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(54) Title: WHEELCHAIR \ DOOLIE

(57) Abstract: The patent of the wheelchair \ doolie can be named only by wheelchdoolie or "wheelchdool" and allows a new and wide range of possible uses in human health and mobility, as well as in the care and way of providing them by caregivers and in irreplaceable support they provide, which can be included in social and health facilities, for example in ambulances, hospital or clinical care and nursing homes, among others.



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## DESCRIPTION WHEELCHAIR \ DOOLIE

The patent of the wheelchair \ doolie allows a new and wide range of possible uses in human health and mobility, as well as in the care and way of providing them by caregivers and in the irreplaceable support they provide, can be included in social and health equipment's, for example in ambulances, hospital or clinical care and nursing homes, among others.

It is characterized by:

Cover all types of wheelchairs whose seats are or can be positioned horizontally and have at least 8 wheels in total and four or more wheels on each side.

Cover and include, a system similar to the passenger bus doors (which open outwards) or automatic doors, but horizontally about 60 centimeters from the floor or adjusting to the height of the object to be approached, bed, chair or sofa for example. Facilitating all the mobility of patients or users of the wheelchair to another bed or another chair or sofa, if necessary removing or opening one of the arms of the chair, which allows the passage from one to another chair or to the bed in complete safety and without the person fall.

As well can include a machine with a system or mechanism of seat belts with a "belt jacket" and kind of a jacket with a string from the point of the arms, that can be passed under the patient body, to make the turning in bed possible, attached to a mechanism to allow Covid 19 patients among others to be turned over bed or doolie. With a crank or handle for the upper part to support move and turn the patient and a pedal for the ground support, that can be let down until the ground and opened or extended to provide a solid base that avoids the machine to turn and fall.

Improve mobility mainly for persons with disabilities but not only and help to simplify the care work, facilitating human movement including mobility within the buildings as well as in small elevators, stairs etc.

There may also be gains and improved functionality while improving safety for example using the mentioned seat belts.

On another hand, as much as possible to increase the autonomy and even the dignity of persons eventually decreasing the need and regularity with which they need care and attention, without neglecting the physiological needs, with or without a kind of potty system enclosed in the chair, and may include or not a direct connection to the sewer or pipe to also facilitate this work.

## CLAIMS WHEELCHAIR DOOLIE:

1 - The patent covers all types of wheelchairs whose seats are or can be positioned horizontally and have at least 8 Wheels and four or more wheels and supports or equivalent, on each side.

2 - Includes all types of parts and accessories that can be attached or assembled to the chair, namely safety belts and vests.

3 - Covers and may include a system, among others, similar to passenger bus doors, but horizontally opening outwards, capable of supporting the weight of a person if necessary by removing or opening an arm of the chair at an angle and parallel to the floor so that the arm of the chair is extended and supports the weight of the chair and the people, the mechanism and any accessories, as well as a system close to the floor similar to those that support cranes and trailers.

4- The previous system may include a system or mechanism with or without kind of a straitjacket with a string in the point of the arm, which allows to turn Covid 19 patients in the bed or doolie, among others. With a crank or handle for the upper part to support move and turn the patient and a pedal for the ground support, that can be let down until the ground and opened or extended.

5 - It may include a wastewater treatment system with or without direct connection to the sewer or a potty system.

