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Remarks:

This application was filed on 04-06-2014 as a divisional application to the application mentioned under INID code 62.

(54) **Traveling test apparatus for vehicle**

(57) A traveling test apparatus (1) for a vehicle, comprising: a tire driving mechanism (200, 300) for driving and rotating the tire (Wf) by contacting a tread surface of the tire attached to a vehicle (C); a load sensor (721, 722, 723, 724) for measuring a force transmitted from the tire (Wf) to the tire driving mechanism (200, 300); a first measuring means for measuring an output of the load sensor with a first measuring range; a second measuring means for measuring the output of the load sensor with a second measuring range wider than the first measuring range; and a switching means for transmitting the output of the load sensor selectively to one of the first measuring means and second measuring means. The switching means transmits the output of the load sensor to the first measuring means when measuring a force variation generated while the vehicle is traveling, and the switching means transmits the output of the load sensor to the second measuring means when measuring a braking force generated while the vehicle is decelerated.

uring range; and a switching means for transmitting the output of the load sensor selectively to one of the first measuring means and second measuring means. The switching means transmits the output of the load sensor to the first measuring means when measuring a force variation generated while the vehicle is traveling, and the switching means transmits the output of the load sensor to the second measuring means when measuring a braking force generated while the vehicle is decelerated.

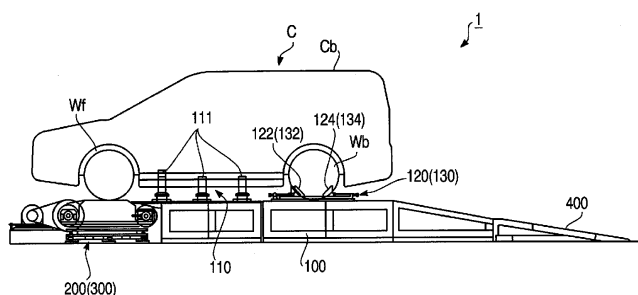


FIG. 1