

PCTWORLD INTELLECTUAL PROPERTY ORGANIZATION
International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : G02C 9/00, 7/08		A1	(11) International Publication Number: WO 00/26718
			(43) International Publication Date: 11 May 2000 (11.05.00)
(21) International Application Number: PCT/US99/25420 (22) International Filing Date: 28 October 1999 (28.10.99) (30) Priority Data: 09/184,694 2 November 1998 (02.11.98) US (71) Applicant (for all designated States except US): REVOLUTION EYEWEAR, INC. [US/US]; 6910 Hayvenhurst, Suite 108, Van Nuys, CA 91406 (US). (72) Inventor; and (75) Inventor/Applicant (for US only): ZELMAN, Gary, Martin [US/US]; 6910 Hayvenhurst, Suite 108, Van Nuys, CA 91406 (US). (74) Agent: O'REILLY, David; Suite 200, 1800 Bridgegate Street, Westlake Village, CA 91361 (US).			(81) Designated States: AL, AU, BA, BB, BG, BR, CH, CN, CU, CZ, EE, GE, HR, HU, ID, IL, IN, IS, JP, KP, KR, LC, LK, LR, LT, LV, MG, MK, MN, MX, NO, NZ, PL, RO, SG, SI, SK, SL, TR, TT, UA, US, UZ, VN, YU, ZA, ARIPO patent (GH, GM, KE, LS, MW, 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), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published With international search report.


162162

G00002

(54) Title: AUXILIARY EYEWEAR ATTACHMENT METHODS AND APPARATUS

(57) Abstract

A method and apparatus for mounting auxiliary eyeglasses (10) on conventional eyeglasses (12) in which magnets are attached to appendages (18) on the auxiliary eyeglasses mating with magnets mounted on the temple extensions (22) of conventional eyeglasses. The magnets on the auxiliary eyeglasses are mounted in sockets (32) formed on the appendages of the auxiliary eyeglasses such that their maximum magnetic force is oriented vertically or parallel to the plane of the conventional eyeglass frame. The appendages (18) on the auxiliary eyeglass frame (16) fit beneath the temple extension (22) on the conventional eyeglass frame (20) to hold the auxiliary frame (16) in place solely by the magnetic attractive force. The orientation of the magnets is such that the maximum magnetic force resists any downward movement of the auxiliary eyeglasses on the conventional eyeglasses when installed.

In a modification of the embodiment, a clip (42) is attached to or formed on the bridge (38) of the auxiliary eyeglasses for fitting over the bridge (44) of the conventional eyeglasses. In yet another embodiment, clips (52) are formed on the frame (54) of the auxiliary eyeglasses to fit over the frame of the conventional eyeglasses. Magnets (56) are embedded in the bridge (58) of the auxiliary eyeglasses that mate with complementary magnets (68) in the bridge (66) of the conventional eyeglasses when the bridge is slid beneath the bridge of the conventional eyeglasses.

