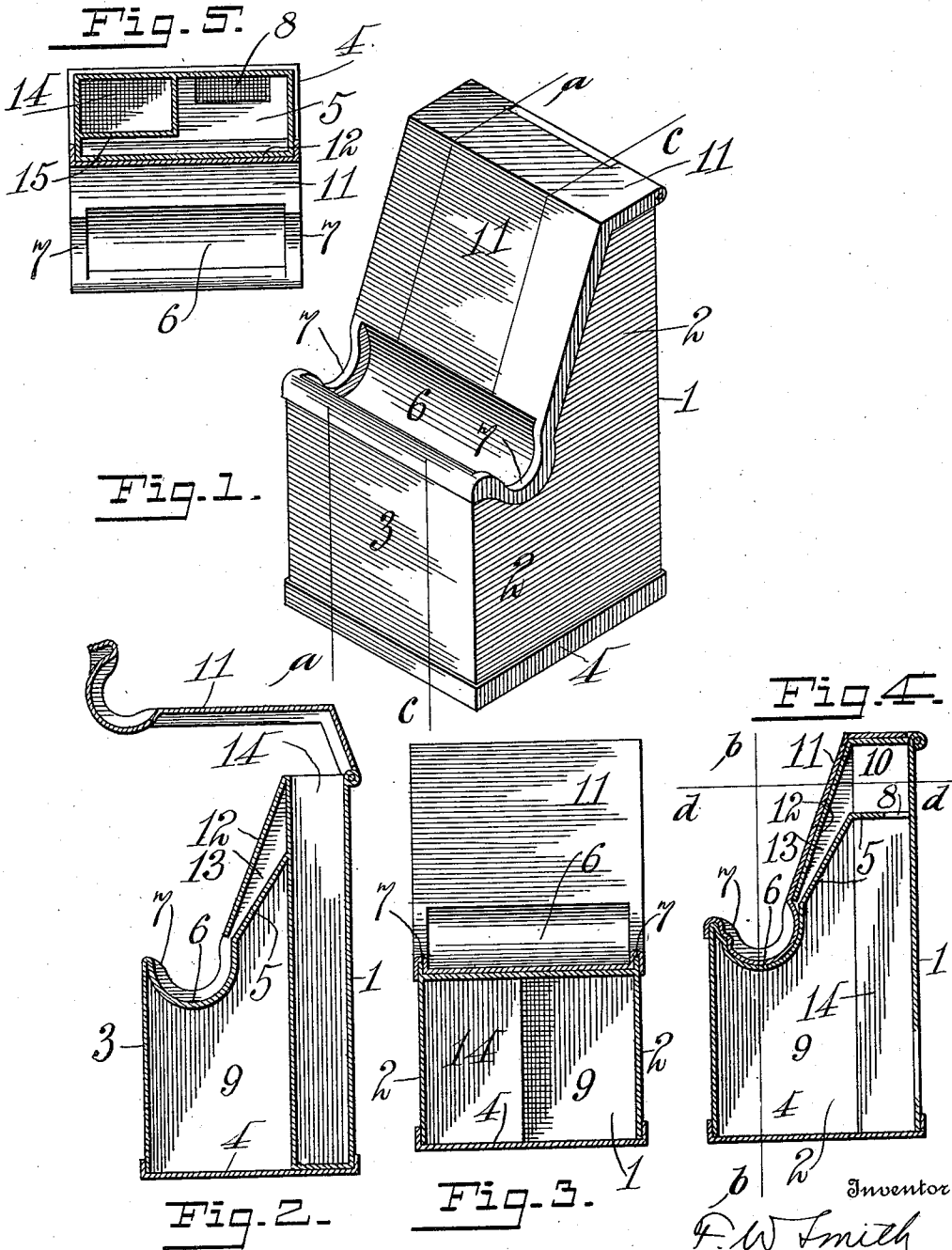


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POWDER RECEPTACLE.
APPLICATION FILED APR. 3, 1911.

1,013,325.

Patented Jan. 2, 1912.



Witnesses
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UNITED STATES PATENT OFFICE.

FLOYD W. SMITH, OF ENGLEWOOD, OHIO.

POWDER-RECEPTACLE.

1,013,325.

Specification of Letters Patent.

Patented Jan. 2, 1912.

Application filed April 3, 1911. Serial No. 618,518.

To all whom it may concern:

Be it known that I, FLOYD W. SMITH, a citizen of the United States, residing at Englewood, in the county of Montgomery and State of Ohio, have invented certain new and useful Improvements in Powder-Receptacles; and I do declare the following to be a full, clear, and exact description of the invention, such as 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 the letters and figures of reference marked thereon, which form a part of this specification.

