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(54) Title: MULTI-FUNCTIONAL WELLBORE CONDITIONING SYSTEM

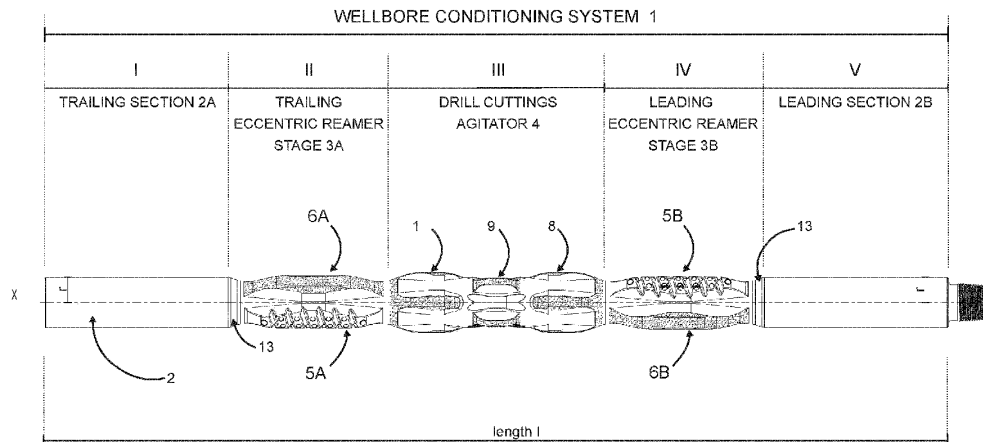


FIG. 1

(57) Abstract: One-piece multi-functional wellbore conditioning system that combines reaming while drilling, wellbore conditioning, providing a plastering effect, improved stabilization and cleaning cuttings from a drilled hole. Said one-piece multi-functional wellbore conditioning system comprises two reamer stages and a drilling cuttings agitator positioned between the two reamer stages, wherein the drill cuttings agitator comprises a plurality of first, second and center stabilizing blades extending radially outwardly from the outer surface of the body of the drill cuttings agitator and a plurality of hydrodynamic flutes extending radially inwardly from the outer surface of the tubular body.

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