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(54) **Title:** HIGH PRESSURE MULTISTAGE CENTRIFUGAL PUMP FOR FRACTURING HYDROCARBON RESERVES

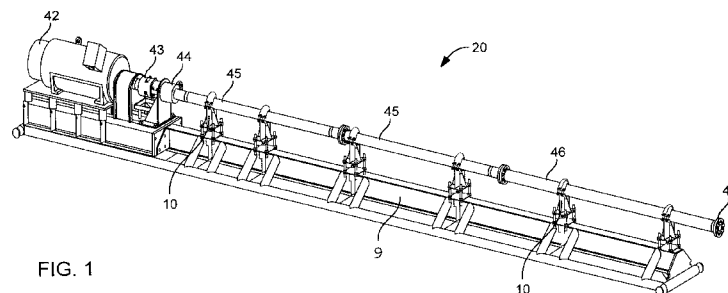


FIG. 1

(57) **Abstract:** The present invention relates to a multistage centrifugal pump design, which has the diffusers, impellers, and a shaft, inserted within a high pressure housing, such that this assembly is fully enclosed within the housing, and the housing is of sufficient strength to be suitable for safe pressure containment of the fluids being pumped. This invention describes the technical details used to reconfigure the multistage centrifugal pump design to increase the discharge pressure capabilities higher than the 6,000 psig of current designs.