

ABSTRACT OF THE DISCLOSURE
AN APPARATUS FOR RELEASING
A RACK CHOCK OF A JACK-UP RIG

A "frozen" rack chock of a jack-up rig is released by a moving force imparted on the rack chock by a worm gear assembly. The worm gear assembly has a tooth wheel with a plurality of teeth and a worm gear member provided with a worm thread that engages the teeth for transmitting rotational force from a drive motor to the tooth wheel. A shaft of the tooth wheel is operationally connected to the rack chock to cause disengagement of the rack chock from the contact surface of a leg chord when the tooth wheel is rotated.

Fig. 1