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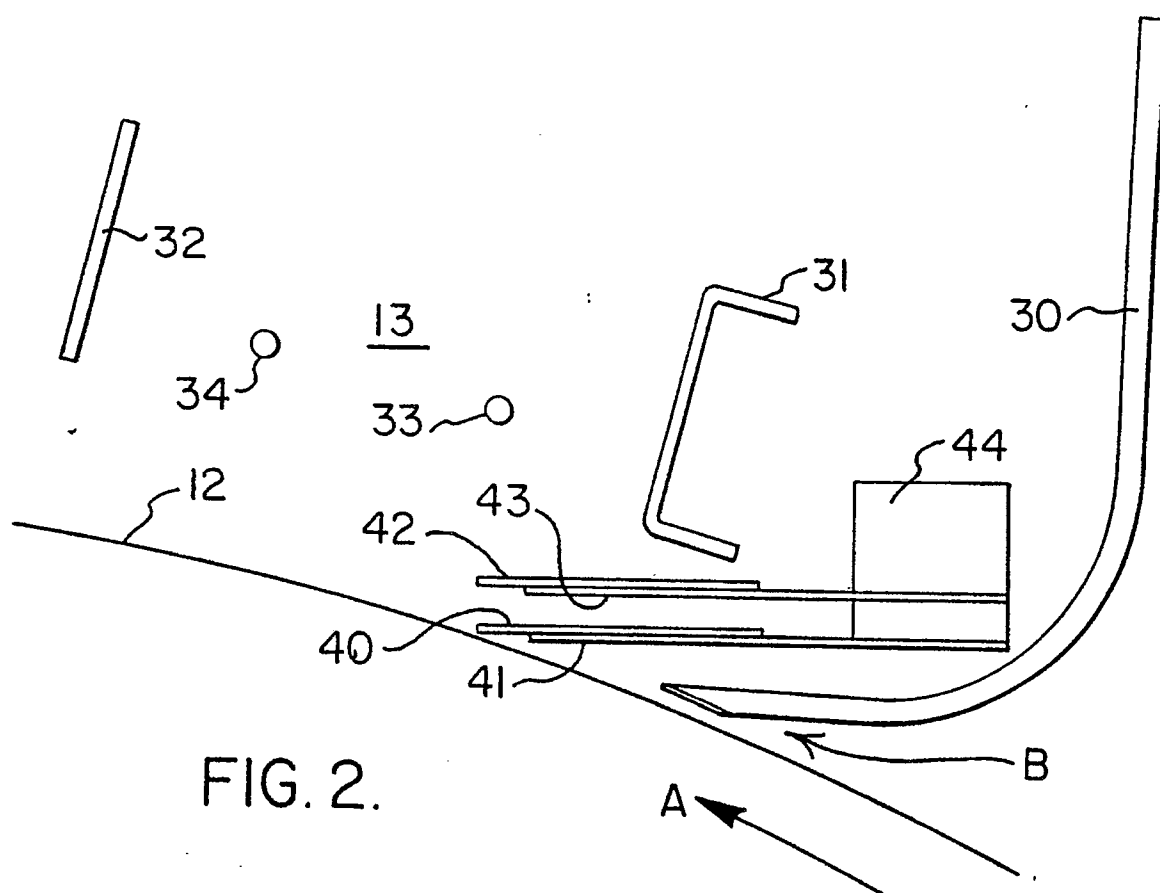
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(54) **Electrophotographic machine with efficient transfer.**

(57) An electrophotographic machine with a transfer corona generator (13) for producing ionic flow to the backside of print paper to electrostatically attach the paper to the photoreceptive image bearing surface (12). The machine includes a flexible support member (40-44) which is movably mounted to mechanically press the print paper against the photoreceptive surface within the transfer zone, preferably at or

near the region of peak transfer charge distribution. In that manner, charge from the transfer corona attaches the print paper to the photoreceptive surface at the line of release from the mechanical pressure applied by the flexible support member and thereby eliminates voids in the transfer of toner to print paper caused by air gaps between the paper and the photoreceptive surface.





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EUROPEAN SEARCH REPORT

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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.5)
X	PATENT ABSTRACTS OF JAPAN vol. 11, no. 370 (P-642)(2817), 3 December 1987; & JP - A - 141585 (MATSUSHITA ELECTRIC) 25.06.1987 -- --	1-3,6,7	G 03 G 15/16
X	GB-A-2 207 424 (MITA INDUSTRIAL) * figures 1,4 * -- --	1-3,6	
X	DE-B-2 359 331 (XEROX) * claims 1-10; figures 1,2 * -- --	1-3,5,6	
E	US-A-4 847 652 (Z. MASUDA et al.) * complete document * -- --	1-3,6	
A	PATENT ABSTRACTS OF JAPAN vol. 7, no. 109 (P-196)(1254), 12 May 1983; & JP - A - 5830776 (MATSUSHITA DENKI SANGYO) 23.02.1986 -- --	1,2	
A	PATENT ABSTRACTS OF JAPAN vol. 10, no. 188 (P-473)(2244), 3 July 1986; & JP - A - 6132080 (FUJI XEROX) 14.02.1986 -- --	1,2	
A	PATENT ABSTRACTS OF JAPAN vol. 13, no. 43 (P-821)(3391), 31.01.1989; & JP - A - 63239478 (NEC CORP) 05.10.1988 -- -- -- --	1,2	
The present search report has been drawn up for all claims			
Place of search Berlin		Date of completion of search 23 May 91	Examiner HOPPE H
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			