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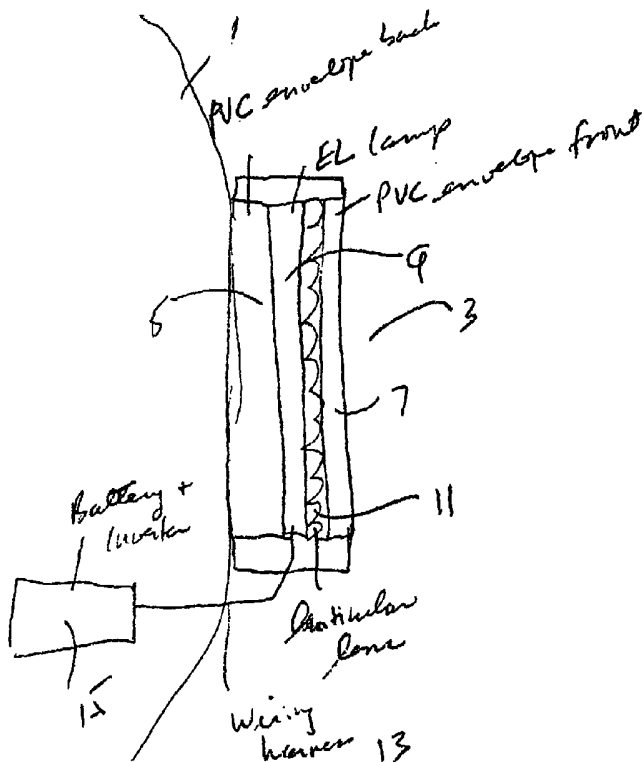
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- (71) Applicant (for all designated States except US): LIGHT-SPORT PRODUCTS, INC. [US/US]; 2660 Airport Road, Suite 750, Santa Teresa, NM 88008 (US).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): ONO, Bryan, K.
- (74) Agent: GUNTER, Charles, D., Jr.; Whitaker, Chalk, Swindle & Sawyer, LLP, 3500 City Center Tower II, 301 Commerce Street, Fort Worth, TX 76102-4186 (US).
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[Continued on next page]

(54) Title: LENTICULAR DISPLAY BACKLIT BY AN ELECTRO-LUMINESCENT LIGHT SOURCE



(57) Abstract: The present invention provides an article of clothing with a backlit translucent lenticular lens display that emits light that allows animation and special effects by design which can distinguish the user by the performance of an article of clothing. A garment has attached to a surface a display module having a substantially flat PVC envelope enclosing an electro-luminescent lamp layer and a translucent lenticular lens layer. The electro-luminescent lamp layer is energized by an electrical signal from a control electronic circuit. The electro-luminescent layer may be divided into segments where each segment functions as an independent electro-luminescent layer receiving a potential having a pattern of illumination that is determined by the control electronic circuit. The invention can be used in safety apparel where the resulting pattern is a bright surface having the shape of a caution warning

WO 2005/018353 A3



European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/26766

A. CLASSIFICATION OF SUBJECT MATTER IPC(7) : F21V 9/16 US CL : 362/84 According to International Patent Classification (IPC) or to both national classification and IPC																							
B. FIELDS SEARCHED Minimum documentation searched (classification system followed by classification symbols) U.S. : 362/84, 103-106, 108, 156, 240, 305-310, 368, 565-570; 40/454, 544; 36/137; 375/102; 354/819 Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched NONE Electronic data base consulted during the international search (name of data base and, where practicable, search terms used) Please See Continuation Sheet																							
C. DOCUMENTS CONSIDERED TO BE RELEVANT <table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 10%;">Category *</th> <th style="width: 70%;">Citation of document, with indication, where appropriate, of the relevant passages</th> <th style="width: 20%;">Relevant to claim No.</th> </tr> </thead> <tbody> <tr> <td style="text-align: center;">Y</td> <td>US 6,428,366 A (ELCHENLAUB) 27 June 2001 (27.06.2001) see entire document.</td> <td style="text-align: center;">1-6</td> </tr> <tr> <td style="text-align: center;">Y</td> <td>US 2001/0004808 A1 (HURWITZ) 28 June 2001 (28.06.2001) see entire document.</td> <td style="text-align: center;">1-6</td> </tr> <tr> <td style="text-align: center;">A, E</td> <td>US 6,865,033 B2 (LAVERTY) 08 March 2005 (08.03.2005) see entire document.</td> <td style="text-align: center;">1-6</td> </tr> <tr> <td style="text-align: center;">A, P</td> <td>US 6,751,898 B2 (HERPOPOULOS et al) 22 June 2004 (22.06.2004) see entire document.</td> <td style="text-align: center;">1-6</td> </tr> <tr> <td style="text-align: center;">A</td> <td>US 5,845,987 A (PAINTER) 08 December 1998 (08.12.1998) see entire document.</td> <td style="text-align: center;">1-6</td> </tr> <tr> <td style="text-align: center;">A</td> <td>US 5,268,827 A (GRANNEMAN et al) 07 December 1993 (07.12.1993) see entire document.</td> <td style="text-align: center;">1-6</td> </tr> </tbody> </table>			Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.	Y	US 6,428,366 A (ELCHENLAUB) 27 June 2001 (27.06.2001) see entire document.	1-6	Y	US 2001/0004808 A1 (HURWITZ) 28 June 2001 (28.06.2001) see entire document.	1-6	A, E	US 6,865,033 B2 (LAVERTY) 08 March 2005 (08.03.2005) see entire document.	1-6	A, P	US 6,751,898 B2 (HERPOPOULOS et al) 22 June 2004 (22.06.2004) see entire document.	1-6	A	US 5,845,987 A (PAINTER) 08 December 1998 (08.12.1998) see entire document.	1-6	A	US 5,268,827 A (GRANNEMAN et al) 07 December 1993 (07.12.1993) see entire document.	1-6
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Date of the actual completion of the international search 20 April 2005 (20.04.2005)	Date of mailing of the international search report <div style="text-align: right; font-size: 1.2em; font-weight: bold;">28 APR 2005</div>																						
Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (703) 305-3230	Authorized officer Jose Dees <i>for Maria M. Chapman</i> Telephone No. 571-272-1569																						

INTERNATIONAL SEARCH REPORT

International application No.
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Continuation of B. FIELDS SEARCHED Item 3:

EAST; US-PGPUG; USPAT; EPO; JPO; DERWENT; IBM-TDB; electrolumines\$6 (dispay or sign), (plastic) (housing or casing or envelope or enclosure).