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- (71) Applicant (for all designated States except US): **PARK-ER-HANNIFIN CORPORATION** [US/US]; 6035 Parkland Boulevard, Cleveland, Ohio 44124-4141 (US).
- (72) Inventor; and
- (75) Inventor/Applicant (for US only): **SMITH, Thomas R.** [US/US]; 518 County Road 252, Nacogdoches, Texas 75965 (US).
- (74) Agents: **MOLNAR, John A., Jr.** et al.; Parker-Hannifin Corporation, 6035 Parkland Boulevard, Cleveland, Ohio 44124-4141 (US).
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(54) Title: FLOWLINE DIVERTOR SEAL WITH SPRING-ENERGIZED LIPS

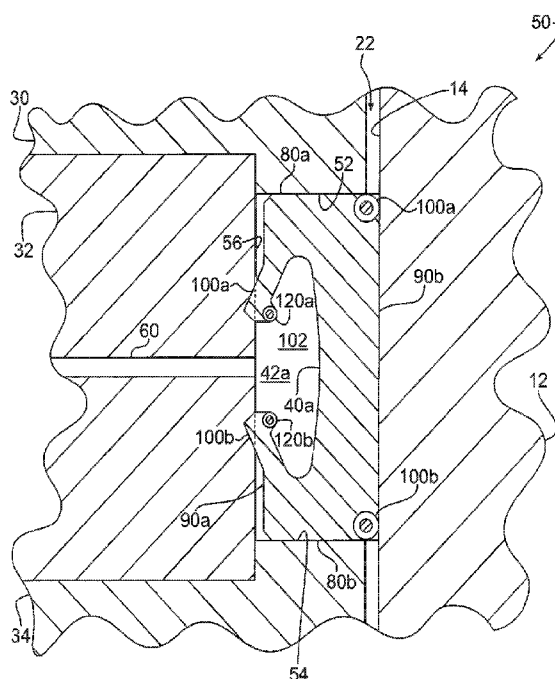


FIG. 3

(57) Abstract: A seal for installation within a flowline diverter assembly including a housing having a bore, and a spool received within the bore. The seal includes an annular body configured to be received between the spool and the bore. The body also has an inner diameter face disposable opposite the spool, and an outer diameter face disposable opposite the bore. The inner diameter face has a first and a second lip portion which are energizable responsive to fluid pressure. A generally annular first spring member is molded into the outer diameter face adjacent a first end face of the body, and a generally annular second spring member is molded into the body outer diameter face adjacent a second end face. Generally annular third and fourth spring members each also may be molded into a corresponding one of the body lip portions.



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