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A method and device for the supply of conditioned air.

When supplying conditioned air to locations or rooms (1) on a floor or story of a multi-story building, an air conditioning unit (2) will deliver conditioned air to a cavity (3) located beneath a floor surface of the floor or story served by the unit. Box-like supply air terminal devices (10) are placed over openings provided at desired positions in the floor surface. The terminal devices comprise a centrally positioned supply channel (14) and a thermostat controlled valve means for regulating the amount of air supplied. Circulated air is introduced into the unit (2) at a level within the occupied zone of the location or room served. The floor connected supply air terminal devices lack separate fans and deliver air at a level which is less than about 1 meter above the level of the floor surface, whereas contaminated air is discharged from the location or room through exhaust air terminal devices located immediately beneath the ceiling of the location served. The supply air terminal devices (10) may be located in the vicinity of work areas, e.g. writing desks present in the location or room served, and are provided with a space through which cables can be drawn to respective work places.

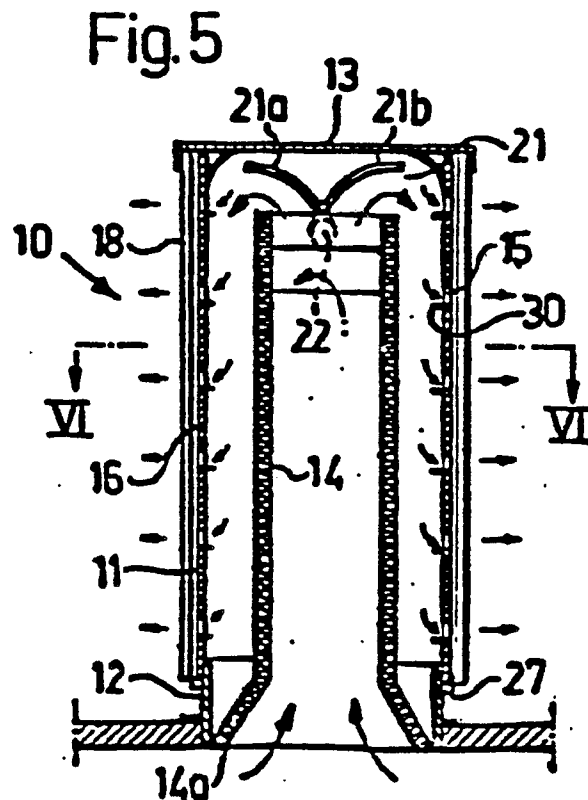
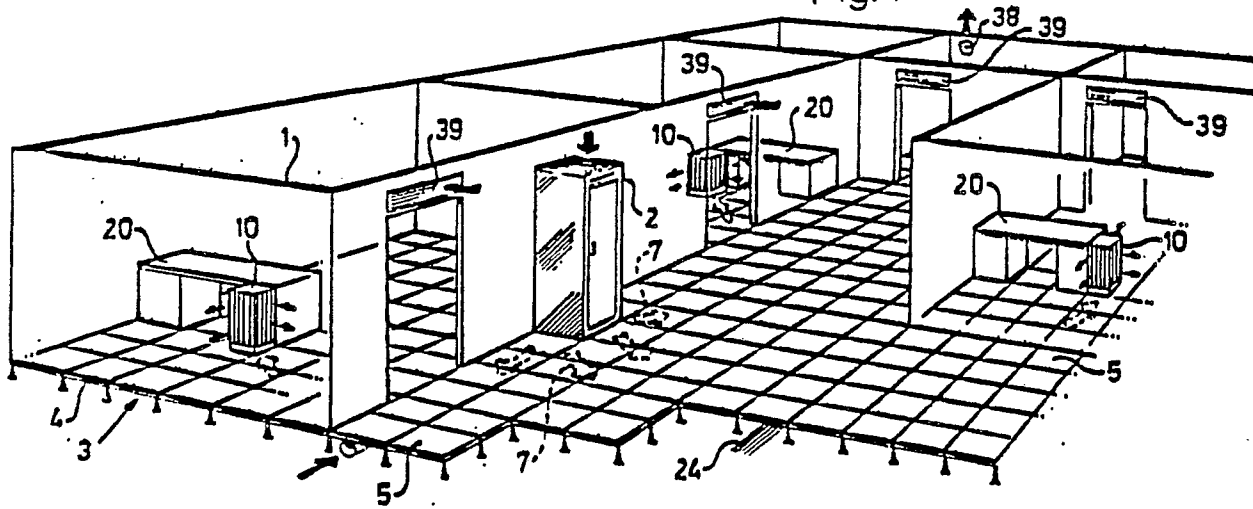


Fig. 1





EP 89 85 0115

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)
A	DE-A-2938702 (LTG) * page 7, paragraph 2 - page 8, paragraph 2; figure 1 * ---	1, 7	F24F3/044 F24F13/06
A	DE-A-2407448 (KESSLER & LUCH) * page 2, line 3 - page 2, line 12; figure 5 * ---	1, 7	
A	DE-A-2754699 (LIND) -----		
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			F24F
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 15 JUNE 1990	Examiner PESCHEL G.
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			