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(71) Applicant: **XEROX CORPORATION**  
**Xerox Square - 020**  
**Rochester New York 14644(US)**

(72) Inventor: **Swift, Joseph A.**

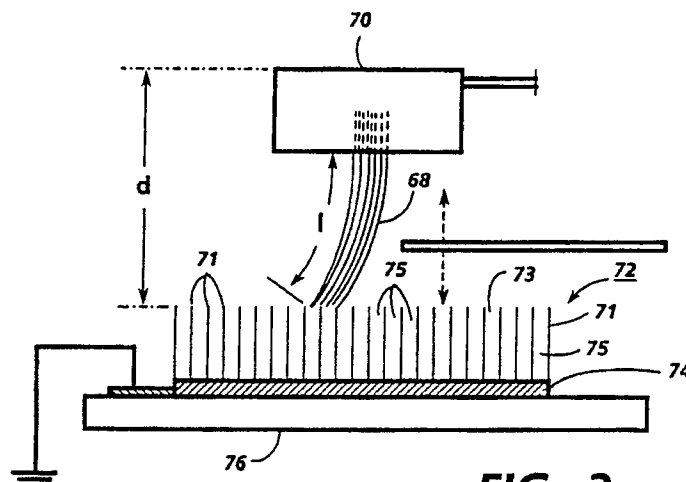
**PO Box 118**  
**Union Hill New York 14653(US)**  
Inventor: **Wallace, Stanley J.**  
**7424 Trillium Trail**  
**Victor New York 14564(US)**  
Inventor: **Courtney, John E.**  
**128 Pannell Road**  
**Macedon New York 14502(US)**  
Inventor: **Peck, Wilbur M.**  
**227 Ripplewood Drive**  
**Rochester New York 14616(US)**

(74) Representative: **Hill, Cecilia Ann et al**  
**Rank Xerox Patent Department Albion**  
**House, 55 New Oxford Street**  
**London WC1A 1BS(GB)**

(54) **Device for conducting electrical current.**

(57) An electrical device has two electrical contact components (68,72) at least one of which is a pultruded composite member made of a plurality of small diameter conductive fibers (71) in a polymer matrix (75), the fibers being oriented in the matrix in

a direction substantially parallel to the axial direction of the pultruded composite member and being continuous from one end of the member to the other to provide a plurality of potential electrical contacts at each end of the member.



**FIG. 3**

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# EUROPEAN SEARCH REPORT

EP 89 31 1831

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)
A,D	US-A-4 347 287 (LEWIS ET AL.) * abstract; figure 2 * - - -	1	H 01 H 1/02 H 01 H 11/04 H 01 R 39/24
A	US-A-4 415 635 (WILSDORF ET AL.) * abstract; figures 1a-b * - - -	1	
A	US-A-3 254 189 (EVANICKO ET AL.) * column 2, lines 19 - 72; figures 1, 2 * - - -	1	
A	DE-A-3 137 098 (SUMITOMO CHEM.CO.LTD.) * abstract * - - - - -	1	
			TECHNICAL FIELDS SEARCHED (Int. Cl.5)
			H 01 H H 01 R G 03 G H 05 F
The present search report has been drawn up for all claims			
Place of search The Hague		Date of completion of search 16 May 91	Examiner HORAK A.L.
<div>CATEGORY OF CITED DOCUMENTS</div> <div>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</div> <div>E: earlier patent document, but published on, or after the filing date D: document cited in the application L: document cited for other reasons</div> <div>&amp;: member of the same patent family, corresponding document</div>			