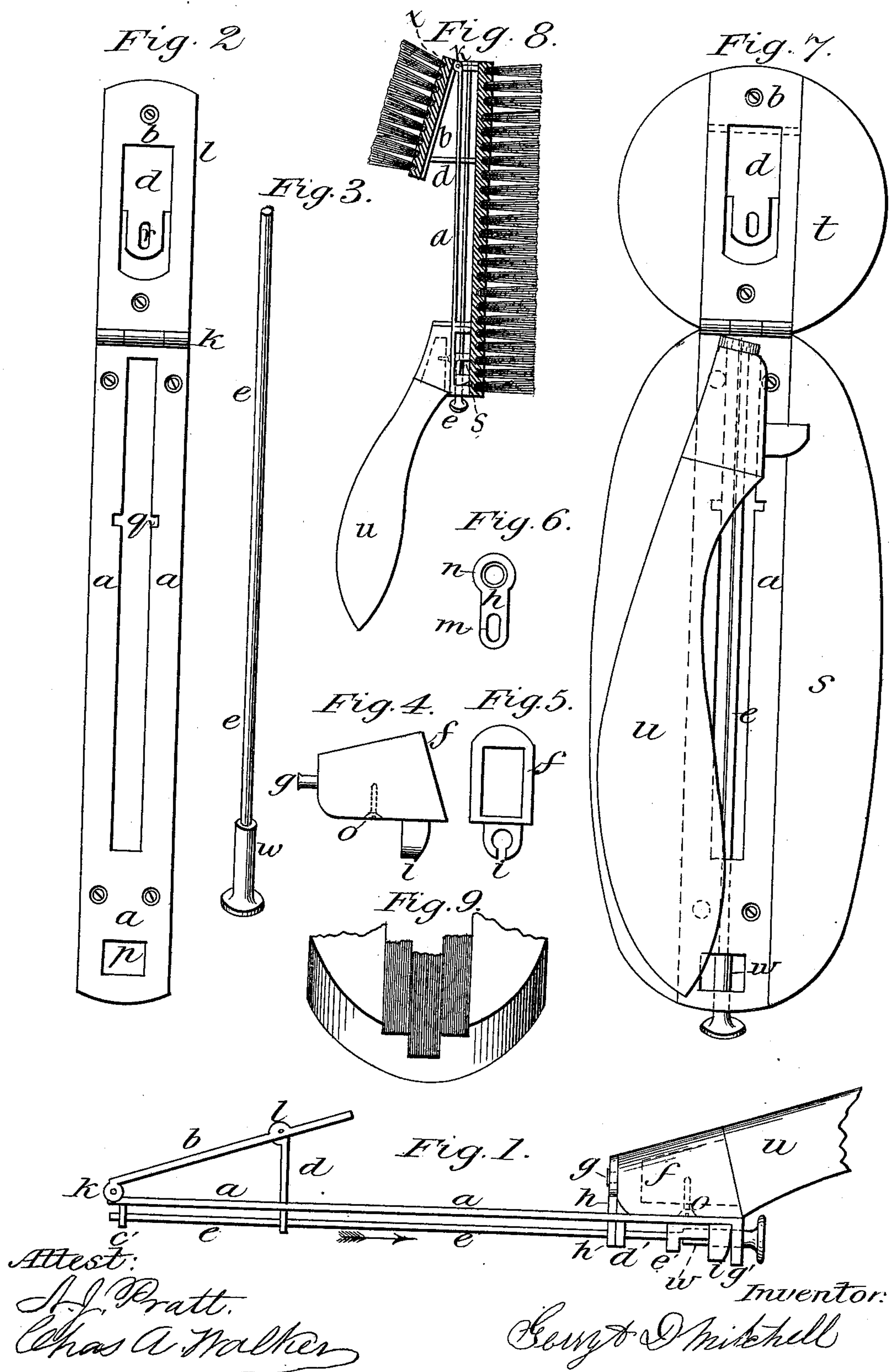


G. D. MITCHELL.
Shoe-Brush.

No. 214,419.

