

## **METHOD OF HIGH-GRADIENT PERMANENT MAGNETIC SEPARATOR FOR PARTICLE COLLECTION**

### **Disclosure Number**

201403303

### **Technology Summary**

Permanent magnet used in high-gradient configuration has been proven to be able to collect nanometer sized particles with extreme high efficiency. This has significant implication to its further development for a wide range of applications as detector, collector, and high-throughput separator for particulate matter in airborne state and in water.

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