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(19) **United States**(12) **Patent Application Publication**
Diaz(10) **Pub. No.: US 2007/0119148 A1**(43) **Pub. Date: May 31, 2007**(54) **METHOD AND SYSTEM FOR PRODUCING ELECTRICITY****Publication Classification**(76) Inventor: **Angel Severino Diaz**, Panama (PA)Correspondence Address:
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Bethesda, MD 20817 (US)(51) **Int. Cl.****G21D 7/02** (2006.01)**F03H 1/00** (2006.01)**H02K 44/00** (2006.01)(52) **U.S. Cl.** **60/203.1; 310/11**

(57)

ABSTRACT(21) Appl. No.: **11/440,456**(22) Filed: **May 25, 2006****Related U.S. Application Data**

(60) Provisional application No. 60/684,180, filed on May 25, 2005.

A method and system for producing electricity, and more particularly to a method of producing electricity by producing steam by directing Gamma rays generated by directing X-rays at a mass of Hafnium 178 onto a mass of water. The steam thereafter is channeled to a steam turbine generator to produce electricity.

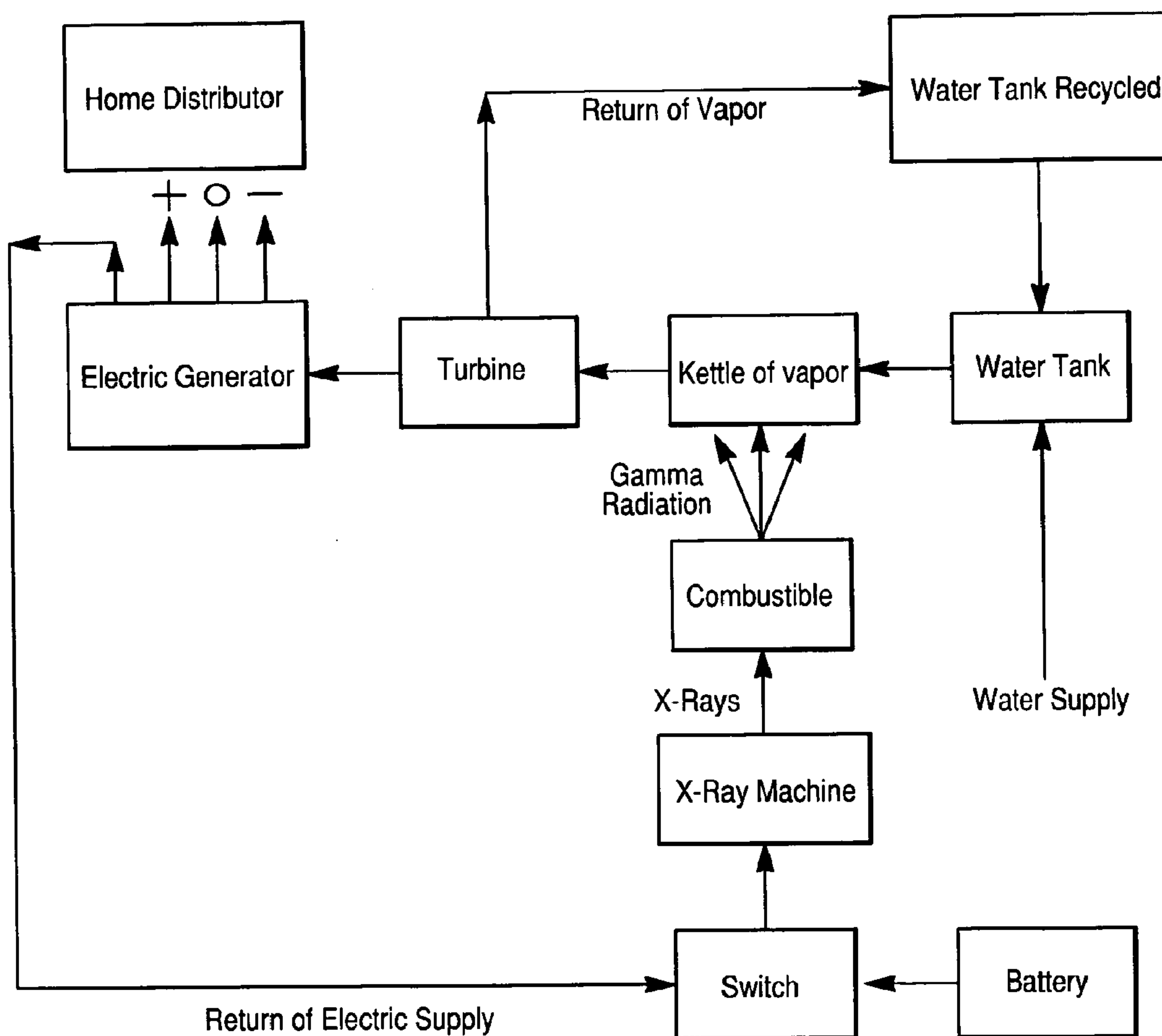


Fig. 1

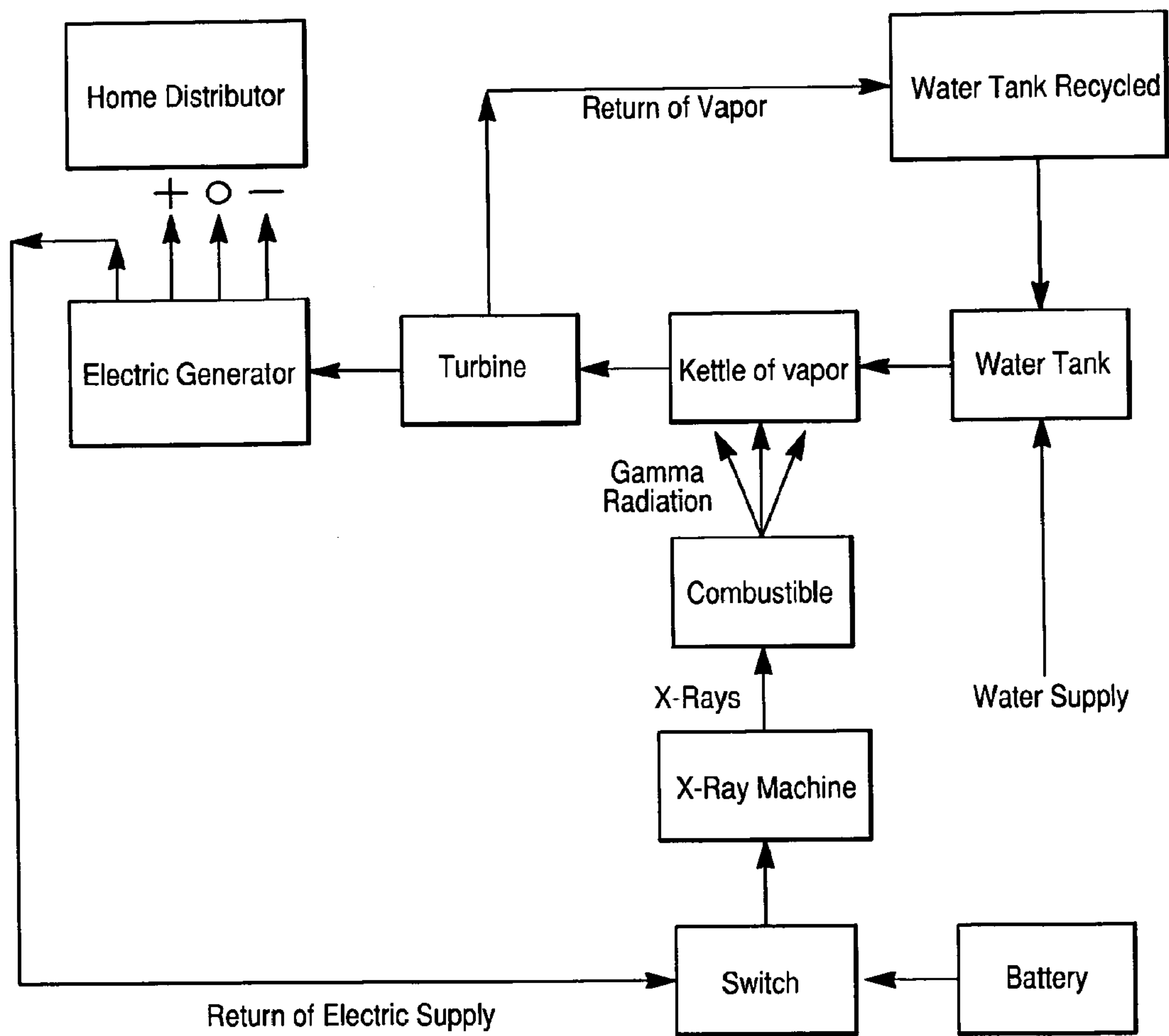
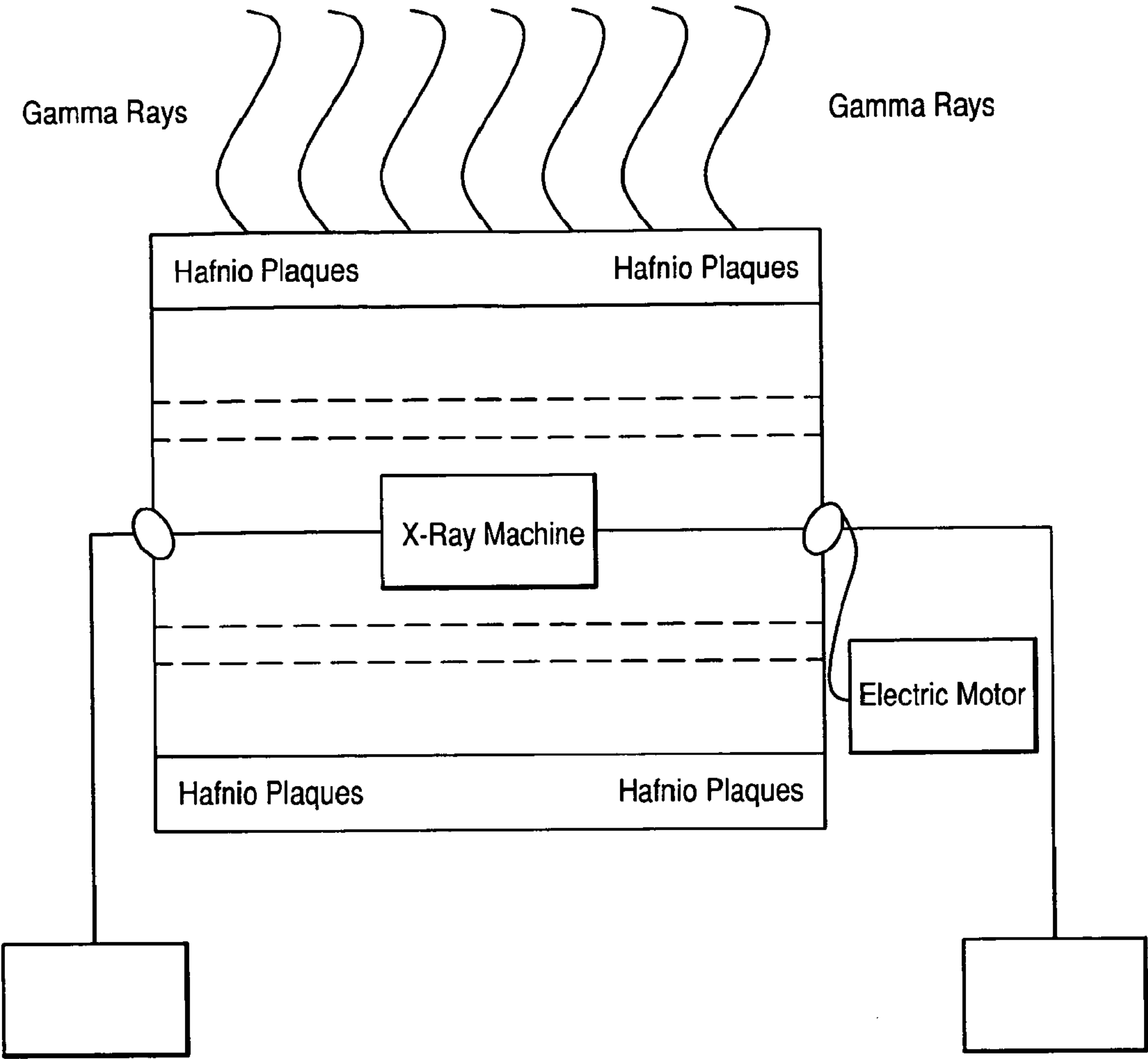


