

Greetings! My name is Thomas “Keith” Pullman. I am the inventor named in Patent Number 12,445,027. I serve as the Operations Manager for E•Mag Power LLC. E•Mag Power owns Patent Number 12,445,027.

This letter is an informal notification of the fact that E•Mag Power seeks to sell the patent.

The scalable DC motor system described in the patent has been assigned the trade name “E•Mag Motor System.” The E•Mag Motor, a DC motor, can be powered by direct current produced by solar power.

An E•Mag Motor System, powered by solar power and configured to drive an AC generator, eliminates the necessity to convert DC power into AC power; thereby eliminating the need to use pure sine wave, single-phase, and three-phase inverters in the solar power system. The same E•Mag Motor System, powered by a solar battery storage system, can provide AC power to power grids, businesses, residences, and other buildings and facilities – without the use of said inverters.

The scalable E•Mag Motor System, powered by a free source of DC power, will greatly reduce the cost of mechanical power and AC power.

An E•Mag Motor System can produce mechanical power anywhere in the universe, wherever sunlight falls on an array of solar panels. The effect that the E•Mag Motor System will have on the solar energy industry is comparable to the effect that the internal combustion engine had on the fossil fuel industry.

The purchase of Patent Number 12,445,027 will give your company the opportunity to greatly expand its footprint in the renewable energy industry – and make a few bucks, to boot.

A short presentation describing its scalable design, its many uses, and potential sales, is included.

Yeadon Energy Systems, at my request, performed a Dynamic Performance Analysis on an E•Mag Motor fitted with 2 motor segments (efficiency rating 95.6%), and an E•Mag Motor fitted with 12 motor segments (efficiency rating 93.1%). Both reports can be downloaded at <https://www.emagpower.com>.

Patent Number 12,445,027 can be downloaded at <https://www.uspto.gov/patents/search>.

The design of the E•Mag Motor enables mass production via the use of existing materials, machines and processes. Please direct your engineers to examine the patent and please discuss this presentation with your company’s executive leadership. Please contact me by email if you have any questions.

The asking price set forth on Page 2 is negotiable. In the event your company is interested in discussing a potential transaction, please contact me via my secure email address. As is standard practice, any transaction will be subject to execution of a definitive agreement and customary closing documentation.

Best regards,

T. Keith Pullman, Operations Manager

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STATS - United States - 2024: 340.1 million people. 141 million dwelling units. 36.2 million businesses. 1.97 million nonprofits. A significant number of buildings and facilities are owned by 50 state governments, 91,000 local governments, 1,000's of utility companies, and the U.S. government (including 33,904 post offices, 433 national parks, and 1,070 military bases). Use of electricity: 4.11 trillion kWh. Millions of parcels of land are not serviced by an electric power grid.

STATS - Worldwide – 2024: 196 countries (recognized by the United States). 8 billion people. 2.3 billion dwelling units. 359 million businesses. 11.6 million nonprofits. 1,000's of utility companies. 1,000's of government owned buildings and facilities. 1,000's of post offices. 1,000's of military bases. Use of electricity: 30 trillion kWh. Tens of millions of parcels of land are not serviced by an electric power grid.

The E•Mag Motor System can be used by billions of people, millions of businesses, millions of nonprofits, and 1,000s of government agencies that require mechanical and/or electric power.

Patent Number 12,445,027 describes a unique DC motor system that can be scaled up or down to produce a plurality of different power outputs via a plurality of configurations. The number of configurations, by design, can be as numerous as necessary to meet a multitude of power demands.

The power output of an E•Mag Motor System is scalable via the use of one or a plurality of identical motor segments and/or an increase or decrease in the diameter of the identical motor segments and/or an increase or decrease in the applied voltage.

An E•Mag Motor System can be configured with one E•Mag Motor, a bank of E•Mag Motors, or a plurality of banks of E•Mag Motors. An E•Mag Motor System can be configured to drive one machine, one or more of the same types of machine, or one or more combinations of different types of machines, including DC and AC generators of different power outputs.

Solar energy is a free energy source. Solar power produces direct current. The E•Mag Motor is powered by direct current. A solar panel array can be configured to power one E•Mag Motor, a bank of E•Mag Motors, or a plurality of banks of E•Mag Motors.

The scalable E•Mag Motor System, powered by a free source of DC power, can be used to produce small, moderate or large amounts of mechanical power.

An E•Mag Motor System, powered by solar power and configured to drive an AC generator, eliminates the necessity to convert DC power into AC power; thereby eliminating the need to use pure sine wave, single-phase, and three-phase inverters in the solar power system. The same E•Mag Motor System, powered by a solar battery storage system, can provide AC power to power grids, businesses, residences, and other buildings and facilities – without the use of said inverters.

