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(72) Inventor: **Maeda, Shuichi**  
**Yokohama-shi, Kanagawa-ken (JP)**

(74) Representative: **Butler, Lance**  
**Barker Brettell**  
**10-12 Priests Bridge**  
**London SW15 5JE (GB)**

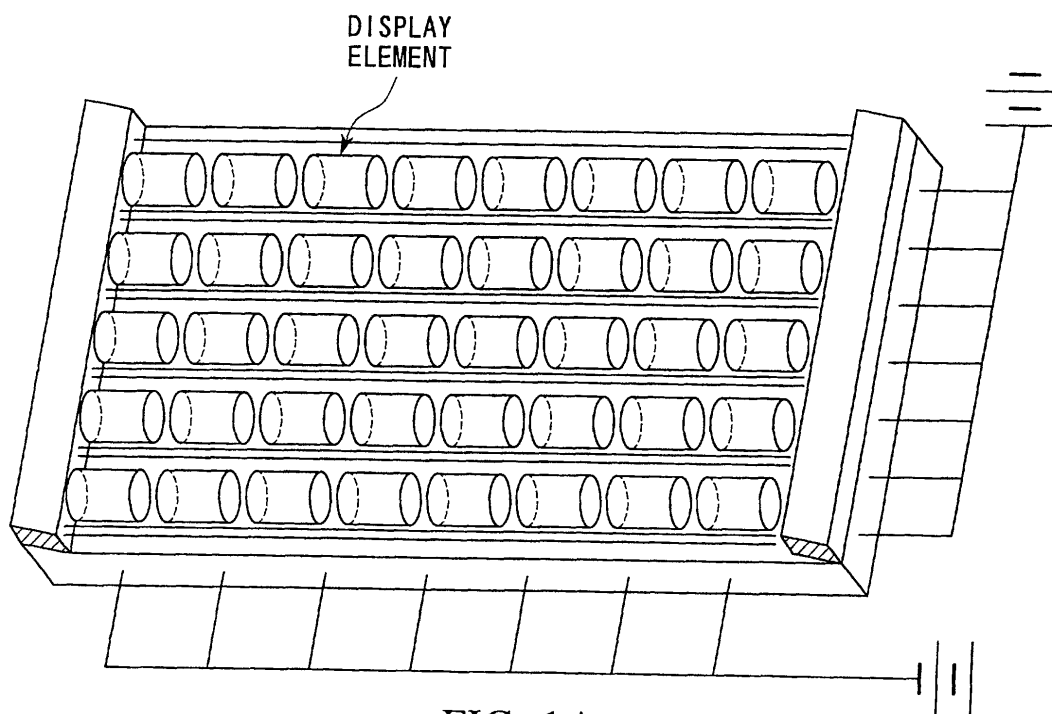
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(71) Applicant: **OJI PAPER CO., LTD.**  
**Tokyo (JP)**

(54) **Display unit, display device, and method for manufacturing the display device**

(57) A display unit includes a transparent hollow tube member and at least one display element sealed in the transparent hollow tube member. The display element is capable of rotating independently in the hollow tube member. Also, the display element has a surface

which is divided into a plurality of areas having different colors and is polarized to have at least two poles having a different electrification state. An image formed by a display device including the display units is kind to the eye in the same way as printed matter, and does not cause eyestrain due to flickering of emitted light.



**FIG. 1A**

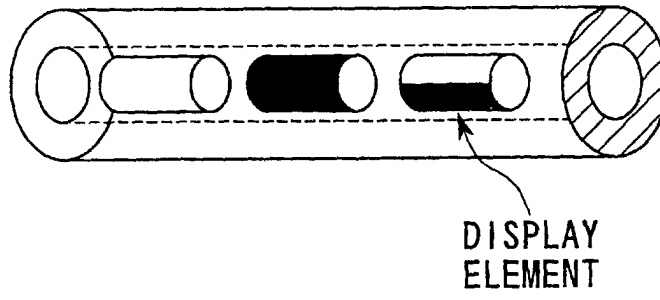


FIG. 1B



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# EUROPEAN SEARCH REPORT

Application Number  
EP 01 30 9224

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A	* abstract; claim 1; figure 1 *	2-16	
X	EP 0 913 803 A (XEROX CORP) 6 May 1999 (1999-05-06)	1	
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A	US 6 055 091 A (SHERIDON NICHOLAS K ET AL) 25 April 2000 (2000-04-25) * claim 1; figure 1 *	1-16	
A	DE 40 08 825 A (ROSE WALTER GMBH & CO KG) 14 March 1991 (1991-03-14) * abstract; claims 1,2 *	1	
The present search report has been drawn up for all claims			
Place of search		Date of completion of the search	Examiner
The Hague		22 April 2004	Romeo, V
<p><b>CATEGORY OF CITED DOCUMENTS</b></p> <p>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</p> <p>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  &amp; : member of the same patent family, corresponding document</p>			

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**ANNEX TO THE EUROPEAN SEARCH REPORT  
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This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.  
The members are as contained in the European Patent Office EDP file on  
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