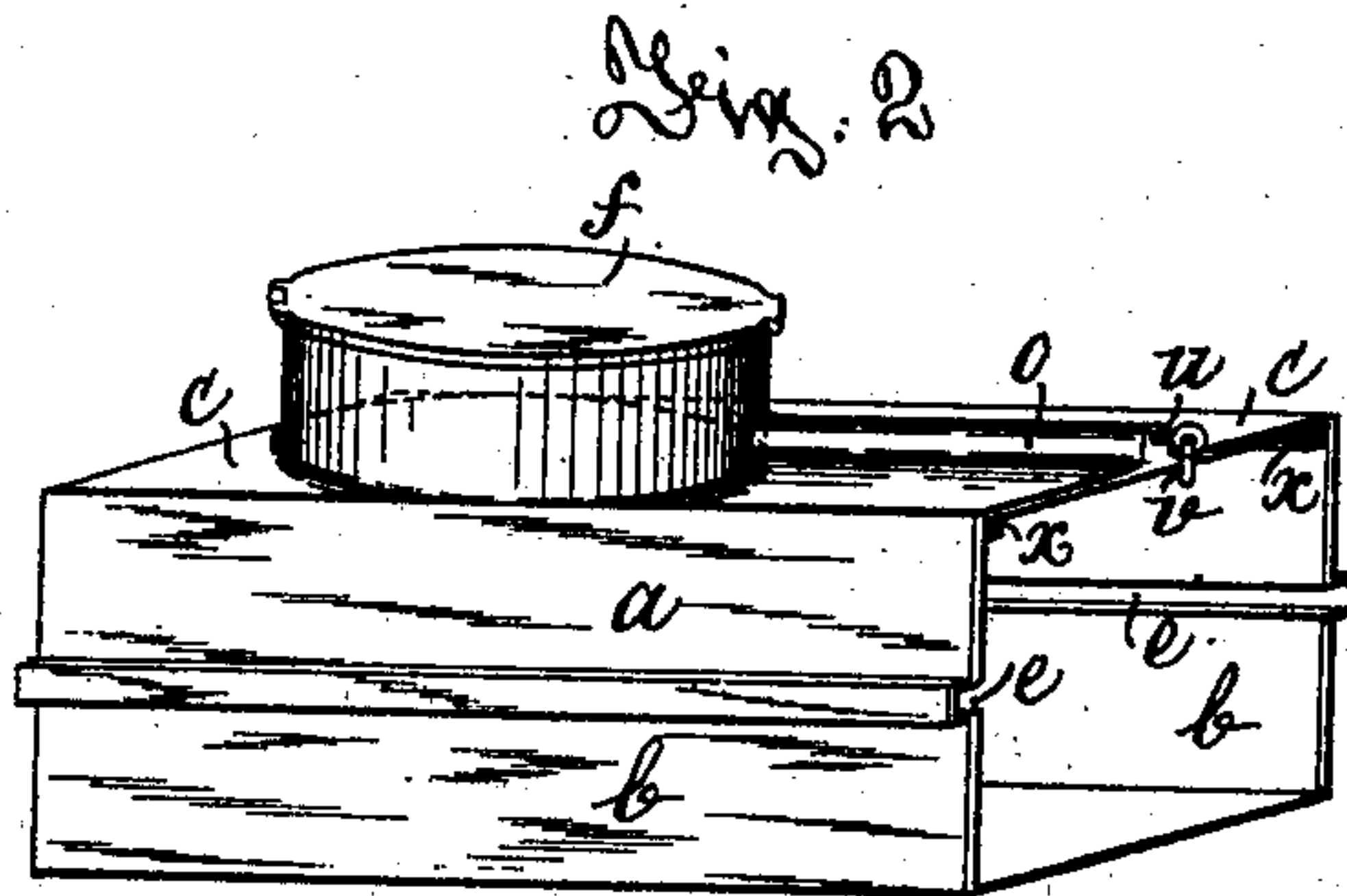
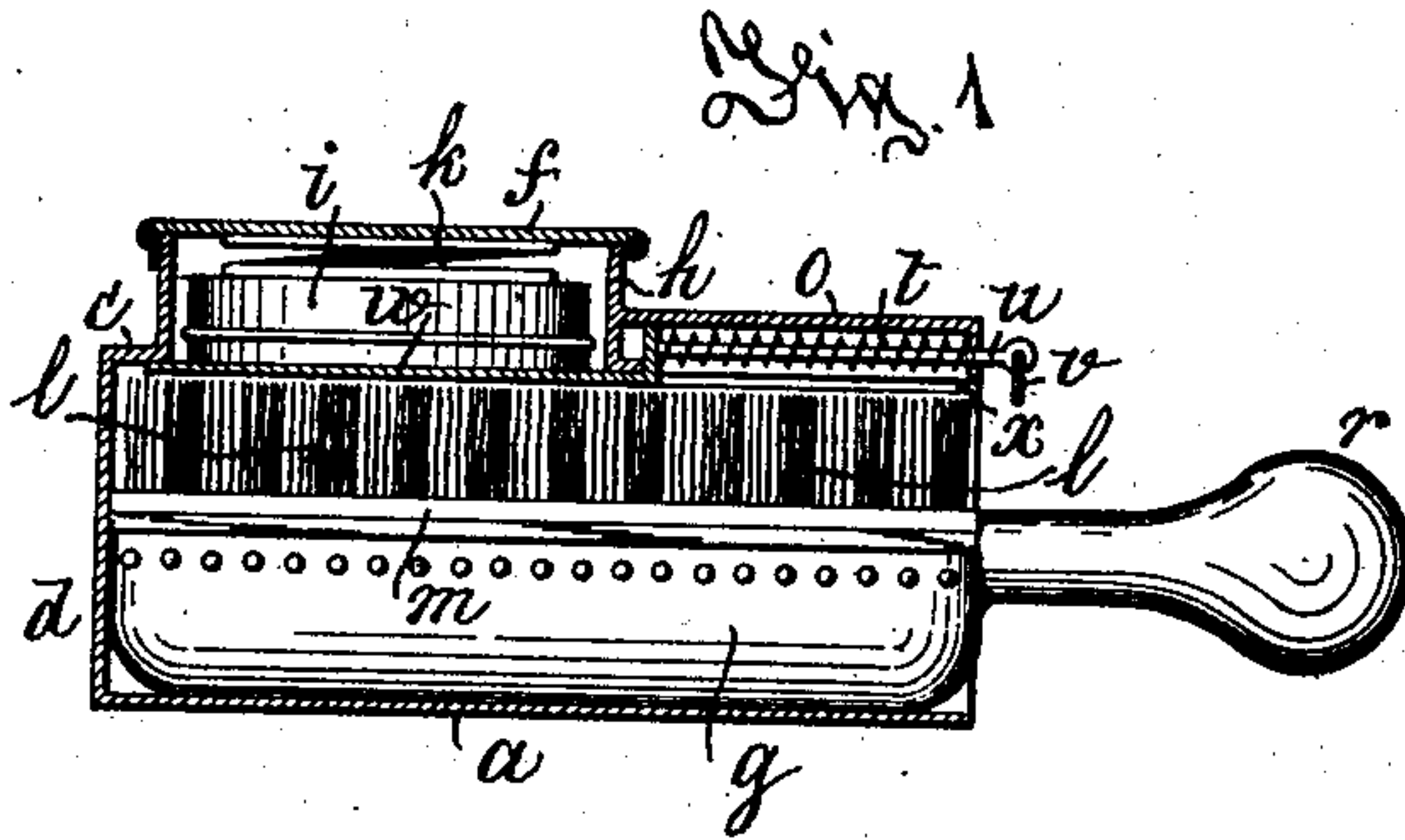
F. GIBBERD.

