

March 20, 1928.

1,662,857

H. L. HEITER

CONTAINER

Filed Dec. 12, 1925

Fig. 1.

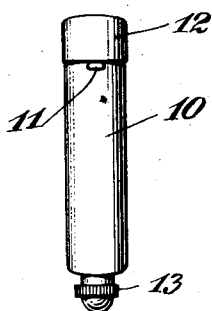


Fig. 2.

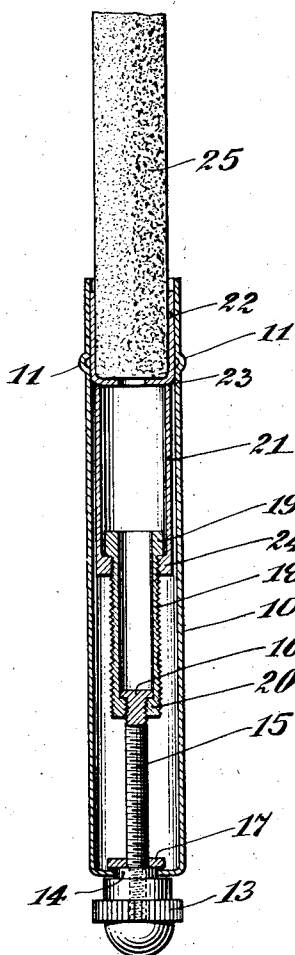


Fig. 3.

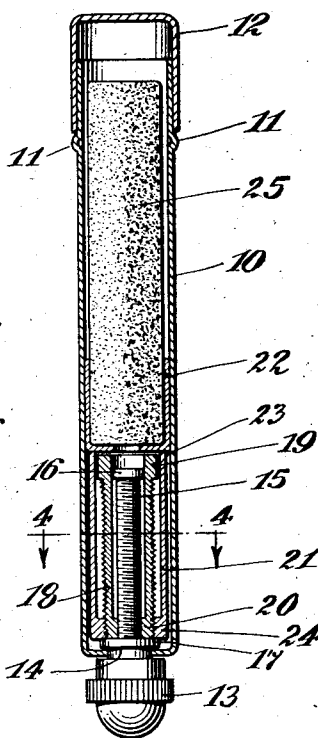


Fig. 6.

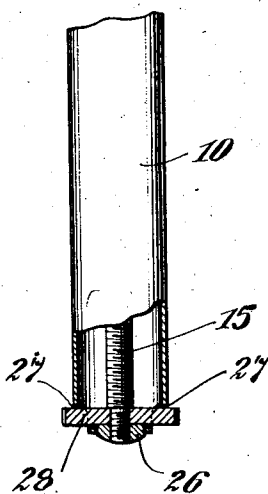


Fig. 5.

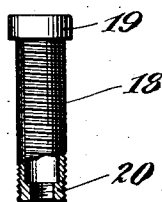
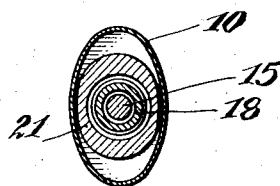


Fig. 4.



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CONTAINER.

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My invention relates to containers and refers particularly to containers adapted for use with consumable pencils.

My device is especially adaptable for use with such consumable pencils as lip-sticks and eyebrow pencils which are usually carried in hand bags for more or less constant use, and which, therefore, must be compact in size, readily applied and capable of considerable extent of use before exhaustion of the pencil element.

Among the objects of my invention is a casing enclosing a lip-stick, the lip-stick being capable of being extended beyond the casing for purposes of use and then withdrawn, or retracted, into the casing for protection.

A special feature of my device is its mechanical construction which allows of the employment of a relatively long pencil, which feature is of the greatest practical and commercial value.

In a general way, my device comprises a casing within which is a vertically movable non-rotatable sleeve carrying a pencil support, or holder, at its upper extremity, this sleeve being capable of telescopic movement over a second sleeve, the latter being revolvable and telescopic over a rotatable rod capable of receiving rotary motion from without the casing.

The many advantageous properties of my device will be evident upon a consideration of my specification and its accompanying drawings.

In the particular form of the device of my invention shown in the accompanying drawings, similar parts are designated by similar numerals.

Figure 1 is a side view of one form of my device in closed position.

Figure 2 is an enlarged vertical cross-section of Figure 1 with cover removed and parts in extended position.

Figure 3 is the device of Figure 2 with cover replaced and parts in withdrawn position.

Figure 4 is a cross-section through the line 4-4 of Figure 3.

Figure 5 is a view of two of the telescopic members partly in section.

Figure 6 is a view of a modified form of my device partly in section.

