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(54) Title: SUSPENDED THEATER EDGE ACTUATED SEAT MOVING MACHINE

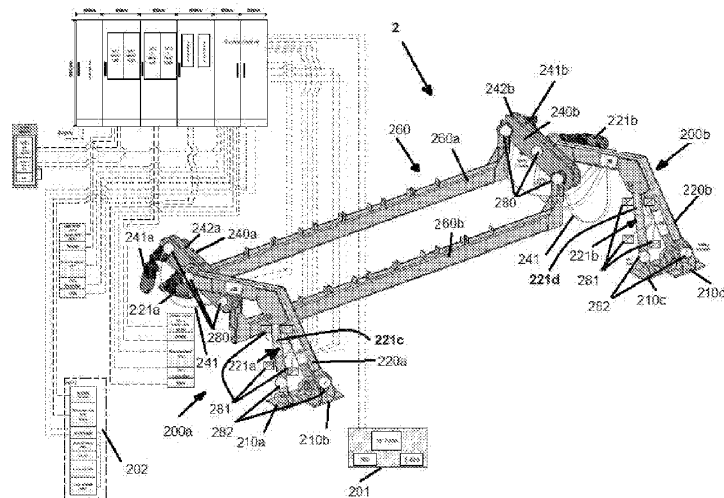


FIGURE 1

(57) Abstract: A seat moving machine comprises a passenger seat assembly (260) disposed in between opposing seat supports (200a, 200b) which raise and lower the passenger seat assembly (260). One or more passenger seat beam rotators (241) are operative to rotate the passenger seat assembly to change the pitch independently of the raising and lowering. In embodiments, rather than the seat rows being pivoted up with a rotating floor, a rotate function alters their mutual positions to one another while the lift function is taking place which brings the back seat rows up and over the front seat rows, allowing control over mutual row position during lift and in the show. Though no cables are involved, by combining the motions of lift and rotate and without any further equipment, an immersive theater system comprising the seat moving machine still employs seating that is suspended.

[Continued on next page]

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