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(54) Title: EARTH BORING TOOLS INCLUDING RETRACTABLE PADS, CARTRIDGES INCLUDING RETRACTABLE PADS FOR SUCH TOOLS, AND RELATED METHODS

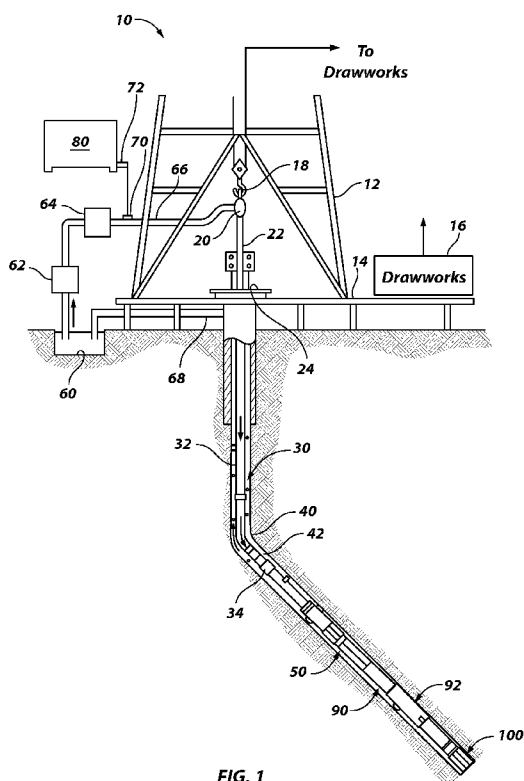


FIG. 1

(57) Abstract: An earth-boring tool may comprise at least one cavity formed in a face thereof. At least one retractable pad residing in the at least one cavity may be coupled to a piston located at least partially within the at least one cavity. Additionally, a valve may be positioned within the earth-boring tool and configured to regulate flow of an incompressible fluid in contact with the piston through an opening of a reservoir. A cartridge may comprise a barrel wall defining a first bore, and a piston comprising at least one retractable pad positioned at least partially within the first bore. The barrel wall and the piston may define a first reservoir within the first bore, and a valve may be positioned and configured to regulate flow through an opening to the first reservoir. Related methods and devices are also disclosed.



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