

1 magnetic waves. The originating source is not depleted or degraded as is common in conventional transformers.

BRIEF DESCRIPTION OF THE DRAWINGS:

5 The Dipole at right angle allows the magnetic flux surrounding it to intercept the capacitor plate or plates at right angle. The electrons present are spun such that the electrical component of electron is collected by the capacitor plates. Essential parts are the South and North component of an active Dipole. Examples here presented exist as fully functional prototypes and were engineer constructed and fully tested for utility by the Inventor. Corresponding parts are utilized in
10 each of the three examples as shown in the Drawings.

DRAWING 1 OF 4 : VIEW OF THE METHOD

N = North and S = South of the Dipole

1. North and South component of the Dipole.
2. Resonate High Voltage induction coil.
- 15 3. Dipoles electromagnetic wave emission.
4. Heaviside current component.
5. Dielectric separator for the capacitor plates
6. For purposes of the drawing, a virtual limit of the electromagnetic wave energy.
- 20 7. Capacitor plates, with dielectric in between.

DRAWING 2 OF 4 : COMPONENTS, 2A and 2B

2-A

1. Hole for mounting Dipole B-1.

- 1
2. Resonate high voltage induction coil.
 5. Dielectric separator, a thin sheet of plastic separating the capacitor sheets.
- 5
7. Capacitor sheets, upper is aluminum and lower is copper.
 8. Battery system, deep cycle.
 9. Inverter input Direct Current, output is 120 Volts at 60 cycles.
 10. Connector wires.
 12. Output to point of use being the load.

- 10
- 2-B N = North and S = South component of the Dipole
1. Metal rod, being soft magnetic metal such as iron.
 2. Resonate high voltage induction coil.
 10. Connector wires.
 11. High Voltage input energy source such as a neon tube transformer

- 15 DRAWING 3 OF 4 : Proof of Principal Device using a Plasma Tube as an active Dipole.

N = North and S = South Components of the active Dipole.

5. Dielectric separator of the capacitor plates.
 7. Upper capacitor plate, upper being aluminum and lower being copper.
- 20
10. Connector wires.
 15. Plasma Tube, 4 feet Length and 6 inches diameter.
 16. High Voltage Energy source for the active Plasma Dipole.
 17. Connector block, to outlet for testing and use.

DRAWING 4 OF 4 : Manufactures Prototype, Constructed and fully tested.

1. Metal Dipole rod.

- 1 2. Resonate High Voltage induction coil.
10. Connector wires.
17. Connector block for input from high voltage energy source.
18. Clamps for upper edge of capacitor packet.
- 5 19. Support Device for The Dipole Transformer Generator.
20. Packet of Capacitor Plates.
21. Output connectors of the capacitor, producing energy into a
 deep cycle battery which then powers the inverter.

BEST METHOD OF CARRYING OUT THE INVENTION:

- 10 The Invention is applicable to any and all electrical energy requirements.
The small size and it's high efficiency makes it an attractive option. It is
particularly attractive for remote areas, homes, office buildings, factories,
shopping centers, public places, transportation, water systems, electric
trains, boats, ships and all things small or great. Construction materials
15 are commonly available and the skill level required is moderate.

CLAIMS:

1. Radiated magnetic flux from the Dipole when intercepted by
 capacitor plates at right angle, changes to useful electrical energy.
2. A Device and method for converting for use, normally wasted
20 electromagnetic energy.
3. The Dipole of the Invention is any resonating substance such as
 Metal Rods, Coils and Plasma Tubes which have interacting
 Postive and Negative Componets.
4. The Resulting Heavyside current component is changed to useful
 electrical energy.

ABSTRACT

1

A Electromagnetic Dipole Device and Method, wherein radiated and wasted energy is transformed into useful energy. A Dipole as seen in Antenna Systems is adapted for use with capacitor plates such that the

5

Heavyside Current Component becomes a useful source of electrical energy.

