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- (54) Title:** SYSTEM AND METHOD FOR OPTIMIZING A FLUID ENVIRONMENT IN SPLIT MECHANICAL SEALS

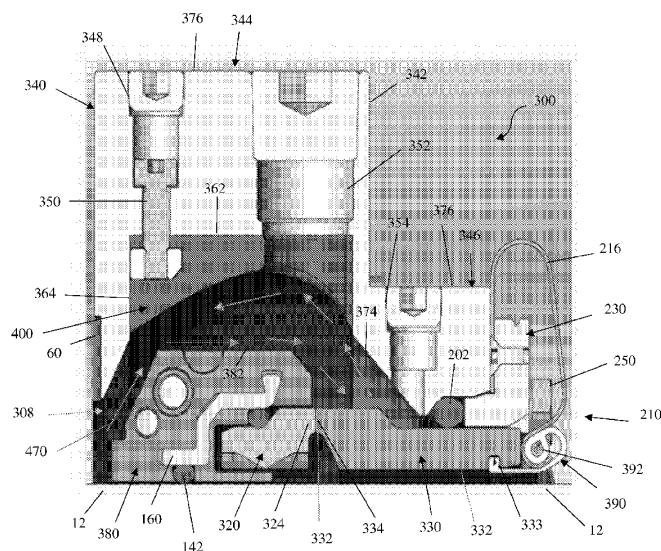


FIG. 8

- (57) Abstract:** A mechanical seal assembly (10, 300) includes a gland assembly (40, 340) having a chamber (24) formed in an inner surface for seating a fluid insert element (400, 430). The fluid insert element promotes movement of particles present in a slurry process fluid away from a seal interface formed by the sealing surfaces (334, 332) of rotary and stationary seal rings (320, 330).

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