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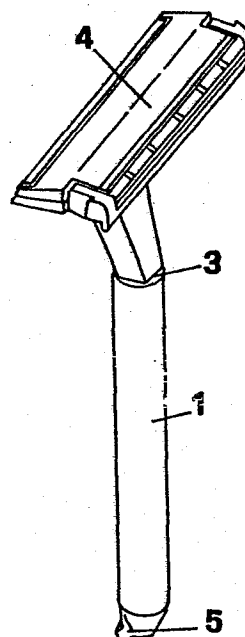
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54 **Shaving cream holder incorporated in safety razors.**

57 Device containing the cream sufficient for a few shaves incorporated in safety razors of any type, throw-away or reloadable, and eventually sectioned on the inside to contain, in proportion to its volume, the quantity of after shave lotion required for said shaves.



**EP 0 123 765 A1**

Shaving cream holder . incorporated in safety razors

Name Calmonte Renzo

The invention concerns a container for shaving cream under pressure, applied as the handle of safety razors and holding in a separate section a small quantity of after shave lotion as well.

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It is known that in current use are safety razors made completely of plastic, except for the blade, in order to be used for a few shaves (5-8) and then discarded, particularly suitable for travellers and other user who are not in their homes.

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Another characteristic of said razors is that they are very small, however their great practicality is almost completely cancelled out by the need to carry, eventually in small travel bags, the can of pressurized shaving cream which, in contrast, is always of considerable size, containing enough material for approximately one hundred shaves.

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The aim of the invention is to realize a product of extreme practicality and low cost, containing in a single compact unit all the elements necessary for a limited number of complete shaves.

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This aim is achieved with the device according to the

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invention, consisting of a container, joined or applicable to the head of a safety razor, of approximately the same dimensions as the normal handle, filled with a small quantity of shaving cream under pressure, supplying a few shaves, corresponding to those obtainable with the blade incorporated in said razor head, and equipped with an outlet valve of known type, placed on the bottom or in correspondence with the head attachment.

As a variation the inside space of the container may be divided into two separate compartments, each characterized by the presence of its own outlet valve, so that it may contain in addition to the cream, a small quantity of after shave lotion, so that it makes up a single compact unit including blade, cream and lotion, that is the three components necessary to effect the shaves.

The invention is shown in some preferred purely exemplificative embodiments in the attached figures, which show:

- figure 1, an axonometric view of a safety razor with the device incorporated;
- figure 2, the rear view of an embodiment with outlet valve on the top;
- figure 3, the verticle section of an embodiment with a throw away container;
- figure 4, the view and partial section of a variant with a rechargeable container.

The drawings show in detail the preferably cylindrical or prismatic hollow body 1, of the shaving cream container 2, joined on construction in the upper portion 3, with the head 4 of the throw away type safety razor and equipped with valve 5 for outlet of the contents on the bottom end, so that it may be discarded with head 4 and container 1 once it has been used.

As a variation the container 1 may have an upper valve 6 placed near the attachment 3 of the head 4 and the safety razor.

As a further variation, the head 8 of the razor may be of the non - throw away type, equipped with changeable blades 9; the container device 10 may thus be screw on, with 7 in 11, or attached in same other way so it can be discarded when empty.

Furthermore, figure 4 shows a variant of container 12, fixed incorporated or assemblable, to the head 8 of the razor, but not throw away because it can be refilled through the cream inlet valve 13, by means of transferring the cream from spray can 14, through its outlet valve 15.

In all the variations, a portion of the container separate from that of the cream, can be filled with after shave lotion, to be removed through a separate valve distinct from that for the cream.

