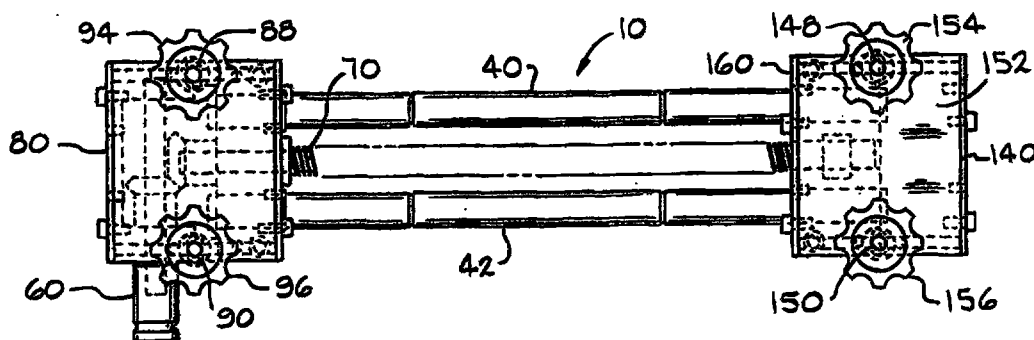




INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : B25B 27/10	A1	(11) International Publication Number: WO 99/47311 (43) International Publication Date: 23 September 1999 (23.09.99)
(21) International Application Number: PCT/US99/02860 (22) International Filing Date: 10 February 1999 (10.02.99) (30) Priority Data: 09/042,985 17 March 1998 (17.03.98) US (71) Applicant: AEROQUIP CORPORATION [US/US]; 3000 Strayer Road, Maumee, OH 43537 (US). (72) Inventor: LAVENDER, Cecil, Lee; 244 Falcon Road, Ocilla, GA 31774 (US). (74) Agents: PORCELLO, James, F. et al.; Emch, Schaffer, Schaub & Porcello Co., P.O. Box 916, Toledo, OH 43697 (US).		(81) Designated States: CA, CN, JP, KR, MX, SG, European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report.</i>

(54) Title: PIPE COUPLING TOOL



(57) Abstract

A tool (10) having a stationary base mount (12), a moveable base mount (30), and clamps (80, 140) for use in coupling pipes. The tool includes a gear device (54, 56) for moving the moveable base mount with respect to the stationary base mount. A first clamp device (80) is positioned on the stationary base mount for clamping a first pipe. A second clamp device (140) is positioned on the moveable base mount (30) for clamping a second pipe. After a slip connector is positioned between the first and second pipes, the gear device is actuated to cause the moveable base mount (12) to move toward the stationary base mount. This results in the slip connector being inserted in the first and second pipes to couple the pipes.