

METHOD AND APPARATUS FOR REGENERATIVE, RECOVERY AND HEALING FOR LIVE HUMANS AND ANIMALS BY APPLYING A LOW FREQUENCY OF AN ELECTROMAGNETIC PULSE WHICH IS VARIED BASED ON ENVIRONMENT AND/OR BODY CONDITIONS

This application claims priority to and the benefit of U.S. Application Serial No. 61/766,226, filed February 19, 2013, which application is incorporated by reference in its entirety.

BACKGROUND OF THE INVENTION

Magnetic influence on living bodies has been known for a long time starting from ancient Greece and Egypt and is currently used as a therapeutic technique in different ways, including with permanent magnets to pulse an electromagnetic field. Research into magnetic therapy proves the health benefits in living bodies. As a result the number of people who sleep on magnetic beds and/or who wear magnets during the day is continually increasing. These uses have shown the energy increase on bodies and have achieved success in the healing process.

It turns out that pulse magnetic frequencies appear to act as a whole body battery recharger by pumping and priming the cells. The cells in the body are similar to little wet batteries that operate ideally at around 70 millivolts. The membrane acts like a one-way rectifier that converts the earth's magnetic pulse into electrical potential energy, which charges the body cells. This energy drives cell metabolism and enhances oxygenation, improves absorption of nutrition and essential elements into the cell and can help to remove waste out of the cell. The entire process of regeneration and healing has used frequencies and energy of the planet Earth, namely the Schumann resonant frequencies and the Earth's magnetic field.

SUMMARY OF THE INVENTION

The present invention generally discloses an apparatus for enhancing regenerative, recovery and healing of a living body. The invention preferably comprises at least one environmental and/or body sensor connected to an electrical circuit, which

applies a preferred, but not limiting, trapezoidal or square wave varying electrical current to a transducer at a different frequency to generate an electromagnetic field output.

The apparatus of the present invention preferably changes the frequency from Delta, Theta, Alpha to Beta (1 Hz - 30 Hz) based on the sensor(s) and will produce an electromagnetic force intensity of about 0.001 to about 0.45 Gauss, continuously forever how long the supplied power is present. The present invention relates to an apparatus which can generate a same or highly similar type of energy which exist and is created by planet earth.

BRIEF DESCRIPTION OF THE DRAWINGS

FIG.1 is a block diagram of the main components for one embodiment of the energy generating apparatus in accordance with the present invention;

FIG.2 is an illustration showing one embodiment for the frequency resonator that can be used in accordance with the present invention;

FIG.3 is an electrical schematic for one embodiment of the present invention apparatus which is shown using an IC and at least one environmental sensor;

FIG.4 electric schematic for one embodiment of the present invention with environmental and bodies sensors using microcontroller and preferably four coils, though the number of coils is not considered limiting; and

FIG.5 is an electrical schematic for one embodiment of the present invention apparatus using an IC and at least one environmental sensor with square wave alternative DC.

DETAILED DESCRIPTION OF THE INVENTION

The disclosed invention will be more fully described below, but is not limited by the attached figures and ensuing description in which:

In FIG.1 blocks 1A and 1B represent the one or more sensors that can be used with the present invention, with Block 1A used to denote one or more environmental sensor(s), such as, but not limited to, barometric pressure sensor, temperature sensor, oxygen level sensor, photo sensor, etc.. One or multiple sensors or embodied sensor (such as a MPL115A2 sensor, though not limiting, which in one miniature foot print can read

the barometric pressure and temperature) can be used in the present invention apparatus for supplying information which will be used to vary the frequency and/or electromagnetic intensity. Block 1B shows the one or more sensors that can be attached to or located approximate to or near a live body and can read, without limitation, body temperature, heartbeat, pH level, etc.

One or multiple environmental sensors (1A) and/or body sensors (1B) can be in communication with an electrical circuit which is preferably run by a microcontroller or regular integrated circuit (“IC”) (block 2). The circuit/microcontroller/IC determines what change to the frequency and/or electromagnetic field intensity has occurred, if any, based on information received from environmental sensor(s) 1a and/or body sensor(s) 1b.

