

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
10 November 2005 (10.11.2005)

PCT

(10) International Publication Number
WO 2005/104753 A2

(51) International Patent Classification: **Not classified**

(21) International Application Number:
PCT/US2005/014436

(22) International Filing Date: 28 April 2005 (28.04.2005)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
60/565,924 28 April 2004 (28.04.2004) US
60/601,489 13 August 2004 (13.08.2004) US

(71) Applicant (for all designated States except US): **FATS, INC.** [US/US]; 7340 McGinnis Ferry Road, Suwanee, GA 30024 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **CHUNG, Bobby, Hsiang-Hua** [US/US]; 2264 East Lake Road, Atlanta, GA 30307 (US). **MAXIMUS, Bart** [BE/BE]; Heurnestraat 360, B-9700 Oudenaarde (BE).

(74) Agent: **HOLLAND, Christopher**; Smith, Gambrell & Russell, Suite 3100, Promenade II, 1230 Peachtree Street, Atlanta, GA 30309 (US).

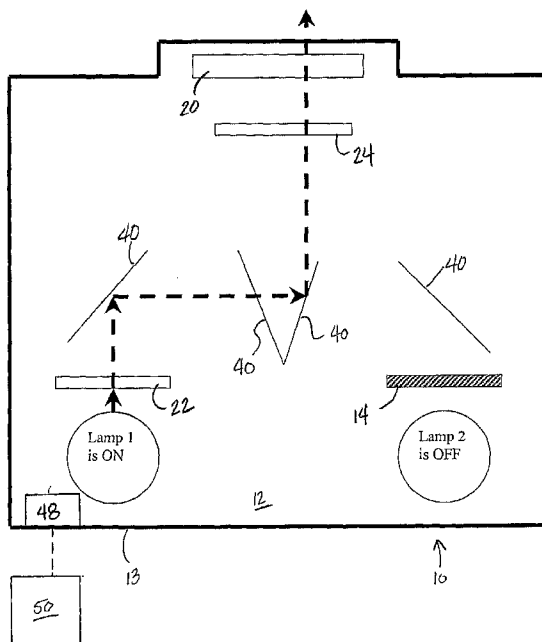
(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KM, KP, KR, KZ, LC, LK,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

[Continued on next page]

(54) Title: APPARATUS AND METHOD FOR PROVIDING BOTH DAY AND NIGHT VISION SIMULATIONS

(57) Abstract: An apparatus for providing both day vision simulations and night vision simulations includes a projector that seamlessly provides both night and daytime training modes. The projector includes two independent light sources, with an embedded night vision filter affixed inside the projector proximate one of the light sources to achieve the night training mode. The operator will select one light source according to the mode desired (daytime training mode or nighttime training mode). Each light source may easily be selected, and the light paths from both of the light sources may have a common path when exiting the projector for efficient operation between modes.





SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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.

Published:

- *without international search report and to be republished upon receipt of that report*