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(54) **Method and apparatus for forming two toner images in a single frame.**

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(57) A composite toner image made up of first and second toners is formed on an image member (1). A first electrostatic image of a first polarity is formed on the image member (1). That electrostatic image is toned with a first toner of the first polarity. The image member (1) is imagewise exposed to create a second electrostatic image also of the first polarity. Exposure is overlapped into the portion of the image member (1) under the first toner image to prevent any charge on the photoconductor of the first polarity underneath the first toner image from repelling

toner into the portions of the second electrostatic image that are discharged. Preferably, the second exposure is accomplished through the base (3) of the image member in order to thoroughly expose portions of the electrostatic image underneath the first toner image. A web image member (1) is conveniently exposed through its base (3) by a printhead (17) mounted in an assembly (50) including a positioning bar (70) for properly spacing the printhead (17) and a lens 54 from the image member 1.

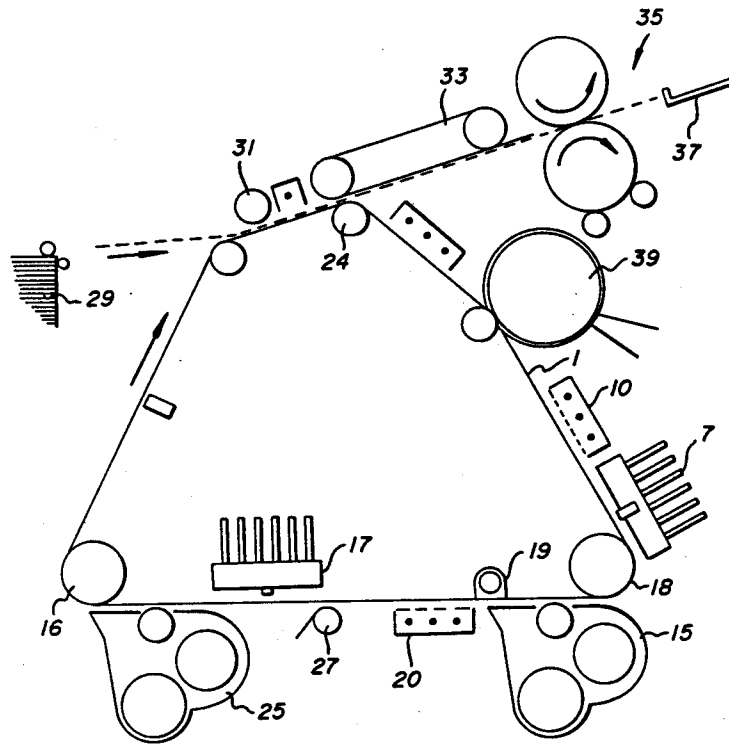


FIG. 1



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EUROPEAN SEARCH REPORT

Application Number
EP 94 10 7101

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)
D,X D,Y D,A	US-A-5 001 028 (MOSEHAUER ET AL.) * abstract; figure 1 * * column 4, line 43 - line 65 * ---	1 2 3-8	G03G15/01 G03G15/04
D,Y D,A	US-A-5 053 821 (KUNUGI ET AL.) * abstract; figures 1,2 * ---	2 1,3-8	
D,A	US-A-4 778 740 (TAKASHIMA ET AL.) * the whole document * ---	1,2	
A	PATENT ABSTRACTS OF JAPAN vol. 10, no. 119 (P-453) (2176) 6 May 1986 & JP-A-60 247 264 (NIPPON SEIKOSHO K.K.) 6 December 1985 * abstract * ---	1,2	
A	EP-A-0 380 132 (OKI ELECTRIC IND. CO., LTD.) * abstract; claims; figures * ---	1,2	TECHNICAL FIELDS SEARCHED (Int.Cl.5)
A	JOURNAL OF IMAGING TECHNOLOGY, vol.16, no.6, December 1990, SPRINGFIELD US pages 228 - 233 YAMAMOTO ET AL. 'Novel Color Electrophotography: One Drum Color Superimposing Process' * the whole document * -----	1,2	G03G
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 11 August 1994	Examiner Leisner, C
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			



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CLAIMS INCURRING FEES

The present European patent application comprised at the time of filing more than ten claims.

- ☐ All claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for all claims.
- ☐ Only part of the claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims and for those claims for which claims fees have been paid,
namely claims: _____
- ☐ No claims fees have been paid within the prescribed time limit. The present European search report has been drawn up for the first ten claims.

LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirement of unity of invention and relates to several inventions or groups of inventions,
namely:

See sheet -B-

- ☐ All further search fees have been paid within the fixed time limit. The present European search report has been drawn up for all claims.
- ☐ Only part of the further search fees have been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the inventions in respect of which search fees have been paid,
namely claims: _____
- ☒ None of the further search fees has been paid within the fixed time limit. The present European search report has been drawn up for those parts of the European patent application which relate to the invention first mentioned in the claims.

namely claims: 1-9



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LACK OF UNITY OF INVENTION

The Search Division considers that the present European patent application does not comply with the requirement of unity of invention and relates to several inventions or groups of inventions, namely:

1. Claims 1-9 : A method for single frame multicolour imaging.
2. Claims 10-12: A linear printhead assembly.