

## **Superhydrophobic Articles Made from Borosilicate Glasses**

### **Disclosure Number**

201102763

### **Technology Summary**

The invention disclosure relates to superhydrophobic surfaces and more specifically to articles and methods for creating micron and nanometer-scale glass structures that include structured glass arrays using inexpensive glass in a simple manufacturing process. The formed glass array structures can be tailored to almost circularly symmetric shape including cones, rods, holes, funnels, or concentric rings. The size scale of these structures is only limited by the amount of processing done (optical fiber drawing steps) and the particular type of glass used.

### **Inventor**

SIMPSON, JOHN T

Measurement Science & Systems Engr Div

### **Licensing Contact**

DETRANA, ALEXANDER G

Rm 139, Bldg 4500N

1 Bethel Valley Road 6196

Oak Ridge, TN 37831

Office Phone: (865) 576-9682

E-Mail: [DETRANAAG@ORNL.GOV](mailto:DETRANAAG@ORNL.GOV)

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