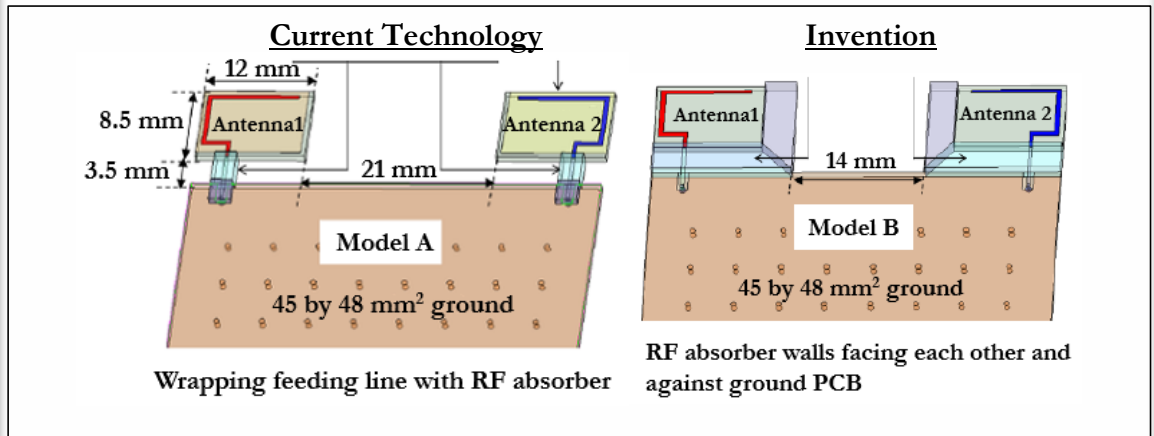


Multiple Input Multiple Output (MIMO) Antenna

- With radio frequency (RF) Absorber for High Isolation
 - Made of ferromagnetic materials and composites
- Isolation elements located at specific sites on antenna array
- Optimize frequency absorption to decrease interference between antennae
- Current MIMO devices only have 2 or 3 antennas
 - Leads to electromagnetic interference between antennas



Advantages of Technology

- MIMO Antenna
 - Improved spectral efficiency: Faster data transfer rate than SISO
 - Improved link robustness
- RF Absorber
 - Enhancement of isolation between antennae
 - Antennae miniaturization

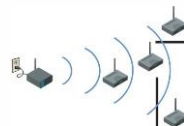
Applications



Wireless communication



Computer peripheral equipment



Wireless Sensor Networks

Tech ID: 13-0003

Contact:

Dr. Rick Swatloski
Director - OTT
(205) 348-8583
RPSwatloski@ua.edu

Status:

Seeking R&D and/or
licensing partner

Patent Pending

Inventor Bio:

Dr. Yang-Ki Hong
Professor

Electrical and Computer
Engineering Department
University of Alabama

Center for Materials for
Information Technologies

Over 100 Publications

13 Patents Awarded

8 US Provisional Patents

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