In a more complex embodiment for the present invention apparatus a variety of sensors can be used for providing the information that is used for determining any varying of the frequency and/or the intensity of electromagnetic force. The determination can be based on a programmed algorithm, which will yield the most efficient results for regenerating, balances and healing of a live body. The power (block 4) can be a portable unit with battery(ies) having between about 6 to about 12 volts, and/or a stationary unit using an AC/DC power supply (about 100 to about 240 volt; about 50 Hz to about 60Hz, to about 6 VDC to about 12VDC). Block 3 represents the transducer coil which can be used for supplying conductive coil (based on the output from the microcontroller or IC) which preferably can be in a square or trapezoidal wave form, though such is not considered limiting. The transducer or resonator 3 receives the electric pulse or signal from the electrical circuit 2 and provides or creates a magnetic pulse output. Based on information received from sensors 1A and/or 1B the frequency generated by the electrical circuit can be varied and/or changes can be made to the intensity of the magnetic pulse output from transducer or resonator 3.

Alternatively, the electromagnetic force can be generated by a four axis resonate frequency member preferably composed of four conductive coils placed on each side of a trunk pyramid at approximately 2/3 from the base with both bases being open such that a hand or leg can go through. In another embodiment, the coil sizes can be chosen such that they can encompass an entire live human or animal body. The frequency resonator

embodiment shown in FIG. 2 can create a resonate frequency that provides a tremendous increase in healing and regeneration of live human and animal bodies.

The frequency resonator shown FIG.2 can be an electromagnetic resonant assembly preferably compose of four conductive coils connected sequentially to the microcontroller output two sequentially in opposite axis in the same time or all four simultaneous. Other number of conductive coils can also be provided and similarly connected with the microcontroller and are also considered within the scope of the invention.

As seen in FIG.3, one embodiment for an electrical circuit of the present invention apparatus is disclosed for healing and regenerating live human and animal bodies and reveals a first novel example for producing an electromagnetic pulse with a varying frequency, the intensity of the magnetic force and alternating the polarity based on information received from a photo sensor. Though a photo sensor has been shown for the electrical circuit, it should be recognized that other sensors, such as, but not limited to, one or more of the above mentioned sensors can also be selected in place or in addition to the photo sensor, and use of such other sensors are also considered within the scope of the invention.

In this embodiment, in the presence of light a live body usually is in an active stage (awake stage) and the photo sensor will activate transistor T1 causing resistor R3 to be connected in parallel with resistor R1. With transistor T1 activated, the IC circuit generates a frequency in a high alpha - low beta range (about 11Hz - about 12.5Hz). In the absence of light or a low intensity of light the living body is usually in a relaxed stage and the photo sensor will not activate the base of transistor T1. Thus, resistor R3 will not be connected to anything and the IC circuit generates a different frequency of a high theta - low alpha range (about 7.7Hz - about 8.2Hz).

The IC circuit can be setup and/or programmed to generate two different frequencies which can alternate at a specific time in order to allow the changing of polarity of the electromagnetic field. Each frequency can be changed by information received from any sensor connected to the IC circuit. The above teaching is not considered limiting and is only one non-limiting example for functionality of the present invention and one non-limiting use/method for the regenerative, healing apparatus in

accordance with the present invention. Similarly, the above presentation for the operation of the circuit shown in FIG. 3 is also applicable when other types of sensor(s) are connected to the electric circuit.

FIG.4 shows another embodiment for the present invention apparatus for regenerating and healing live human and animal bodies by varying the low frequency and intensity of an electromagnetic field in accordance with environmental and body conditions using an algorithm programmed and stored and running thru a microcontroller.

