

**Directed Energy Weapon / Targeted Individual Patents**

| Patent No.          | freq                  | Wave type           | Symptom    | Filing Date | Publication | Invented By   | Original Assignee                  | Description  |
|---------------------|-----------------------|---------------------|------------|-------------|-------------|---|------------------------------------|--|
| US 6091994 A        | 1/2hz and 2.4Hz       |                     | MK         | 31-Aug-98   | 18-Jul-00   | Hendricus G. I Loos, Hendricus G.                             |                                    | Pulsative Manipulation of Central Nervous Systems  |
| US 6488617 B1       | 1-8hz                 | M                   | MK         | 13-Oct-00   | 3-Dec-02    | Bruce F. Katz   | Universal Hedonics                 | Method and Device for Producing a Desired Brain State via magnetic waves   |
| US 7629918 B2       | "RFDE" and radar      |                     | location a | 15-Dec-05   | 8-Dec-09    | Kenneth W. B Raytheon Company                                 |                                    | Weapon with integrated targeting system to locate targets. Damages/disrupts electronics, biological entities, and physical structures. |
| US 6470214 B1       | 3,500 Hz (probably)   |                     | V2k        | 13-Dec-96   | 22-Oct-02   | James P. O'Lo United States Air Force                         |                                    | Remotely transmits intelligible subjective sound into target consciousness. ("Voice to Skull")   |
| US 3393279          |                       |                     | V2K        | 13-Mar-62   | 16-Jul-68   | G. P. Flanagan  | Listening Incorpora                | Allows information to be remotely conveyed to subject via electromagnetic waves.   |
| US 3951134          | 100, 110, 210 MHz     |                     | MK         | 5-Aug-74    | 20-Apr-76   | Robert G. Mal Dorne & Margolin,                               |                                    | Apparatus and method for remotely monitoring and altering a target's brain waves / central nervous system                              |
| US 4395600          |                       |                     | MK         | 26-Nov-80   | 26-Jul-83   | Rene R. Lundy & David L. Tyler                                |                                    | Subliminal manipulation of subjective emotions via remotely directed audio waves   |
| US 4834701          | 4-16 Hz               |                     | MK         | 24-Jul-85   | 30-May-89   | Kazumi Masal Ken Hayashibara                                  |                                    | Remote neurological control via sets of low frequency waves beamed at brain  |
| US 4858612 A        | microwave spectrum    |                     | V2K        | 19-Dec-83   | 22-Aug-89   | Philip L. Stock Stocklin Philip L                             |                                    | Transmits sound to auditory cortex of mammals via remotely-applied microwave signals.  |
| US 4877027 A        | 100-10,000 MHz        |                     | V2K        | 6-Jun-88    | 31-Oct-89   | Wayne B. Bru Brunkan Wayne B                                  |                                    | Transmits sound to auditory cortex of mammals via bursts of remotely applied microwaves.   |
| US 5123899 A        | 40-80 Hz, two signals | E                   | MK         | 17-Jan-91   | 23-Jun-92   | James Gall James Gall   |                                    | Alters mood, emotion, sleep states via remotely applied frequencies and wave forms   |
| US 5159703 A        | 14.5 kHz              | E                   | V2K        | 28-Dec-89   | 27-Oct-92   | Oliver M. Low Oliver M. Lowery                                |                                    | Presents subliminal auditory information to the human via remotely applied waves   |
| US 5356368 A        | 4-212 Hz              |                     | MK         | 1-Mar-91    | 18-Oct-94   | Robert A. Moi Interstate Industrie                            |                                    | Method of and apparatus for inducing desired states of consciousness   |
| US 6587729 B2       |                       |                     | V2K        | 24-Apr-02   | 1-Jul-03    | James P. O'Lo US Air Force                                    |                                    | Apparatus for audibly communicating speech using the radio frequency hearing effect  |
| US 6052336 A        |                       |                     | V2K        | 1-May-98    | 18-Apr-00   | Austin Lowrey, Lowrey, Iii; Austin                            |                                    | Apparatus and method of broadcasting audible sound using ultrasonic sound as a carrier   |
| US 6011991 A        |                       | IR, RF or satellite | RV, MK     | 7-Dec-98    | 4-Jan-00    | Aris Mardiros Technology Patent                               |                                    | Remotely identifies individuals by brainwave signature; monitors words, phrases, and thoughts by brain activity                        |