10

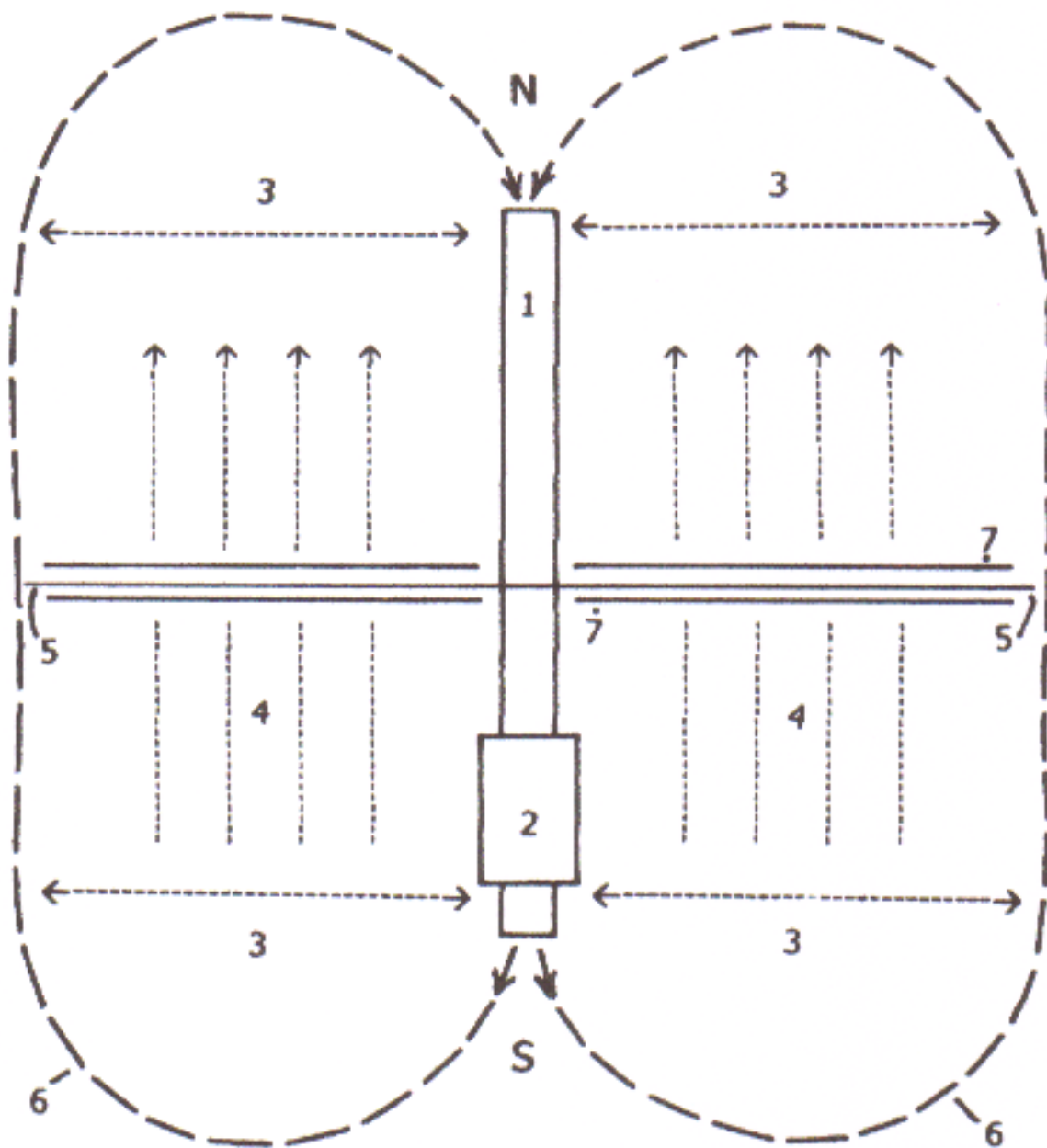
15

20

Dipole Transformer Generator

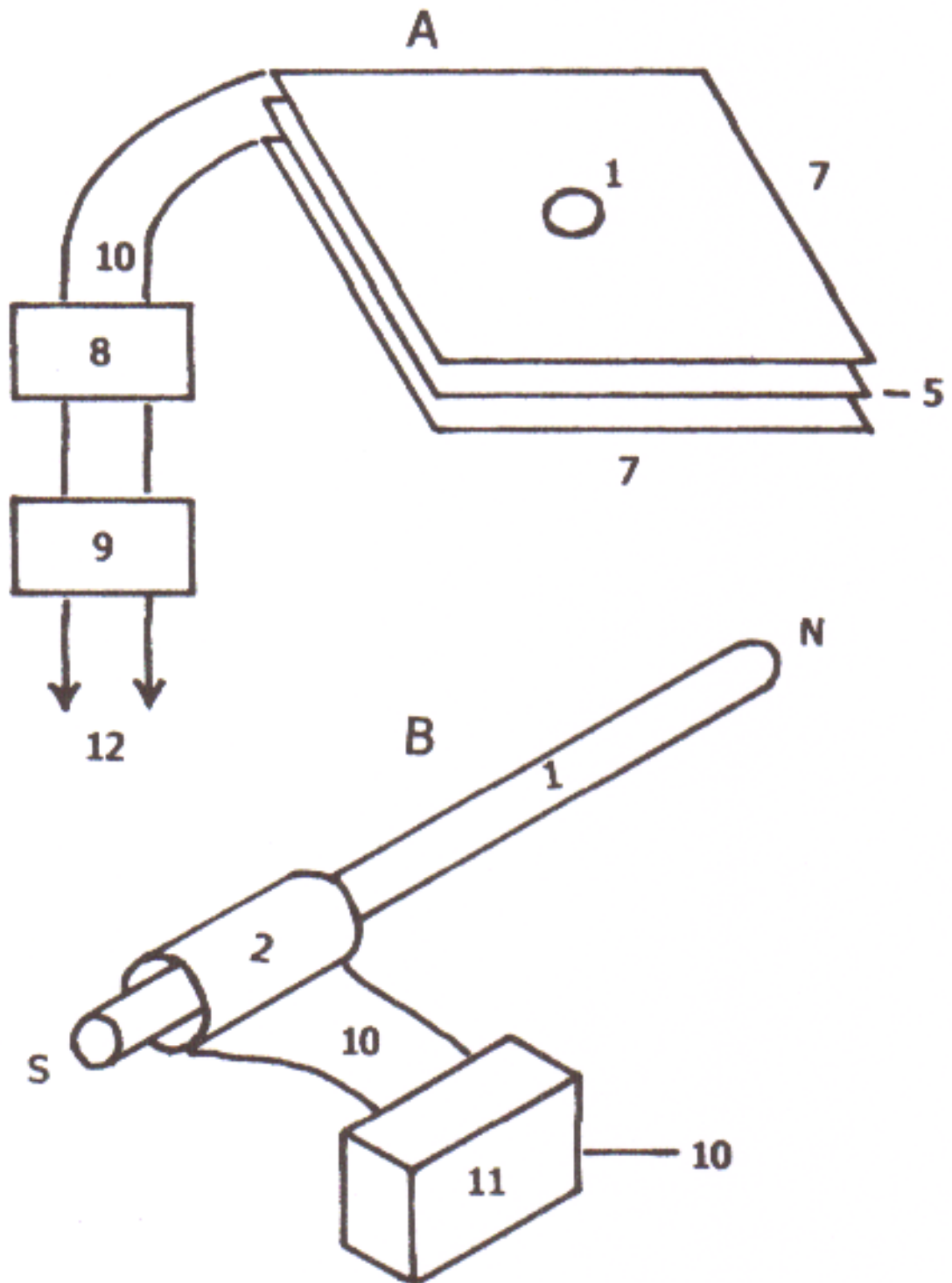
DRAWING 1 of 4

