



TECHNOLOGY

Horus: An RF-Based Location Determination System

OVERVIEW

Horus is an RF-based (radio frequency-based) location determination system capable of locating a user carrying an RF-based device. The system, through a probabilistic location determination technique and through advanced signal strength processing techniques, is highly accurate. Through clustering techniques the system requires low computational requirements.

The system requires no specialized hardware and like the ancient eye provides ubiquitous coverage and accuracy of location of a user up to a few feet. It can be implemented in mobile units and would, for instance, provide the location of rescue personnel at a disaster site.

A related technology is also available under University of Maryland disclosure IS-2004-092.

For more information please Office of Technology Commercialization at the University of Maryland, College Park. (301) 405-3947 . or by e-mail: otc@umd.edu.

CONTACT INFO

UM Ventures
0134 Lee Building
7809 Regents Drive
College Park, MD 20742
Email: umdtechtransfer@umd.edu
Phone: (301) 405-3947 | Fax: (301) 314-9502

Additional Information

INSTITUTION

University of Maryland, College Park

PATENT STATUS

Patent(s) pending

LICENSE STATUS

Contact OTC for licensing information

CATEGORIES

- Microelectronics
- Information Technology

EXTERNAL RESOURCES

- [US Patent 7,406,116](#)

IS-2003-022