Title (en)
MECHANISM FOR MOVING WHEELCHAIR WHEELS REARWARD

Title (de)
MECHANISMUS ZUM BEWEGEN VON ROLLSTUHLRÄDERN NACH HINTEN

Title (fr)
MÉCANISME POUR DÉPLACER DES ROUES DE FAUTEUIL ROULANT VERS L'ARRIÈRE

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Application
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Abstract (en)
One of the biggest challenges that a disabled wheelchair user faces when using a wheelchair is getting in and out of the wheelchair. The method most commonly used for getting in or out of a wheelchair is a method using a sliding board. In this method, a user lays the sliding board across a wheelchair seat and a bed and moves across by pushing his or her buttocks. However, the biggest challenge of this method is that the large size of the wheelchair wheels makes it difficult to mount the sliding board on a side surface of the wheelchair, and there is also a high risk of falling while moving. The present invention enables a wheelchair user to easily move large wheelchair wheels rearward without outside assistance by using an armrest of the wheelchair as a lever. Through the present invention, which is lightweight and enables wheelchair users to easily move a wheel rearward by themselves, disabled wheelchair users can easily get in and out of wheelchairs by themselves without outside assistance.

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