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## (54) Title of the invention : GREE ENERGY EMERGENCY SMART MOBILE PHONE CHARGER WITH RADIATION PROTECTOR

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## (57) Abstract:

The energy produced by piezoelectricity may be employed, just like any other type of electrical current, but its output is relatively constrained; it is only around 20 watts (in comparison, a mobile phone charges at 15 watts). Electric generators must be positioned in high-traffic places, such as the lobby of buildings, a subway station, or a gym's weight room, in order to utilize this power. The energy funneled via the system is used relatively near to where it is generated in order to prevent losses across long distances. Frequently within a few meters. For instance, it can supply power to neighboring phone gadgets. The International Atomic Energy Agency (IAEA) defines radiation protection as "the protection of individuals against detrimental consequences of exposure to ionizing radiation, and the means of doing this." Radiation protection is also known as radiological protection. Internal irradiation can be produced by the ingestion of radioactive contaminants or it can result from exposure to radiation that comes from a source that is outside of the human body. Because we use a word green energy mobile charger and radiation protector it means This gadget is ecofriendly with environment as well as for our health also because it is save from harmful radiation also. Here we also providing radiation protector. What this phrase means is that, as a result of the rising levels of pollution in modern times, there is a greater risk of exposure to various types of radiation, which can lead to a variety of diseases that are harmful to our bodies. In order to mitigate this risk, we offer radiation protector device alongside our gadget called "Green energy emergency smart mobile phone charger with radiation protector". The material used to make this shoes will be water-resistant and able to withstand changes in weather, and both pieces of equipment will be set up so they can function without drawing attention to themselves. Canvas, nylon, and polyvinylchloride (PVC) are a few examples of natural or polymer textiles that are frequently used for this design. Canvas is typically made of cotton. A materials is a "structured substance," often formed as a flat, flexible sheet, by weaving or knitting bundles of material together; in some cases, the method just tangles the material, which causes friction to hold the materials together. The weave of many textiles is covered on both sides by polymer films during the multi-layer composite manufacturing process (this could be to give protection to the material, to provide waterproofing, or to change the appearance of the materials).

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