

Proven & Available Electronic Harassment Technologies:

There are older technologies capable of extreme destruction of the ability to earn a living, and the quality of life of a target, listed below. None of these technologies require implants, and all can be transmitted silently, through non-conducting walls, and leave no trace evidence. They have been available for one to five decades.

Since few targets will own the correct (and expensive) detection equipment, destruction of a target's life even using these older technologies is a perfect crime under today's justice system. Today's justice system denies that any effective through wall harassment technologies exist.

Here is the list:

■ **WEAPONIZED MICROWAVE OVEN:** A simple microwave oven, door removed, with the door interlock switch bypassed, and held against the bedroom wall of a target in an apartment building or semi-detached house. This device can cause a variety of disabling medical symptoms. (Google "Dr. Reinhard Munzert".)



Image showing weaponized microwave oven weapon, for improved focus of the microwave radiation.

Some symptoms of microwave radiation:

Asthma, cataracts, headaches, memory loss, early Alzheimer's, bad dreams, depression, fatigue, concentration loss, appetite loss, heart and blood pressure problems, and cancer.

■ **VOICE TO SKULL:** Joseph Sharp's voice to skull success, performed with Dr. James C. Lin's pulsed microwave transmitter, and publicly announced in 1974 at the University of Utah:

Microwave Voice-to-Skull Success, Announced 1974

American Psychologist

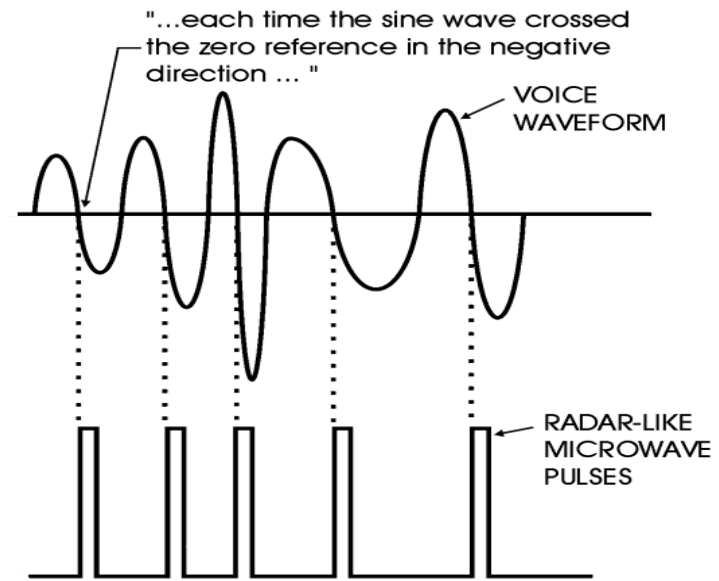
Journal of the American Psychological Association
Volume 30 March 1975 Number 3

gered. By radiating themselves with these "voice-modulated" microwaves, Sharp and Grove were readily able to hear, identify, and distinguish among the 9 words. The sounds heard were not unlike those emitted by persons with artificial larynxes. Communication of more complex words and of sentences was not attempted because the averaged densities of energy required to transmit longer messages would approach the current 10 mW/cm² limit of safe exposure. The capability of communicating directly with a human being by

This article is based on materials presented in a seminar to the faculties of Psychology and Engineering at the University of Utah (Salt Lake City, Utah) on August 21, 1974. The author's research program is supported by the Veterans Administration and by U.S. Public Health Service Grant FD00650. Acknowledged in the preparation of the manuscript are E. L. Wike and C. L. Sheridan, for a critical reading; Kay Wahl, for artwork; and Lynn Bruetsch and Virginia Florez, for typing. I also thank John Osepchuk of the Raytheon Corporation for his searching criticism of the manuscript; our opinions differ, his advice is appreciated.

Requests for reprints should be sent to Don R. Justesen, Laboratories of Experimental Neuropsychology, Veterans Administration Hospital, Kansas City, Missouri 64128. The author is also at the Department of Psychiatry, Kansas University Medical Center, Kansas City, Kansas 66103.

AUDIBLE sound transmitted directly into a target's skull, through a target's wall, of course, can drive the through-the-wall target crazy, and if the target complains, the target will be immediately diagnosed as mentally ill. The perfect crime.



VOICE CONVERSION TO PULSES, AS USED IN THE SUCCESSFUL DEMONSTRATION OF MICROWAVE VOICE-TO-SKULL TECHNOLOGY IN 1973 BY DR. JOSEPH SHARP. THIS IS NOT CLASSIFIED.

