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(57) Abstract :

WHEELCHAIR CANOPY Wheelchair is an essential part in the life of the physically challenged people, patients who need the support of a wheelchair and the elderly. Holding an umbrella is normally inconvenient while commuting in a wheelchair during rain or hot sun. The current invention, "Wheelchair canopy" is designed to overcome this inconvenience which aims to provide an aid for the wheelchair users, during hostile weather conditions. Canopy attached to the wheelchair can be opened and retracted automatically using the manually operated push buttons. The mechanical ribs provide adequate support for the canopy and designed to give maximum coverage from rain and sunlight. It also provides stability to withstand heavy winds. The canopy is designed to support easier attaching and detaching as per the user's requirements. Installation/Uninstallation of the canopy is made simple and manageable. This wheelchair canopy is safe and beneficial that mitigates the shortcomings of a manual umbrella usage for the physically challenged and the elderly people who use wheelchairs for locomotion.

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