

J. H. GRAFFLIN.
SHOE BRUSH.
APPLICATION FILED MAY 22, 1907.

912,115.

Patented Feb. 9, 1909.

Fig. 1.

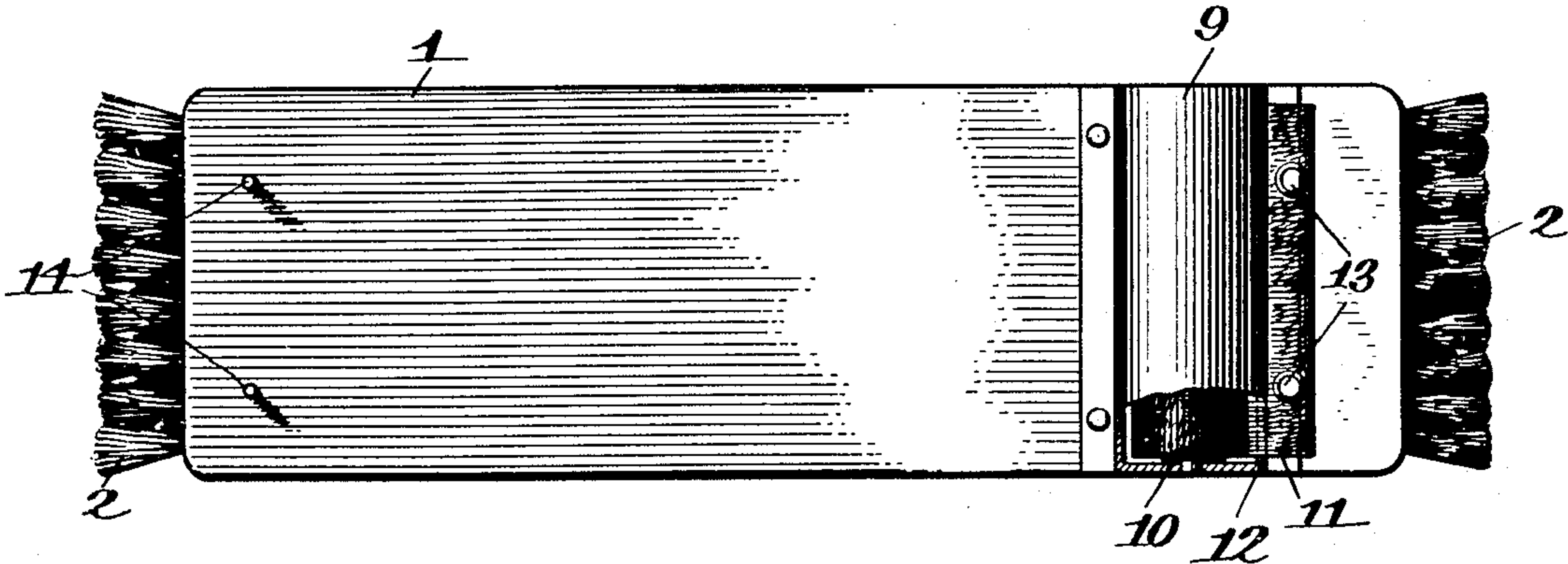


Fig. 2.