U.S. patent 6,587,729 was issued based on Dr. Joseph Sharp's voice to skull success.

Recent news story showing that voice to skull technology is admitted publicly as being of interest to military and law enforcement:

Original link: <http://abcnews.go.com/print?id=5305386>



Microwave Ray Gun Controls Crowds with Noise

By **DAVID HAMBLING**

July 4, 2008

A US company claims it is ready to build a microwave ray gun able to beam sounds directly into people's heads.

The device dubbed MEDUSA (Mob Excess Deterrent Using Silent Audio) exploits the microwave audio effect, in which short microwave pulses rapidly heat tissue, causing a shockwave inside the skull that can be detected by the ears. A series of pulses can be transmitted to produce recognisable sounds.

The device is aimed for military or crowd-control applications, but may have other uses.

Lev Sadovnik of the Sierra Nevada Corporation in the US is working on the system, having started work on a US navy research contract. The navy's report states that the effect was shown to be effective.

Scarecrow Beam?

MEDUSA involves a microwave auditory effect "loud" enough to cause discomfort or even incapacitation. Sadovnik says that normal audio safety limits do not apply since the sound does not enter through the eardrums.

"The repel effect is a combination of loudness and the irritation factor," he says. "You can't block it out."

Sadovnik says the device will work thanks to a new reconfigurable antenna developed by colleague Vladimir Manasson. It steers the beam electronically, making it possible to flip from a broad to a narrow beam, or aim at multiple targets simultaneously.

Sadovnik says the technology could have non-military applications. Birds seem to be highly sensitive to microwave audio, he says, so it might be used to scare away unwanted flocks.

Sadovnik has also experimented with transmitting microwave audio to people with outer ear problems that impair their normal hearing.

Brain Damage Risk

James Lin of the Electrical and Computer Engineering Department at the University of Illinois in Chicago says that MEDUSA is feasible in principle.

He has carried out his own work on the technique, and was even approached by the music industry about using microwave audio to enhance sound systems, he told New Scientist.

"But is it going to be possible at the power levels necessary?" he asks. Previous microwave audio tests involved very "quiet" sounds that were hard to hear, a high-power system would mean much more powerful and potentially hazardous shockwaves.

"I would worry about what other health effects it is having," says Lin. "You might see neural damage."

Sierra Nevada says that a demonstration version could be built in a year, with a transportable system following within 18 months. They are currently seeking funding for the work from the US Department of Defence.

See **next page** for confirmation the concept works:

[Home](#) > [Login](#) > [Search Help](#) > [Navy SBIR](#)

Phase I Summary Report

CONTACT INFORMATION

Government Contact

Mr. George Gibbs

Email: george.gibbs@usmc.mil

Phone: (703)432-3676

Fax:

Point of Contact

Dr. Lev Sadovnik

Email: lsadovnik@waveband.com

Phone: (949)253-4019

Fax: (949)253-4089

Firm Information

WaveBand Corporation

17152 Armstrong Avenue

Irvine, California 92614-5718

United States

<http://www.wavebandcorp.com>

**... it is possible to
raise the auditory sensation
to the "discomfort level"...**

**... measurements were taken
and the required pulse param-
eters were confirmed ...**

AWARD DETAILS

Contract # M67854-04-C-1012

(Portions deleted)