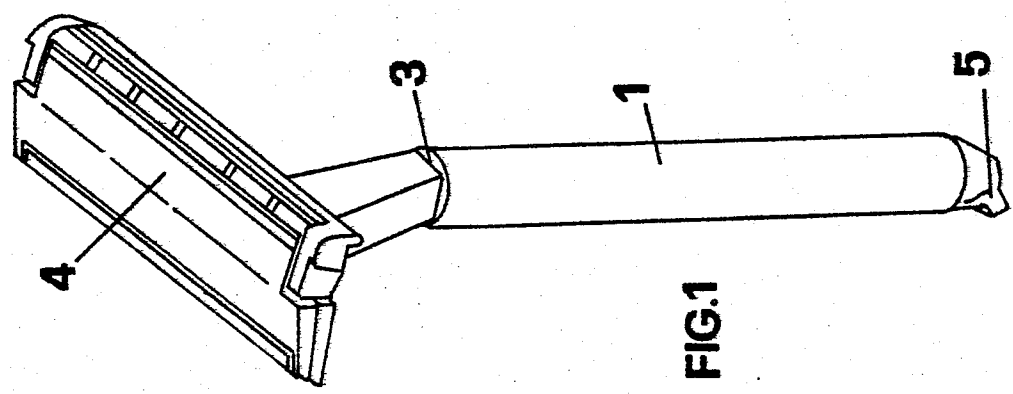
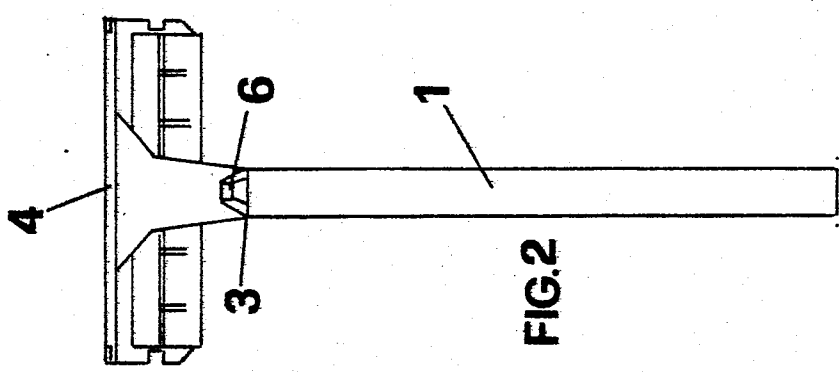
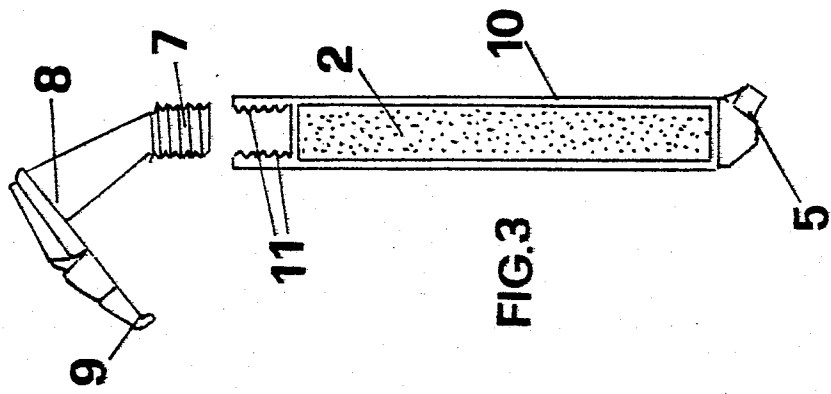
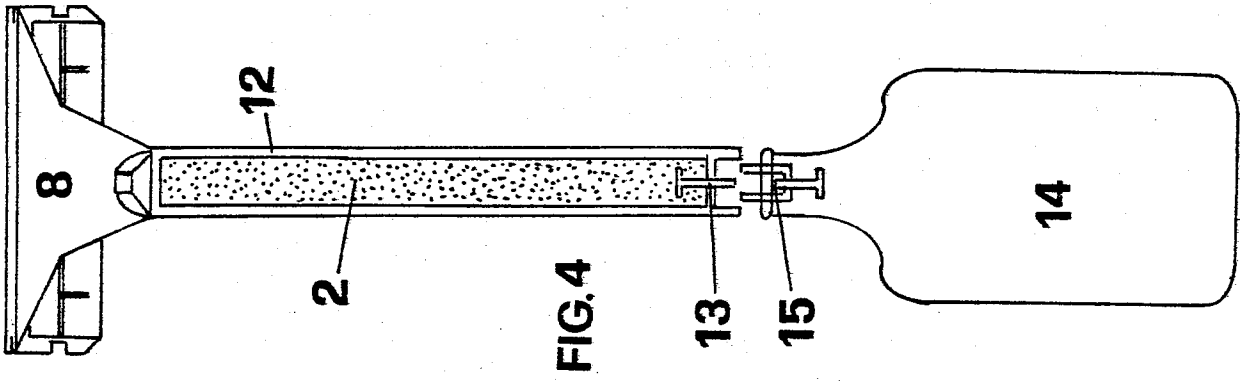
Of course, while the principle of the finding remains the same, the shapes and details of construction may be varied widely from that described and illustrated here, without going beyond the bounds of the present invention.

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Claims

1. Device incorporated in the handle of a safety razor carrying the quantity of shaving cream necessary for a few shaves, with outlet through its own outlet valve.  
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2. Device as claimed in claim 1 characterized by being joined on construction to the head 4 of a throw away safety razor.  
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3. Device as claimed in claim 1, characterized by being screwed on, with 7 in 11, to the head 8 of a razor with refillable blades 9, in order to be removed, thrown away and replaced when empty.  
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4. Device as claimed in claim 1 characterized by being refillable with cream by means of the cream inlet valve 13, from a cylinder 14.  
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5. Device as claimed in claim 1, characterized by the presence of outlet valve 5 on the bottom end.  
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6. Device as claimed in claim 1, characterized by the presence of upper valve 6 placed near the attachment 3 of the head 4 of the safety razor.
7. Device as claimed in claim 1 characterized by including, in a compartment separate from the cream, a portion to contain a modest quantity of after

shave lotion with its own outlet valve.







DOCUMENTS CONSIDERED TO BE RELEVANT				
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl. 3)	
X	US - A - 3 726 009 (HACKMYER) * Totality * --	1,2,6	B 26 B 21/44	
X	US - A - 4 023 269 (LOPEZ JR.) * Fig. 2; column 1, lines 42-59 * --	1,3,6		
X	DE - B - 1 045 282 (BARAM) * Totality * --	1,3		
X	US - A - 2 447 358 (NEUBURGER) * Totality * --	1,4		
X	US - A - 4 077 119 (SELLERA) * Totality * --	1		TECHNICAL FIELDS SEARCHED (Int. Cl. 3)
A	US - A - 4 129 942 (DENIZMAN) * Totality * --	5,7		B 26 B 21/00
A	US - A - 2 632 446 (ROSENZWEIG) * Fig. 1; column 3 * ----	5		
The present search report has been drawn up for all claims				
Place of search VIENNA		Date of completion of the search 20-07-1984	Examiner MANLIK	
<b>CATEGORY OF CITED DOCUMENTS</b> X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document		T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document		