

## Metal-Organic Scintillator Crystals for X-Ray, Gamma Ray, and Neutron Detection

### **Disclosure Number**

200802142

### **Technology Summary**

A new metal-organic scintillator has been discovered and crystallized. Large single crystals, several cubic cm in diameter, have been rapidly grown under controlled conditions. The present invention represents the first example of a rare-earth, metal-organic scintillator suitable for use in gamma ray, x-ray, and neutron detection.

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