

STRT IP Assets 12/07/2022

(28 active patents)

Patents	Issue Date	Docket #	Title
m	7470240	12/30/08	DN0079
m	7841995	11/30/10	DN0079 DV1
m	7905845	3/15/11	DN0079 DV2
m	7834882	2/8/11	DN0079 DV3
m	7507213	3/24/09	DN0090
m	7517572	5/26/09	DN0091
m	7601217	10/23/09	DN0092
m	7497834	3/1/09	DN0093
m	7497835	3/1/09	DN0094
m	7544111	6/9/09	DN0095
m	7600343	10/13/09	DN0096
m	7578796	8/25/09	DN0097
m	7497836	3/3/09	DN0099
m	7594930	9/29/09	DN0105
m	7988648	8/2/11	DN0112
d	8057411	11/25/11	DN0116
d	8778414	7/15/14	DN0120
m	9060255	6/23/15	DN0120 DV
d	8529451	9/10/13	DN0122
d	8257282	9/4/12	DN0126
d	8535249	9/17/13	DN0126 DV1
d	7895443	4/13/10	D3145805
d	7775995	8/27/00	D3146445
d	11311454	4/26/22	DN0346
d	11389370	7/19/22	DN0288
d	11389373	7/19/22	DN0328
d	11389372	7/19/22	DN0329
d	11389373	7/19/22	DN0330

