

## Reconfigurable antenna with adaptive function

Seeking parties interested in licensing and commercializing of technology.

### Applications:

- Commercial automotive, High-Speed train, Aeronautical and Military mobile terminals

### Technology Description:

This invention relates to an antenna which is capable adaptive function, it comprises of omni directional octet sided antenna having eight microwave power detectors in each direction. If the signal detector finds the incoming RF signal then the antenna at that particular side will be activated and when more than one signal approaches the same antenna side then the antenna will analyze the priority of the signal based on the emergency condition and the priority due to the hierarchy assigned at that point, based on the priority the signal will be given priority for transmission in that particular antenna at that particular time, and the priority will vary from time to time.

### Advantages of the Technology:

- The system consumes low power
- No employment of movable parts in this antenna module, hence noise will be very low

### Development Status:

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### Technology Transfer from the institute:

For more details

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