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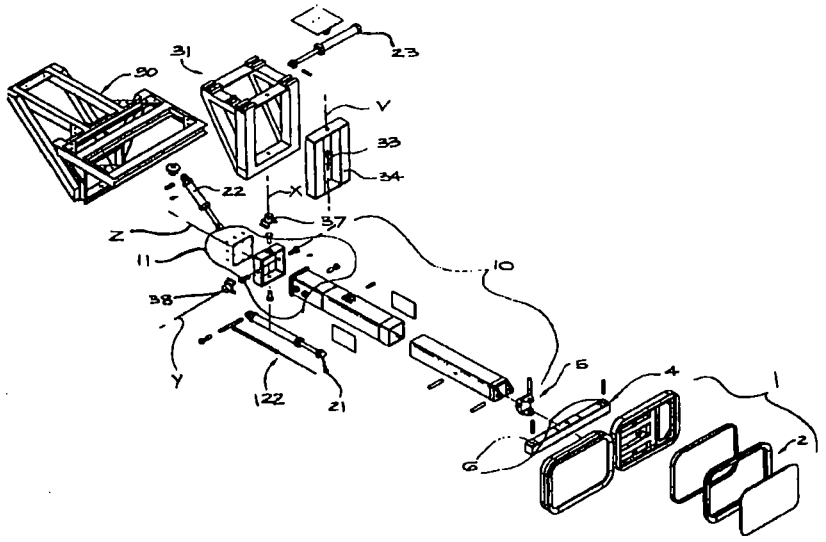
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(54) Title: MOORING DEVICE



(57) Abstract: A mooring robot (100, 200) for releasably fastening a first moveable object (S) to a second nearby object (51) is disclosed. The first moveable object (S) moves in response to the application of external forces to the object (S). The robot (100, 200) operates to restore the first object (S) to a predetermined operating position. With particular reference to the mooring of a vessel (S), the mooring robot (100, 200) has attractive attachment element(s) (1) fixable to a ship's hull and includes a movement unit (10, 210), with active three-degree-of-freedom translation, for controlling the position of the attachment element(s) (1). The movement unit (10, 210) includes a restorative means associated with each of the two degrees of translational freedom in the horizontal plane which provide a restorative force acting to return the attachment element(s) (1) to the predetermined operating position.

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