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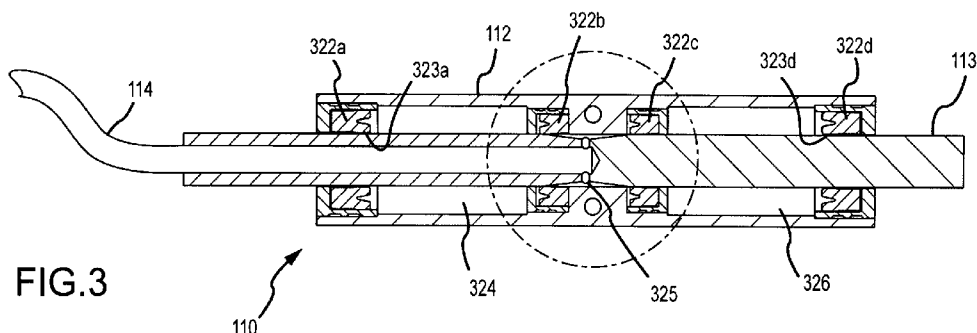


FIG. 3

(57) Abstract: A proportional actuator valve (110) adapted for position control and position adjustment is provided. The proportional actuator valve (110) includes a valve housing (112) having at least two chambers (324, 325). The chambers are separated by one or more sealing members (322). A valve slider (113) is provided that is movable in the valve housing (112). One or more grooves (329) are formed in the valve slider (113). The one or more grooves (329) pneumatically communicate with the two chambers (324, 325) of the valve housing (112). One or more bores (327, 328) are also formed in the valve slider (113). The one or more bores (327, 328) pneumatically communicate with the one or more grooves (329). Movement of the valve slider (113) relative to the valve housing (112) provides a pneumatic valve action.

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