Start / End Date 11/19/2003 - 05/19/2004

FY Reported 2004

Title Remote Personnel Incapacitation System

SUMMARY INFORMATION

Objective of Phase Effort

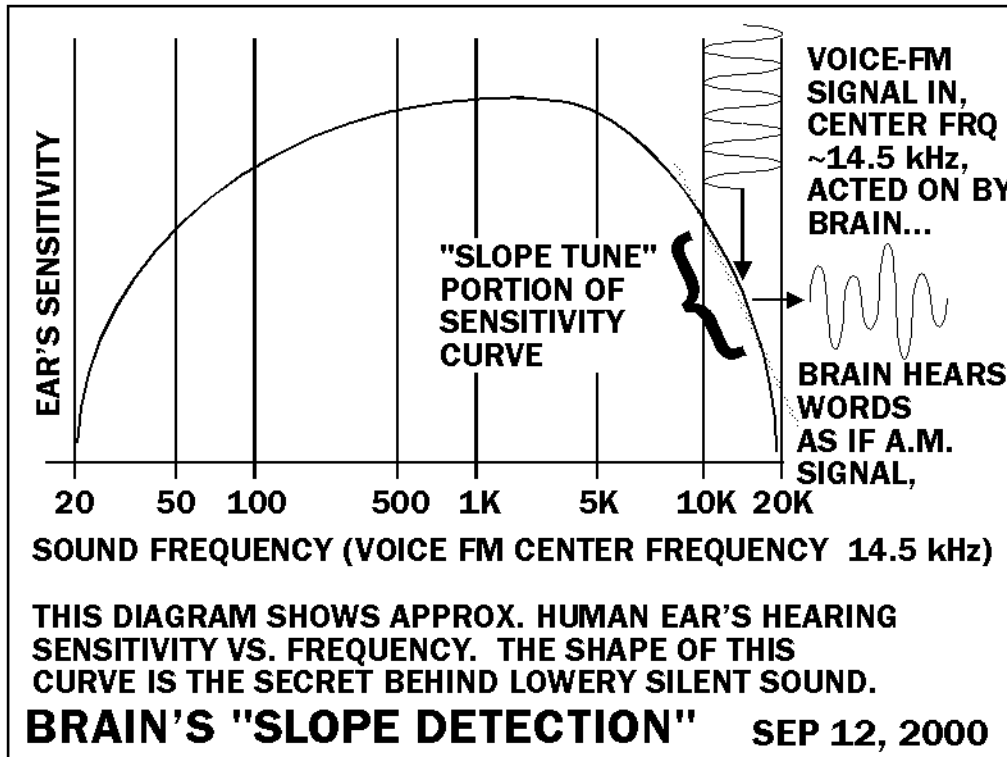
The main goal of the Phase I project was to design and build a breadboard prototype of a temporary personnel incapacitation system called MEDUSA (Mob Excess Deterrent Using Silent Audio). This non-lethal weapon is based on the well established microwave auditory effect (MAE). MAE results in a strong sound sensation in the human head when it is irradiated with specifically selected microwave pulses of low energy. Through the combination of pulse parameters and pulse power, it is possible to raise the auditory sensation to the "discomfort" level, deterring personnel from entering a protected perimeter or, if necessary, temporarily incapacitating particular individuals.

Summary of Results from the Phase I Effort

The major results of the Phase I effort were that - An operating frequency was chosen - Hardware requirements were established (commercial magnetron, high-voltage pulse former) - Hardware was designed and built - Power measurements were taken and the required pulse parameters confirmed - Experimental evidence of MAE was observed

■ **SILENT SOUND:** Lowery's "Silent Sound," patent 5,159,703, has been used for self-help subliminal hypnosis tapes and CDs and by the U.S. Army in Gulf War One (1991). Currently used for shoplifting prevention in some countries. It is today's "subliminal sound."

Together with Sharp's voice to skull, Silent Sound projected through a bedroom wall can hypnotize a target in their bed with the target being unaware. Unaware hypnosis is clearly electronic harassment in the extreme. A target's personality can be severely interfered with, and the target will not know why this is happening.

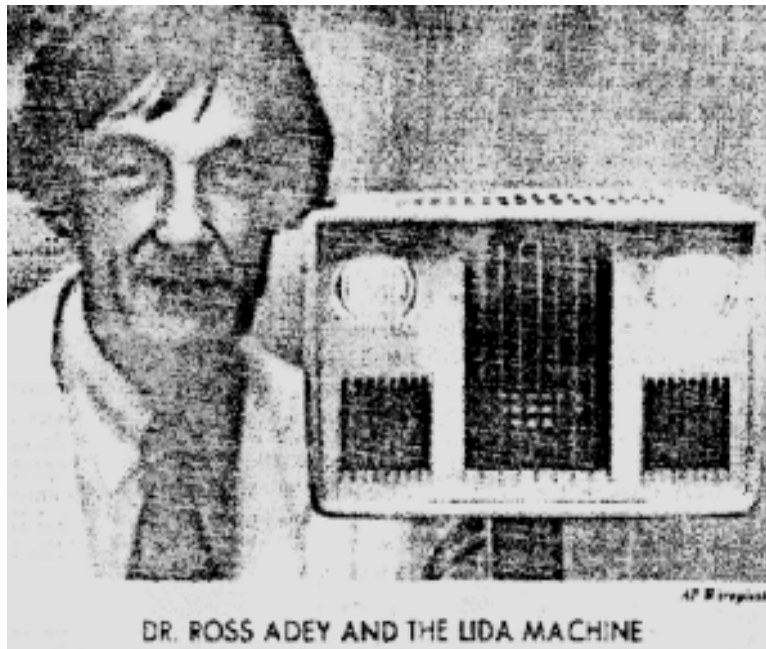


"Slope detection" or "slope tuning", showing how a constant volume frequency modulated acoustic signal can be changed into a normal variable amplitude audio signal by the ear's sloping response curve

