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- (71) Applicant (for all designated States except US): **BAKER HUGHES INCORPORATED** [US/US]; P.O. Box 4740, Houston, TX 77210-4740 (US).
- (72) Inventors; and
- (75) Inventors/Applicants (for US only): **RADFORD, Steven, D.** [US/US]; 187 North Millport Circle, The Woodlands, TX 77382 (US). **TRINH, Khoi, Q.** [US/US]; 1903 Lost Lake Place, Pearland, TX 77581 (US). **LI, Li** [CN/US]; 5239 East Quarterpath Drive, Boise, ID 83716 (US).
- (74) Agents: **WELBORN, Brian, S.** et al.; Baker Hughes Incorporated, Intellectual Property Counsel, P.O. Box 4740, Houston, TX 77210-4740 (US).
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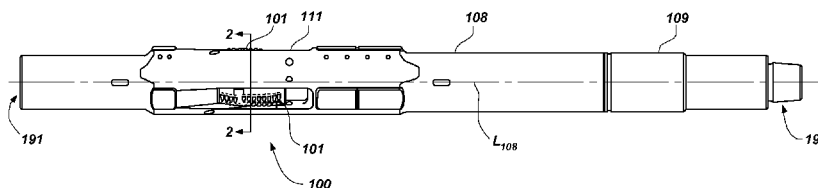


FIG. 1

(57) Abstract: Expandable apparatus for use in subterranean boreholes include at least one member configured to move between a retracted position and an extended position. Components of the expandable apparatus may include at least one surface for removing debris proximate to the tubular body. Components of the expandable apparatus may be configured to enable the expandable apparatus to increase a diameter of a subterranean borehole by greater than twenty percent. Components of the expandable apparatus may be configured to restrict fluid flow to nozzle assemblies. The expandable apparatus may include a protect sleeve having a push sleeve disposed therein. Methods of operating an expandable apparatus may include removing debris with a surface of the expandable apparatus. Methods of operating an expandable apparatus may also include selectively flowing fluid to nozzle assemblies.

