Thermal Shock Device to Non-lethally Stop Active Shooters and Crime in General

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Introduction

- Our Thermal Shock Technology is non-lethal and effective in seconds. Initial designs will be omnidirectional and future designs will be directional and smart.

- Our technology uses electromagnetic radiation non-lethally to make the perpetrator of a crime have the sensation of being on fire in seconds. Once the electromagnetic beam is turned off the pain experienced by the perpetrator goes away with no physical harm.

- We believe our technology is the best solution to stop shooters in schools, malls, churches, and any place of public or private gathering.

- We believe that our technology can be integrated into a home security system to stop breakins immediately rather than with the lag time it takes police to arrive.

Introduction

- Car theft and breakins are a major crime all over the world. If our Thermal Shock Device technology is installed in cars, it would significantly reduce car theft and breakins. With our technology, insurance companies would save significant money and car insurance should go down.

- With any of these applications, both the insurance companies and their customers would save money.

- Our technical plan is to first build and manufacture an omnidirectional Thermal Shock Device in 6 months. The second phase will be to build a directional and smart Thermal Shock Device that will track and inactivate non-lethally an intruder.

Basic Design of Star Beam Thermal Shock Device to Stop Shooters

- The initial design will have omnidirectional or isotropic ADS antennas which can fit in the ceilings and walls of classrooms and hallways.
- The Star Beam Thermal Shock Device radiation will transmit in all directions.
- Students and teachers will have to take cover leaving the shooter exposed to the ADS radiation.
- The burning sensation of the ADS radiation will cause the shooter to drop the gun or stop shooting. The police can subsequently apprehend the shooter.
- This is nonlethal so no one gets killed by the ADS radiation including the shooter.

Ultimate and Advanced Smart Plasma Antenna ADS Design to Stop Shooters.

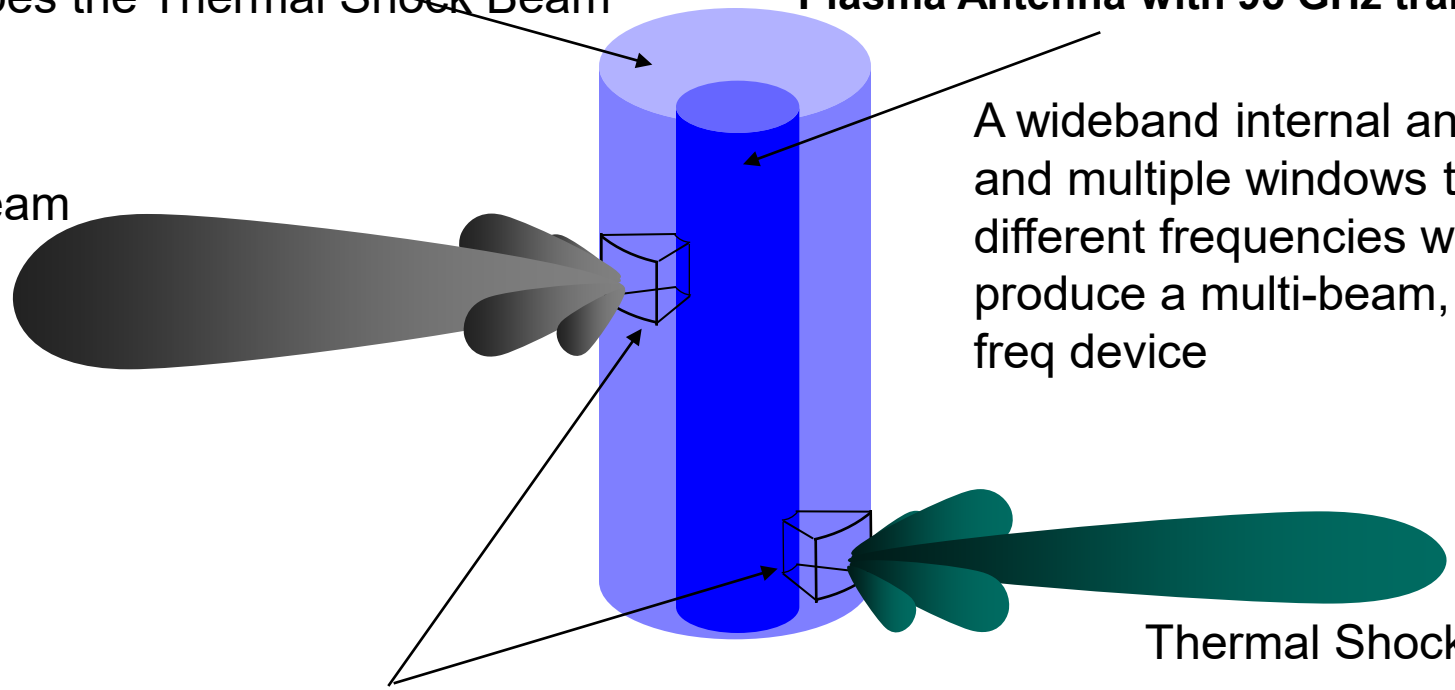
- The Thermal Shock Device operating at ADS (95 GHz) can scan and lock on to the gun so that wherever the gun goes the ADS beam follows.
- The shooter has to drop the gun to stop the pain.
- No one in the room except the shooter is affected by the pain of the ADS beam.

