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(54) **TWO-WHEEL, SELF-BALANCING VEHICLE WITH INDEPENDENTLY MOVABLE FOOT PLACEMENT SECTIONS**

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(57) **ABSTRACT**

A two-wheel, self-balancing personal vehicle having independently movable foot placement sections. The foot placement sections have an associated wheel, sensor and motor and are independently self-balancing which gives the user independent control over the movement of each platform section by the magnitude and direction of tilt a user induces in a given platform section. Various embodiments are disclosed including those with a continuous housing, discrete platform sections and/or tapering platform sections.

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**Related U.S. Application Data**

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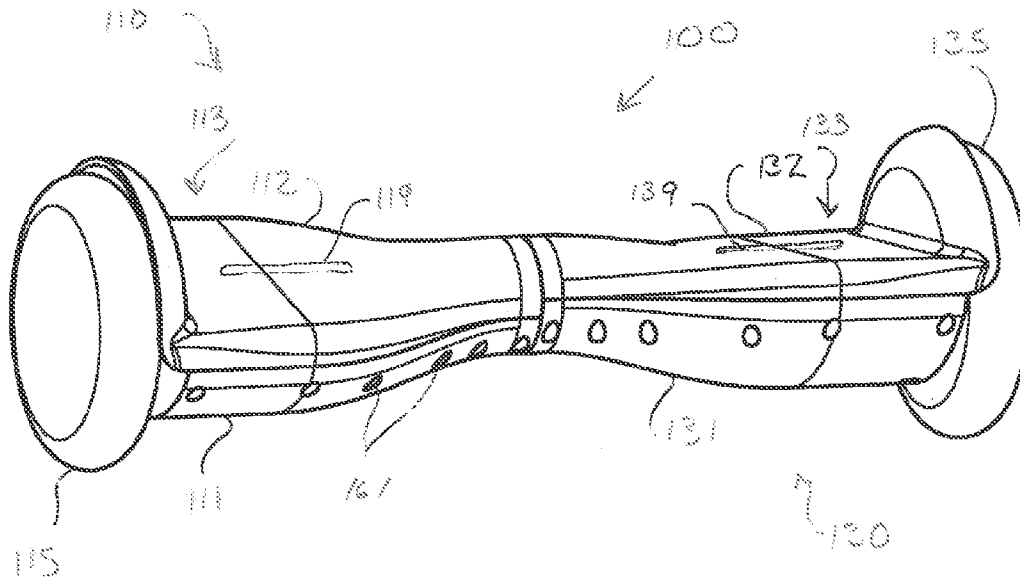
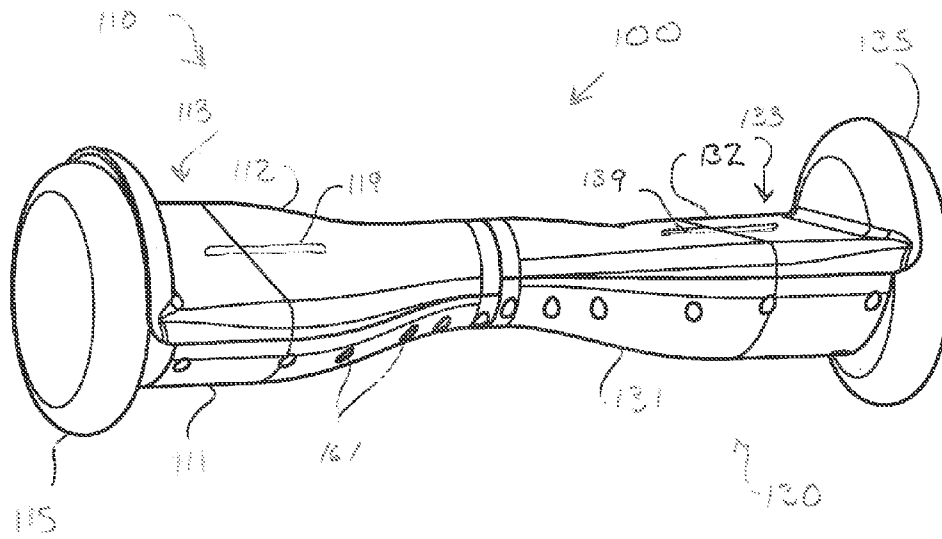


