

Embrace

peace of mind - independence - control

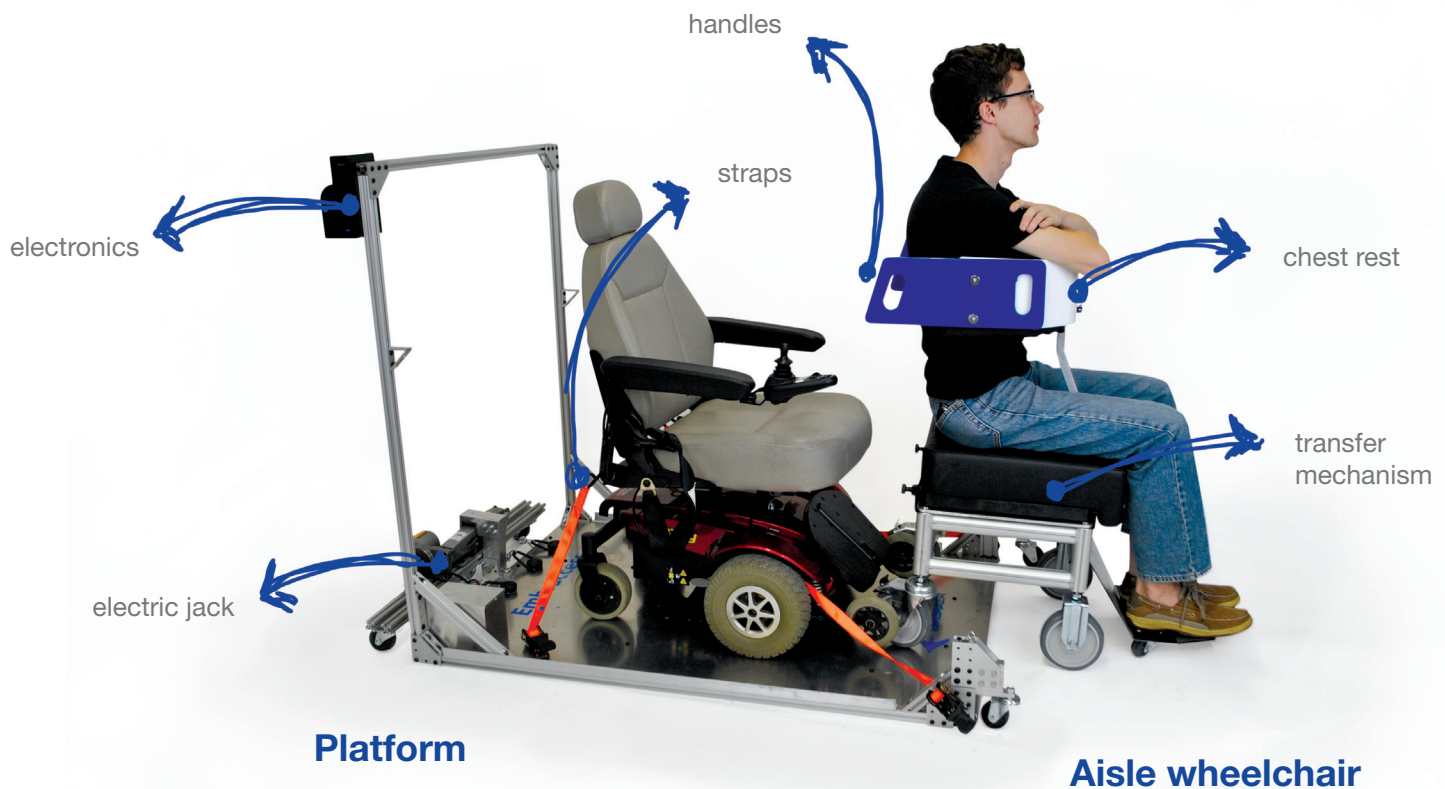
Problem



For wheelchair users, air travel is a stressful and uncomfortable experience. Since 60% of wheelchairs are damaged during the flying experience, users are constantly worrying about whether their wheelchair will make it safely to their destination. Additionally, users suffer as they have to perform uncomfortable and unsafe transfers between their wheelchair, the aisle wheelchair and the airplane seat (e.g. on entry or disembarkation, or to use the toilet).



Redesigning the flying experience



We are giving wheelchair users the **piece of mind**, **independence** and **control** they deserve through the use of a rigid platform for their wheelchair and a safer, more comfortable transfer process.

Credits



Stanford

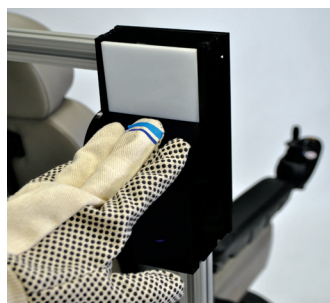
Platform



Easy and consistent way of moving any type of wheelchair.



Straps already used in other forms of transportation secure wheelchair down.



RFID for the handler to check in and an accelerometer that detects falls or hard impacts.



Handler lowers the platform's wheels to smoothly roll it from one location to another.

Aisle wheelchair



Lateral transfer mechanism makes transferring from chair to chair smooth and easy.



Provides mobility in small places and allows users to go to the restroom.

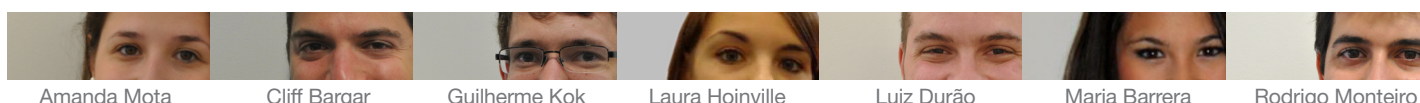
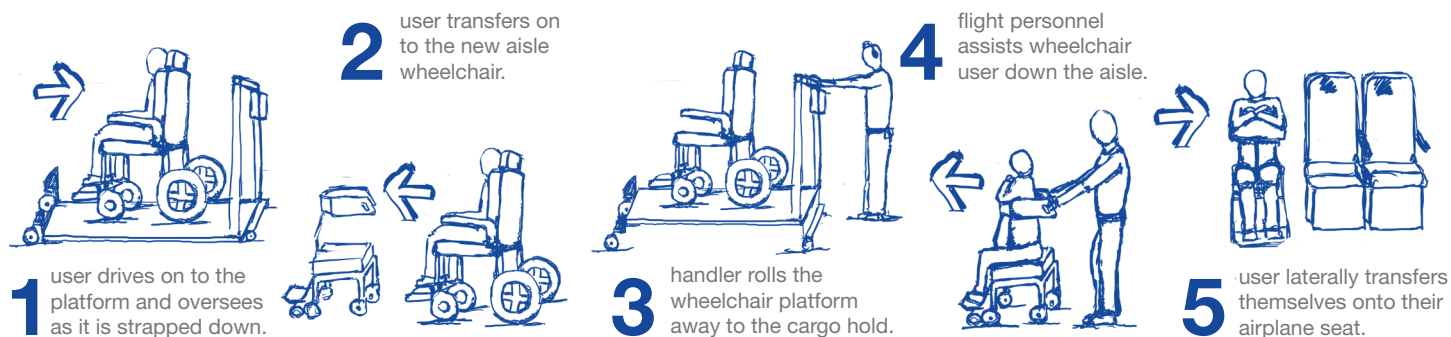


Frontal support increases wheelchair user's comfort, stability and safety.



Ajustable handles facilitate assistance from companions and flight attendants.

New experience



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