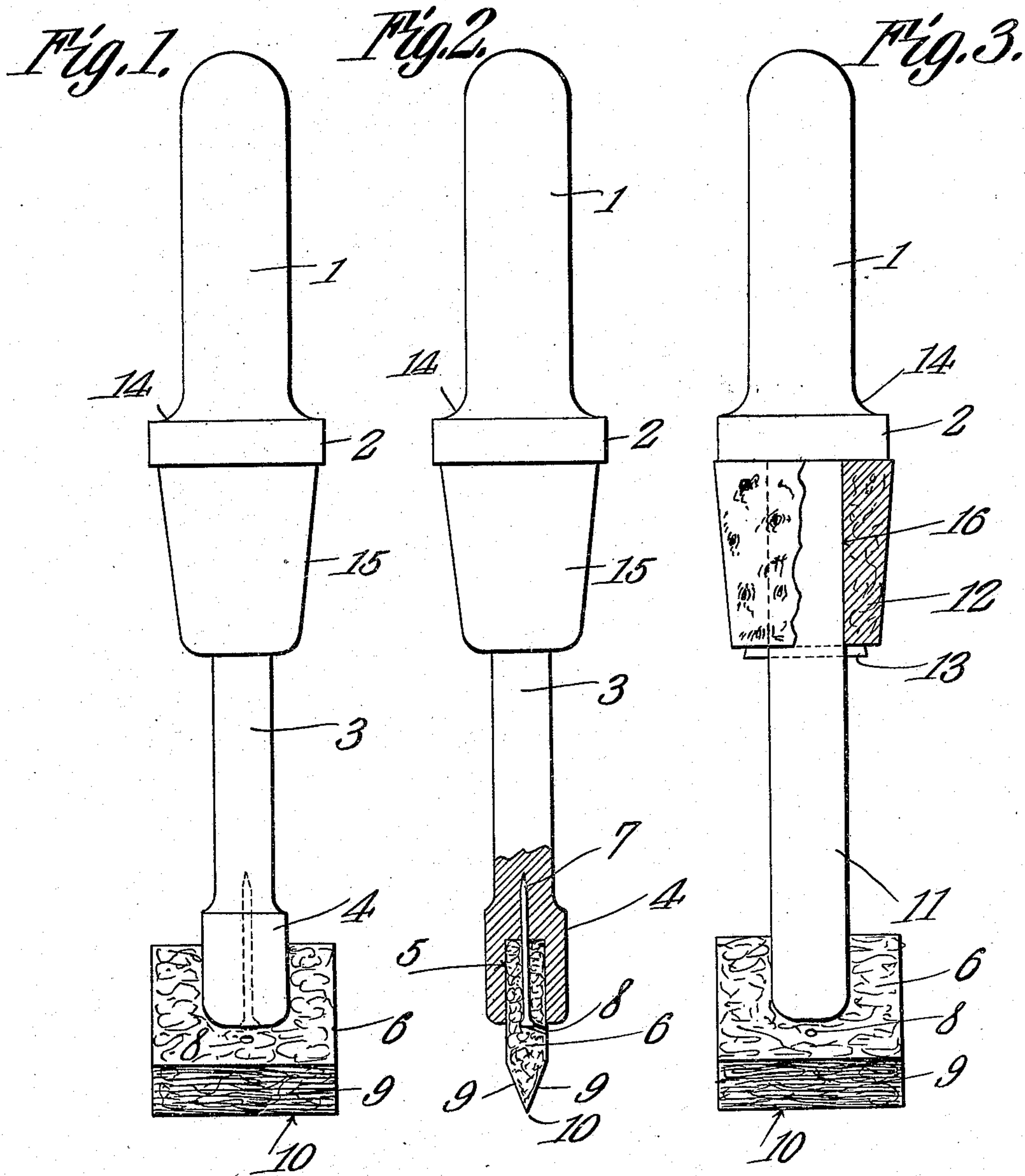


J. L. WEIR.
SHOE DAUBER.
APPLICATION FILED JAN. 16, 1909.

936,590.

Patented Oct. 12, 1909.



Witnesses

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UNITED STATES PATENT OFFICE.

JAMES LACHLIN WEIR, OF CHATHAM, ONTARIO, CANADA.

SHOE-DAUBER.

936,590.

Specification of Letters Patent.

Patented Oct. 12, 1909.

Application filed January 16, 1909. Serial No. 472,722.

To all whom it may concern:

Be it known that I, JAMES L. WEIR, a subject of the King of England, residing at Chatham, in the Province of Ontario and Dominion of Canada, have invented a new and useful Shoe-Dauber, of which the following is a specification.

