

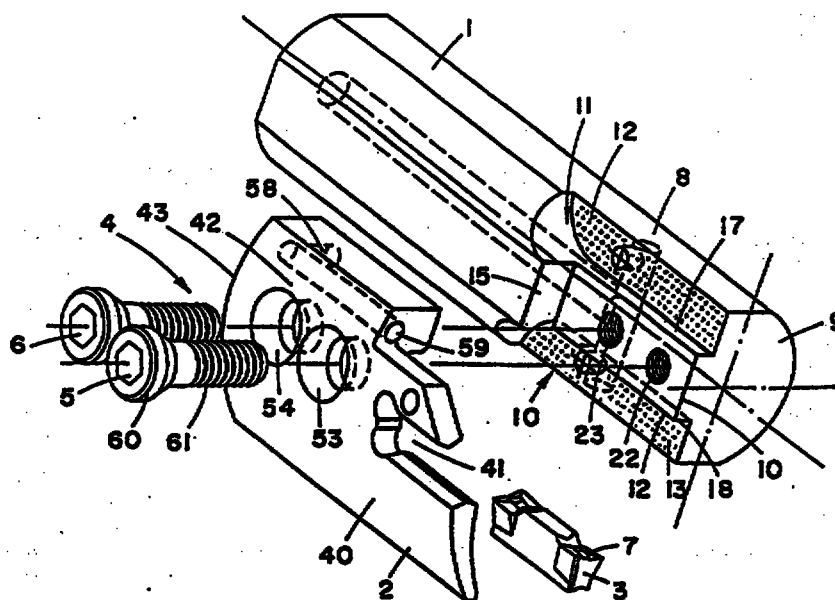


INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : B26D 3/06, B23B 29/04, 29/06, 29/08		A1	(11) International Publication Number: WO 96/12592
			(43) International Publication Date: 2 May 1996 (02.05.96)
(21) International Application Number: PCT/US95/14394		(81) Designated States: AL, AM, AT, AU, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, TJ, TM, TT, UA, UG, UZ, VN, European patent (AT, BE, CH, DE, DK, ES, 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), ARIPO patent (KE, MW, SD, SZ, UG).	
(22) International Filing Date: 20 October 1995 (20.10.95)			
(30) Priority Data: 111370 ✓ 23 October 1994 (23.10.94) ✓ IL			
(71) Applicant: ISCAR LTD. [IL/IL]; P.O. Box 11, 24959 Migdal Tefen (IL).		Published <i>With international search report.</i> <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> SG 9611006-3 RTMP copy	
(71) Applicant (for MW only): ROBIN, Jerrold, N. [US/IL]; 5 Marva Street, 24960 Kfar Vradim (IL).			
(72) Inventors: BARAZANI, Gideon; 3 Halonim Street, 27212 Kiryat Bialik (IL). FRIEDMAN, Jacob; 5 Erez Street, 24960 Kfar Vradim (IL).			
(74) Agents: JONES, Harry, C., III et al.; Pennie & Edmonds, 1667 K Street, N.W., Washington, DC 20006 (US).			

(54) Title: CUTTING TOOL ASSEMBLY HAVING AN EXCHANGEABLE ADAPTOR

This Sheet Has Been Replaced



(57) Abstract

A cutting tool assembly comprising an elongated tool shank (1) having a shank holding portion (8) and an exchangeable adaptor (2) having an insert retaining portion for retaining a replaceable cutting insert (3) and an adaptor mounting portion (42) releasably secured to the shank holding portion (8) by two clamping screws (4). The clamping screws (4) are inserted into the respective adaptor mounting portion through bores (53, 54) and threaded bores (22, 23). The threaded bores (22, 23) being substantially aligned with the respective adaptor through bores (53, 54) in a reference plane through an axis of relative rotation of a workpiece with respect to the tool assembly. One of the adaptor mounting (42) and shank holding portions (8) is formed with a recess and the other one is formed with a protrusion (10) mating with the recess and received therein.