Not to Scale View of Method



Dipole Transformer Generator

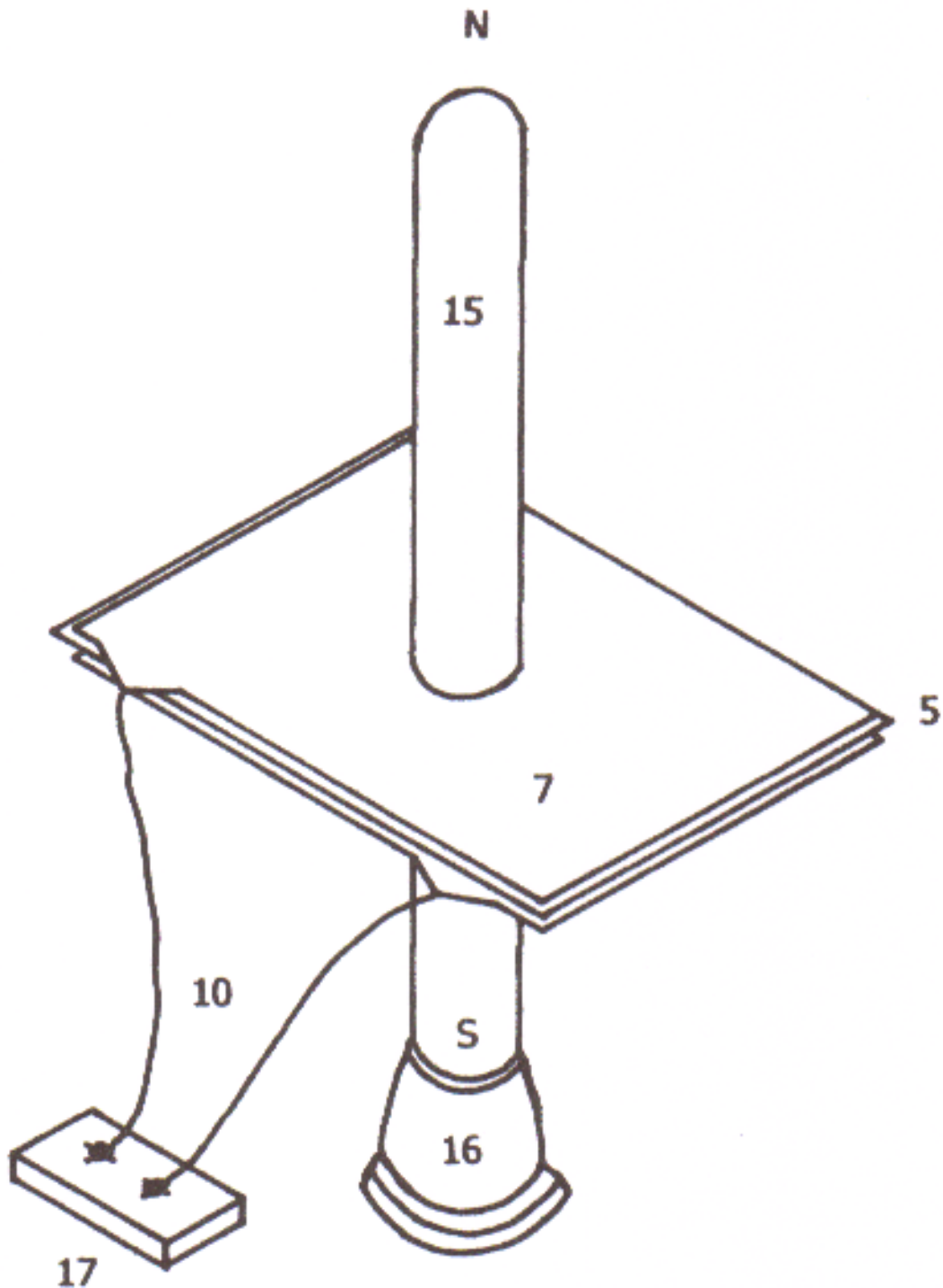
DRAWING 2 of 4
Not to Scale Components



Dipole Transformer Generator

DRAWING 3 of 4

Not to Scale Proof of Principle Device



Dipole Transformer Generator

DRAWING 4 of 4

Not to Scale Manufacture's Prototype

