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(54) **Title:** DUAL-ACTING MULTI-ACTUATION MODE GATE VALVE

(57) **Abstract:** A dual acting multi actuation gate valve is provided that includes a secondary actuation mechanism. The valve may include a body, a shaft, a movable portion disposed within the body and coupled to the shaft, wherein the movable portion is configured to allow fluid flow through the valve when in a first position and to prevent fluid flow through the valve when in a second position. The valve includes an actuator coupled to the shaft, wherein the actuator is configured to move the movable portion between the first position and the second position, a mechanical connection between the actuator and the shaft, wherein the mechanical connection is configured to fail in response to an internal pressure, wherein the failure of the mechanical connection maintains the movable portion in the second position. A method of operation and testing the valve are also provided.

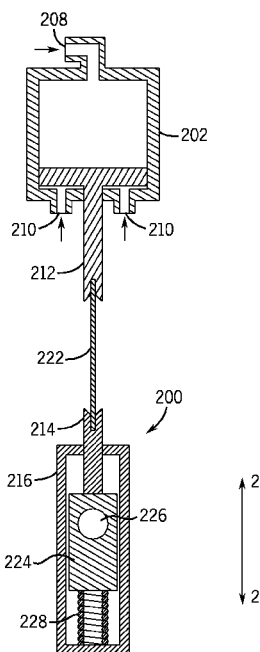


FIG. 3



OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML,
MR, NE, SN, TD, TG).

— *as to the applicant's entitlement to claim the priority of
the earlier application (Rule 4.17(iii))*

Declarations under Rule 4.17:

— *as to applicant's entitlement to apply for and be granted
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