(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization
International Bureau

(43) International Publication Date
21 December 2007 (21.12.2007)

PCT

(10) International Publication Number
WO 2007/146028 A3

(51) International Patent Classification:
G02C 9/00 (2006.01) *A61F 9/02* (2006.01)

(21) International Application Number:
PCT/US2007/013370

(22) International Filing Date: 6 June 2007 (06.06.2007)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/811,325 6 June 2006 (06.06.2006) US

(71) Applicant *(for all designated States except US)*: **CABOT SAFETY INTERMEDIATE CORPORATION** [US/US]; 650 Dawson Drive, Newark, DE 19713 (US).

(72) Inventor; and

(75) Inventor/Applicant *(for US only)*: **STANLEY, Glen** [US/US]; 463 Roseland Park, Woodstock, CT 06281 (US).

(74) Agent: **BEDINGFIELD, Herbert, M.**; Cantor Colburn LLP, 55 Griffin Road South, Bloomfield, CT 06002 (US).

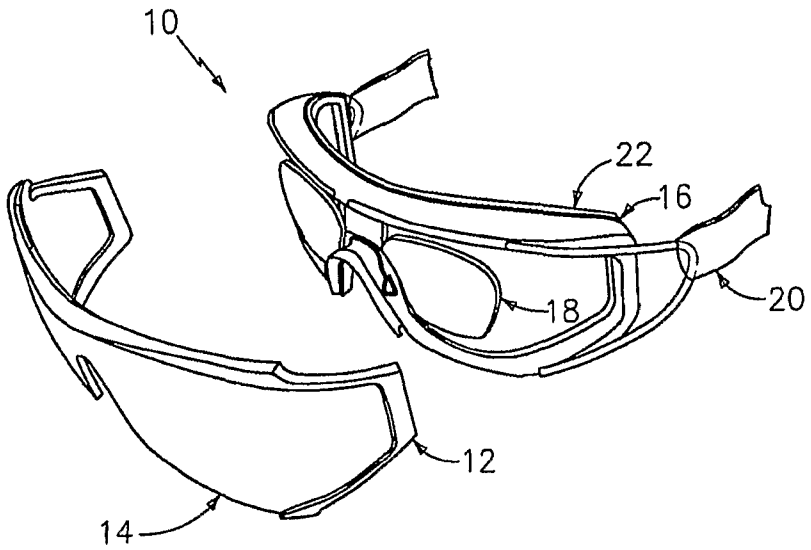
(81) Designated States *(unless otherwise indicated, for every kind of national protection available)*: AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DO, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, GT, HN, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KN, KP, KR, KZ, LA, LC, LK, LR, LS, LT, LU, LY, MA, MD, ME, MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RS, RU, SC, SD, SE, SG, SK, SL, SM, SV, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, ZA, ZM, ZW.

(84) Designated States *(unless otherwise indicated, for every kind of regional protection available)*: ARIPO (BW, GH, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IS, IT, LT, LU, LV, MC, MT, 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).

Published:
— *with international search report*
— *before the expiration of the time limit for amending the claims and to be republished in the event of receipt of amendments*

(88) Date of publication of the international search report:
3 April 2008

(54) Title: SAFETY EYEWEAR INCLUDING A PRESCRIPTION INSERT



(57) Abstract: Exemplary embodiments include a safety eyewear including a prescription insert, which inset may be useable between different safety eyewear. Such eyewear may also include: a frame; a removable lens carrier removably attached to the frame, the removable lens carrier including a permanently attached lens; and a prescription insert removably attached to the frame, wherein the removable lens carrier is capable of being removed and attached to the frame during the use of the safety eyewear.

WO 2007/146028 A3

INTERNATIONAL SEARCH REPORT

International application No
PCT/US2007/013370

A. CLASSIFICATION OF SUBJECT MATTER
INV. G02C9/00 A61F9/02

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)
G02C A61F

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 practical, search terms used)
EPO-Internal

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	WO 2005/043220 A (BACOU DALLOZ EYE & FACE PROT I [US]) 12 May 2005 (2005-05-12) paragraph [0011] - paragraph [0022]; figures 1-9	1-5
X	EP 1 550 898 A (ORIVER CP LTD [TW]) 6 July 2005 (2005-07-06) paragraph [0013] - paragraph [0214]; figures 1-9	1-5
X	WO 97/41815 A (SHALON CHEMICAL IND LTD [IL]; BAHARAD RAM [IL]; BAREL MICHAEL [IL]) 13 November 1997 (1997-11-13) page 5, line 15 - page 10, line 21; figures 1-11	1-5

-/--

[X] Further documents are listed in the continuation of Box C.

