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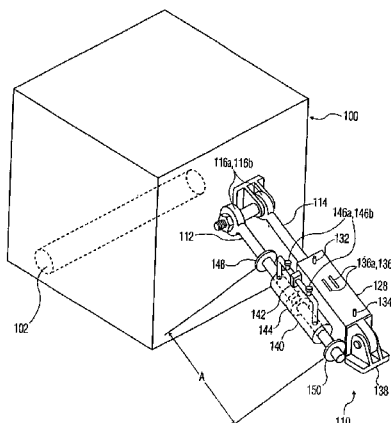
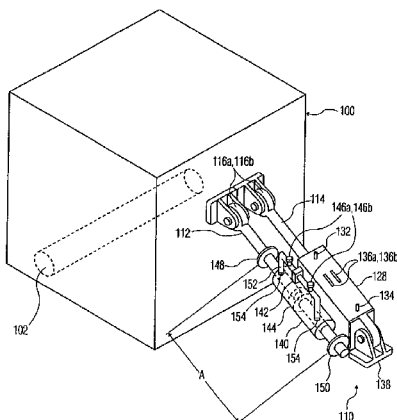
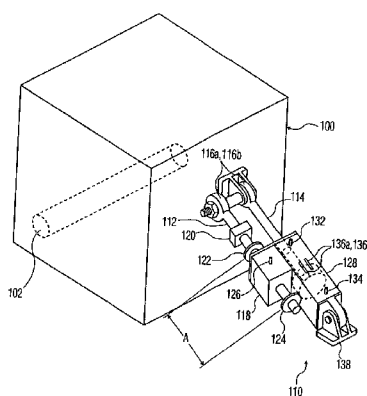
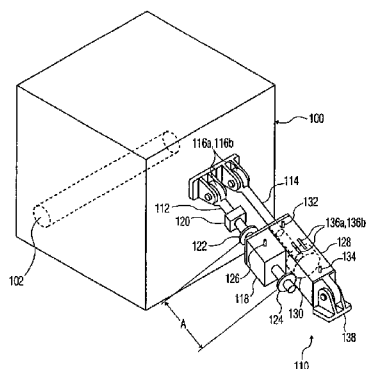
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(54) Title: MANIPULATOR FOR A TEST HEAD WITH ACTIVE COMPLIANCE



(57) Abstract: A load, such as an electronic test head, is supported. A force sensor detects a force received from the load, the force resulting from the load being imbalanced such that a torque is created about a rotational axis of the load. A source of force provides a counter force relative to the load in response to the force detected by the force sensor. A method of docking an electronic test head held in a test head manipulator to an electronic device handler is also provided. The method of docking includes measuring a magnitude of an imbalance force along or about at least one of a plurality of motion axes of the test head manipulator; and providing a counter force to the imbalance force.

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