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(54) Title: DOWNHOLE FRACTURING TOOL ASSEMBLY

(57) Abstract: Provided is a downhole fracturing tool assembly, a well system, and a method for fracturing a well system. The downhole fracturing tool assembly, in one aspect, includes a fracturing port cover coupleable to an interior of a wellbore casing having one or more fracturing ports therein. The downhole fracturing tool assembly, according to this aspect, further includes a fracturing port cover actuator coupled to the fracturing port cover, the fracturing port cover actuator operable to move the fracturing port cover between a first position sealing the one or more fracturing ports from an interior of the wellbore casing and a second position exposing the one or more fracturing ports to the interior of the wellbore casing, and fracturing port cover electronics coupled to the fracturing port cover actuator proximate the fracturing port cover, the fracturing port cover electronics operable to activate the fracturing port cover actuator.

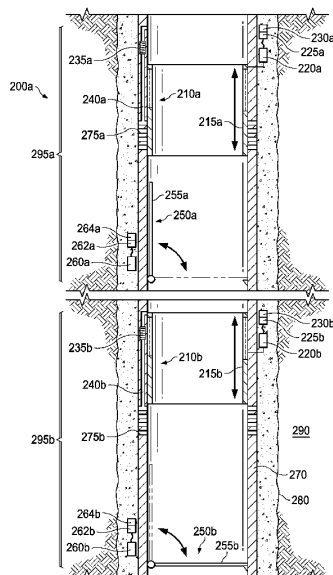


FIG. 2A

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