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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, R.** [US/US]; 187 N. Millport Circle, The Woodlands, TX 77382 (US). **SHU, Scott, S.** [US/US]; 20614 Louetta Oak Drive, Spring, TX 77388 (US). **ZAHRADNIK, Anton, F.** [US/US]; 227 Burkwood Court, Sugarland, TX 77479 (US). **BAUGH, J., Lindley** [US/US]; 4349 Ledgestone Trail, College Station, TX 77845 (US).

(74) Agents: **WELBORN, Brian, S.** et al.; Baker Hughes Incorporated, P.o.box 4740, Houston, TX 77210-4740 (US).

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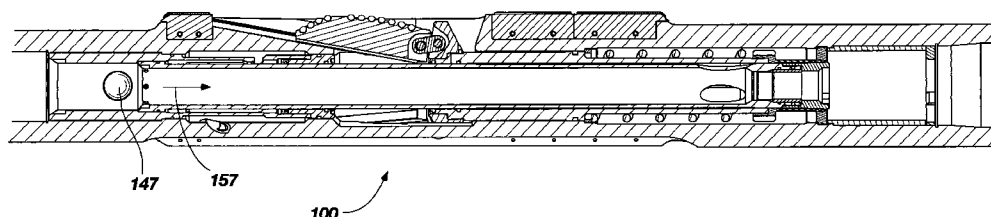


FIG. 18

(57) Abstract: An expandable reamer apparatus for drilling a subterranean formation includes a tubular body (108), one or more blades (101, 102, 103), each blade positionally coupled to a sloped track (148) of the tubular body, a push sleeve (115) and a drilling fluid flow path extending through an inner bore of the tubular body for conducting drilling fluid therethrough. Each of the one or more blades includes at least one cutting element configured to remove material from a subterranean formation during reaming. The push sleeve is disposed in the inner bore of the tubular body and coupled to each of the one or more blades so as effect axial movement thereof along the track to an extended position responsive to exposure to a force or pressure of drilling fluid in the flow path of the inner bore. The track is sloped upwardly and outwardly at an acute angle (180).



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