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(54) **USER INPUT DEVICE FOR CONTROLLING MEDICAL IMAGING EQUIPMENT MOTION**

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(57) **ABSTRACT**

A system including a user input device for controlling a position of medical equipment is described. In an example embodiment, the user input device is configured to be coupled to the medical equipment and is responsive to an operator input representation of a desired movement of the equipment. A processor determines a direction in which the operator desires the equipment to move based on a device output.

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