No. 822,825. PATENTED JUNE 5, 1906.

L. L. CLIPPINGER.

SHOE POLISHING DEVICE.

APPLICATION FILED DEC. 31, 1904. RENEWED MAY 2, 1906.

Fig. 1.

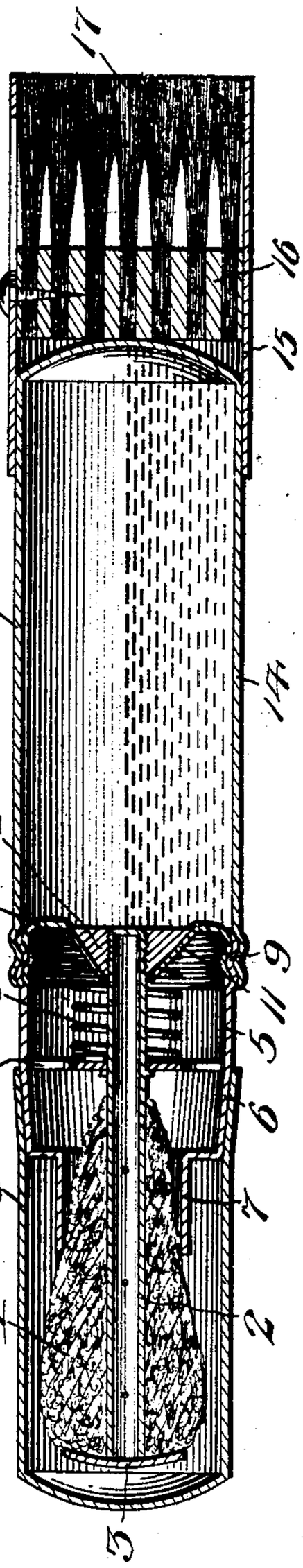


Fig. 2.

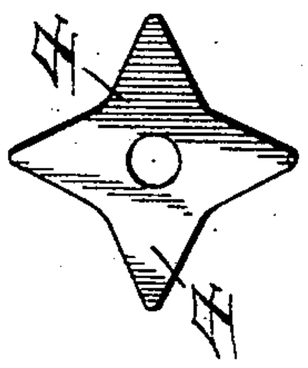
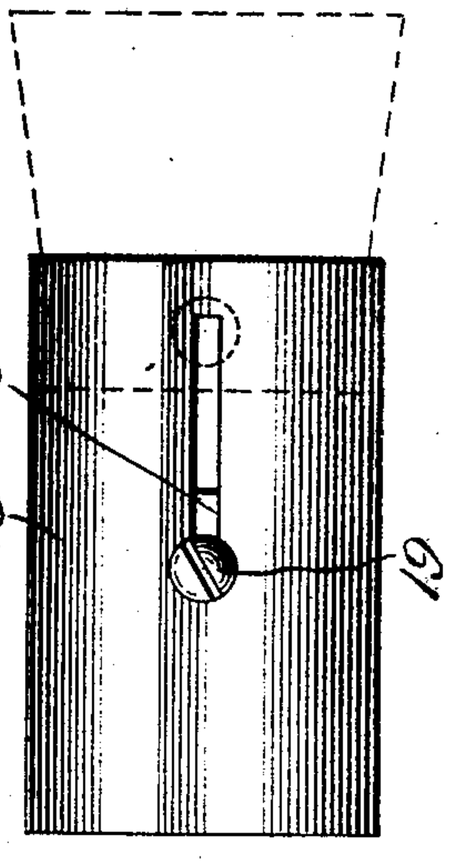


Fig. 3.



Witnesses

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UNITED STATES PATENT OFFICE.

LONZO L. CLIPPINGER, OF PILCHUCK, WASHINGTON.

SHOE-POLISHING DEVICE.

No. 822,825. Specification of Letters Patent. Patented June 5, 1906.

Application filed December 31, 1904. Renewed May 2, 1906. Serial No. 314,813.

To all whom it may concern:

Be it known that I, LONZO L. CLIPPINGER, a citizen of the United States, residing at Pilchuck, in the county of Snohomish and State of Washington, have invented new and useful Improvements in Shoe-Polishing Devices, of which the following is a specification.

This machine relates to shoe-polishing devices.

The objects of the invention are to improve and simplify the constructions of such devices; furthermore, to increase their efficiency in operation and to decrease the expense attending their manufacture.

With the foregoing and other minor objects in view, which will appear as the description proceeds, the invention resides in the particular combination and arrangement of parts and in the precise details of construction hereinafter described and claimed as a practical embodiment thereof.

In the accompanying drawings, forming part of this specification, Figure 1 is a central longitudinal section of a shoe-polishing device constructed in accordance with the invention. Fig. 2 is a detail view of a spacing-washer. Fig. 3 is a side elevation of the tube in which the brush is slidably mounted.

