

Sweep-It

Assistive Technology, Wheelchair Users, Accessibility, fine-motor grabbing, Daily Living Activities, Pick-up Tool

Sweep-It is a universally designed grabber tool that integrates with a commercially available “Hook-It” device (used to pick up larger objects) and enables wheelchair users with limited hand function to pick up small objects. The Sweep-It enables users to easily sweep up objects such as credit cards, money, pens, and pieces of food off of the floor.

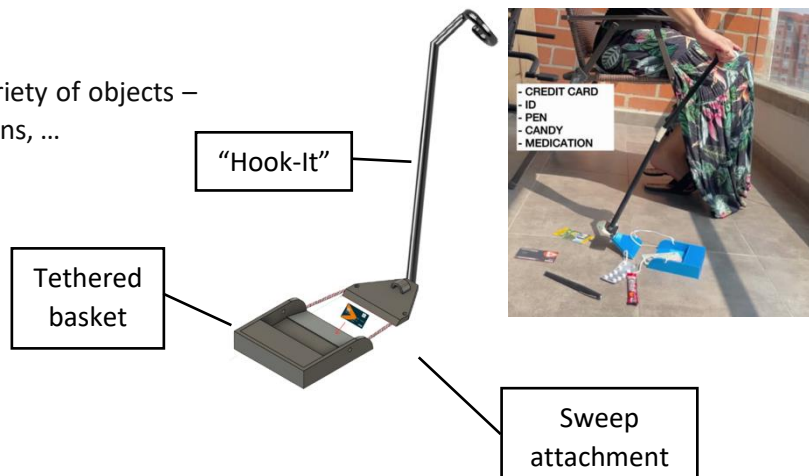
Most existing grabber tools rely on fine motor skills and offer limited functionality, falling short for users with limited hand function. Designed to seamlessly integrate with the affordable Hook-It grabber tool, Sweep-It empowers users to effortlessly pick up small objects from the floor with a single hand. The 2-in-1 tethered basket and sweep design offers a smooth and effective pickup operation. In addition to extending the user’s reach, Sweep-It works for a variety of challenging objects and shapes. Without Sweep-It, small object pickup remains a frustrating and potentially dangerous task for wheelchair users.

Indications

Sweep-It can be used to pick up a variety of objects –
Credit Cards, Pills/Medicine, Keys, Coins, ...

Advantages

- Independence
- Ease of use
- Affordability
- Portability
- Peace of mind



Invention Readiness

The Sweep-It is undergoing final verification & validation testing, and an invention disclosure application has been submitted. Final prototype production is underway.

IP Status:

An invention disclosure
notice has been submitted
on **February 2, 2024**

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