

(54) Title of the invention : MAGNETIC LIQUID BASED SELF-CHARGING BATTERY AND METHOD OF SELF- CHARGING

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(57) Abstract :

A novel self-charging battery using magnetic liquid is developed by the inventors. The said self-charging battery, for energy harvesting consists of ~electrodes™, ~magnet™, and ~magnetic-liquid™. Battery works like an ordinary battery and uses magnets to self-charge. Hence eliminates the need of external charging. Self-charging capability makes it a self -sustainable battery. The battery will do the work of being both the energy harvester and storage element.

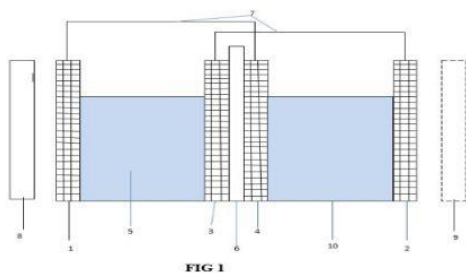


FIG 1

No. of Pages : 13 No. of Claims : 6