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(57) Abstract :
[023] The present invention discloses an electronic assembly based on the Power On The Go- POGO. The combination device, although it has a somewhat different design from standard p-n junction diodes, a solar cell is fundamentally a junction diode. On top of a somewhat thicker n-type semiconductor, a very thin layer of p-type semiconductor is formed. A battery can be charged using this cell as the source. Lithium ions can be intercalated and deintercalated between positive and negative electrode materials.

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