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(54) **Title:** NOVEL CEMENT COMPOSITION FOR LOST CIRCULATION APPLICATION

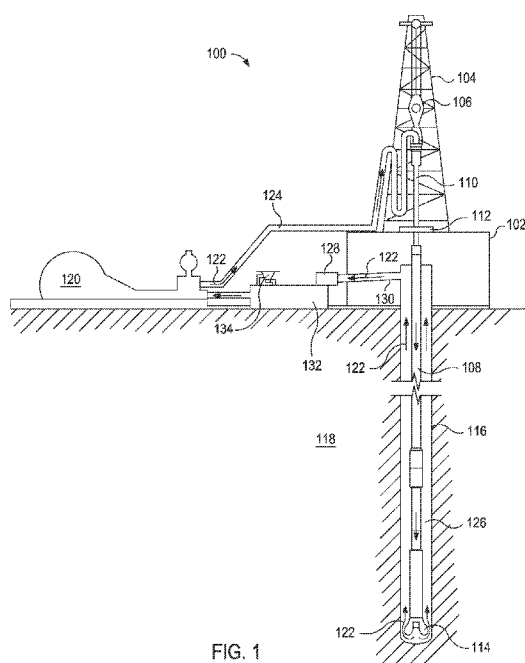


FIG. 1

(57) **Abstract:** A method of cementing a subterranean formation includes providing a cement composition comprising cementitious material, aqueous base fluid, nanoparticles, synthetic clay, and a thixotropic modifier, where the solid materials are about 0 wt% to about 40 wt% of the total weight of the cement composition; introducing the cement composition into a subterranean formation; and allowing the cement composition to set in the subterranean formation. Cement compositions include cementitious material, aqueous base fluid, nanoparticles, synthetic clay, and a thixotropic modifier.