

H. F. STUBENRAUCH.
SHOE BRUSH.
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898,998.

Patented Sept. 15, 1908.

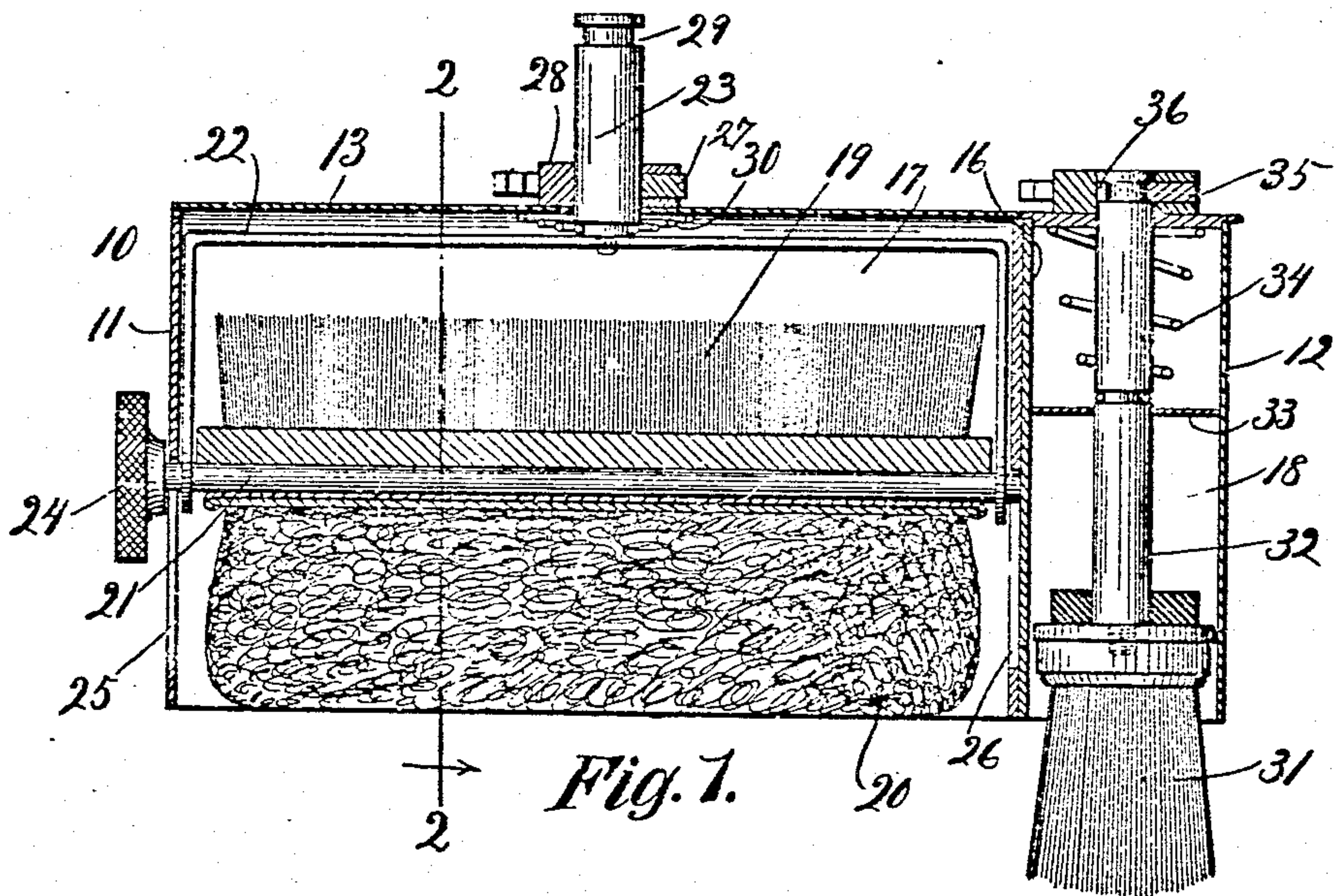


Fig. 1.