Like reference-numerals indicate corresponding parts in the different views.

The reference-numeral 1 indicates a swab which is composed of any suitable material—such, for example, as a sponge. The swab 1 is mounted upon a stem 2 and is retained securely thereon by means of a bearing member or plate 3, which, as will be more fully hereinafter set forth, is adapted to be pressed against the shoe or any other hard surface in order to feed liquid polishing material to the swab. Mounted upon the stem 2 is a spacing-washer 4, which preferably is in the form shown in Fig. 2, so as to permit the passage of the polishing liquid therearound. The spacing-washer 4 is adapted to move longitudinally in a sleeve element 5, which is formed with a conical portion 6 and a contracted tubular extension 7, which surrounds one end of the swab 1. The conical portion 6 of the sleeve element 5 serves to limit the longitudinal movement of the spacing-washer 4 and to receive the flared open end of a removable cap 8, which is fitted over the swab 1 when the device is not in operation, so as to prevent the liquid polishing material on said swab from hardening or soiling anything with which it may come in contact. One end of the sleeve element 5, which preferably is formed of thin metal, is bent, as shown at 9, in order to form internal and external screw-threads. Engaged with the internal screw-threads of the sleeve elements 5 is a cup-shaped partition 10, which is formed centrally with a conical valve-seat 11, adapted to receive a conical valve 12, attached to the stem 2 of the swab 1 in any suitable manner, as by means of screw-threads. Surrounding the conical valve-seat 11 of the cup-shaped partition 10 is a coil-spring 13, which bears against the spacing-washer 4 and serves normally to maintain the valve 12 in closed position.

Engaged with the external screw-threads of the sleeve element 5 is a tubular receptacle 14, which is adapted to contain any suitable liquid polish. Removably fitted over the closed end of the receptacle 14 is a tubular member 15, in which is slidably mounted a brush-block 16, having suitable bristles 17 mounted therein. The sliding adjustment of the brush-block 16 is secured, preferably, by forming in the side of the tubular member 15 a longitudinal slot 18, through which projects a screw or pin 19, mounted in the brush-block 16.

Constructed as heretofore described the improved polisher is used, preferably, in the following manner: The brush-block 16 is moved longitudinally in the tubular member 15 until the bristles thereof are in projected position, and the brush is used for cleaning the dust or dirt from shoes preparatorily to applying the polish thereto. The cap 8 is then removed and the bearing member 3, which retains the swab 1 in position upon the stem 2, is forced against the shoe or against any other suitable object in order to open the valve 12 and permit a quantity of the liquid polish to pass through the valve-seat 11, around the spacing-washer 4, and through the contracted tubular extension 7 to saturate the swab 1. When the swab 1 is sufficiently saturated, the valve 12 is permitted to close, thus preventing waste of the liquid polish, and the swab 1 is rubbed against the shoe in the usual manner.

The improved shoe-polishing device of this invention is extremely strong, simple, durable, and inexpensive in construction, as well as thoroughly efficient in operation.

Changes in the precise embodiment of invention illustrated and described may be

made within the scope of the following claims without departing from the spirit of the invention or sacrificing any of its advantages.

Having thus described the invention, what is claimed as new is—

1. A shoe-polishing device having a swab, a stem for said swab, a bearing member on said stem, a sleeve element having a tubular extension surrounding the swab, a spacing-washer mounted on said stem and located in said sleeve element, a partition in said sleeve element having a valve-seat, a valve coöperating with said seat and connected with said stem, a coil-spring surrounding said valve-seat and bearing against said spacing-washer, and a liquid-receptacle connected with said sleeve element.

2. A shoe-polishing device having a swab, a stem for said swab, a bearing-plate mounted on said stem and serving to hold said swab thereon, a sleeve element having a conical portion and a tubular contracted extension surrounding one end of said swab, a spacing-washer of such form as to permit the passage of liquid thereby, said spacing-washer being located in said sleeve element and attached to said stem, a cup-shaped partition connected with said sleeve element and having a conical valve-seat, a coil-spring surrounding said conical valve-seat and bearing against said spacing-washer, and a conical valve coöperating with said valve-seat and being connected with said stem.

3. A shoe-polishing device having a sleeve element formed of thin metal and bent at one end to form interior and exterior screw-threads, a liquid-receptacle engaged with the exterior screw-threads of said sleeve member, a partition engaged with the interior screw-threads of said sleeve element and having a valve-seat, a valve coöperating with said seat, a stem connected with said valve, a swab connected with said stem, and means for normally maintaining said valve in closed position.

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

LONZO L. CLIPPINGER.

Witnesses:
C. L. MARSH,
GEORGE WARNER.