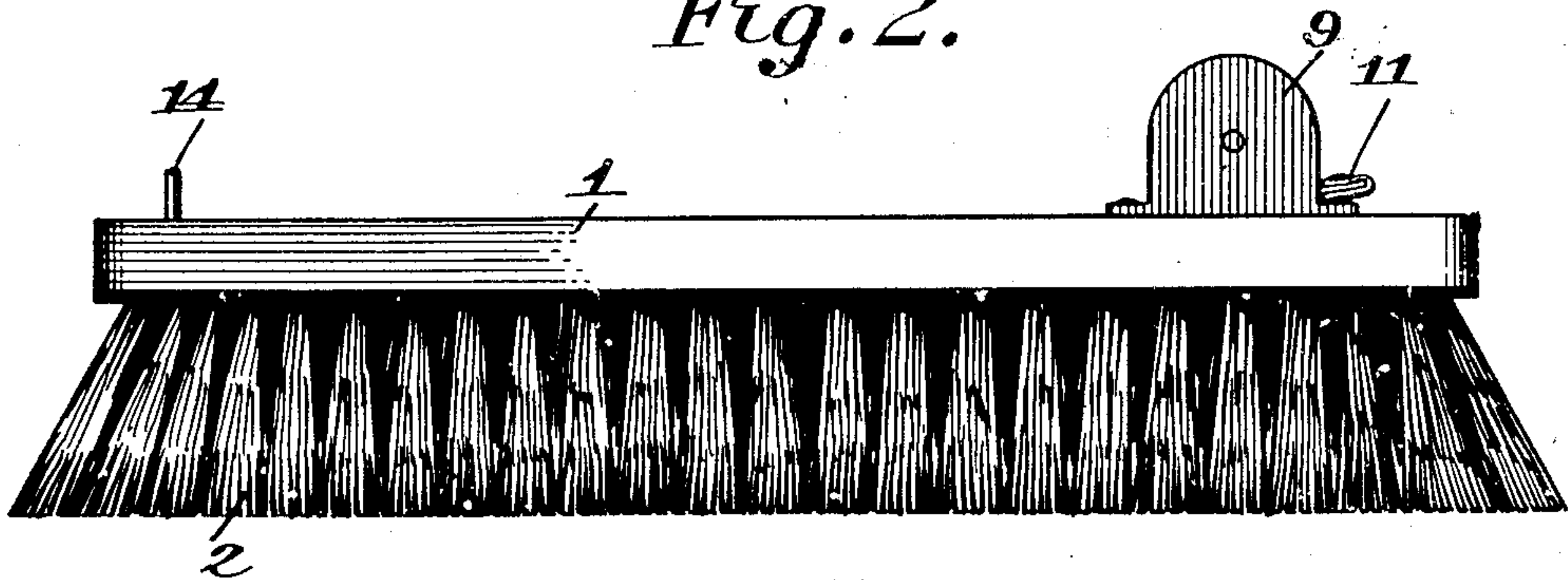


Fig. 3.

