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(54) Title: METHODS, APPARATUSES, AND SYSTEMS FOR DRIVING A MOVABLE PARTITION WITH A LEAD DRIVE BOX

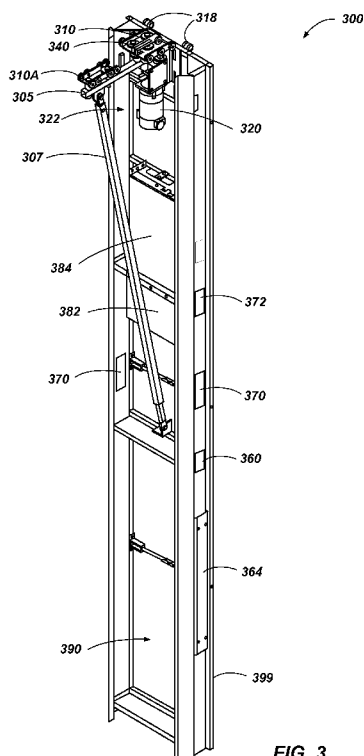


FIG. 3

(57) Abstract: Movable partition systems includes a movable partition engaged with and movable along a longitudinal track and a lead drive box coupled to the movable partition and engaged with the track. The lead drive box is configured to move along the track and move the movable partition along the track. The lead drive box includes a trolley for disposition within the track, a motor coupled to the lead drive box, and a rotatable drive member coupled to the lead drive box and the motor. The rotatable drive member engages an elongated drive member extending along the track to motivate the lead drive box and the movable partition attached thereto along the track when engaged with the motor and the motor is rotating. An electronics module disposed within the lead drive box is configured for controlling operation of the motor responsive to signals originating from sources carried by the lead drive box.



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