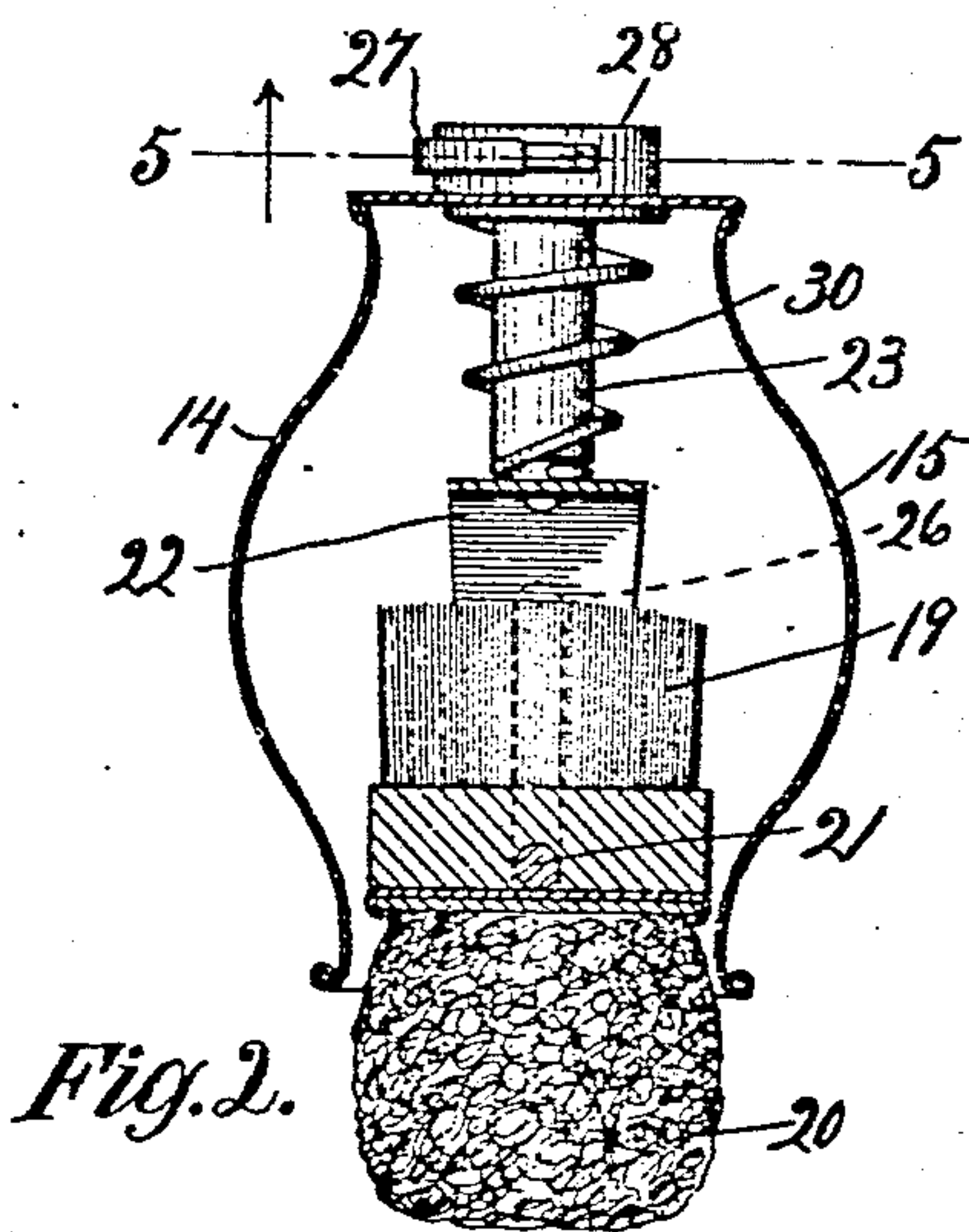


Fig. 2.



Fig. 4.