18 US pending, 5 CA foreign, 4 PCT

Application/Publication	Docket #	Title	Description/Abstract
1750278	DN0288DV	TREATMENTS FOR BLOOD SUGAR LEVELS AND MUSCLE TISSUE OPTIMIZATION USING EXTRACORPORAL ACOUSTIC SHOCK WAVES	A method of treating red blood cells of a human patient has the steps of activating an acoustic shock wave generator or source to emit acoustic shock waves and subjecting a vascular system containing red blood cells and surrounding muscle tissue peripherally through an extremity of a patient to the acoustic shock waves by stimulating the extremity wherein the extremity is positioned within a path of the emitted shock waves and away from a geometric focal volume or point of the emitted shock waves. The methods also treat muscle tissue of aging patients, from muscle regeneration or athletes for legal performance enhancement without drugs.
15239323	DN0300	THERAPEUTIC TREATMENT FOR INCREASING TESTOSTERONE	treatment for increasing testosterone levels in an adult male patient
17750911	DN0328DV		
3026401	Canada	DN0328 CA	P8190CA00
3028059	Canada	DN0329 CA	P8193CA00
17752196	DN0330DV1		
17752246	DN0330DV2		
17752287	DN0330DV3		
PCT/US19/30141	PCT	DN0330PCT	
3026905	Canada	DN0330 CA	P8200CA00
17287630	US	DN0332	
PCT/US19/30158	PCT	DN0332PCT	P8207CA00
3026989	Canada	DN0332 CA	
16353365	DN0336	ACOUSTIC SHOCK WAVE THERAPEUTIC METHODS TO TREAT MEDICAL CONDITIONS USING REFLEXOLOGY ZONES	treatment method to reduce or eliminate a patient's symptoms caused by a medical condition or disease, and subjecting the one or more reflexology zones or the one or more reflexology zones and the area near a source of the medical condition or pain
3026371	Canada	DN0336 CA	P8201CA00
PCT/US19/30148	PCT	DN0336PCT	
16879979	DN0350	DEVICE AND METHODS TO DESTROY BACTERIA, MOLDS, FUNGI AND VIRUSES AND FOR REDUCING INFLAMMATION AND MARKERS IN ORGANS AND TISSUE AND TO EXTEND THE UTILITY OF ANTIBIOTICS	A method of treating a patient having inflammation or an infection from bacteria or molds or fungi or virus. The sound wave treatments cause an improved blood supply, a disruption of cellular membranes and a cellular communication causing the patient's cells to identify and attack the bacteria, mold fungi or virus and further causes repairing or stimulating an increase in anti-microbial peptides. The method further can have the step of administering medications to the patient, wherein the sound wave treatment extends the useful life of the medications.
16935361	DN0354	A METHOD OF TREATING THE LOWER SPINE TO REDUCE OR ELIMINATE REFERRED OR NON-SPECIFIC PAIN (GHOST PAIN) IN THE PELVIS AND ABDOMEN INCLUDING THE BLADDER, PROSTATE, TESTICLES, GENITALIA AND DIGESTIVE TRACT	A method of treating a patient exhibiting abdominal or pelvic pain (ghost pain) by applying shock waves/pressure pulses to the lower spine, lumbar and sacral spine to reduce or relieve spinal stenosis, inflammation, injury or disease.
17097166	DN0356	DEVICE AND METHODS TO TREAT INFECTIONS, INFLAMMATIONS AND TUMORS IN ORGANS AND TISSUES AND TO EXTEND THE UTILITY OF ANTIBIOTICS	A method of treating a patient having an inflammation, infection from bacteria or molds or fungi or virus or cancerous cells by destroying bacteria or molds or fungi or virus or cancerous cells. Directing one or more sound wave treatments into the patient targeting the inflammation, infection, mold, virus, bacteria or fungi to cause a body to identify these as foreign objects and trigger the body's own natural healing mechanisms to destroy the foreign objects.
16830924	DN0359	A METHOD OF TREATING THE LUNGS	A method of treating a patient exhibiting a lung disease or pulmonary disorder by applying shock waves or acoustic pulses directed to impinge lung tissue of the lung or lungs exhibiting a lung disease or pulmonary disorder, the pressure pulse or shock wave pattern being directed to a portion of the lung exhibiting the lung disease or pulmonary disorder.
PCT/US20/24898	PCT	DN0359PCT	
17223585	DN0363	A METHOD OF TREATING THE BLOOD	A method of stimulating human blood external of a patient donor comprises the steps of: activating an acoustic shock wave or pressure pulse generator to emit acoustic shock waves or pressure pulses directed to impinge the blood; subjecting the blood to the acoustic shock waves or pressure pulses to form stimulated blood cells; and transferring the stimulated blood cells into the patient donor. (viii)
17750748	DN0386	A METHOD OF TREATING UNINTENDED PARALYSIS CAUSED BY BOTOX	A method of treating a patient exhibiting paralysis by applying shockwaves or acoustic pulses to the affected region to reduce or relieve unintended paralysis has the steps of: activating an acoustic shock wave or acoustic wave generator or source to emit acoustic shock waves or pulses from a fixed acoustic wave source or a handheld shock wave head or from electrodes embedded within a catheter with or without a fluid filled balloon catheter; and administering a plurality of acoustic shock or acoustic waves in a pulse or wave pattern within the targeted tissue of less than 10.0 ml/mm ² per shock wave, the plurality of acoustic shock or acoustic waves in a pulse or wave pattern should be directed to a portion of the affected region.
17825179	DN0391	METHOD AND DEVICE TO PRESERVE ORGANS AND TISSUE FOR TRANSPLANTATION	A method of treating a harvested organ or tissue for preservation for implantation into a patient has the steps of: harvesting an organ or tissue from a donor; placing the harvested organ or tissue into a container; filling the container with a fluid for preservation; sealing the container once filled; directing one or more sound wave treatments into the container to destroy bacteria or molds or fungi or virus and to stimulate the organ or tissue; and storing the container at a hypothermic temperature of about 4 degrees C for storage prior to implantation.
63344720	DN0392PROV	ACOUSTIC SHOCK WAVE TREATMENT FOR ERECTILE DYSFUNCTION	A method of treatment for a penis of an adult postpubertal male patient, the treatment has the steps of: causing an erection of a penis; activating an acoustic shock wave generator or source to emit low energy or unfocused acoustic shock waves and subjecting the erect penis to the acoustic shock waves stimulating said erect penis, the erect penis is positioned within a path of the emitted shock waves stimulating a cellular response.
63291938	DN0297	ACOUSTIC SHOCK WAVE TREATMENT AND DEVICES FOR APPENDAGES	An improved method of treating an appendage of a patient using acoustic shock waves has the steps of: providing an appendage in need of an acoustic shock wave treatment; placing an acoustic shock wave applicator on a surface of the appendage; placing a gaseous filled membrane on an opposite surface of the appendage; activating an acoustic shock wave generator or source to emit acoustic shock waves from an acoustic shock wave applicator; and wherein the acoustic shock wave is transmitted from the acoustic shock wave applicator through the surface sending the emitted acoustic shock waves into the tissue of the appendage and exiting the opposite surface of the appendage to the gaseous filled membrane where a reflection of the acoustic shock wave occurs sending reflected acoustic shock waves back through the appendage.
17949725	DN0401	ACOUSTIC SHOCK WAVE OR PRESSURE PULSE TREATMENT AND METHODS OF USE FOR BRAIN INFLAMMATION	A method of treating a traumatic brain injury to reduce pressure and inflammation using pressure pulses or shock waves having the steps of placing an applicator head of an acoustic shock wave or pressure pulse generator or source on a head near a swollen region at the brain injury; coupling the applicator head directly or indirectly to an exposed surface of the skin and head near the swollen region; and activating the generator or source to emit pressure pulses or acoustic shock waves through the skin and head to brain tissue exhibiting high pressure and inflammation to reduce the pressure and inflammation.
17944451	DN0402	ACOUSTIC SHOCK WAVE OR PRESSURE PULSE TREATMENT AND METHODS OF USE FOR ANTI-AGING	A method of treating a reflexology zone to reduce aging using pressure pulses or shock waves has the steps of: placing an applicator head of an acoustic shock wave or pressure pulse generator or source at a reflexology zone; coupling the applicator head directly or indirectly to an exposed surface of the skin near the reflexology zone; and activating the generator or source to emit pressure pulses or acoustic shock waves through the skin to the reflexology zone to reduce, reverse or stop cell senescence or aging and apoptosis.

Trademarks	Serial No.	Registration No.	Reg. Date
Software	7790531	4388328	08/20/2013
Dermagold	85423708	4392879	08/27/2013
Orthogold	85423805	4584802	8/12/2014
Lithogold	7827531	3473725	07/22/2008
ProD	90881657		

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 9-10 year section 8 and 9 due 08/27/2023-2024
 9-10 year section 8 and 9 due 08/12/2023-2024
 9-10 year section 8 due and 9 due 07/22/2027
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