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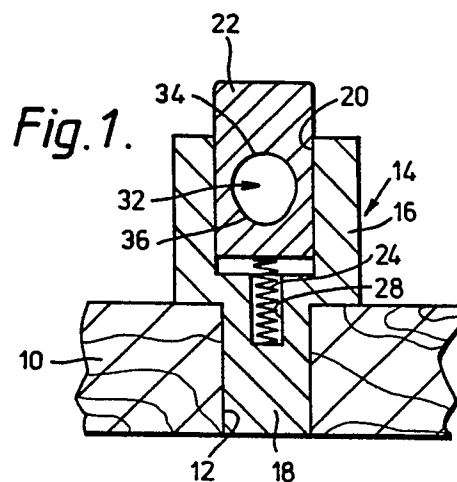
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(54) **Workpiece clamping device.**

(57) A workpiece clamping device for a workbench, comprising a housing (16) having at least one horizontal bore (30) therein, means (18) for locating the housing on a workbench, a plug (22) mounted for limited movement in said housing in a direction transverse to said horizontal bore, an aperture (32) through said plug in substantial alignment with said bore (30), an elongate screw-threaded rod (38) extending through said at least one bore (30) and said aperture (32), the diameter of said at least one bore (30) being slightly larger than the outside diameter of the rod (38), the aperture (32) having a cross section including a first portion (36) having a screw-thread cooperable with the thread of the rod (38) and a second portion (34) allowing free movement of the rod (38) longitudinally of the rod (38), whereby movement of the plug (22) to a first position allows the rod (38) to slide freely relative to the housing and give coarse adjustment of the rod (38) and movement of the plug (22) to a second position causing the thread to engage, so that rotation of the rod (38) can give fine adjustment thereof, and a workpiece engaging member (42) mounted on, or engagable by, the rod (38) for movement therewith, the rod (38) being rotatable relative to said member (42).





DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (Int. Cl.4)
Y	US-A-2 671 482 (W. GORDON) * Figures 1,3-5; column 6, lines 3-13 * ---	1,2,4,5	B 25 B 5/10 B 25 B 1/12 B 25 B 5/02
Y	FR-A-1 158 225 (LUPTON BROTHERS LTD) * Page 2, left-hand column, line 47 - page 2, right-hand column, line 7; figures 1-5,8 *	1,2,4,5	
A	---	3	
A	US-A-1 954 708 (H.W. MASS) * Page 2, lines 32-67; figures 1-3 * ---	1,3-5	
A	US-A-3 570 836 (J. PETTAVEL) * Figures 2,3; claims * ---	1	
A	US-A-2 644 498 (W.J. MALECKI) * Column 3, lines 39-54; figures 2,3,6,7 * ---	1	
A	US-A-2 443 788 (R.C. FERGUSON) * Figures 1,5,6; column 2, lines 28-36 *	1,2	TECHNICAL FIELDS SEARCHED (Int. Cl.4)
A	FR-A-2 299 944 (WOLFCRAFT ROBERT WOLF KG) * Page 8, lines 1-29; figures 10-12 * ---	1	B 25 B
A	US-A-2 636 528 (J.C. GOLNICK) ---		
A	US-A-2 526 020 (H. FUHR) ---		
D,A	DE-A-2 702 992 (BONDGRADE LTD) -----		
The present search report has been drawn up for all claims			
Place of search THE HAGUE		Date of completion of the search 10-03-1989	Examiner MAJERUS H.M.P.
CATEGORY OF CITED DOCUMENTS			
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