| US 5889870 A        |                       |                     | Voice      | 17-Jul-96   | 30-Mar-99   | Elwood G. No American Technolo                                |                                    | Makes voices emanate from individuals who do not intend or realize it. "Ventriloquist Effect".   |
| US 5507291 A        | 300-1,000 Hz          |                     | RV         | 5-Apr-94    | 16-Apr-96   | Robert C. Stirl Stirl; Robert C., W                           |                                    | Method for remotely determining information relating to a person's emotional state.  |
| US 3393279 A        |                       |                     | V2K        | 13-Mar-62   | 16-Jul-68   | Patrick Flanagan Listening Inc                                |                                    | Remotely cause individual to hear voices via EMF waves - imperceptible to anyone else.   |
| US 3647970 A        | 50 kHz                | E                   | V2K        | 29-Aug-68   | 7-Mar-72    | Gillis P Flanagan Gillis P Flanagan                           |                                    | Remotely cause individual to hear voices via EMF waves - imperceptible to anyone else.   |
| US 8579793 B1       | 0 Hz - 5 kHz          |                     | MK         | 27-Jan-11   | 12-Nov-13   | James David Honeycutt, John Clois Honeycutt, Jr               |                                    | Controls brain state by placing engineered EMF patterns into the AC wiring of a building.  |
| US 20140309484 A1   |                       |                     | MK         | 24-Jan-14   | 16-Oct-14   | Daniel Wonch Daniel Wonchul Ch                                |                                    | Induce desired brain state in person by adding waves into a music file   |
| US 6488617 B1       |                       | M                   | MK         | 13-Oct-00   | 3-Dec-02    | Bruce F. Katz Universal Hedonics                              |                                    | Monitor and control the brain state of an individual via pulsed magnetic fields aimed at brain   |
| US 6506148 B2       | 1/2 - 2.4 Hz          | E                   | MK         | 1-Jun-01    | 14-Jan-03   | Hendricus G. I Hendricus G. Loos                              |                                    | Manipulation subject brain waves via frequencies emanating from computer and TV screens  |
| US 6487531 B1       |                       | M                   | Voice      | 6-Jul-99    | 26-Nov-02   | Carol A. Tosaya, John W. Sliwa, Jr                            | Carol A. Tosaya, John W. Sliwa, Jr | Makes voices emanate from individuals who do not intend or realize it. "Ventriloquist Effect". Also functions for voice-recognition.   |
| US 6426919 B1       |                       |                     | Voice      | 4-Jan-01    | 30-Jul-02   | William A. Ge William A. Gerosa                               |                                    | Portable, hand-held device for producing humanly audible sounds and voices.  |
| US 6292688 B1       |                       | NM                  | Loc        | 28-Feb-96   | 18-Sep-01   | Richard E. Pat Advanced Neurote                               |                                    | Method and Apparatus for Analyzing Neurological Response to Emotion-Inducing Stimuli   |
| US 6239705 B1       |                       |                     | Loc        | 29-May-01   | 29-May-01   | Jeffrey Glen  |                                    | Intra oral electronic tracking device that can be implanted in teeth, dentures, etc.   |
| US 6167304 A        |                       |                     | MK         | 17-Jun-99   | 26-Dec-00   | Hendricus G. I Loos; Hendricus G.                             |                                    | Remotely manipulates central nervous system of subject by applying electric field to skin  |
| US 6135944 A        |                       |                     | MK         | 6-Nov-98    | 24-Oct-00   | Gerard D. Bowman, Edward M. Karam, Steven C. Zebede Research, |                                    | Induce desired brain state via vibrational stimuli, preferably sound   |
| US 8636640 B2       |                       |                     | MK         | 11-Apr-09   | 15-Oct-09   | Daniel Wonch Daniel Wonchul Ch                                |                                    | Induces a desired brain state via modification of music files.   |
| US 6081744 A        | 1/2Hz - 2KHz          | E                   | MK         | 17-Jul-98   | 27-Jun-00   | Hendricus G. I Loos; Hendricus G.                             |                                    | Manipulates the nervous system of a subject through remotely applied electric fields   |
| US 6017302 A        | 1/2 - 2.5 Hz          | E                   | MK         | 31-Oct-97   | 25-Jan-00   | Hendricus G. I Loos; Hendricus G.                             |                                    | Induces desired emotional state through remote EMFs. E.g., sleepiness, sexual arousal.   |
