



POWER GENERATION USING MAGNETIC FORCE BY PERPEECTUAL MOTION

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Abstract—This paper describes a new and evolving Electrical Power Generation System by perpetual motion that helps in converting the mechanical energy into non-conventional energy sources with the help of magnetic force. All the natural wastage energies are used for production of Electricity. Thus, the Electrical Power or Electricity is available with a minimum cost and pollution free to anywhere in the world at all times. This process reveals a unique step in electricity generation and availability from natural resources without hampering the ecological balance. We can have an uninterrupted power supply irrespective of the natural condition without any sort of environmental pollution. Moreover this process yields the least production cost for electricity generation. Utilization of lightning energy for generation of electricity reveals a new step. It will bring a pollution and accident free homogeneous nature to safe guard the world in a unique way.

I. INTRODUCTION

Now-a-days it is very necessary to find out the renewable energy or power sources for domestic and small commercial purposes. At present in World, more than 60% of people and in India 70% of people are not getting electricity in their daily life. For electricity such as lighting, cooking, moderate machine operating etc, they are extremely depending on oil like kerosene, diesel, petrol, bio-oils and other bio-materials like trees, extracts of food grains etc. These firing of oils or bio-materials cause extreme pollution to nature. Secondly our conventional power generating station like thermal power generation plant hydro-electric power plant nuclear power generation plant etc are causing heavy pollution to nature and living world. The dust, ashes and disposals (outcome) of these power stations are extremely harmful to us, the radio-active ashes of the nuclear power

plant(stations) are not only rejecting immediate harmful materials, but it has a long lasting action also, since it emits radio-active radiation for, numerous poisonous gases like CO, CO₂, methane and hydrocarbons etc are the disposals of thermal power stations which are the most popular and highly power generation method adopted throughout the world at present.

a long time. The coal and other burning materials ashes these power stations are extremely harmful to us, the radio-active ashes of the nuclear power plant(stations) are not only rejecting immediate harmful materials, but it has a long lasting action also, since it emits radio- active radiation for a long time. The coal and other burning materials ashes, numerous poisonous gases like CO, CO₂, methane and hydrocarbons etc are the disposals of thermal power stations which are the most popular and highly power generation method adopted throughout the world at present.

Thus, the thermal power stations are causing extreme pollution to our mankind and nature. Lot of diseases and handicapped affect are the fruit of these power stations. Also natural resources like coal, oil, radio-active materials etc will come to shortage stage or an end in near future. The other power generating systems like Hydro-Electricity power generating plant cannot afford much power, although it causes less pollution. Therefore, it needs urgent invention to go for non-conventional energy resources. The most popular non-conventional power resources are solar energy power plant which converts solar energy or solar heat to electricity. Solar power generation system has some draw back, that is, it cannot generate power in cloudy or rainy days. Therefore, people using this solar system have to remain without electricity (power) after battery gets discharged during the rainy season or the sun's shortcomings, since it is totally depended on appearance of the sun in the sky. Moreover, it has very much limited



capacity and we can not take all available solar energy, because it is urgently required in all other fields also e.g. biological body or health care, agriculture, chemical reactions, industries etc. This paper helps in using the magnetic force which is converted into mechanical energy and then converted into electrical energy.

II. PERPETUALMOTION

Perpetual motion machine: A machine which, since set in function, continues to function perpetually without supplying any energy.

The question about the perpetual motion machine is one of the issues, which attracts people who tend to believe strange things and occultism. That's why such ideas are adopted from various non-recognized religious circles which often describe in their books or in their speeches perpetual motion machines, which however have neither been manufactured nor have functioned. Usually the members of these organizations ignore the fundamental laws of physics and surely they are not the researchers who possess the knowledge to improve or generalize the laws. On the other side it must be stated that it is not always easy to be proved theoretically that it is impossible for a manufacture to function because in each more complicated system a great number of secondary or inconspicuous activities are involved, which in energy issues should be taken into consideration.

