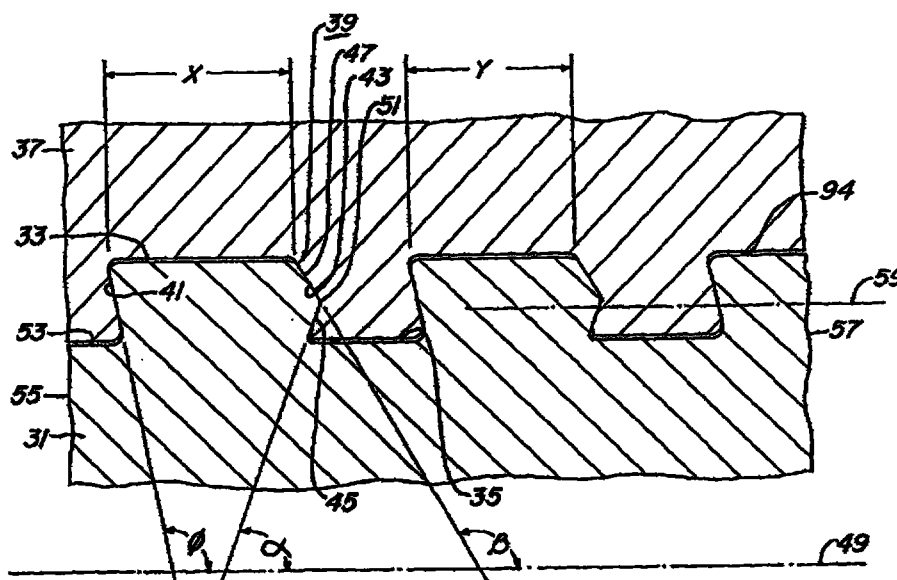




INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ : F16L 25/00, 35/00	A1	(11) International Publication Number: WO 00/65268 (43) International Publication Date: 2 November 2000 (02.11.00)
(21) International Application Number: PCT/US00/09834 (22) International Filing Date: 12 April 2000 (12.04.00) (30) Priority Data: 09/298,081 23 April 1999 (23.04.99) US (71) Applicant: JOHN GANDY CORPORATION [US/US]; Suite 310, 200 River Pointe Drive, Conroe, TX 77304-2817 (US). (72) Inventor: CHURCH, Kris, L.; 3507 Honea Egypt Road, Montgomery, TX 77356 (US). (74) Agents: GUNTER, Charles, D., Jr. et al.; Felsman, Bradley, Vaden Gunter & Dillon, L.L.P., Suite 1600, 201 Main Street, Fort Worth, TX 76102 (US).	(81) Designated States: AE, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, DM, EE, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, TZ, UA, UG, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, TZ, 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: **THREAD FORM WITH MULTIFACETED FLANKS**

(57) Abstract

A thread form for a tubular connection of the type having a pin member (31) adapted to be made-up with a box member (37) to form a pipe joint as shown. The pin member has pin threads with thread crests (33) and thread roots (35) which are adapted to be made-up with a mating box member (37) having a complimentary thread structure. The pin thread crests are formed between a stab flank (39) and a load flank (41) of the pin thread. The pin thread has a multi-faceted (69, 71, 73) complex profile stab flank for engaging a mating stab flank on the complimentary box member to provide a wedging interfit between the surfaces of the pin and box threads. The pin and box threads are also helically structured as a wedge.