

## **Fabrication of Films and Coatings Using Shear Thickening, Impact Resistant Electrolytes**

### **Disclosure Number**

201603634

### **Technology Summary**

The present invention includes a method of fabricating of shear thickening electrolytes and coating materials.

This method utilizes a unique blend of solvent selection, solids loadings, and separator preparation to create a shear thinning solution, that once dried and rewetted in the battery electrolyte salt, will shear thicken during impact/operation.

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