

Samsung applies for a patent for a 'smart charging ring' that can charge a smartphone's battery, drawing energy from the person themselves.

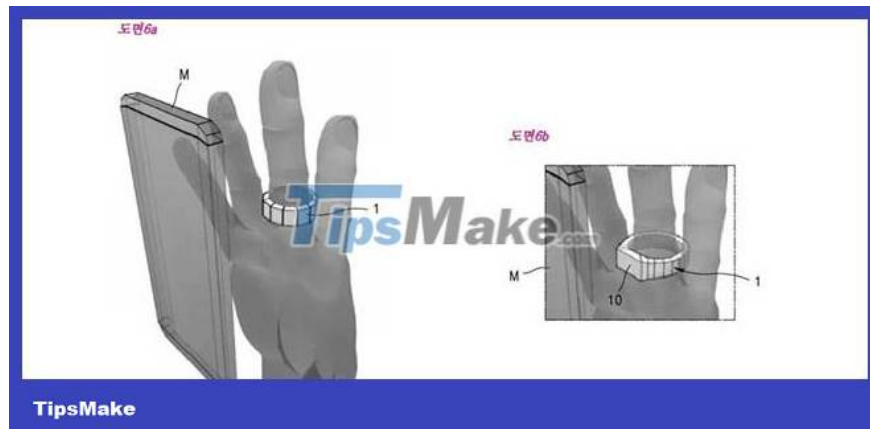
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As mobile devices become more and more powerful in both configuration and features, having a battery life good enough to meet the power needs from the hardware is becoming a difficult challenge for most manufacturers today. Batteries are a 'low-lying area' in the technology sector in general, and that is why companies do not hesitate to invest in developing and improving fast charging technology as well as wireless charging to bring convenience. maximum for users.

In addition, with devices becoming thinner and thinner, accessories such as backup batteries are also becoming more popular and diverse. The world's largest smartphone manufacturer Samsung has just introduced a unique idea of ??a 'one of a kind' backup battery with a design just like a normal wrist ring.

Samsung's recently filed patent application has revealed that the Korean tech giant appears to be working on developing a completely new battery backup model shaped like a smartphone. ring, can be worn on the finger and possesses the ability to automatically charge electricity from daily operations, movements and gestures when the user wears it on their hand. In essence, this is not a small backup battery that recharges by plugging in the charger as usual, but instead it uses a magnetic disc inside the rotating ring that can move around when the person's hand Use movement and accumulate energy from there.





In other words, every movement from the wearer's hand (kinetic energy) will generate electricity, turning this tiny ring into a mini generator. Not stopping there, the device is also capable of turning heat emitted from the user's body into electricity. Samsung plans to equip this ring with a small battery to store the electricity generated before using it to charge other mobile devices.

Regarding charging, this ring can charge the smartphone via wireless charging protocol even when the device is in use. This means your ring finger should be positioned above where the wireless charging coils are located on the back of the phone.

Overall, this is just a patent and the road to a commercial product is still very far away, but it offers a glimpse of interesting ideas related to the world of electronic accessories in the future.

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