

ABSTRACT

A CONTROLLER

A controller (1) converts physical movement in eight directions of motion into electrical signals. The controller (1) has two opposed handles (2a, 2b) connected together using
5 a gimbal (150) having a telescoping device (200) that is rotatable relative to the gimbal (150). The telescoping device (200) has an inner member (18) that is biased in either telescoping direction using one spring. The inner member (18) can be locked along either of the telescoping directions using a locking device (26). The gimbal (150) has four sensors sensing movement of one handle (2a) relative to the other handle (2b).

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Fig. 18a



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