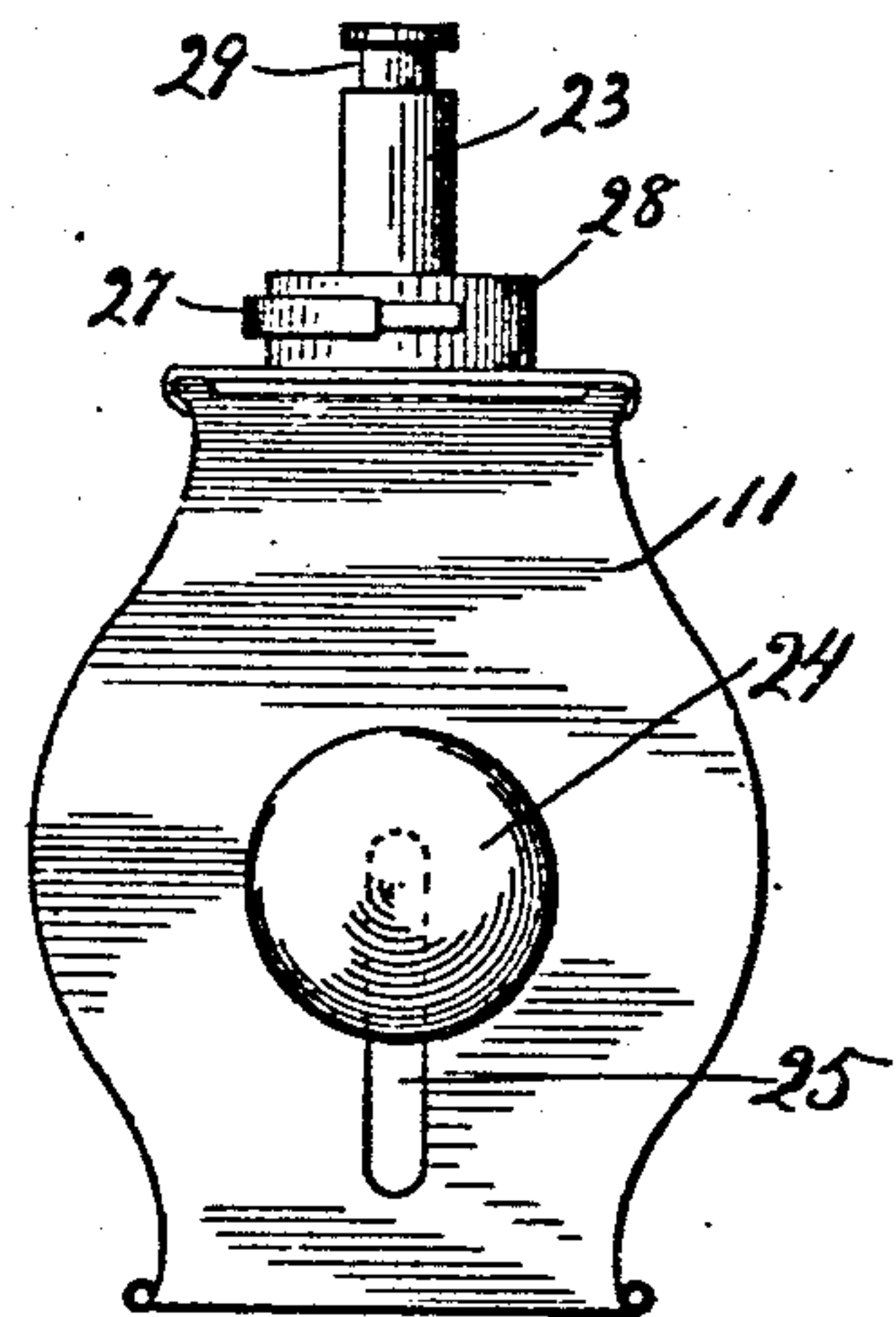


Fig. 3.