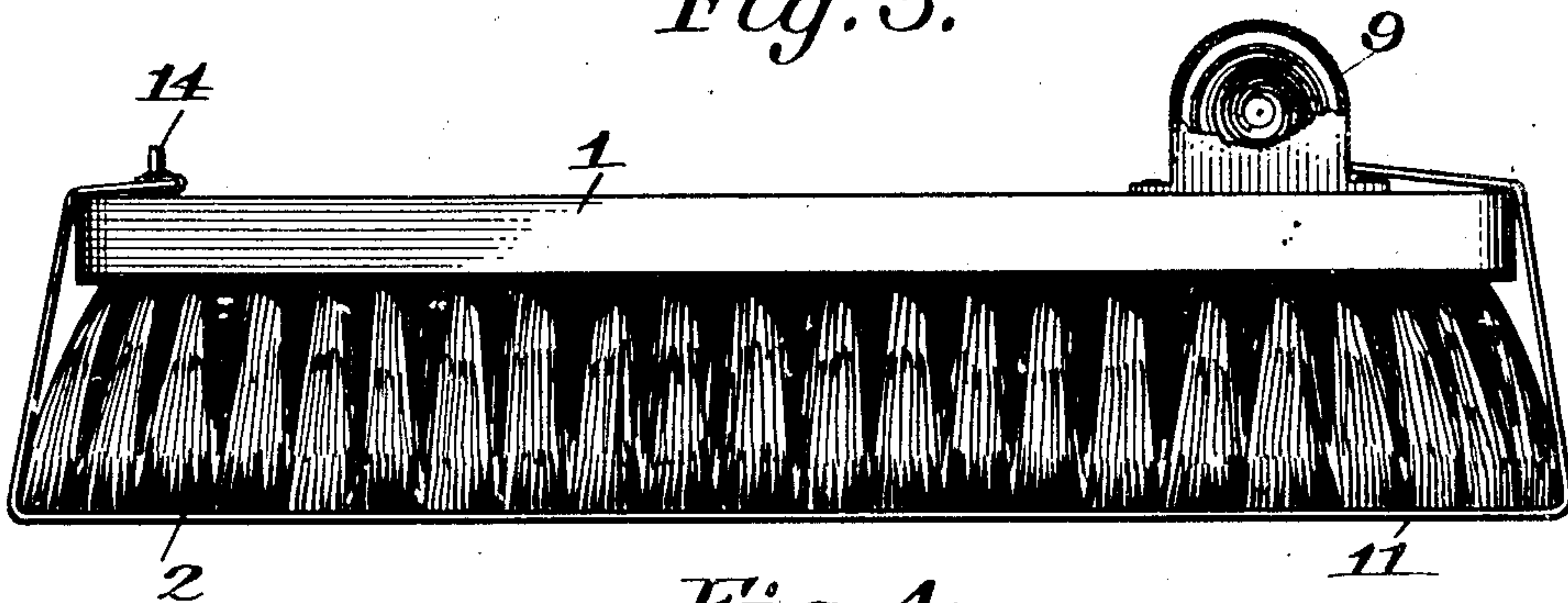
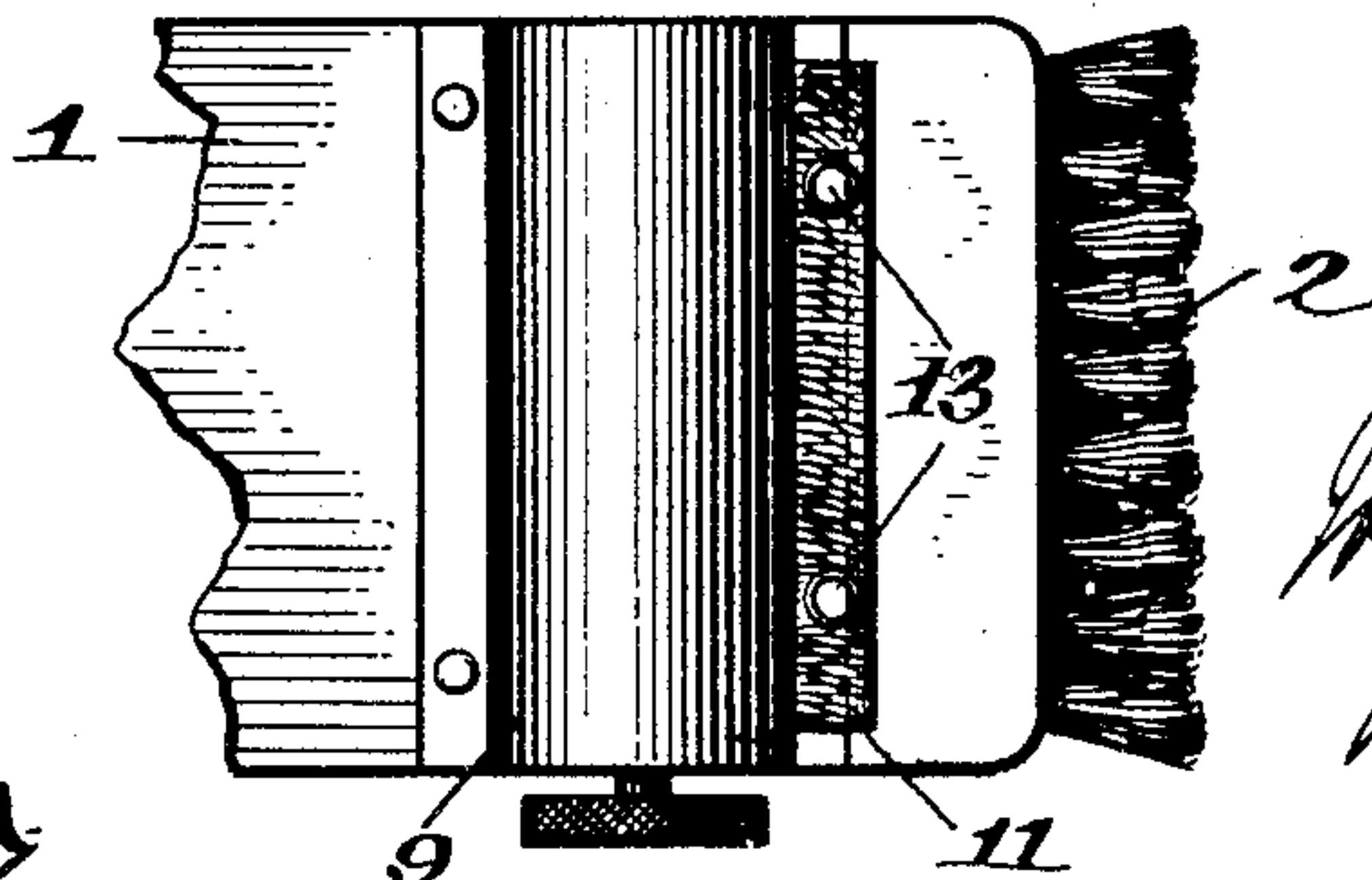


Fig. 4.



Witnesses:
E. B. Bull
Charles Lowell Howard

Inventor:
J. H. Grafflin,
by J. H. W. J. Howard,
Attorney

UNITED STATES PATENT OFFICE.

JOHN H. GRAFFLIN, OF BALTIMORE, MARYLAND.

SHOE-BRUSH.

No. 912,115.

Specification of Letters Patent.

Patented Feb. 9, 1909.

Application filed May 22, 1907. Serial No. 375,103.

To all whom it may concern:

Be it known that I, JOHN H. GRAFFLIN, a citizen of the United States, residing at Baltimore, in the State of Maryland, have invented new and useful Improvements in Shoe-Brushes, of which the following is a specification.

