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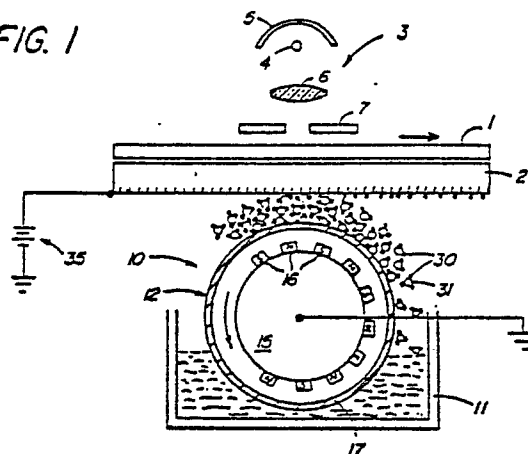
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(54) Improved electrophotographic apparatus and method for use with electrophotosensitive toner.

(57) An electrophotographic apparatus and method for use with electrophotosensitive toner are disclosed for electrophotographic imaging. Improved image density, color separation and toner background deposition levels are achieved by triboelectrically charging a dry, powdered, electrophotosensitive toner (30) by interaction with an applicator, e.g., a magnetic brush (12), and then moving such toner (30) into contact with an oppositely-charged electrode member (2). Upon exposure of a light image of an original (1) at the interface between the toner application station (10) and the image electrode (2), the unexposed toner particles (30) transfer to the image electrode (2) and the exposed particles (30) are discharged and not deposited on that member. A positive reproduction of the original is thus formed.

FIG. 1



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DOCUMENTS CONSIDERED TO BE RELEVANT			CLASSIFICATION OF THE APPLICATION (Int. Cl. ³)
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	
-	GB- A - 950 297 (UHRIG) * claims 1,7,8; page 1, line 83 to page 2, line 37 *	1,2	G 03 G 15/22 G 03 G 13/01 G 03 G 13/22 G 03 G 15/01 G 03 G 17/00
-	DE - B - 1 910 068 (EASTMAN KODAK) * fig. 3; column 6, line 30-34 *	1,3,4,9	
D	US - A- 3 100 426 (KAPRELIAN) * claims 1,2,3; fig. 18 *	1,2,4,5,6	
-	R.M. SCHAFFERT "ELECTROPHOTOGRAPHY" 1965, FOCAL PRESS, London and New York, page 80 to 81 * page 81; fig. 45 *	1	
A	US - A - 3 703 335 (XEROX) * fig. 1 *		
A	DE - B - 2 055 993 (XEROX) * fig.; column 2, line 52 to 58 *		
A	DE - A - 1 907 903 (XEROX) * claims 1-3; fig. 1,2 *		
			TECHNICAL FIELDS SEARCHED (Int.Cl. ³)
			G 03 G 9/00 G 03 G 9/10 G 03 G 9/14 G 03 G 13/00 G 03 G 13/01 G 03 G 13/04 G 03 G 13/08 G 03 G 13/22 G 03 G 15/00 G 03 G 15/01 G 03 G 15/04 G 03 G 15/08 G 03 G 15/22
			CATEGORY OF CITED DOCUMENTS
			X: particularly relevant A: technological background O: non-written disclosure P: intermediate document T: theory or principle underlying the invention E: conflicting application D: document cited in the application L: citation for other reasons
			&: member of the same patent family, corresponding document
The present search report has been drawn up for all claims			
Place of search	Date of completion of the search	Examiner	
Berlin	26-10-1978	HOPPE	