FIG.5 discloses an electrical diagram which produces a DC alterative square wave for its output. Generally, resistors R1 and R2, capacitor C1 in conjunction with IC chip generates a base frequency. In one embodiment, IC chip can function as an oscillation circuit. Resistor R3 and transistor T1 can be provided to change vary or switch the base frequency up or down and also to change the duty cycle which increases or decreases the power of the output accordingly. Resistor R4 can be provided to energize the base of transistors T2 or T3. Transistors T2 and T3 can be provided to amplify the signal received from the IC chip and create differentiation of the DC pulse output, and also determine the polarity of the magnetic field. Other electrical or electronic components that will perform the same functions can be used in replace of any of the above described electrical or electronic components. Similar positioned electrical or electronic components shown or described for other embodiments of the present invention function similar to the functions described in FIG. 5.

In summary, the present invention provides for a method and apparatus for regenerating and healing a live human or animal body. The apparatus can be comprised of at least one sensor (environmental sensor and/or body sensor); an electrical circuit generating alternative DC or DC square or trapezoidal waves with varying low frequency (about 1 to about 30 Hz) based on information received from the sensor(s), and a transducer or electromagnetic resonator creating an electromagnetic force based on the output of the electrical circuit and providing for a novel and effective way to rejuvenate (regenerate, heal, balance) live human and animal bodies. The above-described apparatus and method can preferably also be comprised with at least one varying component influenced by the information received from the sensor(s); and can produce a low frequency from about 1 Hz to about 30 Hz, preferably provided in a square or trapezoidal

wave form and/or can have an electromagnetic force intensity from about 0.001 Gauss to about 0.45 Gauss.

All measurements, amounts, frequencies, voltages, intensity amounts, sizes, shapes, percentages, configurations, securement or attachment mechanisms, dimensions, sealing members, numbers, ranges, part locations, values, percentages, materials, orientations, methods of manufacture, etc. discussed above or shown in the drawing figures are merely by way of example and are not considered limiting and other measurements, amounts, frequencies, voltages, intensity amounts, sizes, shapes, percentages, configurations, securement or attachment mechanisms, dimensions, sealing members, numbers, ranges, part locations, values, percentages, materials, orientations, methods of manufacture, etc. can be chosen and used and all are considered within the scope of the invention.

Furthermore, one or more features or characteristics discussed for one embodiment of the present invention can also be used with another of the above discussed embodiments of the present invention.

Though the present invention is preferably for use with human and mammals, it is also considered within the scope of the invention that the apparatus can be modified to account for body conditions of other types of living creatures, such as, but not limited to, dogs, horses, cats, reptiles, plants and therefore the concepts, methods and apparatuses of the present invention are also considered to include use with other types of living creatures.

Additionally, for any numerical ranges discussed above, any combination of numbers within the range can be used to create a smaller size range from the outer limits of the numerical range specified and all such smaller ranges are also considered to be within the scope of the invention, and also incorporated by reference without particularly listing each specific numerical values for the smaller ranges.

Unless feature(s), part(s), component(s), characteristic(s) or function(s) described in the specification or shown in the drawings for a claim element, claim step or claim term specifically appear in the claim with the claim element, claim step or claim term, then the inventor does not considered such feature(s), part(s), component(s), characteristic(s) or function(s) to be included for the claim element, claim step or claim

term in the claim for examination purposes and when and if the claim element, claim step or claim term is interpreted or construed. Similarly, with respect to any “means for” elements in the claims, the inventor considers such language to require only the minimal amount of features, components, steps, or parts from the specification to achieve the function of the “means for” language and not all of the features, components, steps or parts describe in the specification that are related to the function of the “means for” language.

While the invention has been described and disclosed in certain terms and has disclosed certain embodiments or modifications, persons skilled in the art who have acquainted themselves with the invention, will appreciate that it is not necessarily limited by such terms, nor to the specific embodiments and modification disclosed herein. Thus, a wide variety of alternatives, suggested by the teachings herein, can be practiced without departing from the spirit of the invention, and rights to such alternatives are particularly reserved and considered within the scope of the invention.

