

(19) World Intellectual Property Organization
International Bureau



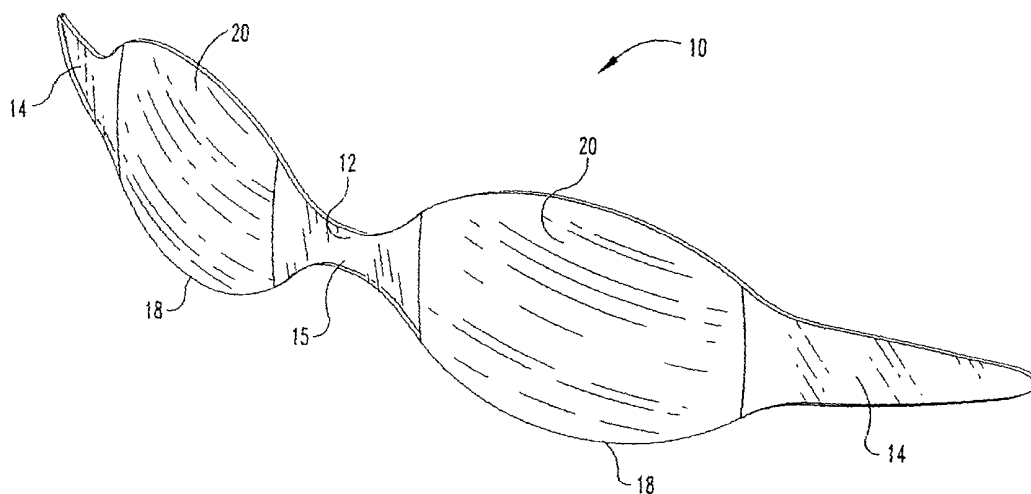
(43) International Publication Date
24 January 2002 (24.01.2002)

PCT

(10) International Publication Number
WO 02/06881 A3

- (51) International Patent Classification⁷: A61F 9/02
- (21) International Application Number: PCT/US01/19391
- (22) International Filing Date: 18 June 2001 (18.06.2001)
- (25) Filing Language: English
- (26) Publication Language: English
- (30) Priority Data:
09/615,394 13 July 2000 (13.07.2000) US
- (71) Applicant (for all designated States except US): ETS, INC. [US/US]; 6270 Corporate Drive, Indianapolis, IN 46278 (US).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): SHAUL, Steven, D. [US/US]; 4980 West Road 100 North, Bargersville, IN 46106 (US).
- (74) Agents: MEYER, Charles, J. et al.; Woodard, Emhardt, Naughton, Moriarty & Mcnett, Bank One Center/Tower, Suite 3700, 111 Monument Circle, Indianapolis, IN 46204 (US).
- (81) Designated States (national): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, US, UZ, VN, YU, ZA, ZW.
- (84) Designated States (regional): ARIPO patent (GH, GM, KE, LS, MW, MZ, SD, SL, SZ, TZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE, TR), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG).
- Published:
— with international search report
- (88) Date of publication of the international search report:
13 June 2002
- For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: ULTRAVIOLET RADIATION PROTECTIVE EYEWEAR AND PACKAGING



(57) Abstract: A preferred embodiment of the present invention is an eye protector (10) and packaging for providing ultraviolet radiation protection to individuals. The protective eyewear (10) includes a flexible, substantially flat substrate member (12) having eye covering portions (18). A bridge portion (12) connects the eye covering portions (18), and temple segments (14) extend from opposing ends of the eye covering portions. An ultraviolet absorbing material (20) is applied over the eye covering portions (18). A contact adhesive (16) is applied to the substrate (12), preferably along the temple segments (14). The contact adhesive (16) removably adheres the eyewear (10) to a substantially flat backing member (30) or to an individual's temples.



WO 02/06881 A3

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US01/19391

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61F 9/02
US CL : 2/432

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. : 2/432, 15; 128/857, 858; 351/44, 45, 47

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 4,122,847 A (CRAIG) 31 October 1978 (31.10.1978), entire document.	1-24
A	US 4,331,136 A (RUSSELL ET AL.) 25 May 1982, entire document.	1-24
A	US 4,411,263 A (COOK) 25 October 1983 (25.10.1983), entire document.	1-24
A	US 4,635,625 A (TEEPLE) 13 January 1987 (13.01.1987), see entire document.	1-24
X	US 4,649,908 A (GHALY) 17 March 1987 (17.03.1987), entire document.	14, 15

Y		
A	US 5,425,380 A (HUDSON ET AL.) 20 June 1995 (20.06.1995), entire document.	1-24
A	US 5,740,550 A (YAVITZ) 21 April 1998 (21.04.1998), entire document.	1-24

Further documents are listed in the continuation of Box C. See patent family annex.

* Special categories of cited documents:	
"A" document defining the general state of the art which is not considered to be of particular relevance	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"E" earlier application or patent published on or after the international filing date	"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"Y" document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"O" document referring to an oral disclosure, use, exhibition or other means	"&" document member of the same patent family
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search

08 September 2001 (08.09.2001)

Date of mailing of the international search report

26 MAR 2002

Name and mailing address of the ISA/US

Commissioner of Patents and Trademarks
Box PCT
Washington, D.C. 20231

Facsimile No. (703)305-3230

Authorized Officer

John J. Calvey

Telephone No. 703-308-0861

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US01/19391

C. (Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X --- Y	US 5,887,590 A (PRICE) 30 March 1999 (30.03.1999), entire document.	17-21
X --- Y	US 5,970,515 A (FISHBAUGH) 26 October 1999 (26.10.1999), entire document.	1-11, 16-24
A	US 6,019,103 A (CARROLL) 01 February 2000, (01.02.2000), entire document.	1-24
A,P	US 6,131,208 A (BANKS) 17 October 2000 (17.10.2000), entire document.	1-24