

## Distributed Capacitance Sensor for Conduit Monitoring Applications

### **Disclosure Number**

200501584

### **Technology Summary**

The invention is a novel security system for conduit applications. Such applications can include, but are not limited to, those where electrical signals are transmitted via wiring within the conduit, and it is desired to protect those signals from unauthorized access (tampering). The invention provides a means of monitoring those types of conduits and determining if the conduit is being tampered with. The system is novel because at the present time these conduits are inspected manually, which is very time intensive. Our system monitors the conduit electronically, and automatically.

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