Patented April 15, 1879.



UNITED STATES PATENT OFFICE.

GARRYT D. MITCHELL, OF CHELSEA, MASSACHUSETTS.

IMPROVEMENT IN SHOE-BRUSHES.

Specification forming part of Letters Patent No. **214,419**, dated April 15, 1879; application filed November 6, 1878.

To all whom it may concern:

Be it known that I, GARRYT D. MITCHELL, of Chelsea, in the county of Suffolk and State of Massachusetts, have invented certain new and [useful Improvements in Shoe-Brushes; and I do hereby declare that the following is a full, clear, and exact description of the invention, which 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.

My invention relates to an improvement in shoe-brushes; and consists of a body with an adjustable or hinged inker-brush and handle provided with suitable locking devices, by which the parts may be held securely in position for use; or, if desired, the parts may be readily detached or folded together, so as to occupy the least possible space.

To enable others skilled in the art to make and use my invention, I will proceed to describe its construction and operation with reference to the drawings, in which similar letters of reference in the different views indicate corresponding parts.

Figure 8 represents a side elevation of my invention. *s* represents the body of the brush; *t*, the inker or paste brush; *u*, the handle. This view represents my invention ready for use, the inker-brush *t* and handle *u* being held in the position shown by the locking devices, which I will proceed to describe.

A suitable grooved metallic plate, preferably of the form shown at *a*, Fig. 2, is attached to or secured in the upper surface of the body of the brush *s*, Fig. 8. The metallic plate *b*, with a supporting-tongue, *d*, is hinged to one end of plate *a* by pin *K*. The inker-brush *t* is secured to the plate *b*, as shown in Fig. 8. The handle *u* is provided with a metallic cap or socket, *f*, of the form shown in side elevation in Fig. 4, and end view, Fig. 5. A rod, *e*, passing through suitable bearings *e'* *d'* *e'* *g'* on plate *a*, and opening *r* in tongue *d*, *m* in lip *h*, and groove *i* in socket *f*, hold the handle and inker-brush firmly locked in position for use.

When it is desired to fold my invention for packing, the rod *e* is drawn out in the direction indicated by arrow in Fig. 1 until the end

has passed the opening in tongue *d*, when the large part *w* of rod *e* will have left the groove *i*. The inker-brush may be folded out parallel with the brush. The tongue *d*, swinging on the pin *l*, is also folded flat on the surface of *b*. The handle *u* is now raised (the socket *f* being loosely attached to rod *e* by connecting-link *h*, turning pivot *g*) until the projecting lip containing the groove *i* is disengaged from the opening *p*, when (the rod *e* being pushed back into its first position) the handle may be turned and pushed along until it lies upon and within the rear of the body of the brush *s*, as shown in plan view at Fig. 7.

If desired, the handle *u* may be of cast metal, when the lips and projections of the socket *f* would form a part of the same.

I am aware that brushes have been constructed wherein the handles are adjustable to the extent that they might be detached or combined; but I am not aware of the existence of a brush so constructed that the handle and inker or paste brush may be securely held in position for use by means of a pin-hook or other suitable locking device, so arranged as to enable the parts to be disposed to occupy the least possible space.

As there are many well-known mechanical devices which may be substituted for the locking devices shown in my invention, I do not propose to confine my claims to the specific devices shown.

What I wish to secure by Letters Patent, and claim, is—

1. The combination of the hinged inker-brush *t*, brush *s*, and separable handle *u* with the locking devices, constructed substantially in the manner and for the purpose herein shown and described.

2. The hinged inker-brush *t*, with its tongue *d*, in combination with the body-brush *s* and rod *e*, operating substantially in the manner and for the purpose shown and described.

In testimony that I claim the foregoing as my own invention I affix my signature in presence of two witnesses.

GARRYT D. MITCHELL.

Witnesses:

A. J. PRATT,

CHAS. A. WALKER.