

(19) World Intellectual Property
Organization
International Bureau



(43) International Publication Date
7 October 2004 (07.10.2004)

PCT

(10) International Publication Number
WO 2004/084665 A2

(51) International Patent Classification⁷: **A42B 3/22**

(21) International Application Number:
PCT/GB2004/001395

(22) International Filing Date: 29 March 2004 (29.03.2004)

(25) Filing Language: English

(26) Publication Language: English

(30) Priority Data:
0307111.5 27 March 2003 (27.03.2003) GB
0324880.4 24 October 2003 (24.10.2003) GB

(71) Applicant (for all designated States except US): **HELMET INTEGRATED SYSTEMS LIMITED** [GB/GB];
Unit 3, Focus 4, Fourth Avenue, Letchworth, Hertfordshire
SG6 2TU (GB).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **CHURCH, Colin**

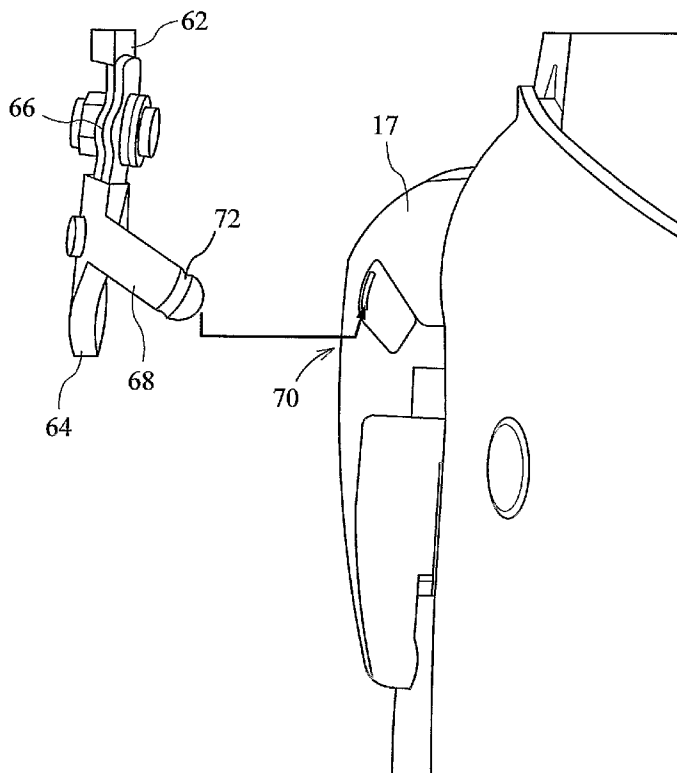
[GB/GB]; Helmet Integrated Systems Limited, Unit 3, Focus 4, Fourth Avenue, Letchworth, Hertfordshire SG6 2TU (GB). **DAMPNEY, Ian, Trevor** [GB/GB]; Helmet Integrated Systems Limited, Unit 3, Focus 4, Fourth Avenue, Letchworth, Hertfordshire SG6 2TU (GB).

(74) Agents: **MOIR, Michael, Christopher** et al.; Mathys & Squire, 100 Gray's Inn Road, London WC1X 8AL (GB).

(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, 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, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

[Continued on next page]

(54) Title: RESPIRATOR



(57) Abstract: A respirator helmet (10') or other helmet adapted to receive, by means of a plug (66) and socket arrangement (70), a pivotable bar (62) carrying a protective screen (63) such that the screen may be moved between a lowered position in front of the face of the wearer of the helmet and a raised position.

WO 2004/084665 A2



(84) **Designated States** (*unless otherwise indicated, for every kind of regional protection available*): ARIPO (BW, GH, GM, KE, LS, MW, MZ, 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, 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).

Published:

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

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.