DEVICE FOR BLACKING OR COLORING BOOTS OR SHOES.

(Application filed Apr. 12, 1901.)

(No Model.)

2 Sheets—Sheet 1.



Witnesses:
Stephen Kinton
Fred Engler

F. Gibberd
by Wilkinson & Fisher
Attorneys.

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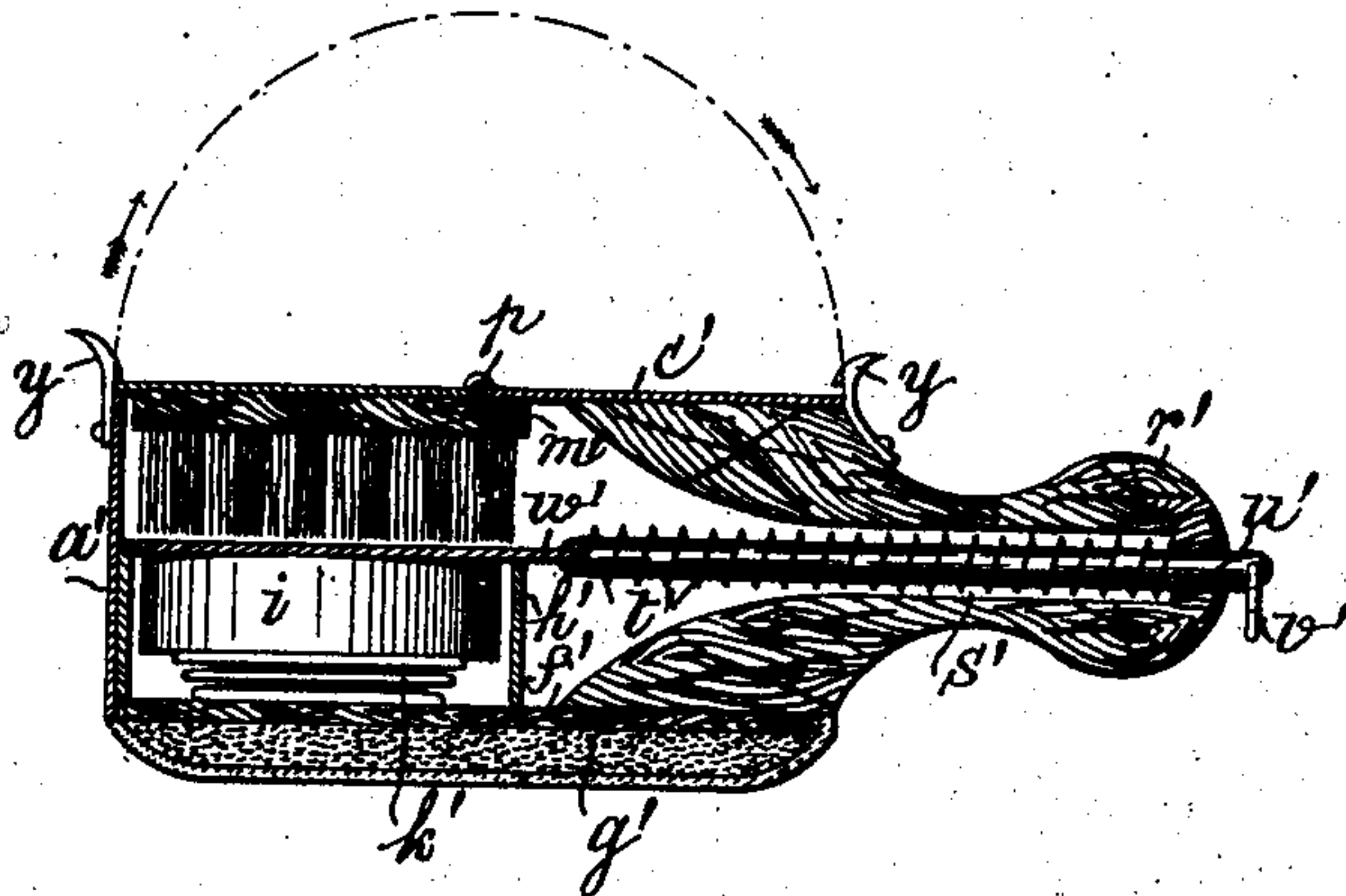
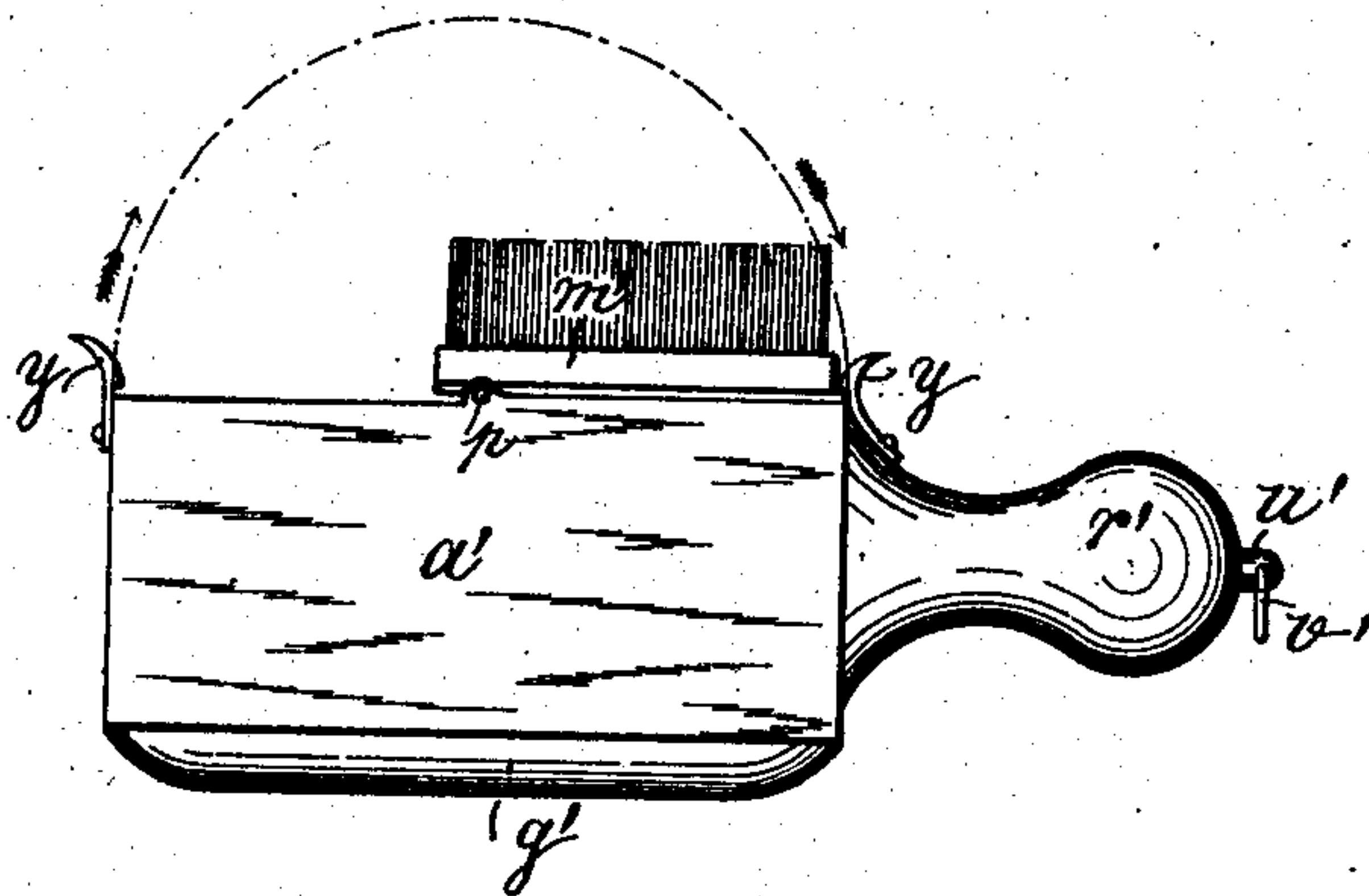


