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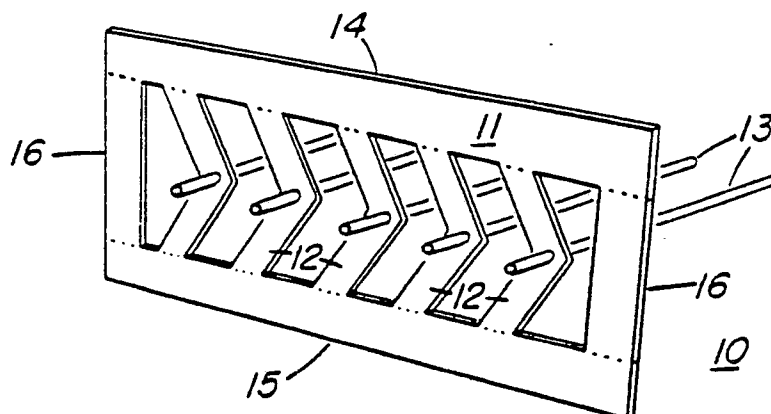
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54 **Flexible print wire guide for dot matrix printers.**

57 A flexible print wire guide assembly (10) for use with dot matrix printers having combination frame (14,15,16) and plurality of angularly shaped flexible print wire guides (12) formed or etched from a single plate. The angularly shaped flexible print wire guides (12) are in parallel spaced relationship so as to place the vertices of the print wire guides (12) in a pre-determined pattern. Print wires (13) extend through apertures near the vertex of each wire guide and are welded or brazed to the flexible wire guides (12). The print wires (13) are directly attached at the opposite ends to solenoid drivers. When a particular solenoid driver is actuated, the print wire (13) is pushed forward, with the flexible print wire guide (12) bending to allow the forward motion.

FIG 1





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)
D,A	DD-A- 141 137 (VEB ROBOTRON-BUEROMASCHINENWERK SOEMMERDA) * claim 1; figures 1,4 * ---	1,2,4,9	B 41 J 3/12
A	PATENT ABSTRACTS OF JAPAN vol. 10, no. 163 (M-487)(2219) 11 June 1986; & JP - A - 61 16866 (NIPPON DENKI K.K.) 24.01.1986 ---	1	
D,A	US-A-4 134 336 (E.D. BRINGHURST) * column 4, lines 55-63; figures 4,5 * -----	1,4,5,9	
			TECHNICAL FIELDS SEARCHED (Int. Cl.4)
			B 41 J 3/00
The present search report has been drawn up for all claims			
Place of search BERLIN		Date of completion of the search 13-12-1989	Examiner DUCREAU F B
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			