Technology: Ankle-foot prosthesis for automatic adaptation to sloped walking surfaces

VA ID Number: 10-083

Inventor: Andrew Hansen

Location: Minneapolis, MN

Topic: Rehab/Assistive Device

USPTO Issue Date: 1/24/2017

Patent Number: 9,549,827

The VA jointly owns the patent with the Regents of the University of Minnesota

Contact: Kerry.Leonard@va.gov

Abstract: An ankle-foot prosthesis includes a foot plate, an ankle frame attached to the foot plate, a yoke pivotally connected to the ankle frame and including a member for attaching to a leg, a damper having a first end connected to the yoke and a second end connected to the ankle frame, and a control mechanism for switching the damper between low and high settings.