

IP MARKETPLACE

CONNECTING INNOVATION TO YOUR BUSINESS

TECH OFFER

TRACKING SYSTEM FOR LOCATING OBJECTS



▶ MORE INFORMATION

MEGA-TREND

- Innovative Technologies of the Future
- Innovating to Zero

TECHNOLOGY READINESS LEVEL (TRL)

- TRL 4 (Lab Prototype - Lab Testing)

PATENT/ GRANTED NUMBER

- MY-164362-A

▶ TECHNOLOGY OVERVIEW

A radio frequency based wireless tracking system, including a portable transmitter and a directional receiver, for locating objects. The transmitter is attached to the object, an in use, transmits radio frequency signal multi-directionally, while the receiver wirelessly detects the signal. The receiver has a directional reception area such that the signal strength received is maximum when the angle between the transmitter and the reception area is about zero degree. Upon determining the direction of the transmitter, the user may further move the receiver in the same direction to locate the transmitter and the object. Indicators such as LEDs and buzzers are provided to indicate signal strength. The rotation of the receiver in two or three dimensions is automated.

CONTACT US!

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