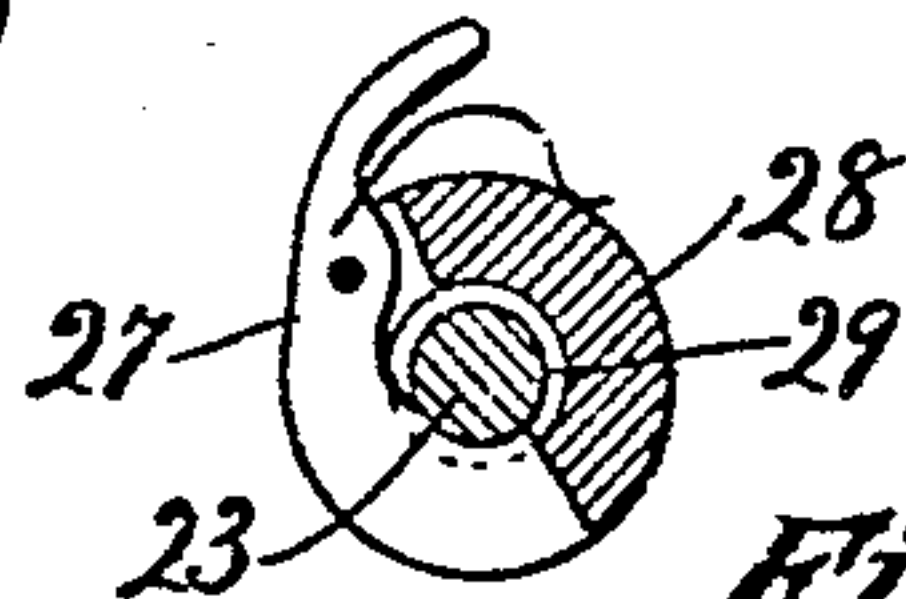


Fig. 5.

Witnesses:
W. H. Cotton
E. M. Klatchen

Inventor
Herman F. Stubenrauch
By Louis J. Gieseyttis

UNITED STATES PATENT OFFICE.

HERMAN F. STUBENRAUCH, OF CHICAGO, ILLINOIS.

SHOE-BRUSH.

No. 898,998.

Specification of Letters Patent.

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To all whom it may concern:

Be it known that I, HERMAN F. STUBENRAUCH, a citizen of the United States, and resident of Chicago, county of Cook, and State of Illinois, have invented certain new and useful Improvements in Shoe-Brushes, of which the following is a specification, and which are illustrated in the accompanying drawings, forming a part thereof.

The invention relates to a shoe brush inclosed within a housing, whereby it is protected when not in use and so covered that it may be conveniently stored with other articles without injury to them; and it consists of the structure hereinafter described, and which is illustrated in the accompanying drawings, in which

Figure 1 is a longitudinal central sectional view of the device; Fig. 2 is a transverse section of the same, taken on the line 2—2 of Fig. 1; Fig. 3 is an end elevation; Fig. 4 is a detail of a modified form of dauber; and Fig. 5 is a detail section on the line 5—5 of Fig. 2.

The housing or casing 10 is substantially oblong rectangular in form and has closed ends 11, 12, a closed back 13, and sides 14, 15, its front face being open. This housing is subdivided into two compartments by a partition 16, within one of the compartments 17 there being located cleaning and polishing brushes, and within the other compartment 18 there being placed a dauber.

The cleaning brush 19 and polishing brush or pad 20 are united back to back, and are carried by a spindle 21 journaled in a U-shaped yoke 22, from the center of which projects a rigid stem 23 through the back plate 13. The side plates 14, 15, are bowed outwardly, as shown in Figs. 2 and 3, to permit the brushes to be turned to direct either of them toward the open face of the casing. The spindle 21 projects outwardly through the end wall 11 of the casing, and carries a thumb-nut 24 by means of which it may be turned. The ends of this spindle fit loosely within slots 25, 26, in the end plate 11 and partition 16, respectively, these slots being so disposed that the yoke 23 may be thrust outwardly by means of pressure upon the end of the stem 23, thereby carrying the brush 19 or 20, which is directed towards the open face of the casing, into position for use. A spring latch 27, carried by a boss 28 fixed upon the outer face of the plate 13, engages a shoulder 29 formed on the stem 23, when the yoke is

advanced, and locks it in that position. A retractile spring 30, reacting between the yoke 22 and the inner face of the plate 13, withdraws the yoke upon the release of the latch.