| US 5935054 A        | 1/2Hz                 | M                   | MK         | 17-Jun-95   | 10-Aug-99   | Hendricus G. I Loos; Hendricus G.                             |                                    | Remotely causes subject to feel bodily swaying - i.e., earthquake or "rock the baby" sensation.  |
| US 5899922 A        | 1/2 - 2.4 Hz          | E                   | MK         | 14-Nov-97   | 4-May-99    | Hendricus G. I Loos; Hendricus G.                             |                                    | Induces desired emotional state through remote EMFs. E.g., sleepiness, sexual arousal.   |
| US 5782874 A        |                       | E                   | MK         | 24-Jan-97   | 21-Jul-98   | Hendricus G. I Loos; Hendricus G.                             |                                    | Controls emotional state of subject, e.g., sleepiness, sexual arousal, slow mental processes.  |
| US 6006188 A        |                       |                     | NM         | 19-Mar-97   | 21-Dec-99   | Rostislav Bogi Dendrite, Inc                                  |                                    | Assesses psychological, physiological characteristics of a subject based on voice characteristics                                      |
| US5954630 A         | 2Hz-20Hz              |                     | MK         | 14-Sep-94   | 21-Sep-99   | Kazumi Masal Ken Hayashibara                                  |                                    | Controls human brainwaves by superimposing waves onto audio wave signals   |
| US 5586967 A        |                       |                     | MK         | 27-Jun-94   | 24-Dec-96   | Mark E. Davis Davis; Mark E.                                  |                                    | Controls human brainwaves by superimposing hidden phrases onto music signals   |
| US 5539705 A        |                       |                     | MK         | 27-Oct-94   | 23-Jul-96   | M. Alfred Ake Martin Marietta En                              |                                    | Transmits hidden speech; reconverts to normal speech signals at intended destination   |
| US 6490480 B1       |                       |                     | NM         | 14-Sep-00   | 3-Dec-02    | Eduard Lerner Eduard Lerner                                   |                                    | Monitors subject neurological condition via EMFs remotely aimed at the skin.   |
| US 5392788 A        |                       |                     | MK         | 3-Feb-93    | 28-Feb-95   | William J. Huc Hudspeth; William                              |                                    | Reads subject brainwaves and sends stimuli to subject to alter their brainwaves as desired   |
| US 5330414 A        |                       |                     | MK         | 11-Feb-92   | 19-Jul-94   | Mitsuo Yasulu Pioneer Electronic                              |                                    | Controls subject brainwaves by shining a modulated light signal into the subject's eyes.   |
| US 5289438 A        |                       |                     | MK         | 13-Apr-92   | 22-Feb-94   | James Gall James Gall   |                                    | Alters subject brain state via application of a variety of wave frequencies and forms.   |
| US 7674224 B2       |                       |                     | MK         | 14-Oct-05   | 9-Mar-10    | Adam Hewett Vitrepixel Holdings                               |                                    | Controls subject brain state by adding covert frequencies onto a musical composition.  |
| US 5213562 A        |                       |                     | MK         | 25-Apr-90   | 25-May-93   | Robert A. Moi Interstate Industrie                            |                                    | Controls brain state via modulated audio signals aimed at target subject.  |
| US 5170381 A        |                       |                     | MK         | 22-Nov-89   | 8-Dec-92    | Eldon Taylor, Eldon Taylor, Wood                              |                                    | Method for superimposing hidden subliminal messaging into audio/music files.   |
| US 5151080 A        |                       |                     | MK         | 28-Aug-90   | 29-Sep-92   | Claus Bick Claus Bick   |                                    | Changes the brain state of subjects through electroacoustic means.   |
| US 5135468 A        |                       |                     | MK         | 2-Aug-90    | 4-Aug-92    | Juerger P. Me Meissner Juerger P                              |                                    | Controls the brain state of a person by applying differing audio signals into each ear.  |
| US 5123899 A        |                       |                     | MK         | 17-Jan-91   | 23-Jun-92   | James Gall James Gall   |                                    | Controls the brain state by application of a variety of wave frequencies and forms.  |
