



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁷ : F16L 33/02	A1	(11) International Publication Number: WO 00/19137 (43) International Publication Date: 6 April 2000 (06.04.00)
---	----	--

(21) International Application Number: PCT/US99/20755

(22) International Filing Date: 9 September 1999 (09.09.99)

(30) Priority Data:
09/161,213 25 September 1998 (25.09.98) US

(71) Applicant: AEROQUIP CORPORATION [US/US]; 3000 Strayer Road, Maumee, OH 43537 (US).

(72) Inventors: GRAU, Jeffrey, M.; 1112 Village Trail, Maumee, OH 43537 (US). SCHMIDT, Juergen; Weserstrasse 20, D-76437 Rastatt (DE).

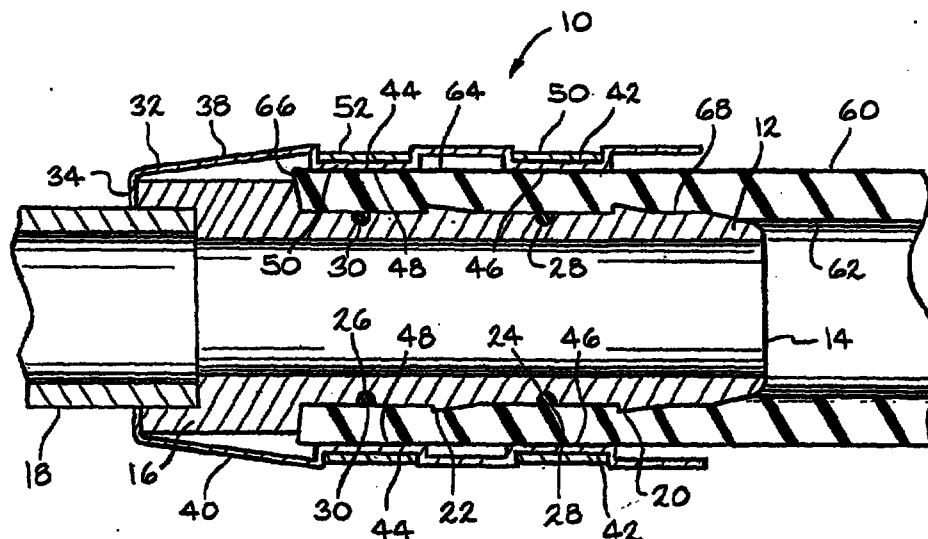
(74) Agents: PORCELLO, James, F., Jr. et al.; Emch, Schaffer, Schaub & Porcello Co., P.O. Box 916, Toledo, OH 43697 (US).

(81) Designated States: AL, AM, AT, AU, AZ, BA, BB, BG, BR, BY, CA, CH, CN, CR, CU, CZ, DE, DK, 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, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, 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

With international search report.

(54) Title: CLIP FITTING FOR A HOSE



(57) Abstract

A clip fitting (10) for a hose (60) that includes a hose nipple (12) defining at least one circular groove (24). A circular seal (28) is positioned in the groove. At least one hose clip (32) is mounted on the hose nipple. At least one clamp (50) is positioned on the hose clip over the seal. The fitting provides an improved seal between the hose and the nipple.