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(54) **LED array head type electrophotographic recording apparatus.**

(57) In an LED array head type electrophotographic recording apparatus in which a latent image is formed on a photosensitive member (40) by light emitted from an LED array (1A), and is then developed into a visible image; the LED array comprises: a PN junction semiconductor (2 through 7) for emitting light; and a light blocking layer (8) formed in such a manner as to cover the light emitting surface of the PN junction semiconductor, and having a plurality of small holes 8a at predetermined intervals through which the light emitted from the PN junction semiconductor is passed in the form of light beams, and the distance between the LED array (1A) and the photosensitive member (40) is limited to a predetermined distance or less with which the light beams advancing through the small holes do not interfere with one another.

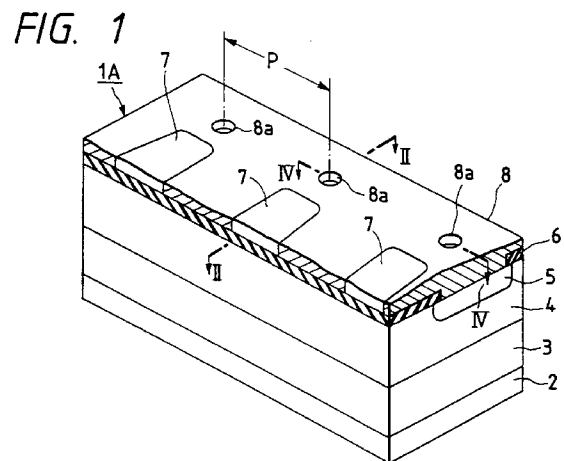
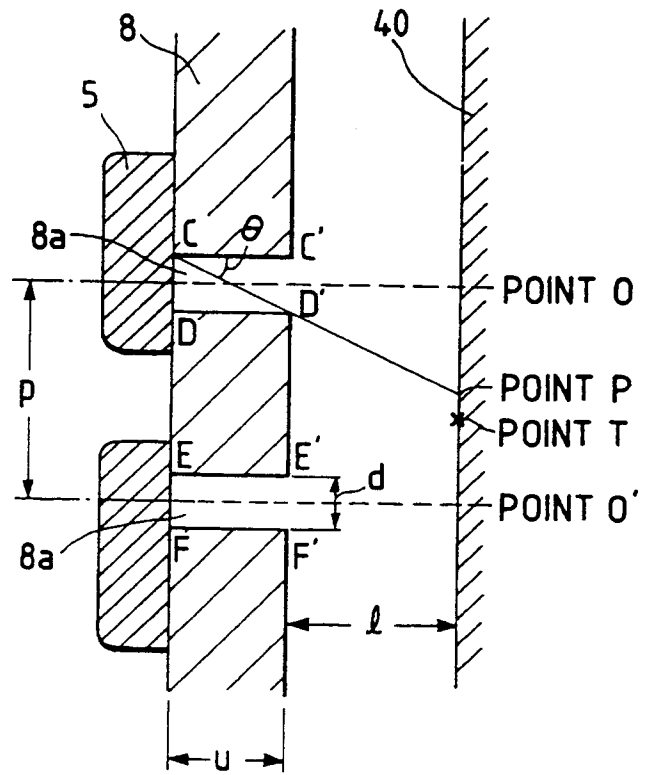


FIG. 4





European Patent
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EUROPEAN SEARCH REPORT

Application Number

EP 92 10 8597

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. 41 (E-478)6 February 1987 & JP-A-61 207 086 (OKI) * abstract *	1	B41J2/45
A	---	2-5	
X	US-A-4 990 972 (SATO) * column 7, line 19 - column 8, line 39; figures 4,5 *	1	
A	---	2-5	
A	XEROX DISCLOSURE JOURNAL vol. 10, no. 6, November 1985, pages 313 - 320 DANIELE 'High resolution, high efficiency infrared LED printing array and fabrication method.'	1-5	
A	FR-A-2 592 227 (RICOH RESEARCH/MITSUBISHI)	1-5	
P,X P,A	EP-A-0 453 612 (MITSUBICHI)	1 2-5	TECHNICAL FIELDS SEARCHED (Int. Cl.5)
	-----		B41J H01L
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 08 DECEMBER 1992	Examiner ADAM E.M.P.
CATEGORY OF CITED DOCUMENTS		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	
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			

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