

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : H01L 23/522, 23/538, C25D 11/00, 11/04, 11/22		A1	(11) International Publication Number: WO 98/53499
			(43) International Publication Date: 26 November 1998 (26.11.98)
(21) International Application Number: PCT/IL98/00230		(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, GM, GW, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, US, UZ, VN, YU, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SZ, 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, ML, MR, NE, SN, TD, TG).	
(22) International Filing Date: 20 May 1998 (20.05.98)			
(30) Priority Data: 120866 20 May 1997 (20.05.97) IL			
(71) Applicant (for all designated States except US): MICRO COMPONENTS LTD. [IL/IL]; D.N., 20179 Migav (IL).			
(72) Inventors; and (75) Inventors/Applicants (for US only): NEFTIN, Shimon [IL/IL]; Eshkol Street 813/20, 10200 Kiryat Shmona (IL). MIRSKY, Uri [IL/IL]; Hagalil Street 13, 36001 Nofit (IL).			
(74) Agent: REINHOLD COHN AND PARTNERS; P.O. Box 4060, 61040 Tel Aviv (IL).		Published 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.	

(54) Title: SUBSTRATE FOR ELECTRONIC PACKAGING, PIN JIG FIXTURE

(57) Abstract

A substrate (1, 16, 21, 31) for electronic packaging, the substrate having a discrete, generally prismatic, initially electrically conductive valve metal solid body with one or more spaced apart, original valve metal filled vias (6, 19, 28, 32) each individually electrically isolated by a porous oxidized body portion therearound. A pin jig fixture (41) for mechanically masking a metal surface, the pin jig fixture (41) having an anodization resistant bed of pins (42) each pin (43) having a leading end surface (44) for intimate juxtaposition against a metal surface to mask portions thereof.

