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[Inventor Patents Kinetic Powered Mobile Phone](#)

Transforming kinetic energy to electrical energy

Each mobile phone manufacturer has its own way of trying to improve battery life, and most of them are creating more efficient versions of the batteries they are currently using in their products. An inventor has taken a different approach to this, which will probably lead to a better result, and has patented a phone powered by kinetic energy. Now this is not an entirely new idea, and a mobile phone that recharges by transforming kinetic energy, [the Yoyo](#), has been presented by Modelabs, although at the moment it is still a concept. The technology has also been used in the Everlite Kinetic Torch that just needs 30 seconds worth of shaking to give 1 hour of light. The patent describes how the kinetic technology powers the mobile phone and charges the battery while the handset is moving. Of course, this would mean that the recharging of the phone depended upon the movement of the user, which might be inconvenient for the type of user with an office job that never leaves his/her desk. Nevertheless, it would be great for users that are always on the move. Here's what the abstract states: "A wireless electronic device with a kinetic energy to electrical-energy converter is disclosed. In one embodiment, the wireless electronic device comprises a control mechanism, a kinetic energy to electrical energy converter, and a movable user interface element, wherein movement of the movable user interface element provides both signal information to the control mechanism and kinetic energy to the kinetic energy to electrical energy converter. The kinetic-energy-to-electrical-energy converter converts kinetic energy provided by movement of the movable user interface element to electrical energy and provides the electrical energy to the wireless electronic device."