Schematic of Smart Plasma Antenna Star Beam Thermal Shock Device.

At 95 GHz pain without injury.

External Plasma Blanket Steers and Shapes the Thermal Shock Beam

Internal Omnidirectional Metal (hybrid design) or Plasma Antenna with 95 GHz transmitter

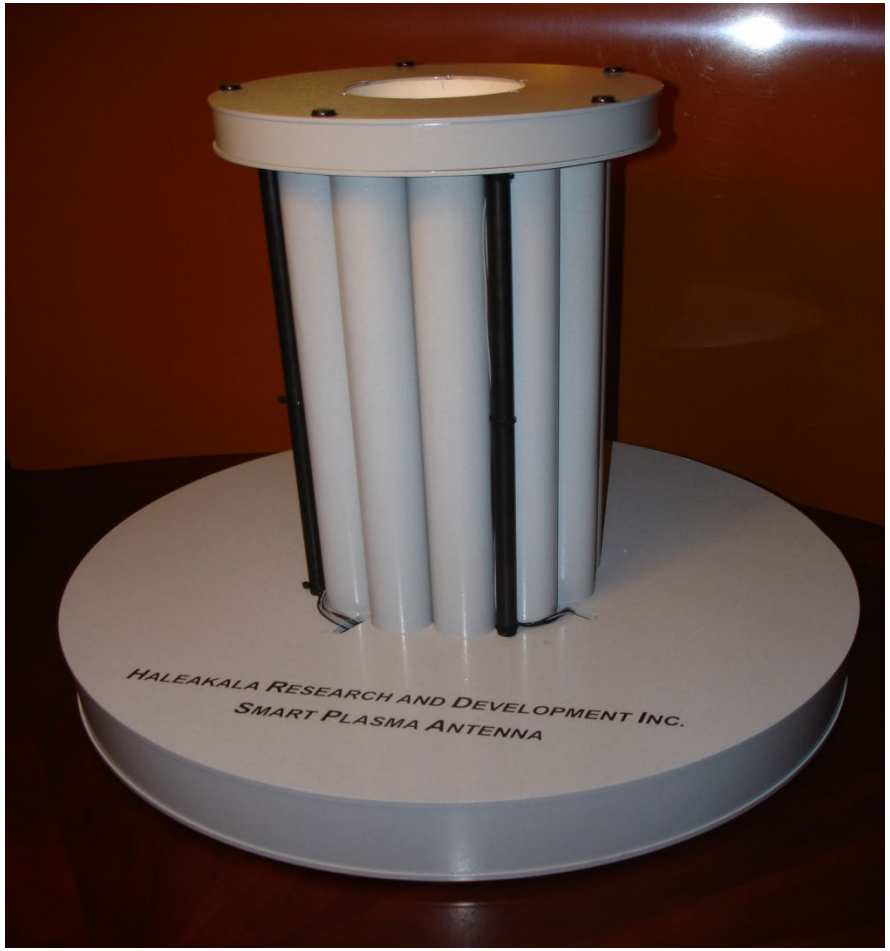


Star Beam Thermal Shock Device without Ruggedization for the Advanced ADS Device.

Currently Works at Various Frequencies.

Smart Plasma Antenna Design for the Advanced Star Beam Thermal Shock Device.

Currently works at several frequencies



Work Plan Overview.

1. Develop omnidirectional or isotropic Star Beam Thermal Shock Device that would fit in the walls and/or classrooms, hallways, and outside but in the vicinity of schools.
2. Other than schools apply this technology to malls, auditoriums, stadiums, or inside and outside any building with active shooter concerns.
3. Develop the smart plasma antenna Star Beam Thermal Shock Device that can selectively scan lock on and inactivate the shooter without inactivating anyone else such as students, teachers, and police.

Relevant Smart Plasma Antenna ADS Issued Patents Invented and Owned by Dr. Theodore Anderson

1. Configurable arrays for steerable antennas and wireless network incorporating the steerable antennas. Patent No. 6,870,517.

2. Configurable arrays for steerable antennas and wireless network incorporating the steerable antennas. Patent No. 7,342,549.

3. Reconfigurable scanner and RFID system using the scanner, Patent No. 6,922,173

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4. Tunable plasma frequency devices, Patent No. 7,292,191.

5. Tunable plasma frequency devices, Patent No. 7,453,403.

6. Reconfigurable scanner and RFID. Patent number RE43, 699.

7. Plasma Devices for Steering and Focusing Antenna Beams; U.S. Patent Issue Number: 8,384,602

Conclusions

- Star Beam Thermal Shock Device can nonlethally stop shooters.
- Our basic Star Beam Thermal Shock Device to be developed will transmit ADS frequency which is 95 GHz in all directions. Students and Teachers must take cover.
- No one is killed including the shooter.
- Police can apprehend the shooter.
- Our Advanced and Ultimate Star Beam Thermal Shock Device will scan and lock on to shooters without affecting anyone else.
- The shooter has to drop the gun to stop the sensation of pain from the ADS.

Conclusions continued

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