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(21) International Application Number: PCT/IL98/00557 (22) International Filing Date: 16 November 1998 (16.11.98) (30) Priority Data: 122509 8 December 1997 (08.12.97) IL (71) Applicant (for all designated States except US): MUL-T-LOCK TECHNOLOGIES LTD. [IL/IL]; P.O. Box 585, 81104 Yavne (IL). (72) Inventor; and (75) Inventor/Applicant (for US only): MATYKO, Adalbert [IL/IL]; Jabotinsky Street 11/9, 77213 Ashdod (IL). (74) Agents: COLB, Sanford, T. et al.; Sanford T. Colb & Co., P.O. Box 2273, 76122 Rehovot (IL).		(81) Designated States: AL, AM, AT, AT (Utility model), AU, AZ, BA, BB, BG (Utility model), BR, BY, CA, CH, CN, CU, CZ, CZ (Utility model), DE, DE (Utility model), DK, DK (Utility model), EE, EE (Utility model), ES, FI, FI (Utility model), GB, GD, GE, GH, GM, HR, HU, ID, IL, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS (Utility model), LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT (Utility model), RO, RU, SD, SE, SG, SI, SK, SK (Utility model), 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, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i> <i>With amended claims.</i>

(54) Title: PADLOCK**(57) Abstract**

A lock (10) comprising a lock body (12) defining a top surface (14) and a bottom surface (16), the lock body (12) having a bore (18) formed therein extending from the top surface (14) to a location spaced from the bottom surface (16), a key-operated lock cylinder (20) located in the bore (18) and having a keyway opening (22) facing the bottom surface (16), a key entry aperture (24) being formed in the bottom surface (16) for permitting insertion of a key therethrough into engagement with the keyway opening (22) of the cylinder (20) and being sized so as not to permit the cylinder (20) to pass therethrough, a shackle (26), a locking mechanism located in the lock body (12) and being operated by the lock cylinder (20) for locking the shackle (26), characterized by a multifunctional lock top protector element (60) mounted onto the top surface (14) of the lock body (12), the multifunctional lock top protector element (60) being apertured to accommodate the shackle (26) and to surround at least a portion thereof, the multifunctional lock top protector element (60) overlying the bore (18) so as to prevent access to the cylinder (20) from the top surface (14), the shackle (26) and the multifunctional lock top protector element (60) being configured such that when the shackle (26) is locked by the locking mechanism, the shackle (26) locks the multifunctional lock top protector element (60) in engagement with the top surface (14) of the lock body (12) and in overlying relationship with the bore (18).

