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(54) Title: WHEEL ASSEMBLY AND TRANSPORTATION DOLLY COMPRISING THE WHEEL ASSEMBLY

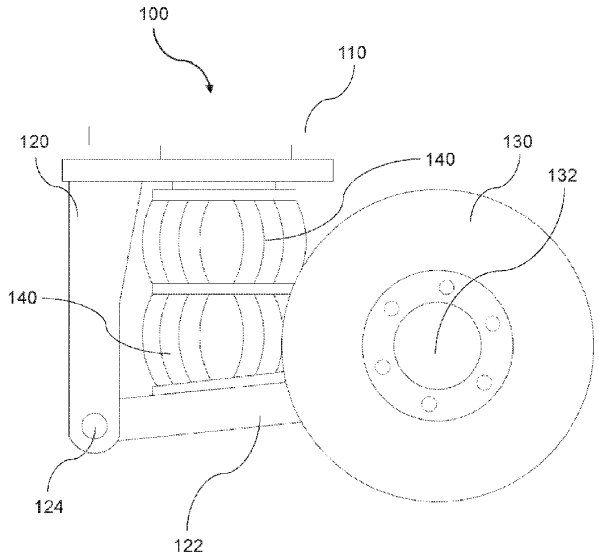


FIG. 1C

(57) Abstract: The present disclosure generally relates to a wheel assembly (100) and a transportation dolly (200) comprising the wheel assembly (100). The wheel assembly (100) comprises a base member (110), a first arm member (120), a second arm member (122) pivotally coupled to the first arm member (120), wheels (130) comprising a wheel axle (132) coupled to the second arm member (122); and inflatable bellows (140) coupled to the base member (110) and the second arm member (122). The inflatable bellows (140) are horizontally offset from the wheel axle (132) and the first arm member (120). The inflatable bellows (140) are expandable and contractible by vertical movement of the wheels (130) and the base member (110) relative to each other, thereby enabling the inflatable bellows (140) to absorb forces from the vertical movement.

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