

RFID Transponder Using a “Bolt Antenna”

Geoff Grove¹

Tao Wei²

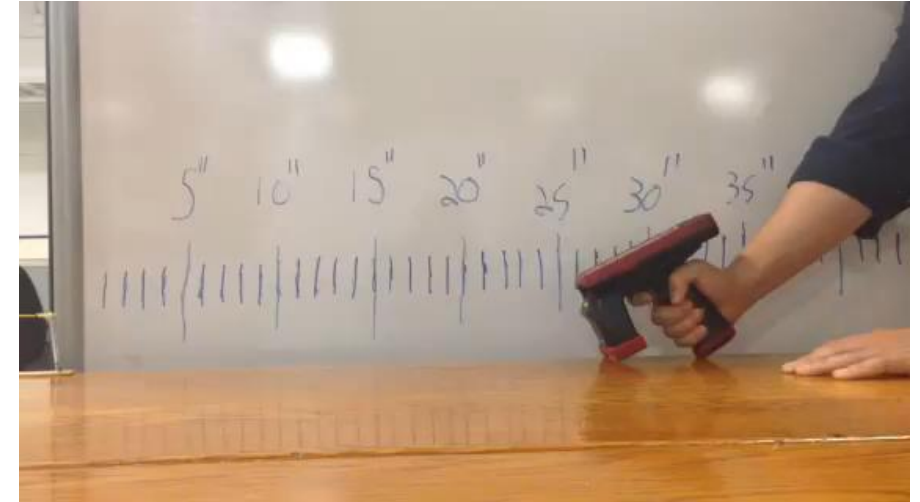
Otto J. Gregory³

*¹Pilgrim Aerospace Fasteners
Providence, Rhode Island 02907*

*²Department of Electrical Engineering
University of Rhode Island
Kingston, RI 02881*

*³Department of Chemical Engineering
University of Rhode Island
Kingston, RI 02881*

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Innovation:

Bolt is the antenna of the RFID tag



Technology Roadmap for RFID Transponder (bolt or screw)



- ***Chip integration***
- ***Matching network***
- ***Antenna simulation/design***
- ***System-level packaging***



December 12, 2018

RFID with Sensing Capabilities

- ***Temperature***
- ***Torque***
- ***Displacement***

Applications

- ***Airframe***
 - Fixed wing
 - Rotary wing
- ***Spacecraft***
 - Transport
 - Satellite
 - Off-Earth habitat
- **Let's talk about your application**