This invention comprises an improved form of tooth brush and powder receptacle.

The object of the invention is to provide a receptacle of the above type in which the tooth powder is contained and may be discharged in suitable quantities to an exterior part of the receptacle where it may be taken up by the brush, thus avoiding the scattering of the powder. Also to provide such receptacle with means for receiving the tooth brush, thus preventing the same from accumulating germs by exposure.

The construction which subserves these purposes and accomplishes these advantages will now be described in connection with the accompanying drawings.

Of these Figure 1 is a perspective view of my improved tooth powder and brush receptacle. Fig. 2 is a vertical longitudinal sectional view on the line *a a* of Fig. 1, the cover being raised. Fig. 3 is a sectional elevation on the line *b b* of Fig. 4. Fig. 4 is a vertical sectional elevation on the line *c c* of Fig. 1. Fig. 5 is a sectional view on the line *d d* of Fig. 4.

In the particular description of the receptacle to follow, similar reference characters indicate the same parts throughout the drawings and specification.

The receptacle is essentially constructed of metal by means of suitable dies, and when completed may be nickered, silver-plated or embellished in any desirable way.

The receptacle consists of a back 1, sides 2 and a front 3 inclosed by a bottom 4. These may be constructed of a single blank of sheet metal. Inclosing the top of the receptacle is an inner stationary inclined top 5, which joins the back 1 at one end and extends forwardly, joining the front wall 3 at the other end. A trough 6 is formed at this point

into which the tooth powder is delivered for the brush. The side walls 2 extend up slightly, as at 7, to provide end inclosures for the trough to prevent the brush from throwing out any of the powder when being dipped into it. The upper horizontal portion of the top 5 is provided with a suitable aperture 8 through which the powder is delivered to the trough. The storage chamber 9 for the powder is inclosed from the upper space 10 into which the powder is delivered from said storage chamber. The space 10 receives a sufficient quantity to supply the trough 6. Inclosing the inner top 5 is an outer cover or top 11 hinged to the upper end of the back and extending downwardly on an incline. On the inner side of the top or cover 11 is a stationary wall 12 which joins the back and extends down on an incline terminating immediately above the trough 6. This stationary wall 12, and the inclined part of the inner wall 5, provide a chute or passage 13 which directs the powder into the trough from the compartment 10. To fill the compartment 10, the receptacle is turned upside down, the powder passing into the space 10 through the aperture 8. The receptacle is then reversed and the powder discharges into the trough. The outside cover 11 is formed at its lower end to enter the trough and to thus protect that part of the receptacle as well as other parts, from exposure. The extreme free end of said cover springs over the upper end of the front wall and is thus maintained in a closed condition until it is desired to use it. A separate compartment 14 is provided for the brush. This compartment is wholly inclosed from the powder chamber 9 by upright walls 15 extending throughout the greatest length of the receptacle. A tooth brush of the type in which a portion of the handle is detachable, is adapted to be placed in this compartment. Such tooth brush forms the subject-matter of a separate application for Letters Patent filed herewith.

From the above description it is apparent that the box is of such sanitary quality as to meet all requirements. The powder is protected from contamination, and the brush also is protected from exposure to germs.

Having described my invention, I claim:

1. A powder receptacle having a compartment inclosed at its top by an inner inclined wall extending from the back to

the front thereof, the forward portion of
said wall having a cavity or trough extend-
ing transversely of the receptacle, and an
aperture in the upper rearward portion of
5 said wall, an upper stationary wall extend-
ing from the top of the receptacle to said
trough and providing a powder delivery
compartment, and a chute for directing the
powder to said trough from said compart-
10 ment, and a cover conforming to the incli-
nation and form of said upper stationary
wall and said trough, substantially as speci-
fied.

2. A powder receptacle provided with
15 separate compartments adapted to contain
tooth powder and a tooth brush respectively,
the top of one of said compartments being

extended from the back of the receptacle to
the front, and terminating in a transverse
trough at the front at a point below the 20
union of said top with the back, said top
being provided with an aperture at its high-
est point, a delivery chamber above said top
communicating with the trough, and a cover
closing the upper portion of the receptacle 25
including the trough, substantially as speci-
fied.

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

FLOYD W. SMITH.

Witnesses:

R. J. McCARTY,
HOWARD S. SMITH.

Copies of this patent may be obtained for five cents each, by addressing the "Commissioner of Patents,
Washington, D. C."