| US 4958638 A        |                       |                     | PM         | 30-Jun-88   | 25-Sep-90   | Steven M. She Georgia Tech Resear                             |                                    | Remotely monitors heart rate and perspiration through the use of directed EMFs.  |
| WO 201517487:60 GHz |                       |                     | PM         | 15-Apr-15   | 19-Nov-15   | Milan Savić, V Novelic D.O.O.                                 |                                    | Monitors vital signs of subject via remote application of radar waves. Hand-held.  |
| US 2010032441       | 1-100 GHz             |                     | PM         | 5-Apr-10    | 23-Dec-10   | Darrel D. Drin Philometron, Inc.                              |                                    | Measures tissue damage of subject via remote application of electromagnetic waves.   |

|                   |                |         |           |           |                                     |  |   |
|-------------------|----------------|---------|-----------|-----------|-------------------------------------|--|---|
| US 20130001422 A1 |                | PM      | 28-Jun-12 | 3-Jan-13  | Gary Dean Lav The Procter & Gam     | Remote monitoring of the physical condition of a living subject  |   |
| US 7811234 B2     |                | PM      | 30-Aug-07 | 12-Oct-10 | William R. Mc California Institute  | Remotely monitors of a subject's physiological health and status, esp., the heart.   |   |
| US 4924744 A      |                | Voice   | 9-Aug-88  | 15-May-90 | Kimio Yamam Hudson Soft Co., Lt     | Generates and propagates artificial sound and voice sounds that will be heard by a target.   |   |
| US 4616261 A      |                | MK      | 17-Oct-83 | 7-Oct-86  | James R. Craw Stimutech, Inc.       | Superimposes subliminal imaging onto a subject's existing television signal.   |   |
| US 4395600 A      |                | MK      | 26-Nov-80 | 26-Jul-83 | Rene R. Lundy Lundy Rene R, Tyle    | Controls mental state of subjects by adding imperceptible subliminal messaging to audio signals.   |   |
| US 9433789 B2     |                | MK      | 14-Mar-14 | 6-Sep-16  | Laura Tyler Pe Micron Devices Llc   | Apparatus for remote neural control of subjects via an implanted RF circuit  |   |
| US 8892208 B2     |                | MK      | 13-Jun-13 | 18-Nov-14 | Michael P. Fly University of Michi  | Remotely reads brain waves, sends back response to achieve desired brain state.  |   |
| US 5788648 A      | 1-30 Hz        | MK      | 4-Mar-97  | 4-Aug-98  | Eric Tab Nade Quantum Interfere     | Reads subject brain state by sending stimuli and then reading/receiving response   |   |
| US 7689272 B2     |                | NM      | 7-Jun-02  | 30-Mar-10 | Lawrence Fan Lawrence Farwell       | Reads brain waves to monitor participation in organizations, specific activities, etc  |   |
| US 2016037522     | 5-40 Hz        | MK      | 1-Mar-16  | 29-Dec-16 | Joel Steven Gi Joel Steven Goldbe   | Controls human behavior via targeting human brain with ELF (extremely low frequency) EMFs  |   |
| US 7609001 B2     |                | Disable | 6-Dec-06  | 27-Oct-09 | James G. Sma Raytheon Compan        | Device that is able to direct high-power magnetic waves at a target for weapon purposes.   |   |
| US 4700068 A      |                | Disable | 31-Jan-86 | 13-Oct-87 | Frederick J. M Hughes Aircraft Co   | Allows extremely precise aim of particle beams over distances of up to several thousand miles  |   |
| US 7405834 B1     | 1 kHz          | Aim     | 15-Feb-06 | 29-Jul-08 | Joseph C. Mar Lockheed Martin C     | Imaging device that improves the aim of directed energy weapons  |   |
| US 20120274147 A1 |                | M       | MK        | 19-Oct-11 | 1-Nov-12                            | Frederick P. Si Alliant Techsystem   | Technique for wireless transmission of magnetic waves for use w/ energy weapons |
| US 8049173 B1     |                | E       | Multi     | 17-May-07 | 1-Nov-11                            | Kenneth W. B Raytheon Compan   | Combination RF directed energy weapon and imaging (visual monitoring) tool      |
| US 2860627 A      |                | MK      | 26-Mar-53 | 18-Nov-58 | Charles M Hai Charles M Harden,     | Reads subject brain waves by applying light stimulation to brain and reading response.   |   |
| US 2995633 A      |                | V2K     | 25-Sep-58 | 8-Aug-61  | Lawrence Josi Lawrence Joseph L,    | Causes subject to hear audible sounds by transmitting electrical (inaudible) waves at face   |   |
| US 3566347 A      |                | MK      | 27-Apr-67 | 23-Feb-71 | Andrew E Flar Gen Dynamics Cor      | A system for producing aural psychological disturbances and partial deafness in the enemy.   |   |
| US 20020002464 A1 |                | NM      | 31-Aug-99 | 3-Jan-02  | Valery A. Petr Valery A. Petrushin  | A system for monitoring emotions by listening to a conversation between at least two persons.  |   |