CLAIMS

What is claimed is:

CLAIM 1. An apparatus for producing electromagnetic force and for varying the electromagnetic force and frequency based on changes to environmental conditions or conditions in a living human, animal, creature or plant, said apparatus comprising:

at least one environmental or body sensor;

an electrical circuit capable of generating a differential synchronized DC pulse, said electrical circuit in communication with said at least one environmental or body sensor, said electrical circuit capable of varying a frequency of its frequency output based on information received from said at least one environmental or body sensor;

a transducer or electromagnetic resonator in communication with the electrical circuit, said transducer or electromagnetic resonator creating electromagnetic force based on the frequency of the frequency output received from the electrical circuit; and

a power source in communication with said electrical circuit;

wherein changes in the information received from the at least one environmental or body sensor causes the electrical circuit to change the output frequency which causes changes in the electromagnetic force created by the transducer or electromagnetic resonator.

CLAIM 2. The apparatus for producing electromagnetic force of claim 1 wherein said at least one environmental or body sensor is a photo sensor.

CLAIM 3. The apparatus for producing electromagnetic force of claim 1 wherein said electrical circuit varying the frequency from between about 1 Hz to about 30 Hz based on information received from said at least one environmental or body sensor.

CLAIM 4. The apparatus for producing electromagnetic force of claim 1 wherein said transducer or electromagnetic resonator creating an electromagnetic force intensity between about 0.001 Gauss to about 0.45 Gauss.

CLAIM 5. The apparatus for producing electromagnetic force of claim 1 wherein said electrical circuit changes the frequency from Delta, Theta, Alpha to Beta based on information received from said at least one environmental or body sensor.

CLAIM 6. The apparatus for producing electromagnetic force of claim 1 wherein the differential synchronized DC pulse is in the form of a square wave, trapezoidal wave or triangle wave.

CLAIM 7. A method for producing electromagnetic force based on environmental conditions or conditions in a living human, animal, creature or plant, said method comprising:

- (a) receiving information from at least one environmental or body sensor;
- (b) generating a differential synchronized DC pulse based on information received from the at least one environmental or body sensor; and
- (c) creating an electromagnetic force based on a frequency of the differential synchronized DC pulse.

CLAIM 8. The method for producing electromagnetic force of claim 7 further comprising the step varying the frequency based on information received from the at least one environmental or body sensor.

CLAIM 9. The method for producing electromagnetic force of claim 7 further comprising the step of varying intensity of the electromagnetic force based on information received from the at least one environmental or body sensor.

CLAIM 10. The method for producing electromagnetic force of claim 7 further comprising the step varying the frequency based on information received from the at least one environmental or body sensor which causes changes in the electromagnetic force.

CLAIM 11. The method for producing electromagnetic force of claim 7 wherein the differential synchronized DC pulse is in the form of a square wave, trapezoidal wave or triangle wave.

CLAIM 12. The method for producing electromagnetic force of claim 7 wherein said differential synchronized DC pulse is generated by an electrical circuit.

CLAIM 13. The method for producing electromagnetic force of claim 7 wherein the electromagnetic force is created by a transducer or electromagnetic resonator.

ABSTRACT

An apparatus and method is provided for healing and regeneration of live human and animal bodies. The apparatus can include sensors for an environment and/or living body, an electrical circuit which can produce a square or trapezoidal wave that is delivered to a transducer for application, preferably timed at specific frequencies Delta, Theta, Alpha, to Beta, based on information received from one or more sensors.

