



(43) International Publication Date
16 August 2012 (16.08.2012)

(51) International Patent Classification:

H05K 1/18 (2006.01) *H01L 23/12* (2006.01)
H01L 23/58 (2006.01) *H01R 13/658* (2011.01)
H05K 3/46 (2006.01) *H05K 9/00* (2006.01)

(21) International Application Number:

PCT/AU2012/000123

(22) International Filing Date:

10 February 2012 (10.02.2012)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data:

13/024,818 10 February 2011 (10.02.2011) US

(71) Applicant (for all designated States except US): **MULPIN RESEARCH LABORATORIES LIMITED** [AU/AU]; 136 Burswood Road, Burswood, Western Australia 6100 (AU).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **GREEN, Rodney Austin** [AU/AU]; 20 Castle Place, Donnybrook, Western Australia 6239 (AU). **BELLETT, Kevin Craig** [AU/AU]; 2 Unit Street, Wagin, Western Australia 6315 (AU). **KELLY, Perry Arthur** [AU/AU]; 11 Murchison Way, Gosnells, Western Australia 6110 (AU).

(74) Agent: **GRIFFITH HACK**; Level 19, 109 St Georges Tce, Perth, Western Australia 6000 (AU).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AO, AT, AU, AZ, BA, BB, BG, BH, BR, BW, BY, BZ, CA, CH, CL, 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, PE, PG, PH, PL, PT, QA, RO, RS, RU, RW, SC, SD, SE, SG, SK, SL, SM, ST, SV, SY, TH, 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, LR, LS, MW, MZ, NA, RW, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AL, AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, RS, SE, SI, SK, SM, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

— with international search report (Art. 21(3))

(54) Title: ELECTRONIC ASSEMBLY

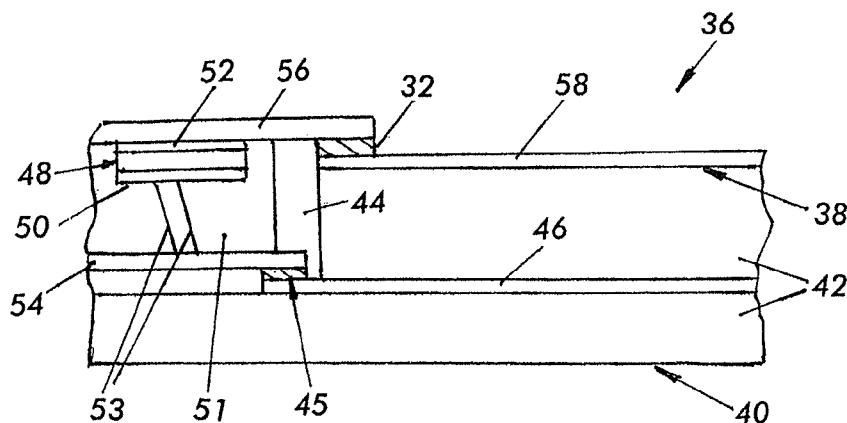


FIG. 2

(57) Abstract: An electronic assembly that includes a circuit board having a substrate in which an open space is defined, and a component having a housing and a plurality of leads, the open space being large enough to receive the housing of the component at least partially.