■ **THE LIDA MACHINE:** A half-century-old medical device, the Russian-built Lida machine, a pulsed 40 watt, 40 MHz radio transmitter which can be used to make a target exhausted on the job when pulsing at the rate consistent with sleep, and with a pulse rate increase, deprive the target of sleep too! Certain ham radio transmitters can be configured so as to duplicate the Lida signal.

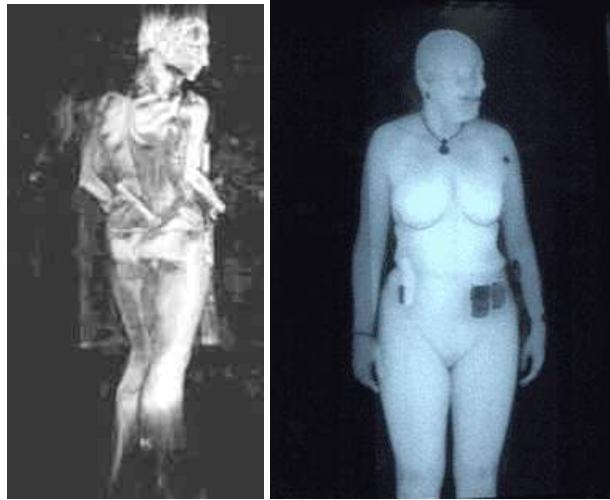
The Lida uses the repetitive stimulus principle, and it's pulsing radio signal is what makes this a through wall capable weapon. Very slow stimulus induces drowsiness, rapid stimulus induces wakefulness, all done silently. The radio version of rocking a baby to sleep, or, shaking someone awake.

U.S. Patent 3,773,049 describes the Lida operating principle.



Associated Press photo. Dr. Ross Adey, now deceased, was a researcher at the Loma Linda, California veterans hospital. Dr. Adey, together with Dr. Eldon Byrd, acquired a Lida machine for testing, with an eye towards weapons potential. Neither Dr. Adey nor Dr. Byrd are known to have been associated with any unethical activities nor weapons derived from the Lida machine.

■ **THROUGH WALL RADAR:** Through clothing (and through non-conductive wall) radar, widely used at airports and by police to look through clothing for hidden weapons. The harassment potential of this technology in the hands of organized stalking gangs is obvious.



Through non-conducting wall/clothing radar images.

For heavier walls, lower frequency radar is used with computer simulators to provide a 3-D picture of people and large objects behind walls, including movement. The clarity of these images is simulated, but for tactical police and military use, such images are sufficient. One make is “Xaver” at time of writing.

■ **EPIC BALANCE DISRUPTOR:** Code name EPIC through wall coordination/balance disruptor weapon may become another through wall capable harassment technology, once it has been announced as having been successfully demonstrated.

Electronic harassment targets have reported suddenly having their balance and coordination disrupted.

Here's a quote from a May 21, 2007 article about the EPIC weapon on <http://www.myfoxhouston.com> :

Local Company Developing 'Less than Lethal' Weapon

'EPIC' by Invocon is being developed as a 'Less than Lethal' Weapon.

How do you disable bad guys in a crowd without killing them or causing permanent damage? It's a problem faced by troops in urban combat and by local law enforcement.

Now, a local company called Invocon may have the answer, and the solution may be a weapon code named "Epic." The company is developing a weapon they hope someday will be able to shoot through a wall and stun people on the other side of the wall. ...

Note that all of these silent, through-wall harassment devices can be had by anyone with an upper middle-class income. The public and public officials are urged to take complaints of electronic harassment very seriously, as there is no doubt that far more invasive classified (secret) technologies have been developed since these older technologies were developed, one to five decades ago.

The classified equipment, coming into wider use in the 1980s, can penetrate all shielding and is virtually unstoppable according to current experiences of targets. Our group as yet does not have documented information as to how these classified devices work.