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(54) **ELECTROMECHANICAL APPARATUS  
CAPABLE OF CONTINUOUSLY AND  
UNCONSCIOUSLY EXTRACTING ELECTRIC  
POWER FROM DAILY ACTIVITIES**

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(71) Applicant: **Panasonic Intellectual Property  
Management Co., Ltd., Osaka (JP)**

(72) Inventor: **Hideaki ABE, Osaka (JP)**

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(57) **ABSTRACT**

A gear mechanism has an input shaft and transmits rotation of the input shaft. A generator generates electric power in response to the rotation transmitted by the gear mechanism. A pendulum is connected to the input shaft of the gear mechanism. A frame is provided at a fixed position relative to the gear mechanism and the generator. An elastic body supports the pendulum with respect to the frame so as to generate a restoring force to a predetermined position. The pendulum swings about the input shaft of the gear mechanism in response to shaking of a whole of an electromechanical apparatus, or in response to the restoring force of the elastic body, and the generator generates the electric power in response to swinging of the pendulum.

