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(54) Title: IN-LINE REPAIRABLE METAL SEATED FLOATING BALL VALVE

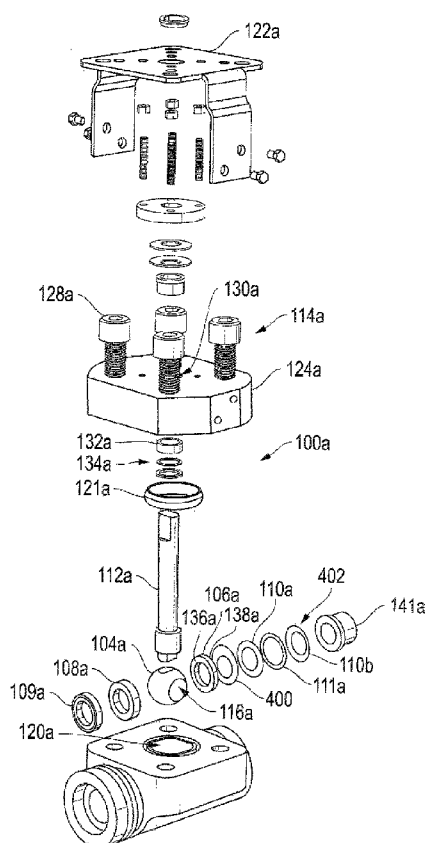


FIG. 5

(57) Abstract: A metal seated floating ball valve for in-line repair has a valve body, a ball mounted in the valve body, a stem connected to the ball, and a bonnet connected to the valve body. The floating ball valve further has a first seat and a second seat adjacent the ball mounted in the valve body, an energizing ring mounted in the valve body proximate the first seat and in series with the first seat and the second seat, and a valve seat bias mounted in the valve body proximate the energizing ring and in series with the energizing ring. The energizing ring may have a slot near the upper end and a wedge surface along the lower end.



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