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U. S. Patent for Wireless Communication Issued to Mayflower Communications Company, Inc.

Interference-Mitigation Technology Enables High Fidelity, High Data Rate Communication

BURLINGTON, Mass.--(BUSINESS WIRE)--Mayflower Communications Company, Inc. (Mayflower) announces this day, January 11, 2011, the issuance to it by the United States Patent and Trademark Office of U.S. Patent No. 7,852,964, dated December 14, 2010, entitled "Antijam Filter System and Method for High Fidelity High Data Rate Wireless Communication."

The patented technology estimates the interference signals received with the desired user signals in communication systems employing multiple receiver antennas, and filters the measured interferences so that the clean filtered signals are subsequently processed for data extraction using widely available wireless communication technologies, including MIMO. The antijam filter is especially effective where the number of receiver antennas exceed those at the transmitter.

**"Authorized SAASM P(Y)
Code GPS Receiver
Developer"**

The patented antijam filter provides modularity, so that besides MIMO, it is also able to augment other similar two-way wireless communication systems, including OFDM, CDMA, and the like. The only requirement is that the receiver has more than one antenna. The antijam filter provides a modular, low complexity, multiple antenna based mitigation system and method that is effective against co-channel interference, hostile or otherwise.

Mayflower is a leader in advanced radio navigation, digital Anti-Jam, and wireless communication technologies. Mayflower is at the forefront of [GPS receiver technology](#) and is designated by the GPS Wing (GPSW) as an "Authorized SAASM P(Y) Code GPS Receiver Developer" - one of the seven companies to be so recognized and the only small business to receive this designation. Mayflower is a pioneer in [digital Anti-Jam](#) with a broad portfolio of low cost, low power, robust Anti-Jam solutions for GPS receivers, and for wireless communication systems. Mayflower has a proven track record in nurturing advanced [wireless communication technology](#) for the commercial market. This is evident by the spin off of Envoy Networks Inc. with the backing of leading venture capitalists to focus on the mobile wireless cellular infrastructure market. Envoy Networks was subsequently acquired by Texas Instruments. Mayflower has a range of cutting-edge [product offerings](#) for GPS, Anti-Jam, and wireless communication markets. Additional information is available at the company's website www.mayflowercom.com.

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