Fig. 5



Witnesses:
Stephen Ginta.
Fred English.

Greenwood
Fred Hibbard
By Wilkinson & Fisher
Attorneys

UNITED STATES PATENT OFFICE.

FRED GIBBERD, OF UPPER NORWOOD, ENGLAND.

DEVICE FOR BLACKING OR COLORING BOOTS OR SHOES.

SPECIFICATION forming part of Letters Patent No. 690,850, dated January 7, 1902.

Application filed April 12, 1901. Serial No. 55,527. (No model.)

To all whom it may concern:

Be it known that I, FRED GIBBERD, a subject of the King of Great Britain, residing at Upper Norwood, in the county of Surrey, England, have invented a new and useful Device for Blacking or Coloring Boots or Shoes; and I hereby declare the following to be a full, true, 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.

My invention relates to improvements in portable apparatus for blacking or coloring boots and shoes; and the objects of my improvements are, first, to provide means for automatically applying blacking or coloring material to the bristles of a brush when required; second, to enable the brush to be withdrawn from contact with the receptacle containing the blacking or color and to be used upon the boots or shoes in the usual way, and, third, to keep the brush inclosed and free from dust or dirt when not in use. I attain these objects by the means illustrated in the accompanying drawings, in which—

Figure 1 is a vertical longitudinal section through the entire device when not in use. Fig. 2 is a perspective view of the case with the brush withdrawn. Fig. 3 is a separate side view of the brush when withdrawn from the case and ready for use. Fig. 4 is a vertical longitudinal section of a somewhat-modified arrangement, in which the brush forms an integral part of the apparatus; and Fig. 5 is a side view of the same.

