

References:

Patents:

- A patent on “Adapter for Self-alignment in 3-dimensional planes for Passive Prosthetics”, #US10857008B2, issued to Impulse Technology by the USPTO in December 2020.
- A provisional patent on “Passive Compliant Ankle Prostheses with Differential Stiffness”, submitted to the USPTO by Impulse Technology in January 2022.
- A provisional patent on “Vertical Shock Absorber with Concentric Compliant Elements in Lower Limb Prosthesis”, submitted to the USPTO by Impulse Technology in May 2022.

Peer reviewed journal Articles:

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Abstracts and presentations:

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- A. Haque, V. Rajula, L. Springgate, M. Kamrunnahar, S. Piazza, & B. Kaluf; “A Bio-mimetic Adapter For Real-time Self-alignment of Prosthetic Foot”, Abstract# MHSRS-19-01546, presented at the Military Health System Research Symposium (MHSRS) 2019, Aug 2019.
- Aman Haque, Vamsidhar Rajula, Logan Springgate, M. Kamrunnahar, Stephen Piazza & Brian Kaluf, “A Passive Adapter for Self-alignment of Prosthetic Feet”, 46th Academy Annual Meeting & Scientific Symposium, American Academy of Orthotists and Prosthetists, March 4-7, 2020, Chicago, Illinois.
- Spencer Kohli, Aman Haque and M. Kamrunnahar, “Energy Harvesting from Exoskeletons and Prosthetic Legs” 46th Academy Annual Meeting & Scientific Symposium, American Academy of Orthotists and Prosthetists, March 4-7, 2020, Chicago, Illinois.
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- V. Rajula, L. Springgate, A. Haque, M. Kamrunnahar, S. Piazza & B. Kaluf, “Advanced Functional Evaluation of a Passive Self-Aligning Ankle Prosthesis”, Abstract # MHSRS-21-04230, Military Health System Research Symposium (MHSRS) 2021, August 23-26 2021.
- V. Rajula, L. Springgate, A. Haque, M. Kamrunnahar, S. Piazza & B. Kaluf, “Advanced Functional Evaluation of a Passive Self-Aligning Ankle Prosthesis”, 2021 National Assembly of the American Orthotics and Prosthetics Association (AOPA), Sept. 9-11 2021, Boston, MA.

- A. Haque, V. Rajula, L. Springgate, M. Kamrunnahar, S. Piazza & B. Kaluf, “Design & Evaluation of a Passive, Self-aligning Ankle Prosthesis”, American Academy of Orthotists and Prosthetists, March 1-5, 2022, Atlanta, GA.
- A. Haque, V. Rajula, L. Springgate, M. Kamrunnahar, S. Piazza & B. Kaluf, “Design & Evaluation of a Passive, Self-aligning Ankle Prosthesis”, OTWorld2022, May 10-13, 2022, Leipzig, Germany.
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