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G. FROST

2,331,675

PAPER DISPENSER

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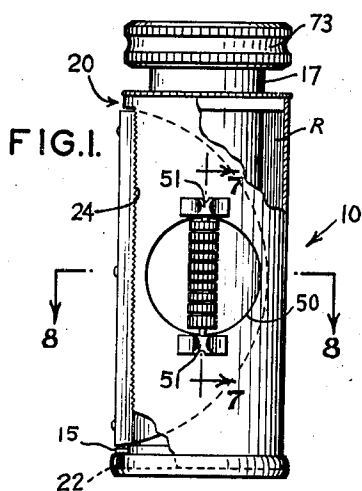


FIG. 1.

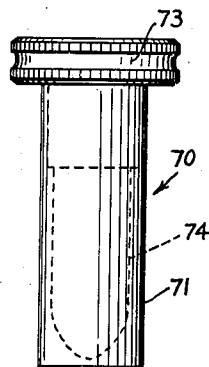


FIG. 2.

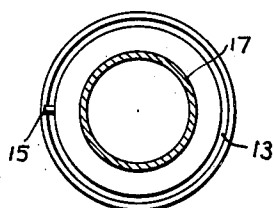


FIG. 4.

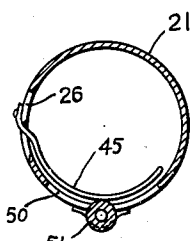


FIG. 6.

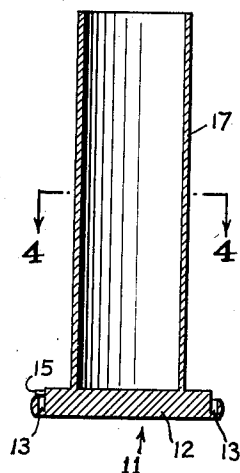


FIG. 3.

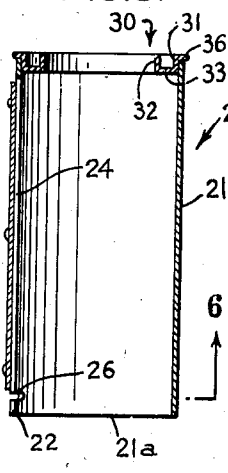


FIG. 5.

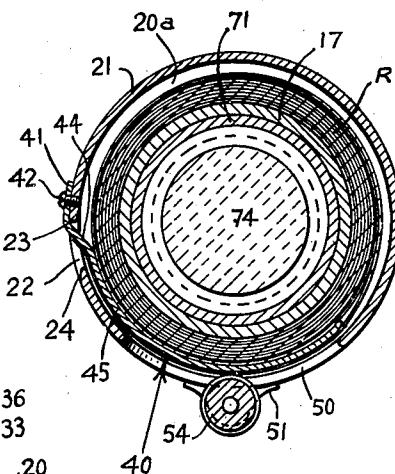


FIG. 8.

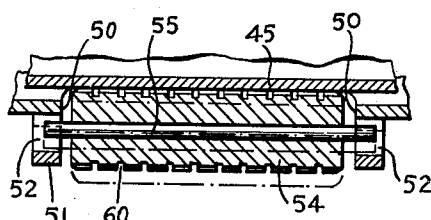


FIG. 7.

GUSTAVE FROST INVENTOR.

BY

J.B. Felsch, ATTORNEY

UNITED STATES PATENT OFFICE

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PAPER DISPENSER

Gustave Frost, Brooklyn, N. Y.

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6 Claims. (Cl. 242—55.5)

This invention relates to a combination lipstick and paper dispenser.

An object of this invention is to provide a highly improved article of the character described having means to dispense paper for cleaning fingers after spreading lipstick on the lips, or for any other purpose.

A further object of this invention is to provide in a device of the character described, highly improved means for insuring positive ejection of the paper from a roll within the holder. Yet a further object of this invention is to provide a compact and durable device of the character described, which shall be relatively inexpensive to manufacture, easy to assemble, and refill, and yet practical and efficient to a high degree in use.

Other objects of this invention will in part be obvious and in part hereinafter pointed out.

The invention accordingly consists in the features of construction, combination of elements, and arrangement of parts which will be exemplified in the construction hereinafter described, and of which the scope of application will be indicated in the following claims.

In the accompanying drawing, in which is shown one of the various possible illustrative embodiments of this invention,

Fig. 1 is a front elevational view of a combination lipstick and paper dispenser embodying the invention;

Fig. 2 is a side elevational view of the lipstick removed from the holder;

Fig. 3 is an elevational cross-sectional view through the paper holder;

Fig. 4 is a cross-sectional view taken on line 4—4 of Fig. 3;

Fig. 5 is an elevational, cross-sectional view through the slotted outer cylinder through which the paper is dispensed;

Fig. 6 is a cross-sectional view taken on line 6—6 of Fig. 5;

Fig. 7 is an enlarged, cross-sectional view taken on line 7—7 of Fig. 1; and

Fig. 8 is an enlarged, cross-sectional view taken on line 8—8 of Fig. 1.