The objects of the invention are generally, the provision, in a merchantable form, of a device of the above mentioned class which shall be inexpensive to manufacture, facile in operation, and devoid of complicated parts; specifically, the provision of a dauber adapted to apply a dressing to the interstices of a harness, shoe, or like structure, the device being adapted to cork a bottle securely and adapted to be used without soiling the fingers of the operator; other and further objects being made manifest hereinafter as the description of the invention progresses.

The invention consists in the novel construction and arrangement of parts, hereinafter described, delineated in the accompanying drawings, and particularly pointed out in the appended claims, it being understood that divers changes in the form, proportions, size, and minor details of the structure may be made without departing from the spirit or sacrificing any of the advantages of the invention.

Similar numerals of reference are employed to denote corresponding parts throughout the several figures of the drawings.

In the accompanying drawings:—Figure 1 shows my invention in side elevation; Fig. 2 is an end elevation, parts being broken away better to illustrate the structure; Fig. 3 is a side elevation of a modified form of my invention.

In carrying out my invention I provide, primarily, a handle denoted generally by the numeral 1. Intermediate its ends and near its middle point the handle broadens in an easy curve, as denoted by the numeral 14, to form an annular shoulder 2. Beneath the shoulder 2 the handle is gradually reduced to form an annular tapering plug member 15 disposed in abutment with the shoulder 2. Below the plug member 15 the handle is reduced somewhat abruptly, as denoted by the numeral 3, this reduced lower portion 3 being provided with a terminal enlargement 4. The enlarged portion 4 has in its lower end a transverse diametral slot 5 in which is mounted a flat resilient applying member 6

preferably broader than the enlarged portion in which it is retained. The longer sides of the applying member 6 are terminally beveled at 9 to form a sharpened edge 10. The applying member 6 may be secured to the handle 1 in a variety of ways; I prefer, however, to employ for its attachment the retaining element 7, which in the present case, takes the form of a common wire nail.

In Fig. 3 I have shown a slightly modified form of my invention in which the plugging element 15 of Figs. 1 and 2 is replaced by a cork 12 having an axial bore 16 designed to receive the lower terminal 11 of the handle. The cork 12 may be retained upon the handle in a variety of ways; in the preferred form, the fastening means are embodied in a pin 13 which is passed transversely through the handle below the cork. Since the cork 12 must be upwardly slid upon the handle over its lower terminal, in the form shown in Fig. 3 I have dispensed with the enlarged portion 4 of Figs. 1 and 2.

In mounting the applying member 6 in the slot 5, the said applying member is first pushed upward into firm abutment with the handle and then bent laterally. While in this position, the nail 7 is driven through the applying member into engagement with the handle 1, as clearly shown in Fig. 2. The applying member 6 will then spring backward into position, being mutilated by the attaching operation to no greater extent than by the small aperture 8, through which the nail or other attaching device has passed.

The upper terminal of the handle is made of sufficient size to be readily grasped and firmly held, and the curved portion 14 prevents the hand from being injured by contact with the shoulder 2, the curvature at 14 furthermore preventing the lodgment of dirt around the shoulder 2, the said shoulder, in its turn, preventing the hand of the operator from becoming soiled by contact with the blacking upon the stopper portion of the handle. The plugging element 15 of Figs. 1 and 2 and the cork 12 of Fig. 3 serve as a means whereby the neck of a bottle may be corked securely.

It is to be desired that when my invention is introduced into a receptacle, the smallest possible volume of liquid contained in the receptacle be disturbed and with that end in view, I have reduced the lower terminal, as denoted by the numeral 3. In the use of my

invention, the applying member 6 exerts some stress upon the handle, and in order to obviate the possibility of the said handle being split, I enlarge the lower terminal, as shown by the numeral 4. The attaching element 7 is securely housed within the applying member 6 and when mounted as shown in the drawings, it is beyond the reach of the liquid and not subject to deterioration through rust. By beveling the sides of the applying member 6, the same may be readily introduced between the sole and the upper of the shoes or into like contracted spaces into which a broad terminal would not find its way.

The materials entering into the construction of my device may be varied with exigencies of the proposed use. I prefer, however, to fashion the handle from wood, the applying member 6 being of leather, felt, rubber, or other pliable resilient material. In its completed form, my invention may be used to apply oil, blacking, paste, or like substances to a shoe or harness, and by its

construction, it is adapted to spread uniformly the substance with which it is laden and to introduce the same into the small parts of the article.

Having thus described my invention, what I claim as new, and desire to protect by Letters Patent is:

In a device of the class described, a handle having a transverse, diametral slot in its lower end; a flat, resilient applying member mounted in the slot and having its longer sides terminally beveled to form a thinned edge; and a retaining element longitudinally mounted in the midst of the applying member and being upwardly extended to engage the handle.

In testimony that I claim the foregoing as my own, I have hereto affixed my signature in the presence of two witnesses.

JAMES LACHLIN WEIR.

Witnesses:

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