March 6, 1934. W. E. POWERS 1,950,324

LIP STICK HOLDER

Filed June 14, 1933

Fig. 1.

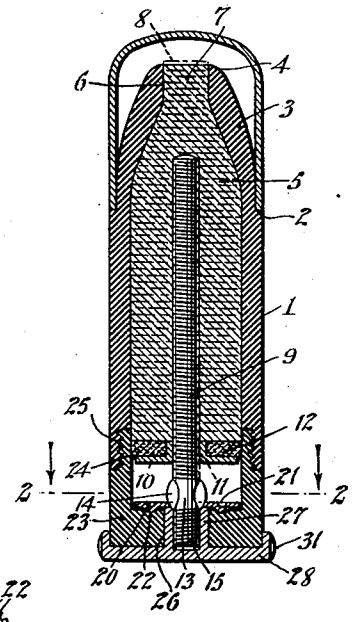


Fig. 2.

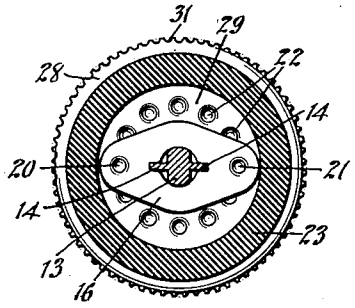


Fig. 3.

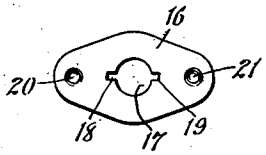


Fig. 4.

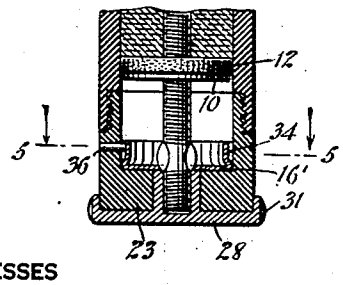
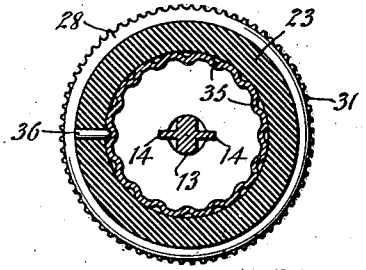


Fig. 5.



WITNESSES

Edw. Thorpe

A. L. Ritchin

INVENTOR

Walter E. Powers

BY Munn, Anderson, Stanley, Foster & Liddy

ATTORNEY

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LIP STICK HOLDER

Walter E. Powers, Flushing, N. Y.

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3 Claims. (Cl. 206—56)

This invention relates to lipstick holders and particularly to an improved holder which will act as a dispenser, the object being to provide a combined holder and dispenser which will protect the lipstick and at the same time expose as much thereof as is necessary when the device is in use.

Another object of the invention is to provide a lipstick holder and dispenser wherein the dispensed lipstick is molded into a firm column substantially at the time or slightly before it is projected from the holder.

A still further object of the invention is to provide a lipstick holder for dispensing lipstick or a portion thereof from time to time, wherein means are provided which will indicate both by sound and feel the approximate amount of lipstick dispensed.

In the accompanying drawing—

Figure 1 is a longitudinal vertical sectional view through the lipstick holder and dispenser disclosing an embodiment of the invention;

Figure 2 is a transverse sectional view through Figure 1 on the line 2—2, the same being on an enlarged scale;

Figure 3 is a plan view of the indicating plate shown in Figure 2;

Figure 4 is a view similar to the lower part of Figure 1, but disclosing a modified construction thereof;

Figure 5 is a sectional view through Figure 4 on the line 5—5, the same being on an enlarged scale.

Referring to the accompanying drawing by numerals, 1 indicates what may be termed a body, said body being of tubular structure, formed of rubber, bakelite, metal or other desired material, and at the upper end is provided with a shoulder or offset 2, and from the offset 2 curves to form an end 3 which acts as an applicator. It will be observed that the end 3 is rounded at 4 so that any of the lipstick 5 protruding from the discharge opening or passageway 6 may be directly applied to the lips and, if desired, the lips may be rubbed by the portion 4.

The aperture 6 is really a passageway of some considerable length, the walls thereof being straight so that the portion 7 of the lipstick 5 will be molded into a rounded pencil-like member adapted to be projected outwardly, as indicated by the dotted line 8. Ordinarily the amount indicated by the dotted line 8 is sufficient for one application to one pair of lips, though more or even less can be used if desired. By projecting the material until the desired quantity and no more is ejected, the lipstick will last a maximum time and give maximum results as there will be a minimum of waste.

The lipstick material 5 is, of course, rather soft and when sufficient pressure is brought to bear thereon it will form itself into a cylindrical member or pencil 7 before emerging from the aperture or passageway 6. In order to cause the material 5 to act in this way there is provided a threaded member 9 having a piston 10 which is screwed on to the threaded member, and which is formed with a metal body 11 and a yielding backing member 12 which may be of leather, fiber or other material, and which rather tightly fits against the inner wall of the body 1 whereby it will not rotate when the screw 9 is turned, but will move either towards the passageway 6 or in the opposite direction according to the direction of movement of the screw 9. Screw 9 is provided with a section 13 having pressed-out ears 14 which are integral with the portion 13. Section 13 merges into a threaded end section 15 which is preferably threaded with a right hand thread, while the main portion of the rod 9 is threaded with a left hand thread, though, if desired, a reverse arrangement of the threads could be used. Ordinarily, however, it is desired to rotate the shaft 9 to the right to cause the piston 10 to be moved in ejecting the lipstick material.

