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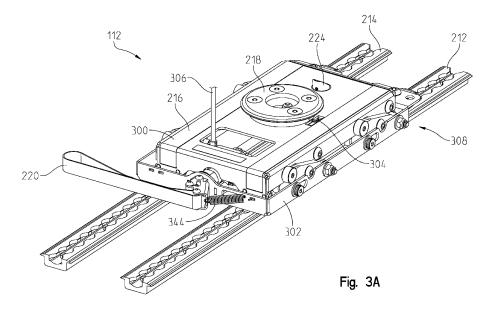
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(54) WHEELCHAIR DOCKING SYSTEM AND METHOD THEREOF

(57) A wheelchair docking system including a frame having an upper portion and a lower portion, the upper portion being movable relative to the lower portion between a lowered position and a raised position. A coupler mechanism engages a wheelchair during a docking operation. The system also includes a first latching mechanism being movable between a retracted position and a latching position such that the first latching mechanism

is spaced from the coupler mechanism. A second latching mechanism moves the upper portion of the frame between its lowered position and raised position. The first latching mechanism is partially retracted by a wheel-chair during the docking operation, and the first latching mechanism is biased to its latching position when the coupler mechanism engages the wheelchair.





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