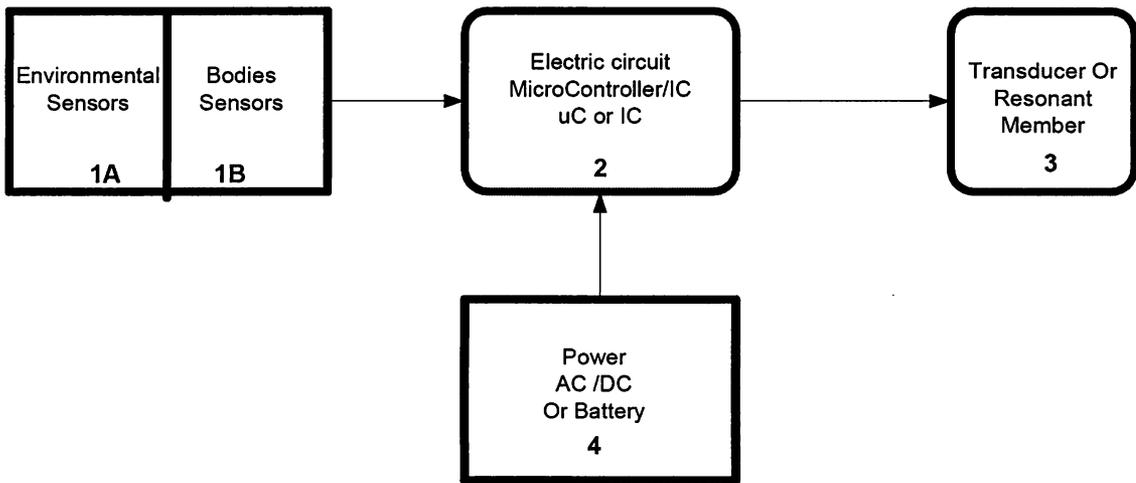


FIG.1

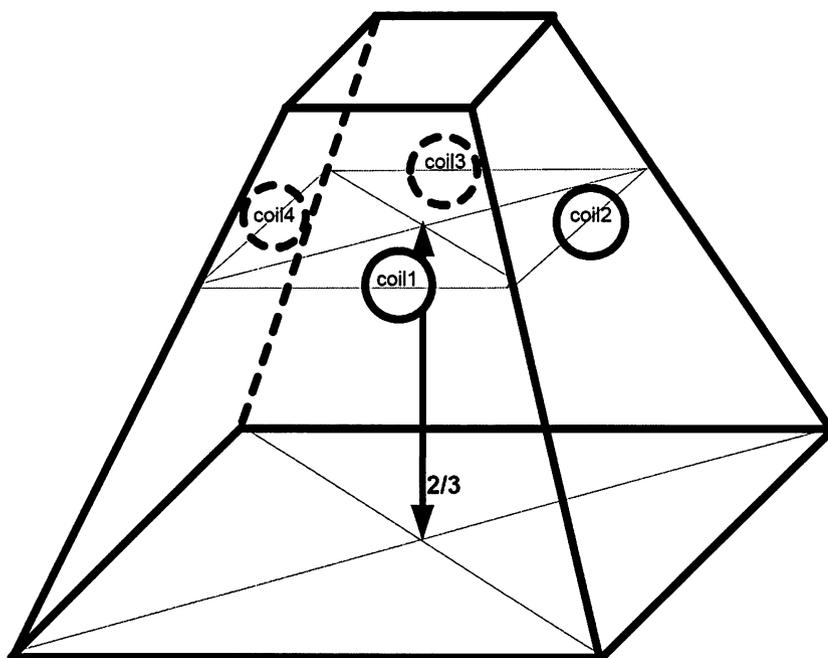


