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(54) Title: DISCONNECTABLE SPREAD MOORING AND RISER TOWER SYSTEM AND METHOD

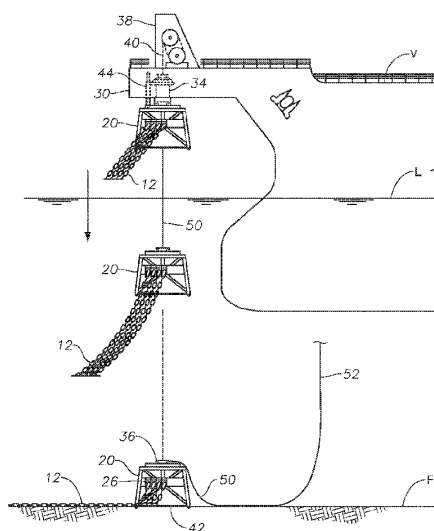


FIG. 9

(57) Abstract: A disconnectable spread mooring and riser tower system for a vessel floating at a water surface. The system comprises a forward chain table assembly releasably connected to the vessel at the bow via a first connector assembly, and an aft chain table assembly releasably connected at the stern via a second connector assembly. Mooring legs are attached to the chain table assemblies and are capable of being anchored at spaced locations on a seafloor. The first and second connector assemblies are arranged and designed to unlock and release the forward and aft chain table assemblies from the vessel. A riser tower system fixed to the seafloor may be located near the moored vessel and flexible jumper hoses can be extended between the riser tower system and the vessel to transfer fluids, air, power and control signals.

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