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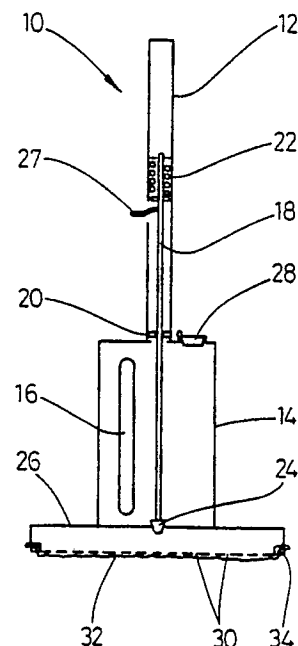
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Improved floor cleaning device.

An improved floor cleaning device (10) comprising a tube-like handle (12) of sufficient length for comfortable handling, one end of which is attached to a self-contained fluid reservoir (14). The reservoir (14) is mounted at its lower end to a horizontal manifold (26) and is connected to a fluid conduit formed therein via a hole at the bottom of the reservoir (14). The horizontal manifold (26) has holes (30) in its lower edge. A valve plug (24) provided at the interface between the reservoir (14) and the manifold (26) is movable by motion of a rod (18) connected to a trigger (27) mounted near the other end of the handle (12). Trigger movement of the valve plug (24) allows control of the flow of washing fluid from the reservoir (14) to the fluid conduit in the manifold (26), and through the holes (30) in the lower edge thereof to wet a cleaning material (32) such as a cloth attached to the manifold (26). By controlling the operation of the valve plug (24), the proper amount of washing fluid may be released as required by the cleaning job being performed.

EP 0 308 032 A3





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	US-A-2243607 (S. ROSEN & AL) * column 2, line 20 - column 4, line 19; figures 1, 2, 4, 5 *	1, 2-4, 6, 7, 10	A47L13/22
X	US-A-2633590 (B.A. MITCHELL) * the whole document *	1, 2, 6, 7, 10	
X	US-A-4119386 (E.W. CUSHING) * column 3, line 15 - column 5, line 20; figures 1-3 *	1-4, 7	
X	CH-A-347618 (P. BRAUN) * the whole document *	1, 2, 6, 7, 10	
X	GB-A-928949 (BISSEL INC) * page 2, line 9 - page 3, line 44; figures 1-3, 5, 6 *	1, 2, 5, 7, 10	
X	GB-A-841012 (BISSEL CARPET SWEEPER CY) * page 2, line 55 - page 3, line 47; figures 1-8 *	1, 2, 5, 6, 9, 10	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			A47L
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 05 JULY 1990	Examiner VANMOL M.
CATEGORY OF CITED DOCUMENTS		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 I : document cited for other reasons & : member of the same patent family, corresponding document	
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			