My invention relates to a shoe brush or polisher in which are combined bristles which may be used for the preliminary work of dusting off or cleaning the shoe, or only in polishing, or in both operations, and a cloth or other flexible material adapted to be used in the final act of polishing. The cloth is also preferably wound within a casing and upon a spring roller and is adapted to be drawn from the casing, carried over or under the bristles and secured at the back of the brush, so that after the cloth has been used for its special purpose it will, on being released, be automatically returned to its casing. The bristles are given a special setting fitting them to receive and form a cushion for the cloth or flexible material.

Other features in my improved device, together with the advantages pertaining to its use, will be hereinafter described; and the invention is more specifically set forth in the claims hereto appended.

In the accompanying drawing, Figure 1 is a top view of the brush showing its back with the cloth or flexible material confined within its casing. Fig. 2 is a side view of Fig. 1. Fig. 3 is a side view showing the cloth drawn from the casing and secured at the opposite end of the brush back. Fig. 4 shows a modification.

Similar numerals of reference indicate similar parts in the respective figures.

1 represents the back of a shoe brush which may be of any ordinary or approved construction, and 2 the bristles. Near one end of the brush is a casing 9 of metal or other material, the casing being secured to the back in any suitable manner; and within the casing and running axially thereof is a spring roller 10 of the type commonly used for automatically operating window curtains, to which roller is secured one end of a cloth or flexible material 11 which passes through the slot 12 of the casing and is provided at its free end with an eye or eyes 13.

In the use of the device, when it is desired to employ it either for preliminarily dusting off the shoe or for giving the first polish thereto after the application of the blacking

or polishing substance, it will be understood that the cloth or flexible material 11 is wound upon the spring roller 10 within the casing 9; but when it is intended to give the final polish to the shoe the user takes hold of the end of the cloth 11 projecting from the casing 9, and carries it over the adjacent end of the brush back and under the bristles and lengthwise of the same, and over the bristles at the opposite end of the brush when the eyes 13 are hooked over pins 14 projecting from the back of the brush to receive them.

By reference to Figs. 2 and 3 it will be seen that the bristles at each end of the brush are given an outward angle, this arrangement being intended to cause them to form a flexible backing or support for the cloth 11 when it is in position for use as in Fig. 3. The operator having used the cloth for giving the final polish to the shoe, he will release the eyes 13 from the pins 14, and through the agency of the spring roller 10 the cloth 11 will be automatically drawn back into the casing 9.

The brush may be provided with a handle or not, as desired, and the cloth may not be adapted to be automatically returned, but the roller may be turned by means of a button as in Fig. 4.

Other details of construction may readily suggest themselves to the manufacturer without the exercise of invention.

The brush may obviously be used for blacking, or tan or other polish.

My invention forms a simple, inexpensive and efficient brush for the purpose intended, combining in itself all the requisites for giving the necessary polish to a shoe.

Having thus described my invention, I claim:—

1. In combination, a shoe brush, a cloth or flexible material, a casing secured to the brush, and a roller within the casing upon which the cloth is wound, the cloth being adapted to be drawn from the casing and over and under the bristles and secured to the opposite end of the brush, substantially as set forth.

2. In combination, a shoe brush, a cloth or flexible material, a casing secured to the brush, and a spring roller within the casing upon which the cloth is wound, the cloth being adapted to be drawn from the casing and over and under the bristles and secured to the opposite end of the brush, substantially as set forth.

3. In combination, a shoe brush, a casing secured to the brush, a spring roller within the casing, a cloth or flexible material wound upon the roller and having eyes at its outer
5 end, and pins at the opposite end of the brush, the cloth being adapted to be drawn from the casing and over and under the bristles and secured to the pins at the opposite end of the brush, substantially as set
10 forth.

4. In combination, a shoe brush having bristles the end ones of which project at an outward angle as shown, a cloth or flexible material, a casing secured to the brush, and a
15 spring roller within the casing upon which the cloth is wound, the cloth being adapted to be drawn from the casing and over the outwardly-projecting end bristles at one end, and under the main body of bristles, and
20 over the outwardly-projecting bristles at the opposite end of the brush and to be secured

at that end thereof, substantially as set forth.

5. Combined with a shoe brush having bristles the end ones of which project at an
25 outward angle as shown, a cloth or flexible material, a casing secured to the brush, and a roller within the casing upon which the cloth is wound, the cloth being adapted to be drawn from the casing and over the out-
30 wardly-projecting end bristles at one end, and under the main body of bristles, and over the outwardly-projecting bristles at the opposite end of the brush and to be secured
35 at that end thereof, substantially as set forth.

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

JOHN H. GRAFFLIN.

Witnesses:

E. G. SHIPLEY,
M. I. HUTCHINS.