Referring now in detail to the drawing, 10 designates a combination lipstick and paper dispenser embodying the invention. The same comprises a member 11 having a circular bottom wall 12 formed in the top surface thereof with an annular groove 13. Fixed to the bottom wall 12 is a radial pin 15 traversing the groove 13, for the purpose hereinafter appearing.

Extending upwardly from the bottom wall 12 is a cylindrical wall 17 co-axial with said bottom

wall. The cylindrical wall 17 is open at the top, as shown in Fig. 3 of the drawing.

Mounted on member 11 and telescoped therewith, is a member 20 shown in Fig. 6 of the drawing. Said member 20 comprises a cylindrical wall 21 formed with a longitudinal slot 22 terminating short of the upper end thereof, and extending all the way down to the lower end thereof. The slot 22 forms a pair of parallel, longitudinal edges 23 and 24. Edge 24 is serrated as shown in Fig. 1 of the drawing.

Extending inwardly from edge 24, adjacent the bottom end 21a of cylindrical wall 21 is a short slot 26. The diameter of cylindrical wall 21 is equal to the diameter of the groove 13, so that when member 11 is fitted into member 20, the lower edge 21a of cylindrical wall 21 fits into the groove and pin 15 passes into slot 22 of cylindrical wall 21. Thereafter, a slight rotation of member 20 relative to member 11 causes engagement of pin 15 within said slot 26 to attach the member 20 to member 11.

Fixed within the upper end of cylinder 21 is a spacer ring 30, having an outer cylindrical wall 31 contacting the inner surface of cylinder 21, an inner cylindrical wall 32 concentric with cylindrical wall 31, and an annular bottom wall 33 interconnecting walls 31 and 32. Extending outwardly from wall 31 of ring 30 is a flange 36 contacting the upper edge of cylinder 21. The ring 30 may be fixed to the cylindrical wall 21 in any suitable manner. It will now be understood that when members 11 and 20 are inter-fitted, a cylindrical chamber 20a is formed therebetween for a roll of paper R.

Fixed to cylindrical wall 21 is a paper guide 40. The same comprises a portion 41 overlying the outer surface of cylindrical wall 21, adjacent edge 23 thereof, and fixed to said wall by means of screws 42, or in any suitable manner.

Extending from said portion 41 is an inwardly inclined portion 44 passing through slot 22 to the inside of cylinder 21. Extending from portion 44 is a part cylindrical wall or tongue 45 concentric with cylinder 21 and spaced somewhat therefrom.

The roll of paper R may be mounted on member 11 surrounding the cylindrical wall 17. The roll of paper is disposed between member 40 and wall 17, as shown in Fig. 8 of the drawing. The outer end of the paper passes between the tongue portion 45 and cylindrical wall 21, and out through slot 22 so that a piece of paper may be torn against the serrated edge 24 of the cylindrical wall 21.

Means is provided to facilitate ejection of paper from the device 10. To this end, wall 21 is formed with a circular opening 50, adjacent the serrated edge 24 and overlying tongue 45. Mounted on wall 21 above and below said opening 50, are longitudinally aligned brackets 51 formed with parallel aligned slots 52. Rotatably mounted on and between the brackets 51 is a roller 54 projecting into opening 50. The roller 54 is provided with an axle 55, the ends of which project into the slots 52.

It will be noted that the roller 54 has a little movement toward and away from tongue 45. The paper from the roll R passes between the roller 54 and the tongue 45. The outer surface of the roller is preferably knurled, as at 60.

It will now be understood that the roller 54 may be rotated in a counterclockwise direction, looking at Fig. 2 of the drawing to facilitate dispensing of paper outwardly through the slot 22.

The pressure of the finger on the roller presses the roller against the paper to push the paper out of the slot 22.

If it is desired to replace the roll of paper, member 11 is rotated about its axis until pin 15 moves out of slot 26. An axial movement of member 11 relative to member 20 will then separate said members. A new roll may then be placed on member 11 and member 11 may then be inserted into member 20.

It will be noted that the upper end of cylindrical wall 17 frictionally fits within the inner wall 32 of ring 30. It will be noted furthermore that the upper end of wall 17 projects beyond the outer end of ring 30, for the purpose hereinafter appearing.

