



OUR FACULTY'S U.S./INTERNATIONAL PATENTS

The following table summarizes the patents that our faculty members have been granted.

	Patent No.	Inventors and Title
14.	US 7,364,022 (2008)	Gordaninejad, F. , Wang, X., Hitchcock, G., Bangrakulur, K. K., and Kavlicoglu, B., "Controllable Magneto-Rheological Fluid Devices for Motion-Damping"
13.	US 7,422,092 (2008)	Hitchcock, G. and Gordaninejad, F. , "Controllable Compressible Magnetorheological Fluid Damper"
12.	US 7,297,290 (2007)	Kavlicoglu, B., Hu, B., Gecol, H., Gordaninejad, F. , Fuchs, A., "Nanostructured Magnetorheological Fluids and Gels"
11.	US 7,276,090 (2007)	Shahinpoor, M. and Kim, K. J. , "Method of Fabricating A Dry Electroactive Polymer Synthetic Muscle"
10.	US 7,261,834 (2007)	Fuchs, A., Gordaninejad, F. , Hitchcock, G., and Elkins, J. Zhang, Q., "Tunable Magneto-Rheological Elastomers and Processes for Their Manufacture"
9.	US 7,172,831 (2007)	Jaura, A. K. and Park, C.-W. , "Battery System for Automotive Vehicle"
8.	US 7,086,507 (2006)	Hitchcock, G., Gordaninejad, F. , Fuchs, A., "Controllable Magneto-Rheological Elastomer Vibration Isolator"
7.	US 6,971,491 (2005)	Gordaninejad, F. , Fuchs, A., Wang, X., Hitchcock, G. H., and Xin, M., "Magneto-Rheological Fluid Encased In Flexible Materials for Vibration Control"
6.	US 6,823,895 (2004)	Hitchcock, G. and Gordaninejad, F. , "Magneteorheological Fluid Device"
5.	US 6,527,972 B1 (2003) also Canadian 2,400,563 (2008)	Fuchs, A., Gordaninejad, F. , Blattman, D., and Hamann, G., "Magneto-Rheological Polymeric Gels"
4.	US 6,510,929 B1 (2003)	Gordaninejad, F. and Ericksen, E. O., "Controllable Magneto-Rheological Fluid Damper"
3.	US 6,471,018 B1 (2002)	Gordaninejad, F. and Kelso, S. P., "Magneto-Rheological Fluid Device"
2.	US 6,405,532 (2002)	Shahinpoor, M. and Kim, K. J. , "Novel Metal Hydride Artificial Muscles"
1.	US 6,019,201 (2000)	Gordaninejad, F. and Breese, D. G., "Magneto-Rheological Fluid Dampers"