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(21) International Application Number: PCT/US98/02465 (22) International Filing Date: 5 February 1998 (05.02.98) (30) Priority Data: 08/796,082 5 February 1997 (05.02.97) US (71) Applicant: FLUOROWARE, INC. [US/US]; 102 Jonathan Boulevard North, Chaska, MN 55318 (US). (72) Inventors: LINDER, James, C.; 6150 Strawberry Lane, Shorewood, MN 55331 (US); MCKENZIE, Jeffrey, J.; 11745 State Highway 25 S.W., Watertown, MN 55338 (US). (74) Agents: CHRISTENSEN, Douglas, J. et al.; Palmatier, Sjoquist, Voigt & Christensen, P.A., Suite 501, 6600 France Avenue South, Minneapolis, MN 55435 (US).		(81) Designated States: AT, CH, CN, DE, GB, JP, KR, SG, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>Without international search report and to be republished upon receipt of that report.</i>
(54) Title: COMPOSITE PLASTIC SANITARY FITTING (57) Abstract A composite sanitary fitting in which an inner body portion is secured within an overmolded stiffening sleeve which provides strength and rigidity to the fitting. The main body is comprised of a plastic such as PFA and the outer stiffening sleeve is comprised of a more rigid durable plastic such as PEEK. The main body portion has a flange portion which is located at the connecting end. The stiffening sleeve has an U-shaped portion which extends around three sides of the flange locking the sleeve on the body portion. 		