The scalable E•Mag Motor System, powered by a free source of DC power, will greatly reduce the cost of mechanical power and AC power.

The most expensive racehorse in American history sold for \$70 million.

E•Mag Power's asking price for Patent Number 12,445,027 is \$20 million.

A Notable Note: It is important to note that the objective is to use fossil fuels and solar energy together; resulting in 365-day reliability via the best use of both energy sources.

Uses:

An E•Mag Motor System powered by solar power can be used by millions of real property owners, whose properties are serviced by a power grid, to produce mechanical and/or electric power. Excess electric power can be sold to the local power company. Electric power can be drawn from the power grid when solar power is not available.

An E•Mag Motor System powered by solar power can be used by millions of real property owners, whose properties are not serviced by a power grid, to produce mechanical and/or electric power. A solar power system configured with a rechargeable battery pack enables the E•Mag Motor System to provide mechanical and/or electric power at night and during inclement weather.

An E•Mag Motor System powered by a portable array of solar panels can be used as a portable source of mechanical and/or electric power on millions of worksites that are not serviced by a power grid.

Potential Sales:

A business can exist and conduct business in perpetuity. A business holding an expired patent can continue selling the patented product despite the expiration of the patent.

The 20-year lifetime of Patent Number 12,445,027 gives the patent holder the opportunity and the time to build one or more manufacturing plants. Based on worldwide statistics, a well-managed business can sell over a billion E•Mag Motor Systems during and beyond the lifetime of the patent.

An illustrative example:

The patent holder, long tooled-up to manufacture solar power systems fitted with E•Mag Motor Systems of various power outputs, sold, on average in each state of the 50 United States, 100,000 solar power systems every year for forty years. Each solar power system, on average, was fitted with an E•Mag Motor System configured to drive a 22kW AC generator. A rechargeable battery pack was not included in the system. Price per system: \$75,000.

The patent holder, during the same forty years, exported 800 million units to 195 countries.

200 million domestic units plus 800 million exported units equals 1 billion units. 1 billion units at \$75,000 per unit equals \$75 trillion in sales in a forty-year period.^{1,2}

¹ Units sold, although illustrative, are realistically possible (reference stats on Page 4).

² A 22kW AC solar power system, including installation, ranges from \$60,000 to \$90,000. A 22kW system is of sufficient size to power a 3,000 sq. ft. home, a business with moderate power needs, manufacturing buildings and facilities with moderate power needs, or other buildings and facilities with moderate power needs.

An E•Mag Motor, like a water wheel or windmill, can be geared to rotate machinery at higher speeds.

The power output of an E•Mag Motor is scalable via the use of one or a plurality of identical motor segments and/or an increase or decrease in the diameter of the identical motor segments and/or an increase or decrease in the applied voltage.

NOTE: The diameter of a motor segment, subject to physical limitations, can be of any diameter. The axial length of the rotor within a motor segment, regardless of the diameter of the rotor, is 4 inches.

The diameter of the rotor of the E•Mag Motor, in both performance reports undertaken by Yeadon Energy Systems – was 8.594 feet. The 2024 report is applicable to an E•Mag Motor fitted with 2 identical motor segments. The motor produces a constant dynamic torque of 2,932 ft-lb from 10 to 50 RPM. The efficiency rating is 95.6 percent at 50 RPM. The 2026 report is applicable to an E•Mag Motor fitted with 12 identical motor segments. The motor produces a constant dynamic torque of 17,592 ft-lb from 10 to 50 RPM. The efficiency rating is 93.1 percent at 50 RPM.

The ability to use one or a plurality of identical motor segments reduces the necessity of building a multitude of motors of different diameters.¹

A few illustrative examples:

A large manufacturer uses a bank of 26 E•Mag Motors to drive a bank of 26 high output AC generators. Each motor is fitted with 12 identical motor segments. Each motor segment is 9.5 feet in diameter.

A farmer uses three E•Mag Motors to drive six threshing machines. Each motor is fitted with two identical motor segments. Each motor segment is 9.5 feet in diameter.

A city utilizes ten E•Mag Motors to drive twenty large capacity water pumps that pump fresh water from a river to the city's water treatment facility. Each motor is fitted with one identical motor segment. Each motor segment is 9.5 feet in diameter.

A married couple uses one E•Mag Motor to drive an AC generator sized to power their home. The motor is fitted with two identical motor segments. Each motor segment is 9.5 feet in diameter.

¹The number of motor segments set forth in each example is illustrative – not actual.