



# Breakthrough in long range detection of concealed weapons and bombs

USDigiComm Corporation, July 04, 2005

URL: <http://www.pr9.net/society/government/1894july.html>

*The USDigiComm Corporation is a small business specializing in microwave and millimeter wave technology applied to Homeland Security and defense applications. The company has developed a new type of weapon detection device which is capable of detecting not only guns, but bombs as well, with the added ability of long range outdoor detection. Unlike ordinary metal detectors currently in use today, this new device can distinguish between ordinary metallic objects and weapons, and has the potential to also identify the type of weapon in question.*

PR9.NET July 04, 2005 - Alpharetta, GA - An application for a utility patent for long range detection of concealed weapons and bombs was recently filed by the USDigiComm Corporation based on a Provisional Patent filed last year as well as recent technological advances.

The use of firearms in school shootings has become a problem in recent years and the availability of a covert concealed weapon detector could reduce the number of incidents involving firearms, making our schools safer while also reducing the crime rate in our communities. The Bureau of Alcohol, Tobacco and Firearms (ATF) estimates that there are as many as 200 million firearms in the U.S. alone. The FBI reports that there are over 35,000 armed robberies to convenience stores and more than 12,000 armed bank robberies each year.

According to Dennis Kozakoff Jr., VP of Operations, "We were developing a short range concealed weapon detector unit for indoor use, but were very excited to discover techniques which allow the unit to perform long range outdoor detection of both concealed weapons and bombs." Long range concealed weapon detection, particularly handguns and bombs, is a major problem facing our military, Homeland Security and law enforcement today, especially after 9-11. It is applicable at airports, subways, schools, shopping malls, sporting events, political rallies, government buildings, industrial complexes and military installations. The long range detection feature is desirable for concealed bomb detection because detection must be made at a safe enough distance to protect both personnel and assets.

There are no known weapon detection systems on the market today that can detect concealed weapons from a distance greater than a few yards and the most common devices in operation are electromagnetic or magnetic devices which require the use of a walk through portal, such as those used at airports. These types of detection systems cannot discriminate very well between concealed weapons and other metallic objects such as car keys, belt buckles, coins, watches, calculators, etc. The USDigiComm invention will not only detect a concealed weapon but also has the capability of identifying the type of weapon.

The USDigiComm Corporation is a small business specializing in microwave and millimeter wave technology applied to Homeland Security and defense applications. The research it performed on concealed weapon detection began with a Small Business Innovative Research (SBIR) contract awarded by the U.S. Department of Education and signed in Washington, D.C. on September 11th 2001, the same day as the infamous attacks on the World Trade Center and the Pentagon.

###

## About USDigiComm Corporation

USDigiComm Corporation is a small privately held corporation which specializes in microwave and millimeter wave high technology innovation research and development geared towards Homeland Security and defense applications.

<b>Phone:</b>	678-366-5143
<b>FAX:</b>	678-366-5001
<b>Website:</b>	<a href="http://www.usdigicomm.com">http://www.usdigicomm.com</a>
<b>E-Mail:</b>	<a href="mailto:corporate@usdigicomm.com">corporate@usdigicomm.com</a>
<b>Address:</b>	555 North Point Center East 4th Floor Alpharetta, GA 30022