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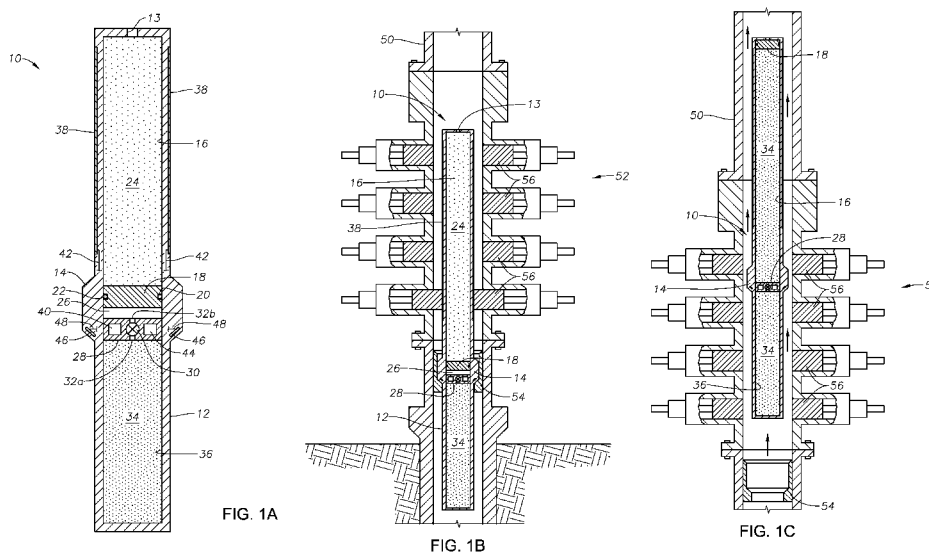
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(54) **Title:** AUTONOMOUS PAINTED JOINT SIMULATOR AND METHOD TO REDUCE THE TIME REQUIRED TO CONDUCT A SUBSEA DUMMY RUN



(57) **Abstract:** A system and method utilizing a painted joint simulator to reduce the time required to conduct a dummy run in order to space out subsea test equipment within a blow-out preventer. In certain embodiments, a heavy weight fluid is injected into a chamber of the joint in order to assist in its downhole descent speed. In other embodiments, a high pressure fluid is injected into a second chamber of the joint in order to force the heavy weight fluid out of the joint in order to assists in the ascent back to the surface. Other embodiments include an umbrella assembly that assists in the descent or ascent of the painted joint.