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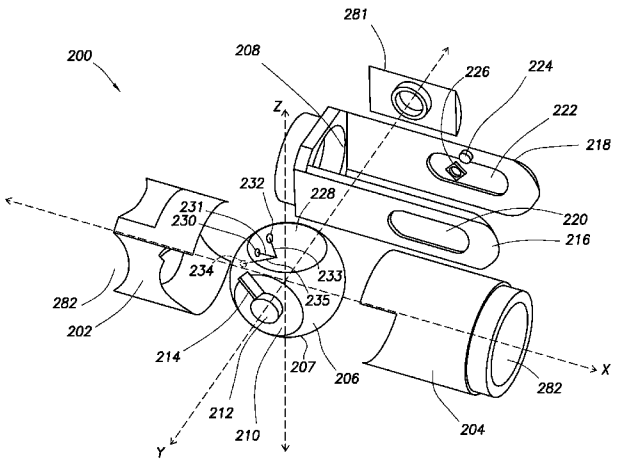


FIG.2A

(57) Abstract: A ball valve comprising a housing comprising a fluid passage, a first seat surface, a second seat surface, and a ball rotatably movable within the housing between an open position allowing flow through the fluid passage of the housing and a closed position preventing flow through the fluid passage of the housing, wherein the ball contacts the first seat surface and the second seat surface to form one or more seals within the ball valve, wherein the ball comprises a fluid passage and a fluid path, wherein the fluid path fluidly connects a space between the first seat surface and the second seat surface with the fluid passage of the housing, with the fluid passage of the ball, or both, when the ball is in the open position.

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