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- (71) **Applicant:** HALLIBURTON ENERGY SERVICES, INC. [US/US]; 10200 Bellaire Boulevard, Houston, Texas 77072 (US).
- (72) **Inventors:** FRIPP, Michael Linley; 3826 Cemetery Hill Road, Carrollton, Texas 75007 (US). HOLDERMAN, Luke William; 3709 Campstone Drive, Plano, Texas 75023 (US). LOPEZ, Jean-Marc; 7308 Stoddard Lane, Plano, Texas 75025 (US). ZHAO, Liang; 3420 Kimble Drive, Plano, Texas 75025 (US).
- (74) **Agents:** PRATT, John S. et al.; Kilpatrick Townsend & Stockton LLP, 1100 Peachtree Street, Suite 2800, Atlanta, Georgia 30309 (US).

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(54) **Title:** LIQUID VALVE FOR FLOW CONTROL DEVICES

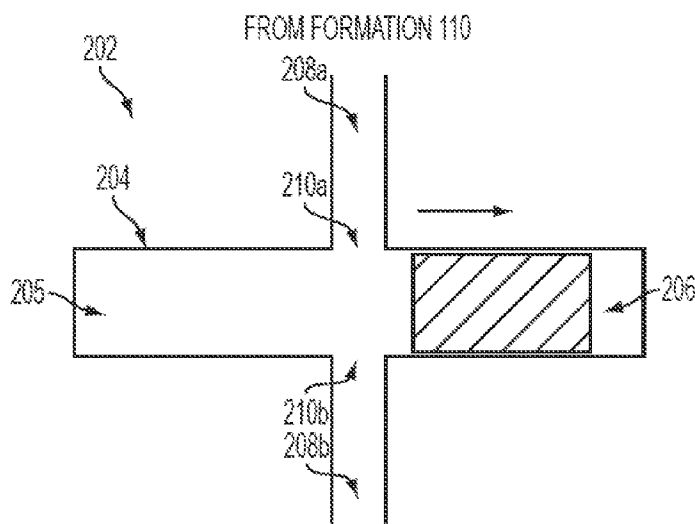


FIG. 3

(57) **Abstract:** Certain aspects of the present invention are directed to a liquid valve assembly that can be disposed in a wellbore through a fluid-producing formation. The liquid valve assembly can include a housing and a liquid valve. The housing can define an inner chamber and an opening adapted to allow fluid to flow between the inner chamber and a passageway. The liquid valve can be disposed in the inner chamber. The liquid valve can include a yield stress fluid. The yield stress fluid can prevent fluid from flowing between the inner chamber and the passageway.