[X] 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

"E" earlier document but published on or after the international filing date

"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)

"O" document referring to an oral disclosure, use, exhibition or other means

"P" document published prior to the international filing date but later than the priority date claimed

"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

"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

"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.

"&" document member of the same patent family

Date of the actual completion of the international search	Date of mailing of the international search report
23 October 2007	23/01/2008

Name and mailing address of the ISA/	Authorized officer
European Patent Office, P.B. 5818 Patentlaan 2 NL - 2280 HV Rijswijk Tel. (+31-70) 340-2040, Tx. 31 651 epo nl, Fax: (+31-70) 340-3016	Bratfisch, Knut

3

Form PCT/ISA/210 (second sheet) (April 2005)

INTERNATIONAL SEARCH REPORT

International application No
PCT/US2007/013370

C(Continuation). DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2004/117898 A1 (PENQUE FRANK P [US] ET AL PENQUE JR FRANK P [US] ET AL) 24 June 2004 (2004-06-24) paragraph [0018] - paragraph [0038]; figures 1-9	1-5
X	US 5 410 763 A (BOLLE MAURICE [FR]) 2 May 1995 (1995-05-02) column 2, line 40 - column 5, line 44; figures 1-7	1-5

3

INTERNATIONAL SEARCH REPORT

International application No.
PCT/US2007/013370

Box No. II Observations where certain claims were found unsearchable (Continuation of item 2 of first sheet)

This international search report has not been established in respect of certain claims under Article 17(2)(a) for the following reasons:

1. ☐ Claims Nos.:
because they relate to subject matter not required to be searched by this Authority, namely:

2. ☐ Claims Nos.:
because they relate to parts of the international application that do not comply with the prescribed requirements to such an extent that no meaningful international search can be carried out, specifically:

3. ☐ Claims Nos.:
because they are dependent claims and are not drafted in accordance with the second and third sentences of Rule 6.4(a).

Box No. III Observations where unity of invention is lacking (Continuation of item 3 of first sheet)

This International Searching Authority found multiple inventions in this international application, as follows:

see additional sheet

1. ☐ As all required additional search fees were timely paid by the applicant, this international search report covers allsearchable claims.

2. ☐ As all searchable claims could be searched without effort justifying an additional fees, this Authority did not invite payment of additional fees.

3. ☐ As only some of the required additional search fees were timely paid by the applicant, this international search reportcovers only those claims for which fees were paid, specifically claims Nos.:

4. ☒ No required additional search fees were timely paid by the applicant. Consequently, this international search report is restricted to the invention first mentioned in the claims; it is covered by claims Nos.:

see annex

Remark on Protest

☐ The additional search fees were accompanied by the applicant's protest and, where applicable, the payment of a protest fee.

☐ The additional search fees were accompanied by the applicant's protest but the applicable protest fee was not paid within the time limit specified in the invitation.

☐ No protest accompanied the payment of additional search fees.

FURTHER INFORMATION CONTINUED FROM PCT/ISA/ 210

This International Searching Authority found multiple (groups of) inventions in this international application, as follows:

1. claims: 1-5

   safety eyewear comprising a frame with a removable lens carrier and a prescription insert removably attached to the frame, wherein the lens carrier can be removed and attached to the frame during the use of the safety eyewear

   ---

2. claims: 6-13

   safety eyewear system comprising first and second safety eyewear being different from each other and a prescription insert which is configured to be removably attached to both, the first as well as the second safety eyewear

   ---

INTERNATIONAL SEARCH REPORT

Information on patent family members

International application No
PCT/US2007/013370

Patent document cited in search report	Publication date	Patent family member(s)	Publication date
WO 2005043220 A	12-05-2005	AU 2004286443 A1	12-05-2005
		CA 2543440 A1	12-05-2005
		DE 04799049 T1	08-02-2007
		EP 1692562 A2	23-08-2006
		ES 2270750 T1	16-04-2007
		US 2006098159 A1	11-05-2006
EP 1550898 A	06-07-2005	NONE	
WO 9741815 A	13-11-1997	AU 2403197 A	26-11-1997
		EP 0955970 A1	17-11-1999
		US 5802622 A	08-09-1998
US 2004117898 A1	24-06-2004	AU 2003299779 A1	22-07-2004
		WO 2004058114 A2	15-07-2004
		US 2006156457 A1	20-07-2006
US 5410763 A	02-05-1995	NONE	