Downhole Tools and Methods for Selectively Accessing a Tubular Annulus of a Wellbore

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Summary: A downhole tool that selectively opens and closes an axial/lateral bore of a tubular string positioned in a wellbore

Description: This invention is of a downhole tool that selectively opens and closes an axial/lateral bore of a tubular string positioned in a wellbore that is used to produce hydrocarbons or other fluids. When integrated into a tubular string, the downhole tool allows individual producing zones within a wellbore to be isolated between stimulation stages while simultaneous allowing a selected formation to be accessed. The downhole tools and methods can be used in vertical or directional wells, and additionally in cased or open-hole wellbores.

Main Advantages of this Invention:
- Lower cost
- Simplistic design compared to current technologies
- Maintains a large wellbore
- Allows for a higher number of fracture stages per well

Potential Areas of Application:
- Oil and Gas

ID number: 10015

Intellectual Property Status: US 8,991,505

Opportunity: We are seeking an exclusive or non-exclusive licensee for marketing, manufacturing, and sale of this technology.

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