FIG.2

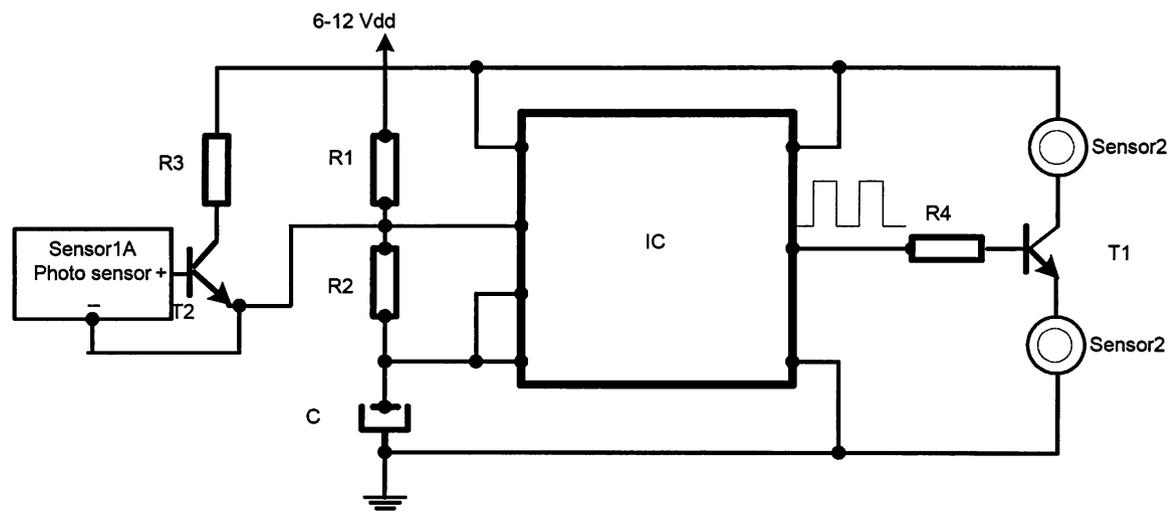
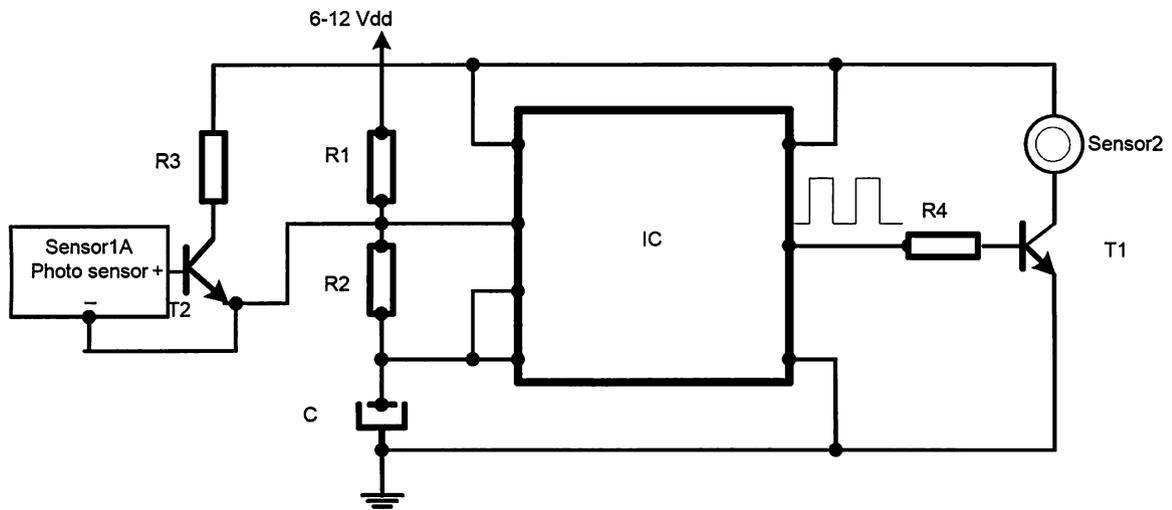


