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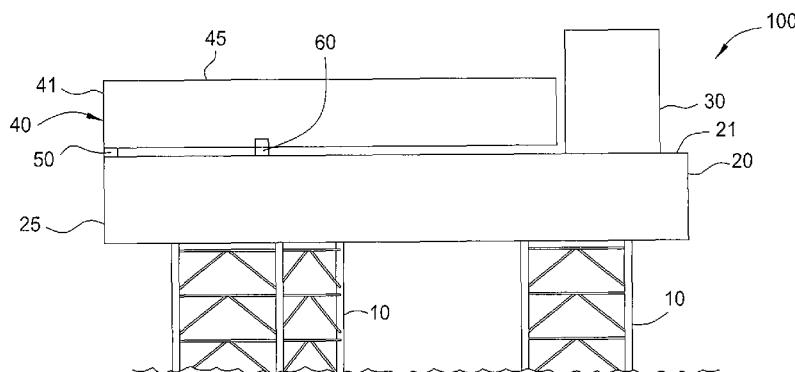


FIG. 1

(57) **Abstract:** A cantilever system for a rig comprising a hull, a beam coupled to the hull, an extension member coupled to the beam, and a hold-down member spaced from a support member and coupled to the extension member. A first end of the beam is extendable over an edge of the hull while a second end of the beam is positioned on the hull. The extension member increases the longitudinal length of the beam. The support member is disposed adjacent the edge of the hull. The hold-down member is configured to apply a force to the extension member in a direction toward the hull when the first end of the beam is extended over the edge of the hull. A method of increasing the capacity of the cantilever system comprises increasing the spacing between the support member and the hold-down member.



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