

## Corrosion Resistant Amorphous Metals and Methods of Forming Corrosion Resistant Amorphous Metals

### **Disclosure Number**

201002357

### **Technology Summary**

A system for coating a surface comprises providing a source of amorphous metal, providing ceramic particles, and applying the amorphous metal and the ceramic particles to the surface by a spray. The coating comprises a composite material made of amorphous metal that contains one or more of the following elements in the specified range of composition: yttrium (at least 1 atomic %), chromium (14 to 18 atomic %), molybdenum (at least 7 atomic %), tungsten (at least 1 atomic %), boron (no more than 5 atomic %), or carbon (at least 4 atomic %).

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