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(71) Applicant: **THUJA INNOVATIONS INC.** [CA/CA];
4401 Parkwood Terrace, Victoria, British Columbia V8X
4Z8 (CA).

(72) Inventors: **QIU, Jintao**; #77, 1198 Gulou Road, Shanghai
201600 (CN). **CAI, Mingjie**; 4401 Parkwood Terrace, Vic-
toria, British Columbia V8X 4Z8 (CA). **MAGYAR, Robert**
Stanford; 1826 Belmont Ave., Victoria, British Columbia
V8R 3Z2 (CA).

(74) Agent: **NEXUS LAW GROUP LLP**; 2000 - 777 Hornby
Street, Vancouver, British Columbia V6Z 1S4 (CA).

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(54) Title: THERMAL COMFORT WHEELCHAIR BACKREST

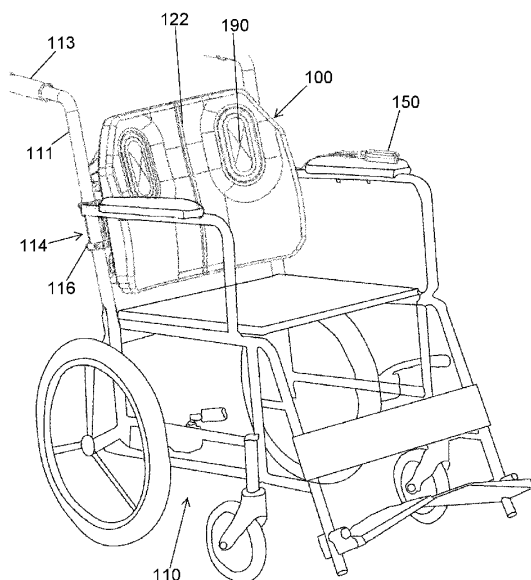


Fig 1

(57) Abstract: A backrest for a wheelchair or other mobility de-
vice configured to provide user controllable cooling and heat to the
wheelchair user's back. The cooling element includes a Peltier chip,
heat sink and gel pad for user contact. The heating element includes
heating wire interposed between the fabric cover and the compress-
ible foam of the backrest cushioning. The cooling element and heat-
ing element both move with the movement of the fabric cover so as
to provide good heat conduction contact without adversely affect-
ing cushioning. The backrest includes a tiltable mount.

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