There is also a great number of ideas about perpetual motion machines, which (don't) function with magnets, chemical substances or flame. The «eternal light» without the addition of fuel seems to have been cultivated through the centuries mainly in religious circles. Since the first century A.D. there have been relative descriptions of the Roman military officer, politician, natural philosopher and historian Gaius PliniusSecundus (23 – 79 A.D.). In the website of Hans-Peter Gramatke there is a detailed presentation of the most known devices for the designing of a perpetual motion machine with pictures, assimilated movements e.t.c.

As an example, here is a plumbing – mechanic system with communicating tubes of different length as Fig.1, which contains two liquids with an important difference in density

e.g. water and mercury. The globules that will be moving perpetually in the two tubes, float in both liquids. Each globule that goes upwards because of the buoyant force in the left tube falls onto the wheel, which rotates because of each globule's momentum, while afterwards drops into the right tube. There the increased total weight of the globules pushes the formed column and in this way another globule reaches the bottom and then it rises to the surface of the liquid in the left tube, and so on. Even if this device is not possible to function as a perpetual motion machine, the factual cause seems not easy to belocated. Christo Ananth et al.[7] discussed about E-plane and H-plane patterns which forms the basis of Microwave Engineering principles.

III. PERPECTUAL MOTIONHISTORY

Perpetual motion is referring to something that move continuously when a force is applied on it. The perpetual system has been discovered since hundred years ago and it is used to invent perpetual motion machines. The first documented 7 perpetual motion machines were described by the Indian author Bhaskara (c.1159 which called Bhaskara's wheel (figure 3.1). This wheel contains with mercury around its rim. As the wheel turns, the mercury is supposed to move within the containers in such a way that the wheel would always be heavier on one side of the axle. Perhaps this is not so much a practical proposal as an illustration of Indian cyclical philosophy. The idea reappears in Arabic writings, one of which contained six perpetual motion devices. From the Islamic world the idea reachedEurope.

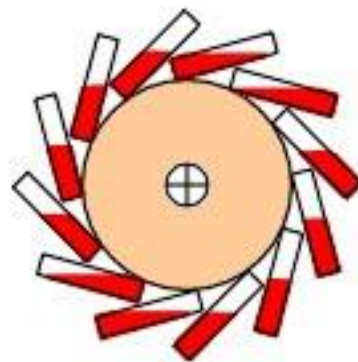


Figure 3.1: Bhaskara's wheel

Another inventor that was developed this system is Leonardo da Vinci (1452- 1519).



The machine invented by Leonardo had purpose to pump the water. Many of Leonardo's drawings of machines were impractical or even unworkable as he depicted them. Most were never built or tested by him. Some were not his original ideas, but were commonly known in his time and earlier times. We often cannot determine whether a particular device included in his notebook was his own design, or of someone else, and we cannot always know whether Leonardo considered it workable or practical. Figure 3.2 shows the Leonardo's drawing of perpetual motionwheels.

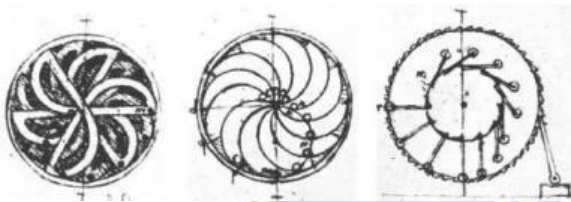
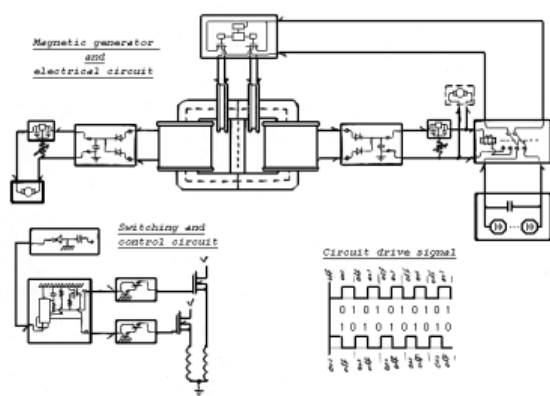


