

GROUND ADVANTAGE GAIN, ORBITAL DRIVE POWER TRANSMISSION UNIT-PATENT-F-NO-162/CHE/2013.-BY Inventor-Mr.T.J.David

AUTO-CONTROL, DUAL-FUNCTION, HYBRID STONE CUTTING, SCRUBBING, POLISHING MACHINE-PATENT-F-NO-163/CHE/2013BY the PROJECT COORDINATOR & Inventor-Mr.T.J.David

GROUND ADVANTAGE GAIN, ORBITAL DRIVE POWER GENERATOR-PATENT-F-NO-164/CHE/2013.BY Inventor -Mr.T.J.David

HYBRID PEDAL STOVE- PATENT -F-NO-2724/CHE/2009

ELEMENT OF NOVELTY & NOT KNOWN, IN PRIOR ART OF PATENT

The paddle stove can cook the food with small exercise using paddle power, by generating and storing electrical energy, with combine advantage using solar thermal energy, electrical and thermal means, by energy storage, it has dual advantage of working with-conventional and non conventional energy, it requires 30 to 40 minutes exercise, to cook whole day meals for a single or two person.- **BY Inventor- Mr.T.J.David**

ENERGY SAVING LIGHTING FIXTURE -PATENT-F-NO-2725-/CHE/2009
ELEMENT OF NOVELTY, & NOT KNOWN, IN PRIOR ART OF PATENT

The lighting fixture allows a single bulb to be used to light 4 rooms at time, with options to control the light to each room independently, with options to switch off or switch on the light, to any of the room, while the single bulb being the only light source, that can be controlled with one main or with individual switches of each room. **BY Inventor- Mr.T.J.David**

WATER PERCOLATING SYSTEM ROOM AIR COOLER-PATENT-F-NO-2726/CHE/2009
ELEMENT OF NOVELTY, & NOT KNOWN, IN PRIOR ART OF PATENT

that can be installed on the room walls as a split a split A/C, type, or can be used as a inbuilt window and as air cooler serving dual purpose, to overcome draw backs of conventional room air coolers that occupies room floor space and has summer winter shifting and storage problem. It is 10% more in cost , saves 50% energy does not require pump, provides better cooling effect with regulated water supply provision to save water and electricity ,and also models with portable foldable suitcase type.The room air cooler with 50% more energy efficiency, and energy saving, with unique feature **BY Inventor- Mr.T.J.David**

TREE POLE CLIMBING ROBOT- -PATENT -F-2727/CHE/2009
ELEMENT OF NOVELTY, & NOT KNOWN, IN PRIOR ART OF PATENT

It is fastest tree /pole / building climbing autonomous robot, that has rotatable frame friction/traction wheels can carry pay load with it, can install systems of surveillance, monitoring,

data collecting, flood lighting and public address systems, for rescue, surveillance/ security as well as horticultural 24 hour monitoring and data collection of branch less toll trees .**BY Inventor- Mr.T.J.David**

LOOM WORKS WITH GRAVITY- PATENT -F-N0-2728/CHE/2009
ELEMENT OF NOVELTY, & NOT KNOWN, IN PRIOR ART OF PATENT

A loom that works by using gravity to work various components of loom that required for weaving, it works by shifting its center of gravity, to power functional components, works with oscillating motion instead of cumbersome electro mechanical gear, pulley power transmission. With exceptional features, it can weave 4 types of different garment at a time.
BY Inventor - Mr.T.J.David

GLARE REDUCING GOGGLE THROUGH LIGHT REFRACTION-PATENT-F-N0-2729/CHE/2009
ELEMENT OF NOVELTY, & NOT KNOWN, IN PRIOR ART OF PATENT

This goggle is developed to overcome, which is inbuilt anti- light glare protection system to eyes, for vehicles drivers driving in the night, to safe guard light blindness by opposite direction approaching vehicles, that cause discomfort & temporary blindness, to avoid cause of accidents. **BY Inventor- Mr.T.J.David**

MULTY CYLINDER SOLAR PUMP FOR HYDRO PENUMATIC APPLICATION
ELEMENT OF NOVELTY, & NOT KNOWN, IN PRIOR ART OF PATENT. The technology provides dual purpose service pumps, as water & air, one at a time or both simultaneously,. Increases water lifting capacity 5 to 10 times and saves 70% energy, can be converted to any mode as water pump or pneumatic air pump, with minor instant adjustment, works with conventional and non- conventional energy. **BY Inventor- Mr.T.J.David**

SOLAR POWERED CROP HARVESTING ROBOT-PATENT-F-N0-2731/CHE/2009
ELEMENT OF NOVELTY, & NOT KNOWN, IN PRIOR ART OF PATENT

The solar powered crop harvester consumes 10 times less energy and work most energy efficiently, and then conventional one and costs 4 times less cost with 70% saving of crop harvesting cost. First of its kind in the world. Provides both fodder and food grain. working on solar energy **BY Inventor- Mr.T.J.David**

R.F.O. WET GRINDER THAT PROVIDS CLAREN R/O WATER FOR GRINDING VERY HYGENIC BATTER - PATENT -F-N0-2732/CHE/2009
ELEMENT OF NOVELTY, & NOT KNOWN, IN PRIOR ART OF PATENT

A wet grinder that provides, R.O. clean water simultaneously while grinding the batter required to prepare south Indian food, working with paddle power with option to work on conventional and non conventional energy. **BY Inventor- Mr.T.J.David**

SOLAR POWERED OUTDOOR ELEVATOR-PATENT-F-N0-2733/CHE/ 2009
ELEMENT OF NOVELTY, & NOT KNOWN, IN PRIOR ART OF PATENT

The low cost dual safety ,elevator developed to work with solar power to provide lifting means for, handicap, sick, and old persons , those they are residing in 2 or3 floor independent houses & buildings, where the conventional elevators /lifts are not suitable and expensive, it helps men and materials to shift above ground floor. **BY Inventor- Mr.T.J.David**

SPLASH WASH WASHING LAUNDRY, WITH WATER--RECYCLING - PATENT - F-N0-2734/CHE/2009.

