



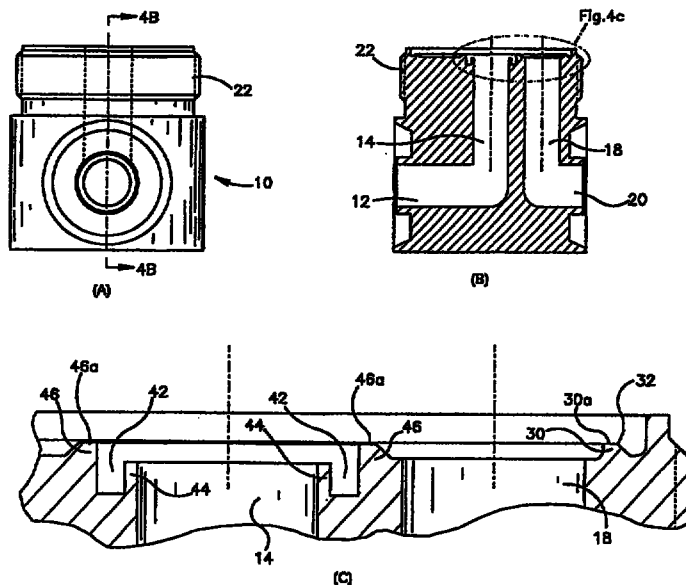
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(71) Applicant (for all designated States except US): SWAGELOK MARKETING CO. [US/US]; 31400 Aurora Road, Cleve- land, OH 44139 (US).			
(72) Inventors; and			
(75) Inventors/Applicants (for US only): GOTCH, James, E. [US/US]; 8900 Riverwood Way, Kirtland, OH 44094 (US). KITCHEN, Dale, J. [-/US]; 281 East 235 Street, Euclid, OH 44123 (US). LONGO, Maria [-/US]; 1380 Dorsh Street, South Euclid, OH 44121 (US). RASANOW, Victor, N. [-/US]; 34877A North Turtle Trail, Willoughby, OH 44094 (US). SMITH, Philip, J. [-/US]; 1600 Redbird Road, Madison, OH 44057 (US).			
(74) Agents: LEWIS, Leonard, L. et al.; Calfee, Halter & Griswold, LLP, 1400 McDonald Investment Center, 800 Superior Avenue, Cleveland, OH 44114-2688 (US).			

(54) Title: DIAPHRAGM VALVE



(57) Abstract

A flow control device includes a first body and a second body; a threaded engagement for clamping the bodies together in an axially aligned relationship; a diaphragm seal that is disposed axially between the first and second bodies to form a seal therebetween; each of the first and second bodies having a generally flat surface portion near its respective outer periphery; at least one of the generally flat surfaces being adjacent an outer corner thereof; the diaphragm being singularly clamped between the generally flat portions; the diaphragm having an outer peripheral portion adjacent the generally flat surfaces and that bends over and seals at the corner.