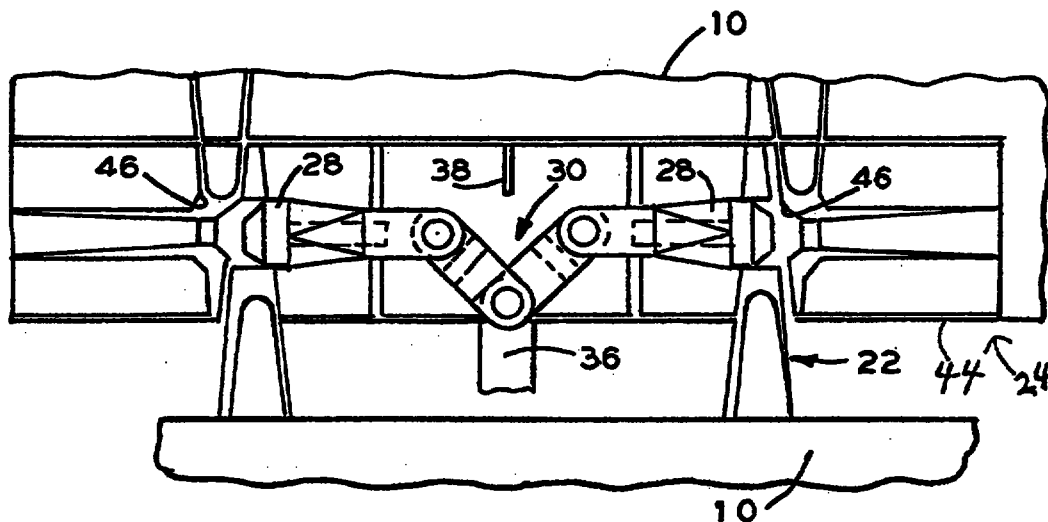




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(54) Title: MARINE CONNECTOR



(57) Abstract

A marine connector that facilitates docking of large floating objects during a sea state that produces significant relative motion between the two objects. A toggle nose (22) is mounted on one floating object (10) and a mating device, a toggle nose receiver (24), is mounted on the second floating object (10). The toggle nose contains a toggle mechanism (30) that extends and retracts two opposed transverse pins (28) having conical ends. The toggle nose receiver is provided with corresponding conical sockets (46) to receive the ends of the pins.