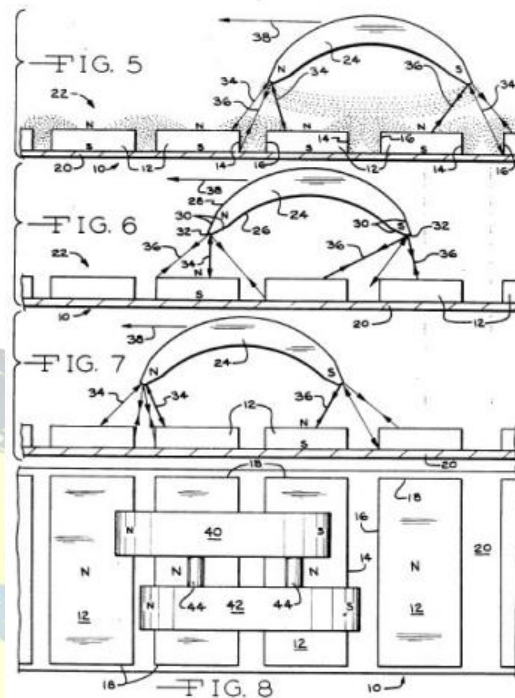
Figure 3.2: Leonardo's drawing of perpetual motion wheels.

Howard Robert Johnson developed a permanent magnet motor and, on April 24, 1979, received [U.S. Patent 4,151,431](#). [The United States Patent office main classification of his 4151431 patent is as a "electrical generator or motor structure, dynamoelectric, linear" (310/12).] Johnson said that his device generates motion, either rotary or linear, from nothing but permanent magnets in rotor as well as stator, acting against each other. [33] He estimated that permanent magnets made of proper hard materials should lose less than two percent of their



magnetization in powering a device for 18 years.

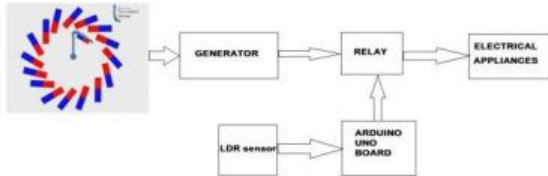
U.S. Patent Apr. 24, 1979 Sheet 2 of 2 4,151,431



The motionless electromagnetic generator (MEG) was built by Tom Bearden. Allegedly, the device can eventually sustain its operation in addition to powering a load without application of external electrical power. Bearden claimed that it didn't violate the first law of thermodynamics because it extracted [vacuumenergy](#) from the immediate environment. Critics dismiss this theory and instead identify it as a perpetual motion machine with an unscientific rationalization. Science writer [Martin Gardner](#) said that Bearden's physics theories, compiled in the self-published book *Energy from the Vacuum*, are considered "howlers" by physicists, and that his doctorate title was obtained from a diploma mill. Bearden then founded and directed the Alpha Foundation's Institute for Advanced Study (AIAS) to further propagate his theories. This group has published papers in established physics journals and in books published by leading publishing houses, but one analysis lamented these publications because the texts were "full of misconceptions and misunderstandings concerning the theory of the [electromagneticfield](#)."



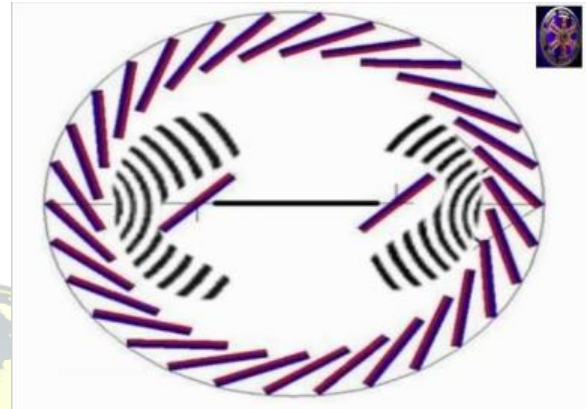
BLOCK DIAGRAM



The magnets used in this system helps to rotate the shaft at a constant speed. In these cases there are no external electricity applied to rotate the shaft. This form a constant perpetual motion that helps in rotation.



In this case as the opposite poles repel each other, the shaft is moved in a circular direction at a constant phase. This produces the electric current to the generator.

