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CASTER WHEEL ARRANGEMENT

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Abstract of US2017056260 (A1)

A caster wheel arrangement for a powered wheelchair, the caster wheel arrangement comprising: a caster wheel module comprising: a wheel rotatably connected to a first linkage member, wherein the wheel is rotatably arranged about a first axis of rotation of the wheel; and a support element rotatably connected to the first linkage member through a joint configured to allow a rotation of the first linkage member relative to the support element around a second axis of rotation perpendicular to the first axis of rotation; a second linkage member connected to the support element at a third axis of rotation, wherein the third axis of rotation is essentially perpendicular to the second axis of rotation of the first linkage member, to allow rotation of the caster wheel module about the third axis of rotation, wherein the third axis of rotation passes adjacent to the second axis of rotation.

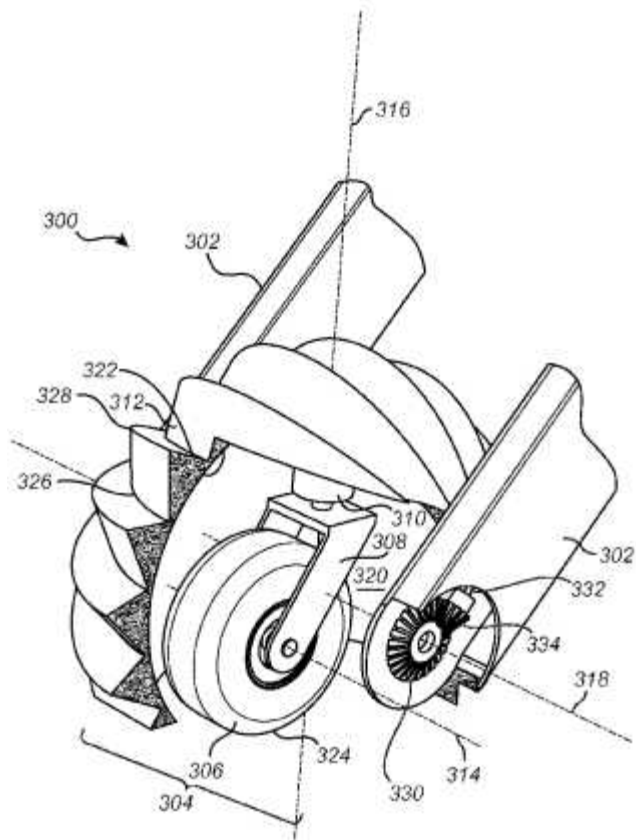


Fig. 3