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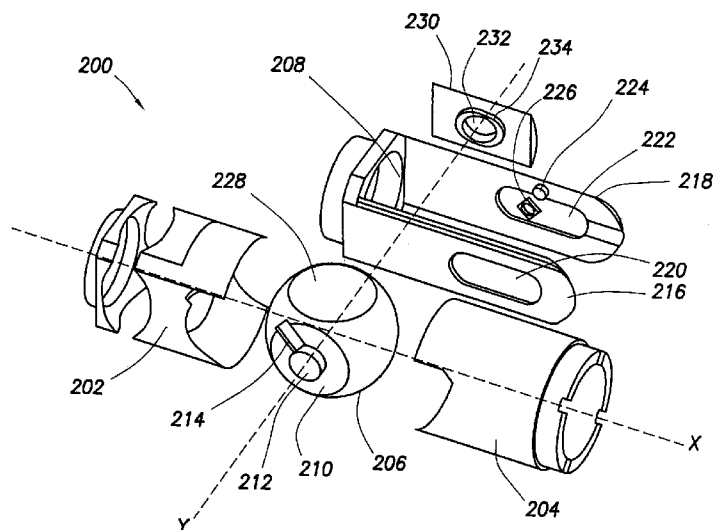


FIG.2

(57) Abstract: A ball valve comprises a ball rotatably disposed within a housing, and a trunnion plate supporting the ball. The trunnion plate comprises a trunnion plate hole, and a trunnion plate shoulder disposed on a surface of the trunnion plate about the trunnion plate hole, where the trunnion plate shoulder has a length in the axial direction of the ball valve that is greater than a width in the radial direction of the ball valve.