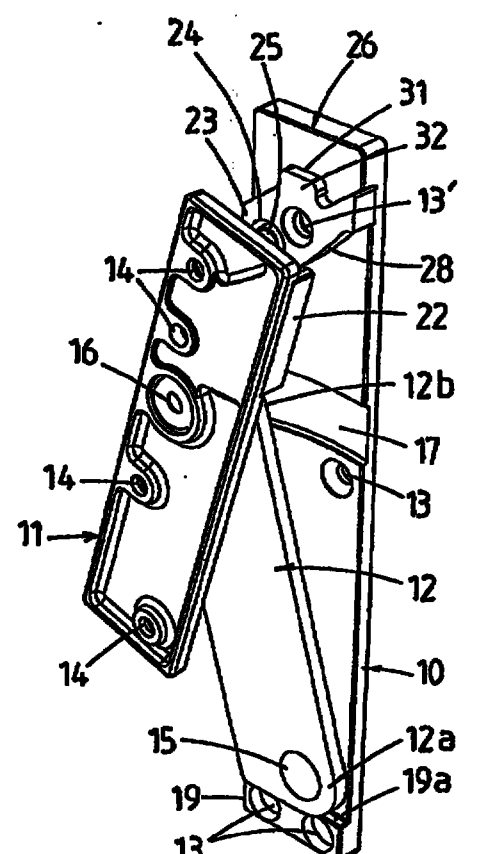


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| <b>(51) International Patent Classification <sup>6</sup>:</b><br>E05D 15/40, 15/46, 15/42, 15/44                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | <b>A1</b> | <b>(11) International Publication Number:</b> WO 98/14680<br><b>(43) International Publication Date:</b> 9 April 1998 (09.04.98)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |
| <b>(21) International Application Number:</b> PCT/NZ97/00129<br><b>(22) International Filing Date:</b> 3 October 1997 (03.10.97)<br><b>(30) Priority Data:</b><br>299514 4 October 1996 (04.10.96) NZ<br><b>(71) Applicant (for all designated States except US):</b> INTERLOCK GROUP LIMITED [NZ/NZ]; Portsmouth Road, Miramar, Wellington 6003 (NZ).<br><b>(72) Inventors; and</b><br><b>(75) Inventors/Applicants (for US only):</b> FISCHER, John [DE/NZ]; 184 Nevay Road, Miramar, Wellington 6003 (NZ). FIGLIOLA, Umberto [GB/NZ]; 2 Darlington Terrace, Miramar, Wellington 6003 (NZ). KONDEV, Kostadin, Boris [BG/NZ]; 5/4 Akaroa Drive, Maupua, Wellington 6003 (NZ).<br><b>(74) Agent:</b> HOPKINS, Donald, Leslie; Don Hopkins & Associates, Northcote Office Park, 145 Queen Street, Palmerston North 5301 (NZ). |           | <b>(81) Designated States:</b> AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CU, CZ, DE, DK, EE, ES, FI, GB, GE, GH, 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, KE, LS, MW, SD, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, 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).<br><br><b>Published</b><br><i>With international search report.</i><br><i>Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i> |
| <b>(54) Title:</b> A PIVOT<br><br><b>(57) Abstract</b><br><p>A pivot for use in the mounting of a window sash and a window frame. The pivot includes a link arm (12) mounted at one end (12a) for mounting to a window frame mounting plate (10) and at the other end (12b) to the window sash mounting plate (11). A sash guide (22) is mounted with the sash plate (11) and a frame guide (23) is mounted with the frame plate (10). The frame and sash guides have interacting guide surfaces (28 and 29) which are in sliding contact and between which relative movement occurs during opening and closing of a window sash mounted by the pivot.</p>                                                                               |           |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    |