The particular form of the device of invention shown in Figures 1 to 5 inclusive comprises an outer shell, or casing, 10 open

at the top and closed at the bottom and having projections 11, 11 upon opposite sides thereof to act as stops for the telescopic cover 12.

An exterior operative member comprises the knurled head 13 having the reduced portion 14 capable of passage through an opening in the bottom of the casing 10. A threaded rod member 15 having the flange top 16, is fixedly carried by the head 13. A flange, or washer, 17 is fixedly attached to the member 15.

The cylindrical member 18, threaded upon its exterior face and having a shoulder 19 and an internally threaded bottom member 20 meshing with the threaded member 15 is vertically rotatively movable on the rod 15.

The cylindrical member, or sleeve, 18 is vertically rotatively movable within the elliptical member, or sleeve, 21 having a cup 22 fixedly attached by means of solder 23, or otherwise, and an internally threaded bottom member 24 meshing with the threaded member 18. A lip-stick, or other penciling stick, 25 is placed within and carried by the cup, or pencil carrier, 22.

The operation of the device is as follows:—

Figure 2 shows the device in extended position, the lip-stick 25 being almost fully exposed. If, now, the knurled head 13 be revolved, there will result a revolution of the rods 15 and the cylindrical member 18. The revolution of the cylindrical member 18 will cause the elliptical member 21 to descend telescopically, as it can not revolve because of its elliptical formation, thus drawing the lip-stick 25 inwardly of the casing 10.

The downward telescopic movement of the member 21 upon the member 18 is limited by the abutment of the bottom of the cup 22 upon the head 19. A further revolution of the rod 15 will then cause the member 18 to telescope downwardly upon the rod 15, this downward movement being stopped by the abutment of the bottom member 20 upon the flange 17. The device will then be in the position shown in Figure 3.

In the modified form of my device shown in Figure 6, the outside casing 10 has a closed rounded bottom 26 and an elongated opening 27 at opposite sides. The threaded rod 15 is fixedly attached to an annular knurled member 28 extending through the casing openings 27, 27. The remainder of the mechanism is as described above, the revolution of the annular member 28 having the

same effect as the revolution of the knurled member 13.

It is to be noted that the double telescopic arrangement of parts in my device allow of the use of a comparatively long lip-stick, the moving mechanism being collapsible into a small space in its withdrawn position.

I do not limit myself to the particular size, shape, number or arrangement of parts as shown and described as these are given simply as a means for clearly explaining the device of my invention.

What I claim is:—

1. In a pencil container, in combination, a casing open at the top and closed at the bottom; an internally threaded non-revoluble vertically movable sleeve within the casing; a pencil holder carried by the upper portion of the sleeve; an internally and externally threaded revoluble vertically movable sleeve movable within the non-revoluble sleeve, the external threads thereof meshing with the internal threads of the non-revoluble sleeve; an externally threaded revoluble non-vertically movable rod movable within the revoluble sleeve and extending beyond the casing, the threads of which mesh with the internal threads of the revoluble sleeve, openings at opposite sides of the lower portion of the casing, a member fixedly attached to the rod and extending through the side openings of the casing and a cover for the upper casing opening.

2. In a pencil container, in combination, a casing open at the top and closed at the bottom; a threaded revoluble vertically movable rod within the casing and extending through the bottom and having a flanged top; means carried by the rod and abutting upon each face of the casing bottom preventing longitudinal movement of the rod through said bottom; an inner revoluble externally

threaded sleeve having a flanged top and an internally threaded bottom portion meshing with the rod threads and co-acting with the rod flange to prevent longitudinal disengagement of the revoluble sleeve and the rod; a non-revoluble vertically movable outer sleeve having an internally threaded bottom portion meshing with the external threads of the inner sleeve and co-acting with the inner sleeve flange to prevent longitudinal disengagement of the inner sleeve and the outer sleeve, a cup fixedly attached to the outer sleeve and a cover for the upper casing opening.

3. In a pencil container, in combination, an oval casing open at the top and closed at the bottom; a threaded revoluble vertically movable rod within the casing and extending through the bottom and having a flanged top; means carried by the rod and abutting upon each face of the casing bottom preventing longitudinal movement of the rod through said bottom; an inner revoluble externally threaded annular sleeve having a flanged top and internally threaded bottom portion meshing with the rod threads and co-acting with the rod flange to prevent longitudinal disengagement of the revoluble sleeve and the rod; a non-revoluble vertically movable oval outer sleeve having an internally threaded bottom portion meshing with the external threads of the inner sleeve and co-acting with the inner sleeve flange to prevent longitudinal disengagement of the inner sleeve and the outer sleeve, a cup fixedly attached to the upper portion of the outer sleeve and a cover for the upper casing opening.

Signed at New York city, in the county of New York and State of New York, this 8th day of December, 1925.

HENRY L. HEITER.