Fig. 1



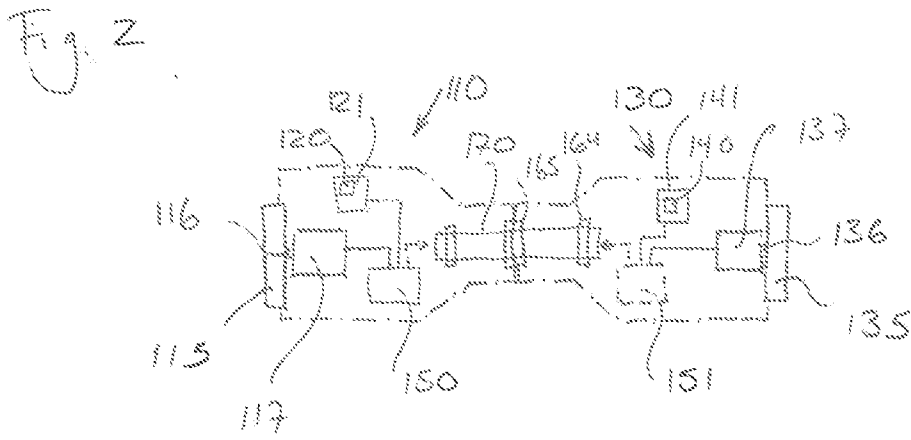


Fig 3

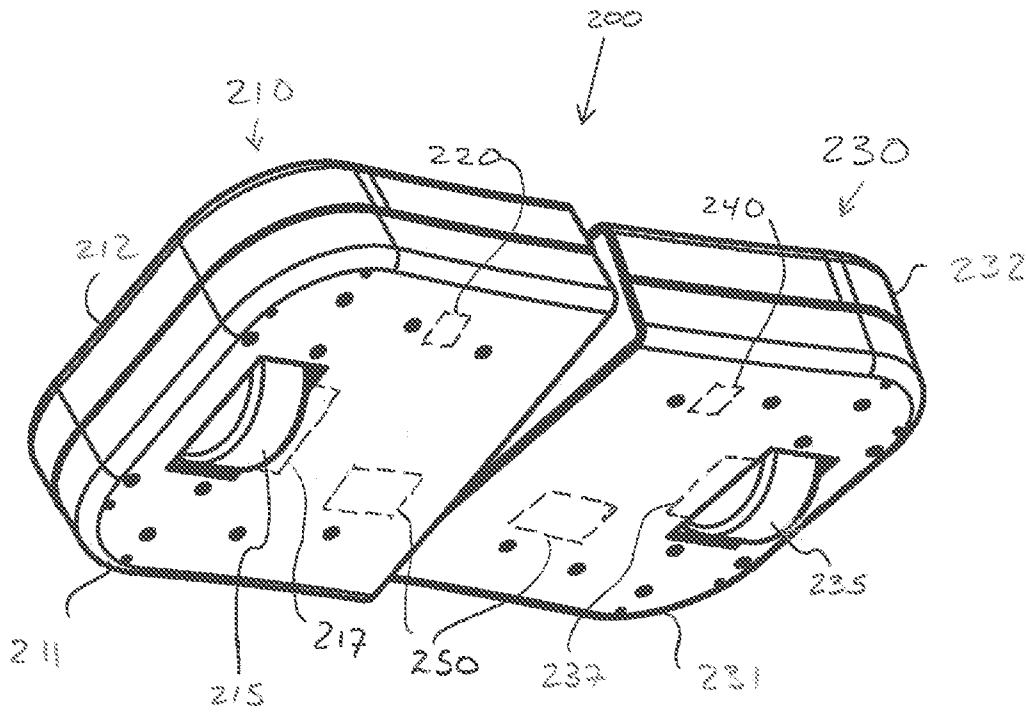


Fig 4

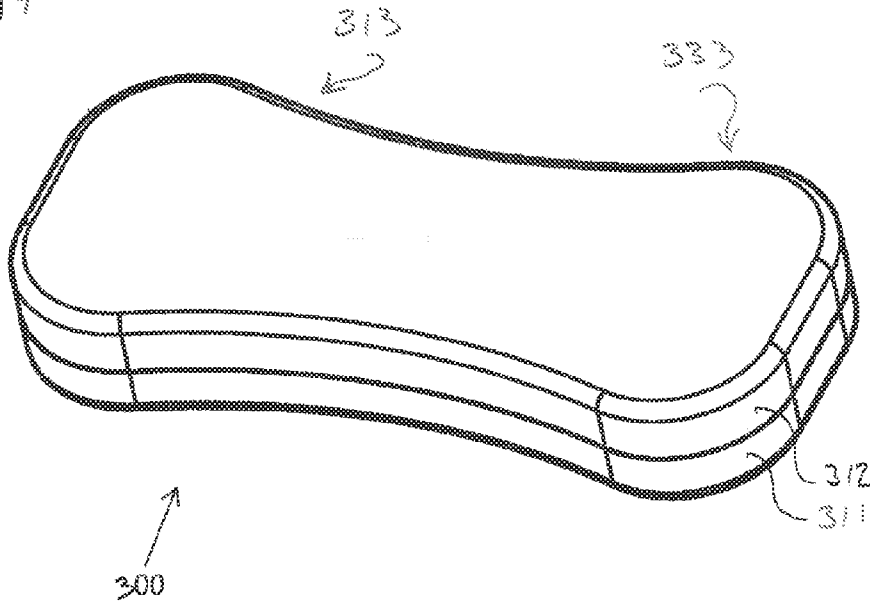
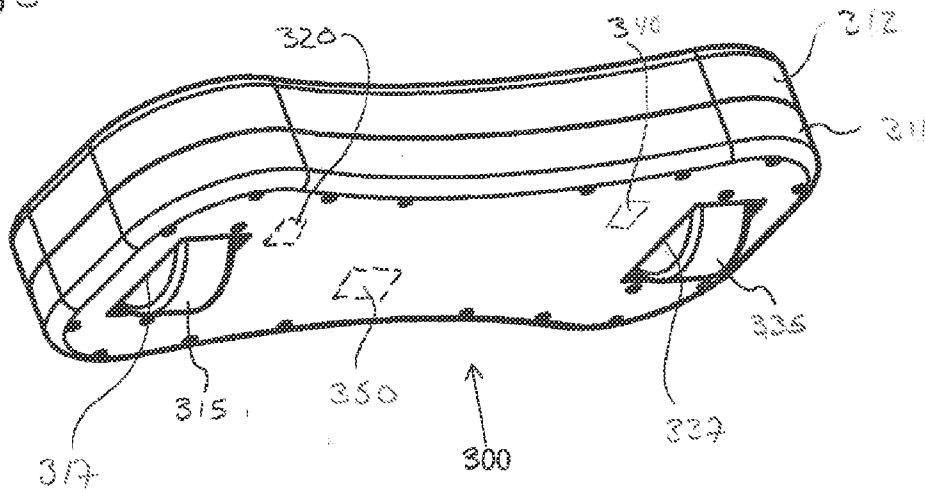


Fig 5



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