Similar letters refer to similar parts throughout the several figures.

In Figs. 1, 2, and 3, *a* is a rectangular case entirely closed, except at the back, which is left open, *b b* being the sides, *c* the top, and *d* the front end. *e e* are longitudinal guides in the sides *b b*, in which slide freely the side edges of the back of the brush *m*, the bristles *l* of which are directed upward. *r* is a handle solidly attached to the end of the brush, and *g* is a polishing-pad, of leather or other material, attached to the back of the brush. *h* is a vertical cylindrical tube fixed upon the top of the case around a corresponding opening through the latter, and *i* is a tin or receptacle of blacking or coloring fitting freely in the tube *h* and open below. The top of

the tube *h* is closed by a hinged or other cover *f*, held down by a catch, and between this cover and the blacking-receptacle *i* is a spring *k*, which tends to constantly press the receptacle down. *w* is a sliding shutter, which works in guides *x x* in the sides of the case and is kept closed below the receptacle *i* by a spring *t* in a case or cover *o*, fixed upon the top *c* of the case *a*, the spring *t* acting against a projection at the back edge of the shutter *w*, which passes through a longitudinal slot communicating with the spring-case *o*. *u* is a spindle fixed at one end to the projection upon the shutter and having at its outer end a ring *v*, by which the shutter can be drawn back against the pressure of the spring. When the brush is inserted in its place in the case *a*, the shutter *w* is drawn back by the ring *v* until the spring *t* is fully closed, allowing the shutter *w* to almost entirely uncover the blacking and to allow the receptacle *i* to be pressed down by the spring *k* until the blacking in it comes in sufficient contact with the bristles *l*. The ring *v* is then released, and the shutter *w* is pressed back between the brush *l* and the receptacle *i* by the spring *t*. The brush can then be drawn out of the case and used in the usual way.

In the modification shown in Figs. 4 and 5 the back of the brush *m'* is hinged at *p* to the top *c'* of the case *a'*, and the handle *r'* is fitted and fixed into the open back of the case. The tube *h'* for the blacking-receptacle *i* is fixed upon the bottom *f'* of the case *a'*, the spring *k'* being arranged below the blacking-receptacle *i*. The sliding shutter *w'* is closed by the spring *t'*, contained in a recess *s'* in the handle *r'*, and is drawn back by the spindle *u'* and ring or knob *v'*. When the bristles of the brush have received sufficient blacking by withdrawing the shutter *w'*, the latter is released and closed, and the brush is turned back upon the hinge *p* into the position shown in dotted lines in Fig. 5, and it can then be used in the ordinary way. The brush is held in its open or closed position by catches *y y*. In order to prevent the slide *w'* to be withdrawn too far, the spring *t'* may be so formed as to completely close when the slide is withdrawn the proper distance, thus acting as a stop, or the slide *w'* itself may strike against

the narrowed wall of the hollowed portion of the case, thus preventing it from being entirely removed from in front of the blacking.

For ordinary boots or shoes the receptacle contains blacking; but for brown or tan ones it is filled with a suitably-colored material, and the device may be used for such articles as gaiters or leather bags, as well as for boots and shoes.

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

15 1. The combination with a portable case, of a movable blacking-brush, a guiding-tube, a loose receptacle for blacking, a spring, a sliding shutter, a spindle on said shutter, and a handle on said spindle, substantially as set forth and shown.

2. The combination with a portable case, of a movable blacking-brush, a guiding-tube, a

loose receptacle for blacking, within said tube, 20 a spring acting on said receptacle for blacking, a sliding shutter, a spring acting on said shutter, a spindle on said shutter and a handle on said spindle, substantially as described.

3. The combination with a portable case, of 25 a hinged blacking-brush, catches for holding said brush, a guiding-tube, a blacking-receptacle, within said guiding-tube, a spring acting on said receptacle, a sliding shutter, a spindle on said shutter, having a handle, 30 and a spring acting on said shutter, substantially as described.

In witness whereof I have hereunto set my hand in the presence of two witnesses.

FRED GIBBERD.

Witnesses:

ARTHUR E. EDWARDS,

HERBERT ARTHUR MARSHALL.