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(54) Title: FIXTURE AND SYSTEM FOR A RAIL CLAMP ASSEMBLY

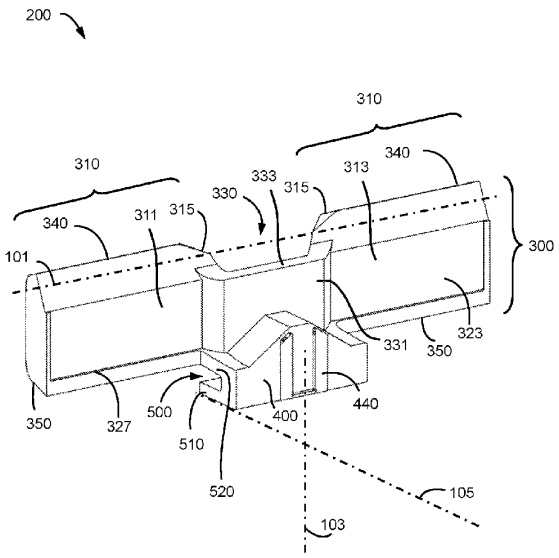


FIG. 1

(57) Abstract: A fixture for a rail includes a plate and an overhang rigidly extending from the plate, in which the overhang defines a slot beyond the plate. The plate defines a head interfacing edge and a foot interfacing edge, in which each of the head interfacing edge and the foot interfacing edge extending parallel to a longitudinal axis. The overhang extends from the foot interfacing edge and disposes the slot parallel to and spaced apart from the foot interfacing edge. The overhang includes a proximal slot surface and a distal slot surface. The proximal slot surface and the distal slot are spaced apart and defines the slot therebetween. A rail clamp system may include the fixture coupled with an acceleration measurement module which in turn may be configured for operable communication with a wireless data transmission module.

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