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(54) Title of the invention : DEVICE AND METHOD FOR POWER SUPPLY THROUGH AIR AS THE MEDIUM

(51) International classification	:H02J0050200000, H02J0007020000, H04B0005000000, B64C0039020000, H03M0013090000	(71)Name of Applicant : 1)DEVINENI PAVAN Address of Applicant :CMR College of Engineering & Technology, Kandlakoya(V), Medchal Road, Hyderabad-501401, Telangana, India. Telangana India 2)Dr.V.A.Narayana 3)Dr. Deva Dasu Ghanta 4)Dr. Suresh Merugu 5)Prof.E.V.Purna Chandra Rao 6)Dr. Sarat Chandra Nayak
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(57) Abstract :

Exemplary embodiments of the present disclosure are directed towards a device for power supply through air as the medium for charging a drone with a transmitter section, receiver section and a micro-strip antenna, and the transmitter section generates the power in the form of electrical waves through a process known as series resonance and at the receiver station the waves generated from the transmitter section are received and then converted to the electrical waves through receiver antenna, and a micro strip antenna receives radio frequency (RF) waves at the receiving end and converts them to electrical waves. FIG. 1

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