FIG.3

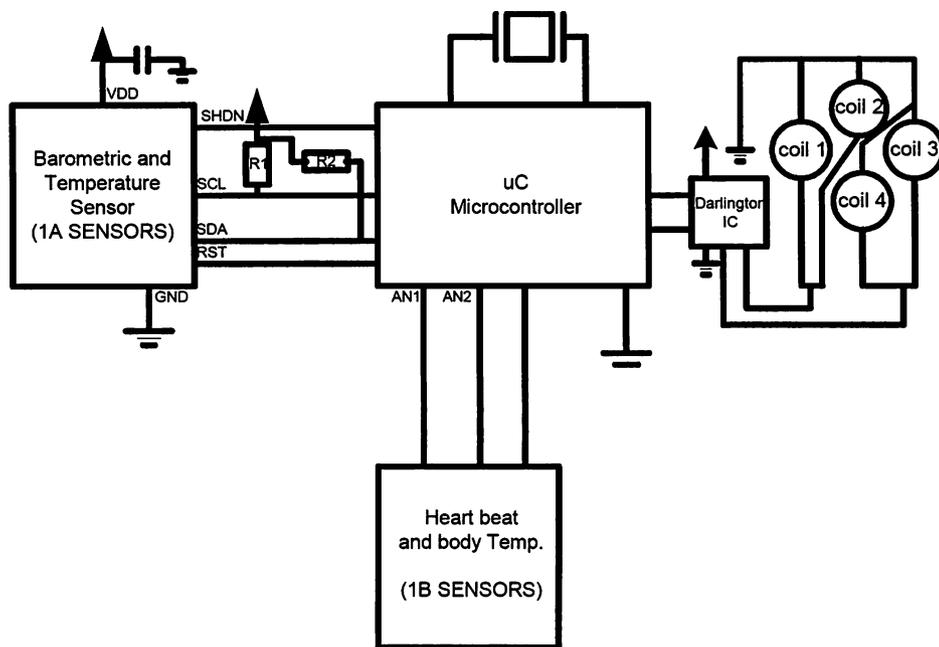


FIG4

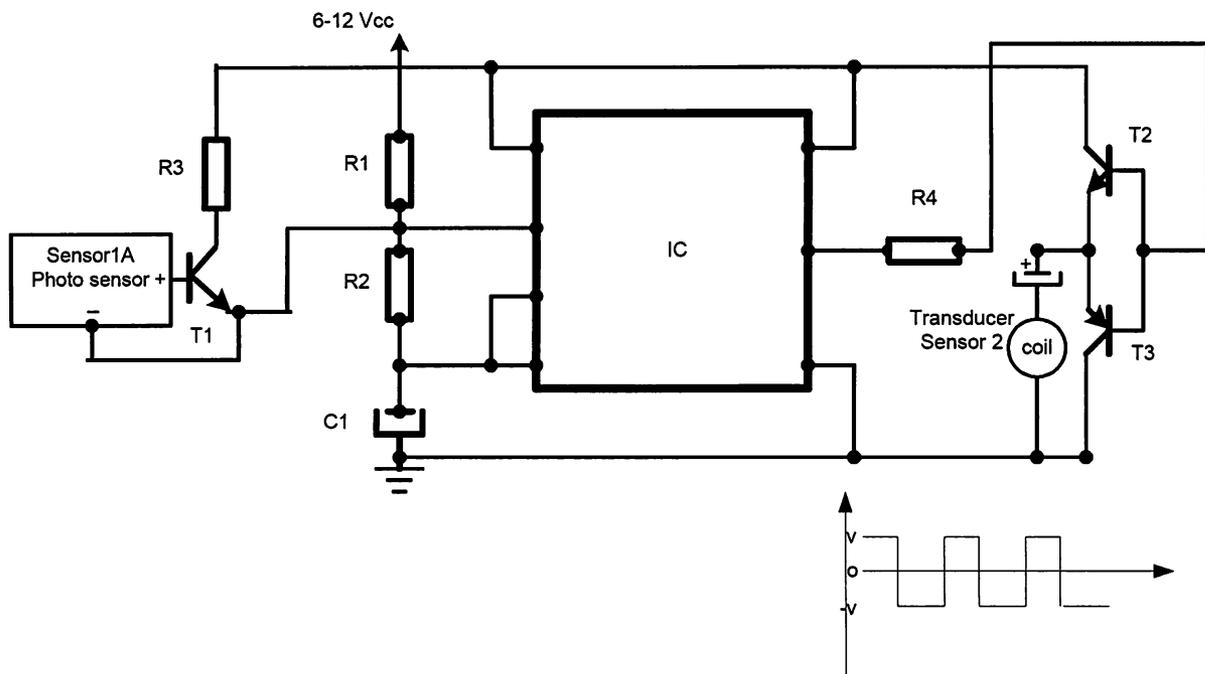


FIG.5