

Functions to support minimum standards

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Technology description

This article

Assistive technologies are important in providing equal opportunities and functional empowerment for persons with a disability and/or temporary or permanent disabilities, as they provide a means to promote independence and autonomy.

On this basis, human task aids are being developed as a means of compensating for the lack of adaptability of the appliances used in daily activities, taking into account the high cost of commercially available imported models as a means of compensating for shortfalls in domestic products.

The utility model is aimed at a user with movement restriction due to upper limb tremors, and allows the user to be independent in daily activities.

The appliance optionally couples a spoon, a knife, a fork, or even an object, such as a toothbrush, comb, or brush, to aid in self-care activities.

In comparison with the equipment available on the market, the following advantages are highlighted:

(i) a fully mechanical mechanism; (ii) weight compensation by inserting and removing water to provide a set of mass changes; (iii) Manufacture of low-complexity parts and components, with implications for product maintenance, replacement of parts and components and hygiene; (v) possibility of use for a group of purposes (combs, brushes, forks, etc.).

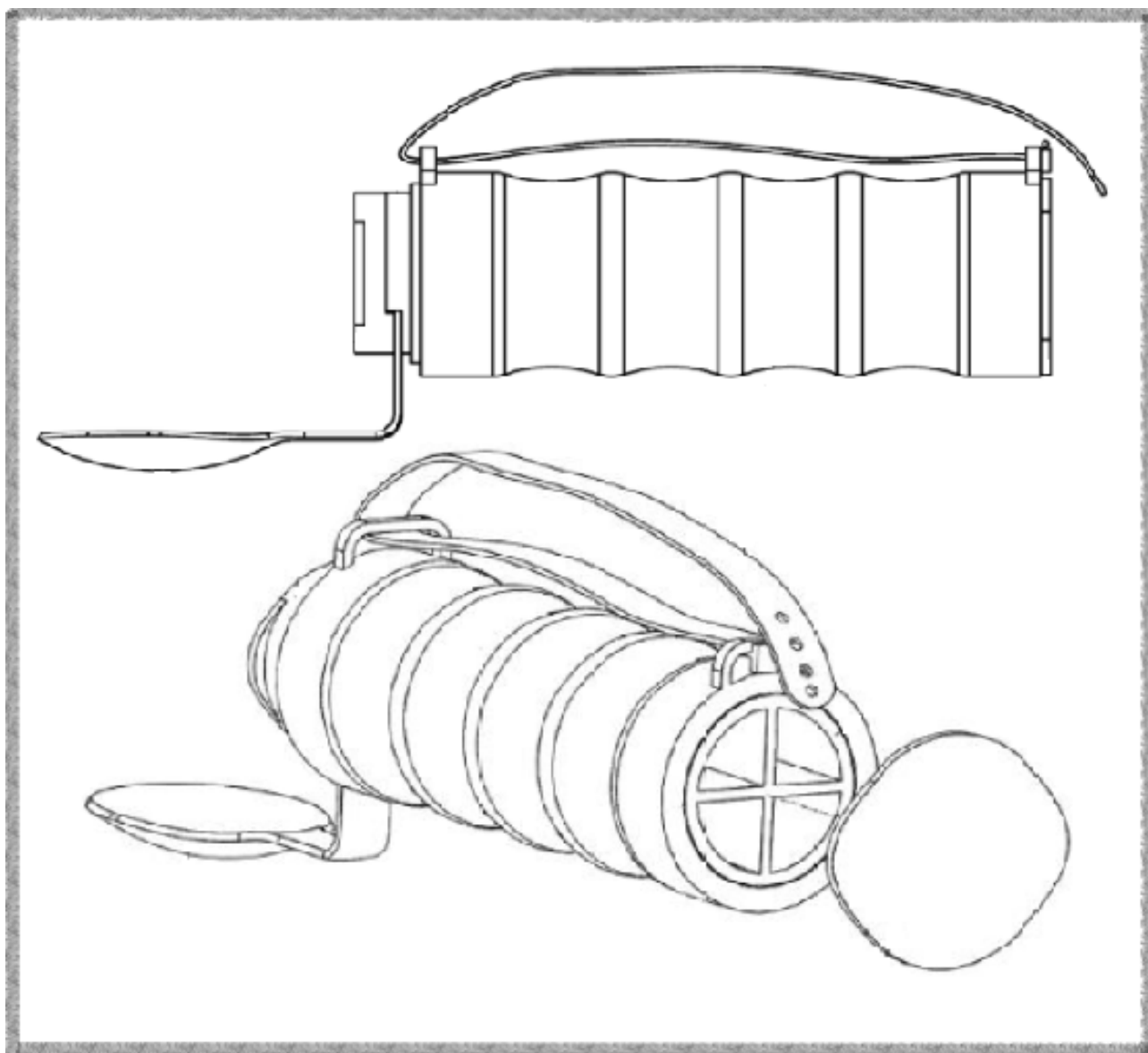


Figure-Device for manual task help.

Development Plan



Areas: Other 0185/2015 EESC/FMPR/IQSCPolo San Carlos

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Application area

For users of assistive technology, the target audience for these users is companies engaged in the production of assistive technology equipment and equipment.

Institution

Universidade de São Paulo

Inventors

Zilda De Castro Silveira

PROFESSORA DOUTORA

3 - EESC - ENGENHARIA MECÂNICA

Alessandra Cavalcanti De Albuquerque E Souza

TERAPEUTA OCUPACIONAL

联系我们



叶先生

电话 : 021-65679356

手机 : 13414935137

邮箱 : yeyingsheng@zf-ym.com