



## Prosthetic Apparatus And Method Therefor

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Inventors: Peter Adamczyk, Luke Steinbach, Michael Hahn

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### The Invention

Various aspects of the present disclosure characterize apparatuses and/or methods as may be implemented with a variety of prosthetic components and applications. As may be consistent with one or more embodiments described herein, movement parameters pertaining to movement of a user of a prosthetic foot are sensed as the user travels along a surface, with the prosthetic foot having a front ball region and a rear heel region for respectively contacting the surface. A state of movement of the user, including a speed at which the user is travelling along the surface, is determined based on the sensed movement parameters. Utilizing a mechanical actuator, the prosthetic foot is dynamically positioned in response to the speed at which the user is travelling along the surface, by manipulating the mechanical actuator to move the rear heel region relative to the front ball region based on changes in the speed.

### Additional Information

#### For More Information About the Inventors

- [Peter Adamczyk](#)

#### Tech Fields

- [Medical Devices : Other medical devices](#)

For current licensing status, please contact Jeanine Burmania at [jeanine@warf.org](mailto:jeanine@warf.org) or 608-960-9846