Frictionally fitted within member 11 is a lipstick holder 70. The lipstick holder 70 comprises a cylindrical wall 71, to one end of which there is rotatably mounted an ejector head 73 for a piece of lip rouge 74. Member 70 may be of usual construction, and wall 71 frictionally fits within wall 17. The upper end of wall 17 retains the rotary member 73 spaced from the upper end of member 20, as shown in Fig. 1 of the drawing.

It will now be understood that the user of the device 10 may first pull out the lipstick holder 70 and use the same. Quite often the user of the lipstick spreads the lipstick on the lips by the use of a finger tip. By turning the roller 54, a sufficient length of paper is pushed through the opening 22 and this length of paper may then be torn off against the serrated edge 24 to be used for cleaning the finger tip.

It will thus be seen that there is provided a device in which the several objects of this invention are achieved, and which is well adapted to meet the conditions of practical use.

As various possible embodiments might be made of the above invention, and as various changes might be made in the embodiment above set forth, it is to be understood that all matter herein set forth or shown in the accompanying drawing is to be interpreted as illustrative and not in a limiting sense.

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

1. A device of the character described, comprising a member having a bottom wall and a cylindrical wall extending upwardly therefrom, and adapted to support a roll of paper, said bottom wall being formed with an annular groove and having a pin traversing said groove, a member telescoped with the first member and having

a cylindrical wall, the lower end of which is received within said groove, the cylindrical wall of the second member being formed with a longitudinal slot extending to one end thereof, and with a slot extending inwardly from one edge of said longitudinal slot and engaging said pin, a ring fixed to the upper end of the cylindrical wall of the second member and frictionally receiving the upper end of the cylindrical wall of the first member, a paper guide fixed to one edge of said longitudinal slot and having a curved tongue within said second member.

2. A device of the character described comprising a member having a bottom wall and a cylindrical wall extending upwardly therefrom, and adapted to support a roll of paper, said bottom wall being formed with an annular groove and having a pin traversing said groove, a member telescoped with the first member and having a cylindrical wall, the lower end of which is received within said groove, the cylindrical wall of the second member being formed with a longitudinal slot extending to one end thereof, and with a slot extending inwardly from one edge of said longitudinal slot and engaging said pin, a ring fixed to the upper end of the cylindrical wall of the second member and frictionally receiving the upper end of the cylindrical wall of the first member, a paper guide fixed to one edge of said longitudinal slot and having a curved tongue within said second member, the cylindrical wall of the second member being formed with an opening overlying said tongue, and a longitudinal roller supported on the cylindrical wall of the second member and projecting into said opening.

3. A device of the character described, comprising a pair of telescoping members forming a chamber therebetween adapted to receive a roll of paper, the outer telescoping member being formed with a longitudinal slot, a paper guide fixed to the outer telescoping member at said slot and having a tongue disposed between said telescoping members, and adjacent the inner surface of the outer telescoping member, said outer telescoping member being formed with an opening overlying said tongue, and a longitudinally extending roller rotatably mounted on said outer cylindrical member and projecting into said opening for pressing paper passing between said tongue and the outer telescoping member, against said tongue.

4. A paper dispenser comprising a pair of telescoping members, the outer telescoping member being formed with a longitudinal slot, a member fixed to the outer telescoping member and having a part-cylindrical wall disposed in spaced relation to the inner surface of the outer telescoping member and forming a passage communicating with said slot, said outer telescoping member being formed with an opening overlying said wall, a pair of longitudinally aligned brackets on the outer side of said outer telescoping member and on opposite sides of said opening, said brackets being formed with aligned slots, and a roller provided with an axle projecting into said slots, said roller being adapted to project into said opening to press paper against said wall.

5. A device of the character described comprising a member having a bottom wall and a cylindrical wall extending upwardly therefrom, and adapted to support a roll of paper, a member telescoped with the first member and having a cylindrical wall, the cylindrical wall of the second member being formed with a longitudinal

slot, a ring at the upper end of the cylindrical wall of the second member frictionally receiving the upper end of the cylindrical wall of the first member, a paper guide on said second member behind said longitudinal slot, the cylindrical wall of said second member having a cut out, and means at said cut out to dispense paper from the roll through said slot.

6. A device of the character described comprising a member having a bottom wall and a cylindrical wall extending upwardly therefrom, and adapted to support a roll of paper, a member telescoped with the first member and having

a cylindrical wall, the cylindrical wall of the second member being formed with a longitudinal slot extending to one end thereof, a ring at the upper end of the cylindrical wall of the second member frictionally receiving the upper end of the cylindrical wall of the first member, a paper guide on said second member behind said longitudinal slot, the cylindrical wall of the second member being formed with an opening overlying said paper guide, and a longitudinal roller supported on the cylindrical wall of said second member and projecting into said opening.

GUSTAVE FROST.