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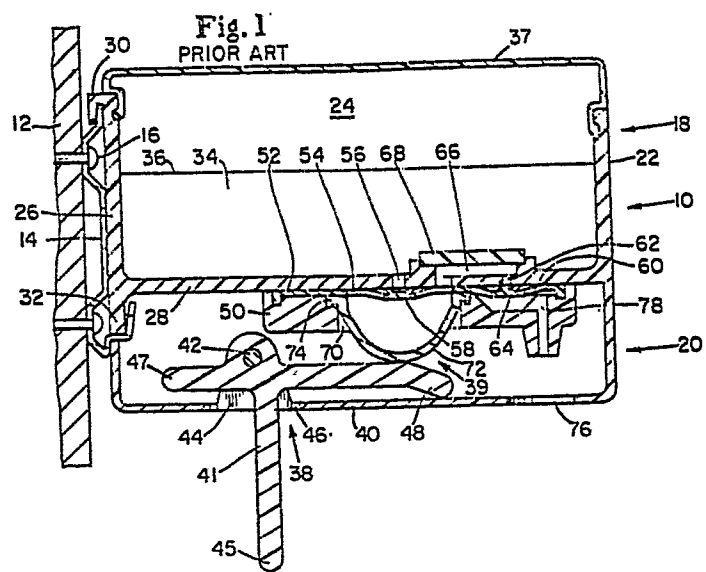
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(54) **Liquid soap dispenser with improved pumping mechanism.**

(57) A liquid soap dispensing system includes a closed soap reservoir (18) having a manually actuated pumping mechanism (39) located below and in fluid communication with the reservoir. The pumping mechanism basically comprises a cylindrical bowl (72) having an open end defined by a continuous side wall and a moveable, substantially rigid closed end that is attached about its periphery to the bowl's side wall. The dispenser also includes a hand-pulled lever (41) having two moving ends that pivot around a pivot pin (42) one end extending outside the dispenser for easy grasping thereof by the user with the other end being in sliding contact with the outer surface of the bowl's rigid end. In operation, a discrete quantity of liquid soap flows from the upper reservoir through a one-way valve and fills the bowl's interior cavity. When the lever's grasping end is pulled, the lever's bulb-contacting end pushes the bowl's rigid end up within the cross-section defined by the bowl's side wall toward the bowl's open end and forces the soap contained therein out through a discharge conduit and into the user's hand. When the lever is released, the bowl expands and draws another discrete charge of soap from the upper reservoir.





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EUROPEAN SEARCH REPORT

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EP 85 20 1446

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. 4)
X	FR-A-2 520 702 (GOURNELLE) * Page 10, line 36 - page 11, line 16; figures 2,13,14,16,17 *	1,6,9	A 47 K 5/12
Y		4,5	
Y,D	--- US-A-4 429 812 (STEINER et al.) * Column 5, line 38 - column 6, line 34; figure 3 * -----	4,5	
			TECHNICAL FIELDS SEARCHED (Int. Cl. 4)
			A 47 K B 65 D G 01 F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 12-06-1986	Examiner CLASING M.F.
CATEGORY OF CITED DOCUMENTS			
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	