ELEMENT OF NOVELTY, & NOT KNOWN, IN PRIOR ART OF PATENT

This invention provides most low cost energy efficient laundry, with water recycling for bulk commercial washing it prevents detergent water pollution to water bodies, and wash garment with splash wash technology, works 3 times faster saves 70% energy and costs 50% then compared to conventional laundries, and saves 90% water then conventional laundries. **BY Inventor- Mr.T.J.David**

GRAVITY POWERED SUN TRACKER- PATENT -F-N0-2735/CHE/2009

ELEMENT OF NOVELTY, & NOT KNOWN, IN PRIOR ART OF PATENT

The invention provides most unique sun tracking device used for solar energy harvesting for both thermal and electrical energy generation purpose. The invention works by using gravity to power the sun tracking devise, by using liquid mass, with auto discharge and filling provision, to work the sun tracker. It positions by itself for sun rise direction after every sun set, and do not require electric motor to operate sun tracker unit. **BY Inventor- Mr.T.J.David**

WEED SWEEPER HORTICULTURAL USE PATENT-F-2736/CHE/2009

ELEMENT OF NOVELTY, & NOT KNOWN, IN PRIOR ART OF PATENT

The invention provides solar powered weed cleaning machine for horticultural, orchard care requirements, the machine works by cracking soil surrounding te trees, to remove wild weeds, grass, creepers, and cleaning it allow nutrition's and fresh air ,light and ventilation to soil for better care of the tree. **BY Inventor- Mr.T.J.David**

CAR ACOMODATING ROBOT, FOR CAR PARKING-PATENT-F N0-2737/CHE/2009

ELEMENT OF NOVELTY, & NOT KNOWN, IN PRIOR ART OF PATENT

The invention overcomes drawbacks of conventional car parking technology, providing low cost economically viable portable car parking system, to solve parking problems in congested cities, and towns as well housing complexes' apartments, by accommodating the cars in its allotted platform, in its over head stretchable mobile platforms, can accommodate 6 cars in a row in the space of 2 cars, in every a signal unit, with unique provision of instant parking and disembarking facilities, where it do not require mobility space, as conventional one. can be

worked with conventional and non conventional energy, or with car own self power .The
Inventor- **BY Inventor -Mr.T.J.David**

**MISILES /ROCKETS FUEL LEAK TESTING ROBOTIC STATION- PATENT-F-
N02738/CHE/2009**

ELEMENT OF NOVELTY, & NOT KNOWN, IN PRIOR ART OF PATENT

The invention provides a robotic station for, missiles/rockets fuel leak testing system to detect, and check the fuel leakage of each stages of rockets and missiles fuel supply system, that presently done manually. The invention overcomes human risk of avoiding accidents caused while using high presser gas for leak spots joints testing, of fuel supply systems that use exceptionally very high levels of gas pressure is used, to detect the leakage, is accident prone process, the robotic station provides accident free safe environment, of strong room steel chamber, with autonomous, testing provision, the entire testing operation displayed on monitor, with additional provision of command control located at safe distance for safe testing operation. **BY Inventor- Mr.T.J.David**

COMBINED ADVANTAGE PRIME MOVERS, PATENT -F-N0-2739/CHE/2009

ELEMENT OF NOVELTY, & NOT KNOWN, IN PRIOR ART OF PATENT

The invention provides, most energy efficient, prime mover technology, that over comes various mechanical frictional and transmission losses. Using dual advantage electromechanical principal of high torque, application, by which prime mover overcomes frictional power transmission losses, providing most energy efficient work out put. The prime mover has additional features to adjust power requirement according to load. **BY Inventor- Mr.T.J.David**

SOLAR POWERED A/C BEDS - PATENT -F- N0-2740/CHE/2009

ELEMENT OF NOVELTY, & NOT KNOWN, IN PRIOR ART OF PATENT

The technology provides energy efficient A/C bed that can be charged with refrigerant, coolant for comfortable resting in air condition environment, with added features to charge the bed with low temperature coolant that can retain and maintain low-temperature for very longer durations. The A/c bed can work with conventional and non-conventional energy. **BY Inventor- Mr.T.J.David**

**AUTONOMOUS AGRO FARMING / MININING /EARTH WORK/ PERFORMING
ROBOT. -PATENT -F- 2741/CHE/2009**

ELEMENT OF NOVELTY, & NOT KNOWN, IN PRIOR ART OF PATENT- The invention provides, most latest, low cost, highly economical, commercially viable agricultural farming technology with invention of autonomous Agrobot which is 90% energy efficient, compared to conventional farming machines, for growing crops, that will minimize labor cost, fuel cost, human drudgery, save time. It is also capable of takes care of all farming activities including irrigation and plant nursing till harvesting, work. The robot is programmed to work through remote net-work, following commands and programs that relayed monitored and controlled, from far away distances. Apart from farming work it can perform mining and earth work related jobs, by wireless mode. It does not require any tracking device to be laid, it

can sense various program related activities with various sensors mounted and provided to perform its work. **BY Inventor- Mr.T.J.David**

Note: When filing a patent application, it is mandatory to mention the element of novelty and prior known art in description of the abstract. This is to help people know what is new in the invention and how it is different from prior known art.