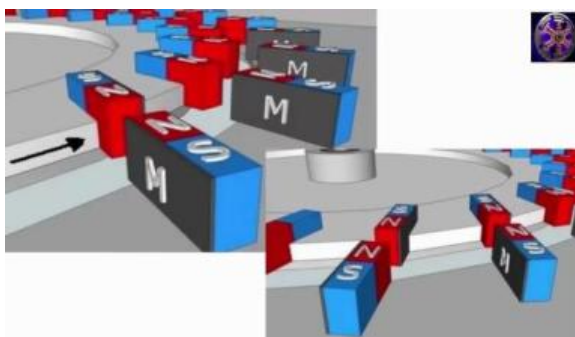


The above image clearly shows the repulsion of magnets.

VI. VOLTAGE BOOSTER

As we can see that, the voltage produced out of this generator is free but of a very small value which is not of much use. So we need to add a voltage booster & a current booster with the generator which increases the voltage of the output to a usable value.

This above figure is the basic perpetual machine in which the shaft is connected to the center bob. The round magnets are used all around the inner circumference of the circle and shaft is expanded to a particular limited perpendicularly and 2 round magnets with opposite poles are attached on either side.



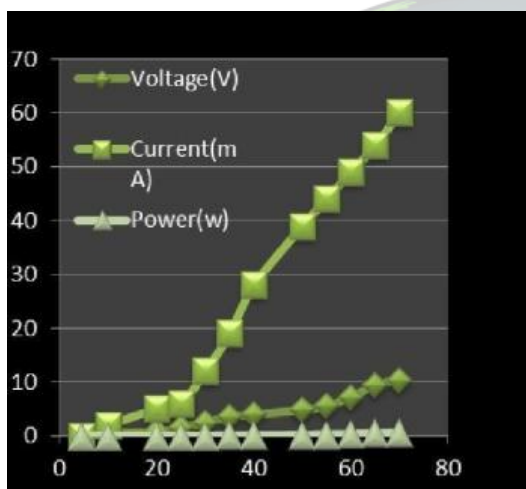
S.No	Speed (Km/hr.)	Initial Voltage (V)	Boost Voltage (V)	Current (A)	Power (W)
1.	4-5	0	0	0	0
2.	10	0.5	0.5	0.002	0.001
3.	20	0.75	0.75	0.005	0.003
4.	25	1.5	12	0.006	0.072
5.	30	2.5	15	0.012	0.18
6.	35	3.6	15	0.019	0.285
7.	40	4.0	15	0.028	0.42
8.	50	4.8	15	0.039	0.585
9.	55	5.5	15	0.044	0.66
10.	60	7.2	15	0.049	0.735
11.	65	9.5	15	0.054	0.81
12.	70	10.4	15	0.060	0.9



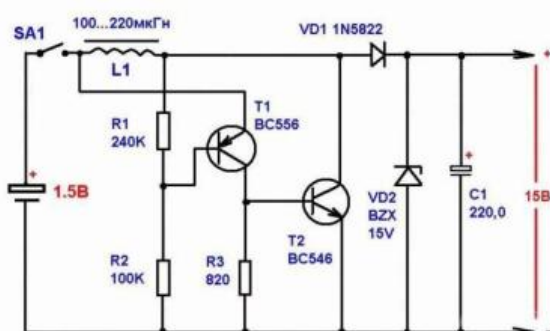
These are the values obtained by the shaft connected with the setup. These values are obtained by the voltage booster used in the circuit.

The graph below helps us to get the full output data when it is rotated with the hand movements. The two graph given below helps us to identify the voltage produced before and after the voltage booster used in the circuit.

OUTPUT GRAPH



VOLTAGE BOOSTER CIRCUIT



VII.CONCLUSION

In this paper, by integrating the basics of a generator and a motor, we successfully have a newer concept of free energy generator which runs on almost no input & gives a valuable amount of electric energy which can be used to for many purposes. The paper revolves around the construction, working & applications of free energy generator & its future enhancements. This design may prove to be a pioneer in the field of research of freeenergy.

The energy can be obtained by any free energy source such as solar energy , wind energy , tidal energy etc., but these sources are limited by particular boundary and time period. But gravity has no boundary and timeperiods.

VIII.FUTUREWORK

The speed of the rotation of the wheel can be increased. This can give a maximum power to the electrical appliances. This may work as the key for the home automation and internet of things.

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