| US 8965770 B2     |                | NM      | 29-Mar-11 | 24-Feb-15 | Valery A. Petr Accenture Global S   | A system for detecting emotion in voice signals by monitoring phone conversations.   |   |
| US 7282727 B2     |                | MK      | 23-Oct-13 | 13-May-14 | Todd Eisenbei Genesis Illuminatio   | Psychologically/physically incapacitates subject via the remote application of pulsed light.   |   |
| US 6559769 B2     |                | NM      | 7-Dec-01  | 6-May-03  | Eric Anthony, Eric Anthony, Josep   | Monitoring system comprised of microprocessors installed in vehicles, personal property and homes to continually monitor and determine undesirable behavior in targeted individuals. Rem |   |
| US 6873261 B2     |                | NM      | 17-Jan-03 | 29-Mar-05 | Eric Anthony, Eric Anthony, Josep   | Monitors and determines undesirable behavior in humans via wireless microprocessors in vehicles, personal property and homes   |   |
| US 20080282817 A1 |                | Locate  | 26-Oct-07 | 20-Nov-08 | David S. Breee Intelligent Tech Int | Remotely monitors & uploads presence / movement of human occupants in vehicles   |   |
| US 5653462 A      | 144 MHz        | E       | Locate    | 21-Jul-95 | 5-Aug-97                            | David S. Breee Automotive Techni   | Monitors occupant position in vehicles via ultrasonic/microwave sensor          |
| US 8362884 B2     |                | Battery | 16-Feb-11 | 29-Jan-13 | Robert T. Dug Rolls-Royce North     | Power system. Maintains directed energy weapons in ready state (avoiding power down)   |   |
| US 20120104282 A1 |                | Aim     | 29-May-09 | 3-May-12  | James R. Galli Gallivan James R     | Target-tracking system for use with hand-held directed energy weapons.   |   |
| US 20090193344 A1 |                | NM      | 24-Jan-08 | 30-Jul-09 | Scott Smyers Sony Corporation       | Method of monitoring community mood by remotely analyzing voice, text, and biometrics  |   |
| US 20090257555 A1 |                | Locate  | 10-Feb-09 | 15-Oct-09 | Alex Chalmers American Science /    | X-ray inspection trailer that can sense the presence of humans within a structure.   |   |
| US 8194822 B2     |                | Locate  | 28-Sep-10 | 5-Jun-12  | Peter Rothsch American Science /    | X-ray inspection device that can sense the presence of humans within a structure.  |   |
| US 5551879 A      | 1Hz-500Hz      | MK      |           |           |                                     | Dream alteration   |   |
| US5954630 A       | 2Hz-20Hz       | V2K     | 16-Jun-05 |           |                                     |  |   |
| US 5330414 A      | 4Hz-30Hz       | MK      | 13-Jun-05 |           |                                     |  |   |
| US 3951134 A      | 10MHz - 210MHz | E       | MK        | 27-May-05 |                                     |  |   |
| EP 2113063 A1     | 95GHz          |         |           | 1-Jul-05  |                                     | Affects tissues to depth of 0.5mm: blood vessels, nerves, glands   |   |
|                   | 3.5Hz - 3kHz   | V2K     |           |           |                                     |  |   |

| Acronym | Full Designator              | Freq Range       | Applications                           |
|---------|------------------------------|------------------|--|
| ULF     | (Ultra-Low Frequencies)      | 3 - 30 Hz        |  |
| ELF     | (Extremely Low Frequencies)  | 30 - 300 Hz      | Navy strategic communications          |
| VF      | (Voice Frequencies)          | 300 - 3000 Hz    |  |
| VLF     | (Very-Low Frequencies)       | 3 kHz - 30 kHz   | Navy strategic communications          |
| LF      | (Low Frequencies)            | 30 kHz - 300 kHz | Navy Comm, Navigation (NDEs)           |
| MF      | (Medium Frequencies)         | 300 kHz - 3 MHz  | Navigation (NDEs), AM Broadcast        |
| HF      | (High Frequencies)           | 3 MHz - 30 MHz   | Short Wave, Ham Radio, Int'l Broadcast |
| VHF     | (Very-High Frequencies)      | 30 MHz - 300 MHz | FM Broadcast, Television, Police/Fire  |
| UHF     | (Ultra-High Frequencies)     | 300 MHz - 3 GHz  | Satellite, GPS, Cell Phone, Television |
| SHF     | (Super-High Frequencies)     | 3 GHz - 30 GHz   | Satellite Comm and Broadcast           |
| EHF     | (Extremely High Frequencies) | 30 GHz - 300 GHz | Satellite Comm                         |

### Helpful Patents for Targets

|                   |              |  |
|-------------------|--------------|--|
| USP # 6,430,443   | august, 2002 | helps to eliminate auditory hallucinations                                   |
| USP 5562597       | 1-Oct-96     | uses electrical stimulation of a crystal and it's supposed to reduce stress  |
| US 7297100 B2     |              | Device for magnetic and electric field shielding                             |
| WO 1995005128 A1  |              | Protection of living systems from electromagnetic fields                     |
| US 20140039821 A1 |              | Methods of scanning, analyzing and identifying electromagnetic field sources |

