



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶: H01R 3/00, 23/02, 13/648, 13/66	A1	(11) International Publication Number: WO 00/22697 (43) International Publication Date: 20 April 2000 (20.04.00)
(21) International Application Number: PCT/US99/23841 (22) International Filing Date: 14 October 1999 (14.10.99) (30) Priority Data: 60/104,137 14 October 1998 (14.10.98) US (71) Applicant: STEWART CONNECTOR SYSTEMS [US/US]; 11118 Susquehanna Trail South, Glen Rock, PA 17327 (US). (72) Inventors: HESS, John, R.; 534 Green Meadows Drive, Dallastown, PA 17313 (US). IMSCHWEILER, Derek; 524 Green Meadows Drive, Dallastown, PA 17313 (US). FLEMING, Jeffrey, Wallace; 68 Camelot Arms, York, PA 17402 (US). HULBERT, Patrick; 1266 Rawlinsville Road, New Providence, PA 17560 (US). JANZ, Ronald; 1270 Golden Way, York, PA 17402 (US). GIVENS, David; 916 Keller Drive, Red Lion, PA 17356 (US). LOCATI, Ronald; 2701 Ferncreek Lane, York, PA 17404 (US). (74) Agents: RASKIN, Martin, G. et al.; Steinberg & Raskin, P.C., 1140 Avenue of the Americas, New York, NY 10036 (US).		(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, 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, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, 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 <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>

(54) Title: MODULAR ELECTRICAL CONNECTOR ASSEMBLIES WITH MAGNETIC FILTER AND/OR VISUAL INDICATOR**(57) Abstract**

A connector assembly (8), mounted on a main printed circuit board, includes a modular jack (10) comprising a housing (14, 54), contacts (18) and a built-in indicator light arrangement. The housing (54) consists of inner (70) and outer (68) parts. The assembly may be surface mountable or through-hole mountable. A conductive shield (12) may be placed over the jack. The connector assembly may also include a magnetic filtering components (180).

