

澳大利亚生物技术协会 澳大利亚医疗技术公司名录



公司资料

公司名称: Cool Mobility Pty Ltd

关键联系人姓名: Colin Johanson

关键联系人职位: 总监

公司网址: www.coolmobility.com.au

公司地址: 27 Newlands Drive, Paynesville VIC 3880

该公司尚未上市。

关于公司

Cool Mobility 公司专门从事于将 Colin Johanson 和 Moira McEwan 等人所设计构思的技术商业化。他们认为，残疾人群所使用的产品应采用最先进技术，同时具有美观外表。

助行器应外表美观且轻巧，并且采用最先进的技术以配备最佳性能，从而体现人性化科技。

大都数人都是先看到助行器械，然后才看到使用器械之人。我们希望尽量让助行器械不起眼，让使用器械之人成为视线的焦点。

关键或领先技术

就和澳大利亚袋鼠一样，Kangaroo® 电动轮椅与地面也有五个接触点。袋鼠的力量来源于其身体中心，并会利用其尾巴和前爪控制身体保持平衡。Kangaroo® 轮椅同样利用一个大型的后脚轮吸收电机扭矩，而不是将其作为“后轮平衡式”扭矩传至轮椅框架各部分。这使得 Kangaroo® 轮椅的爬坡性能优于其他轮椅。在约 30° 的上坡中，后脚轮能确保轮椅在前框架“翘起”的同时保持舒适与稳定。Kangaroo® 轮椅还可以在平地上这般“翘起”前行，不仅可以舒缓压力降低血压，也可以充作舒适躺椅，放松身心。该轮椅的电动轮无刷轮毂电机配有一个专有的闭环控制器。我们拥有这项设计的美国专利和中国专利。

Cool Mobility 公司还为进行过乳腺手术的女性设计各式服饰。

类别

器械:

机器人和导航

美学

医疗器械和医院用品

关键或领先技术的研发阶段

处于临床试验阶段

所寻机遇

Cool Mobility 正在寻找投资伙伴、合资企业制造商或设计和专利出售良机。

Directory of Australian medtech companies



COMPANY DETAILS

Company name: Cool Mobility Pty Ltd

Key contact name: Colin Johanson

Job title of key contact: Director

Company website address: www.coolmobilty.com.au

Company address: 27 Newlands Drive, Paynesville VIC 3880

The company is Unlisted.

ABOUT THE COMPANY

Cool Mobility is a company that has a mission to commercialise technology designed and conceived by Colin Johanson, Moira McEwan, and others. They believe that products for use by the disabled community should use the best technology and also look attractive.

If a person has to use a mobility aid, it should be attractive, as light as possible and use the most advanced technology to obtain optimum performance for the human technology combination.

Most people see mobility equipment first and then they see the person. We hope to make equipment that is less obvious, so that the person is visually dominant.

KEY OR LEAD TECHNOLOGY

Like the Australian kangaroo, the Kangaroo® power chair has five points of contact with the ground. A kangaroo's power comes from its centre, and a kangaroo uses its tail and front paws for control and balance. Similarly, the Kangaroo® uses a large rear caster to absorb the torque from the motors instead of transmitting it as 'wheelie' torque to the frame. This makes the Kangaroo® much better at slope climbing than other chairs. The rear caster allows the front frame to 'pop a mono' and rest comfortably and stably at approximately a 30° rearward tilt. The Kangaroo® can still be driven around flat areas in this 'mono' mode and can be useful as a pressure relief mechanism, for blood pressure reduction, or to create a comfortable reclining chair for recreational purposes. Its powered wheel brushless hub motors have a proprietary closed loop controller. We have USA & Chinese Patents granted on this design.

Cool Mobility is also designing a range of clothing for women who have had breast surgery.

Category

Devices:

Robotics and navigation

Aesthetics

Medical equipment and hospital supplies

Point of development of key or lead technology

In clinical trials

OPPORTUNITIES SOUGHT

Cool Mobility is seeking investment partners, manufacturer joint venture, or sale of design and Patents.