Fig. 2



METHOD AND SYSTEM FOR PRODUCING ELECTRICITY

[0001] This application claimed the benefit of U.S. provisional application 60/684,180 filed on May 25, 2005 and is hereby incorporated herein by reference.

FIELD OF THE INVENTION

[0002] The present invention is directed to a method of producing electricity, and more particularly to a method of producing electricity producing Gamma rays generated by directing X-rays at a mass of Hafnium 178.

BRIEF DESCRIPTION OF THE DRAWINGS

[0003] FIG. 1 depicts a diagram of the method of producing electricity according to the present invention.

DETAILED DESCRIPTION OF THE PREFERRED EMBODIMENT

[0004] FIG. 1 depicts a diagram of the present invention.

[0005] FIG. 2 depicts a preferred embodiment of the present invention.

[0006] Referring to FIG. 1, an X-ray machine is provided for generating X-rays. A battery source is provided for initially running the X-ray machine. The X-ray machine is initiated to generate X-rays. The generated X-rays are directed onto a mass of Hafnium which decreases the energy levels of the nucleus of the Hafnium atoms. This causes dramatic liberation of Gamma radiation. The Gamma rays are directed at a mass of water in a collecting tank. The water is heated by the Gamma rays thereby producing steam. Continued production of steam causes a build up in pressure and pressurized steam is channeled to a steam turbine which is in turn connected to a current generator. It is to be understood that steam turbines and electrical generators are well known in the art and need not be elaborated. Once the turbine and current generator are running efficiently, the X-ray machine is run by the produced current and the battery source disconnected via the interrupter. The same current used by the generator and carried to a switch, allows the X-ray machine to work as the circuit. Once the process begins to operate as a functioning circuit, the battery stops operating the circuit works independently. Excess electrical current produced by the generator may then be supplied to a desired electrical demand.

[0007] Water vapor exiting the turbine is fed to a condenser and subsequently returns water to the collecting tank where the cycle continued.

[0008] The radiation emitted by the X-ray machine and the Gamma rays emitted from the Hafnium-178 are not dangerous to Humans. The X-ray machine and Hafnium-178 are sealed within a protective cover similar to conventional covers employed to protect from microwaves. Hafnium is even more hermetic.

[0009] Referring to FIG. 2, the method may employ a vacuum room. The X-ray machine will be held on a steady base. The Hafnium-178 plaques are joined to a module in which this module will be held with a magnetic bearing. The module with the magnetic bearing will be joined with an electric motor that will help the Hafnium-178 plaques rotate around the X-ray machine. These plaques will be hit individually by the X-rays making the Hafnium-178 molecules to become excited. These excited molecules of the Hafnium-178 will let free the gamma rays that are going to hit the boiler of steam. This steam will turn a turbine that will make the electrical generator give electricity to the community.

[0010] The present invention thus creates an efficient and clean method of producing electricity. While the best mode for carrying out the invention has been described, those familiar with the art to which this invention relates will recognize various alternatives, designs and embodiments for practicing the present invention as defined by the following claims.

What is claimed is:

1. A method of producing electricity comprising the steps of:

energizing an x-ray machine to produce x-rays;

directing said X-rays onto a mass of Hafnium-178 thereby producing Gamma radiation;

directing said Gamma radiation at a mass of water causing said water to heat and produce steam; and

channeling said steam to a steam turbine connected to an electric generator, wherein said steam drives said steam turbine and said electrical generator to produce electricity.

2. A method of producing Gamma radiation, said method comprising the steps of:

energizing an x-ray machine to produce X-rays; and

directing said x-rays at a mass of Hafnium.

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