A plate, which may be termed an indicating plate, coacts with section 14 of the shaft or threaded rod 9, said plate being indicated by the numeral 16. This plate as shown particularly in Figure 3, is provided with an aperture 17 for accommodating part of the section 14, and with notches 18 and 19 for accommodating part of the ears 14. Depressed portions 20 and 21 are also provided, said depressed portions normally fitting into two of the pockets or depressions 22 formed in the base 23, which base may be of metal, bakelite, rubber or other material. This base is provided with a threaded portion 24 adapted to be screwed on to the threaded portion 25 of body 1, as shown in Figure 1. The base 23 is provided with an aperture 26 into which the tubular extension 27 extends, said tubular extension being threaded on to the end section 15 but slidingly fitting into the aperture 26 so that when the knurled knob or nut 28 is screwed down to operative position, the tubular portion 27 will press against the under surface of the indicating plate 16 and force the same into a tight engagement with the ears 14. The parts are so proportioned that when all parts are in their correct position as shown in Figure 1, the pressed down portions 20 and 21 will be fitting into two of the depressions 22.

Plate 16 is resilient and, consequently, when the thumb member or nut 28 is rotated, plate 16 will be rotated, and as it is rotated to a greater or less extent the pressed down portions 20 and 21 will move out of the respective depressions 22 and slide along on the surface 29 until they strike the next depression 22. This will produce a slight clicking sound and also an action which may be felt by the person turning the thumb member 28, thus indicating to the operator that

the device has been turned a certain distance. This will cause the material 5 to be ejected a certain distance. Usually a movement sufficient to cause the depressions 20 and 21 to travel past two or three of the depressions 22 will cause sufficient material to be ejected to be ample for one application. If, for instance, the operator stops the rotation of member 28 before sufficient lipstick has been ejected, the member 28 may be again moved to cause a further ejection.

The edge portion of member 28 is corrugated at 31 and is preferably telescoped somewhat over the base 23 and thereby provides a neat pleasing appearance. As the threaded rod or shaft 9 is rotated in a given direction, the piston 10 will be moved towards the passageway 6. From time to time as the device is used, the parts are rotated and eventually the piston will reach the end 3. When this occurs no further ejection can be made.

If desired, the parts can be rotated in a reverse direction and the device refilled, though ordinarily the entire holder is thrown away, because it is more or less inexpensive and also inconvenient for refilling. However, as stated, the device is capable of being refilled and if refilled will function as just described. When the device is not in use a cap 33 snugly fits the lower part of the end 3 and rests against the shoulder 2. This cap is merely slipped off when it is desired to use the device and then slipped on after being used. This will prevent any of the lipstick from coming in contact with any part of the handbag or other receptacle in which the device is placed.

In Figure 4 the same structure is shown as is shown in Figure 1 except the indicating plate 16' is formed with an annular turned up flange 34 which is formed with corrugations 35 as shown in Figure 5. A pin 36 preferably of metal is fitted into the base 23 and is held in that position by friction. The end of the pin projects somewhat into the corrugations 35. The flange 34 is resilient and consequently will spring to one side as the indicating plate 16' is rotated. This will give a clicking sound and the same feel as is provided in the preferred form shown in Figure 1. When a person is using the device, by following the signals produced by the indicating plate, the exact amount of lipstick may be projected which is required in each instance, and consequently there will never be too much supplied to the lips nor any of the lipstick wasted thereby.

I claim:—

1. A lipstick holder and dispenser comprising a body having a discharge aperture at one end, a base removably secured to the body at the opposite end, a piston arranged in said body, a threaded member screwed into and through said piston, said threaded member being almost as long as said body and positioned substantially centrally thereof, a thumb member for rotating said threaded member for causing the piston to travel towards said discharge opening, said threaded member having a projecting member near the thumb member, an indicating plate having an opening for receiving said projection whereby when said threaded member is rotated said indicating plate will be rotated, said indicating plate being formed with protuberances, and said base being formed with a plurality of depressions, said depressions being positioned so that said protuberances may snap therein as the plate is rotated, whereby an audible sound is produced, and also resistance movement is communicated to said thumb member for indicating the amount of rotation of said threaded member and consequently the amount of lipstick material forced from said body.

2. A lipstick holder and dispenser including a body adapted to contain a supply of lipstick material, means for forcing said material through one end of said body, said means including a rotating member, and a thumb member for actuating said rotating member, said rotating member having protuberances thereon, and means for indicating the degree of rotation of said rotatable member, said means including a plate interlocking with said protuberances, said plate having protuberances thereon, and a base carried by said body having means coacting with the protuberances on said plate for producing a clicking sound as the rotatable member is rotated.

3. A lipstick holder and dispenser including a tubular body having a discharge opening, a base secured to the end of said tubular body opposite said opening, a threaded member extending centrally and longitudinally into said tubular body, a piston screwed on to said threaded member, said body being adapted to contain a supply of lipstick material which surrounds said threaded member between said piston and the discharge opening of the body, a thumb member having an internally threaded tubular projection screwed on to one end of said threaded member, said threaded member having a pair of protuberances, an indicating plate having notches for accommodating said protuberances, said protuberances having curved outer portions, said internally threaded tubular projection forcing said indicating plate against said protuberances until there is a tight fit, and means carried respectively by the indicating plate and said base for producing a resistance which is communicated to the thumb member for indicating by feel to the hand of the operator the amount of rotation.

WALTER E. POWERS.