Multi-Function Wheelchair

Abstract

Handicapped person is one who has difficulties in performing some basic daily activities and requires assistance, causing mental and physical stress to him/herself, the helper, and the family. There would be embarrassing moments when privacy is being intruded. However, the Multi-Function wheelchair has the innovative frame structure and mechanism designed to solve all these issues. Besides allowing the user to move around, it also allows the user to perform toiletry activities with total privacy, lie down when he/she feels the need by transforming the wheelchair into a bed, and less dependent on helper when one intend to stand up （with 'Stand-Assist' function）. Most important feature of this innovative design is that it allows a handicapped person to "stand up" again and hence, able to perform more daily activities. In short, this design helps the handicapped to live more independently and more like a normal person.

Fig. 1