The dauber 31 is mounted within the compartment 18, and is carried by a stem 32 projecting through the back plate 13, and a guiding plate 33 set across the compartment 18. A retractile spring 34, attached to the stem 32 and to the inner face of the plate 13, withdraws the dauber into the compartment 18 and it is advanced therefrom by pressure upon the outer end of the stem 32. A spring-latch 35, similar to the latch 27, is provided for engaging a shoulder 36 on the stem 32, for the purpose of holding the dauber in its advance position. At 37 is shown a dauber in pad form, which may be substituted for the dauber 31.

When the brushes are not in use, they are safely housed within the casing 10, and the device may be carried in a trunk without danger of soiling other articles contained therein. In use the thumb-nut 24 may be turned to bring the cleaning brush 19 towards the open face of the casing, pressure upon the end of the spindle 21 will advance this brush into position for use, where it will be retained by the spring latch 27. The shoe having been cleaned, the brush is withdrawn by the spring 30 by releasing the latch 27. The dauber may now be advanced in a similar manner, and after use retracted by the action of the spring 34 upon the release of the latch 35. The polishing brush or pad 20 may now be advanced, the thumb-nut 24 being first utilized for bringing it to the open face of the casing. When either the cleaning or polishing brush is advanced the spindle 21 is prevented from rotation by the contracted throat of the casing.

I claim as my invention—

1. In combination, a chambered handle for a brush having an open face, a plunger in yoke form within the chamber of the handle and reciprocable toward and away from its open face, and a brush having a plurality of working faces rotatably mounted in the yoke whereby any face of the brush may be projected through the mouth of the chamber of the handle by the advance of the plunger.

2. In combination, a chambered handle for a brush having an open face, a plunger in yoke form within the chamber of the handle and reciprocable toward and away from its

open face, and a brush having a plurality of working faces rotatably mounted in the yoke whereby any face of the brush may be projected through the mouth of the chamber of the handle by the advance of the plunger, the mouth of the chamber being contracted to prevent rotation of the brush in the yoke when the plunger is advanced.

3. In combination, a chambered handle for a brush having an open face, a plunger in yoke form within the chamber of the handle and reciprocable toward and away from its open face, and a brush rotatably mounted in the yoke whereby either the face or the back of the brush may be projected toward the mouth of the chamber of the handle by the advance of the plunger.

4. In combination, a chambered handle for a brush having an open face, a plunger in yoke form within the chamber of the handle and reciprocable toward and away from its open face, and a brush rotatably mounted in the yoke whereby either the face or the back of the brush may be projected toward the mouth of the chamber of the handle by the advance of the plunger, the mouth of the chamber being contracted to prevent rotation of the brush in the yoke when the plunger is advanced.

5. In combination, a chambered handle for a brush having an open face, a plunger in yoke form within the chamber of the handle and reciprocable toward and away from its open face, a brush rotatably mounted in the yoke whereby either the face or the back of

the brush may be projected toward the mouth of the chamber of the handle by the advance of the plunger, and a spring latch for maintaining the plunger in advanced position.

6. In combination, a chambered handle for a brush having an open face, a plunger in yoke form within the chamber of the handle and reciprocable toward and away from its open face, a brush rotatably mounted in the yoke whereby either the face or the back of the brush may be projected toward the mouth of the chamber of the handle by the advance of the plunger, the mouth of the chamber being contracted to prevent rotation of the brush in the yoke when the plunger is advanced, and a spring latch for maintaining the plunger in advanced position.

7. In combination, a chambered handle for a brush having an open face, a manually-advanced and spring-retracted plunger in yoke form within the chamber of the handle movable toward and away from its open face, a brush rotatably mounted in the yoke whereby either the face or the back of the brush may be directed toward the open face of the handle and the face of the brush may be projected through the open face of the handle by the advance of the plunger, and a spring latch for maintaining the plunger in advanced position.

HERMAN F. STUBENRAUCH.

Witnesses:

LOUIS K. GILLSON,
CHARLES B. GILLSON.