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(54) Title of the invention : WIRELESS POWER TRANSMISSION SYSTEM AND METHOD EMPLOYED THEREOF

<p>(51) International classification</p> <p>(31) Priority Document No</p> <p>(32) Priority Date</p> <p>(33) Name of priority country</p> <p>(86) International Application No</p> <p style="padding-left: 20px;">Filing Date</p> <p>(87) International Publication No</p> <p>(61) Patent of Addition to Application Number</p> <p style="padding-left: 20px;">Filing Date</p> <p>(62) Divisional to Application Number</p> <p style="padding-left: 20px;">Filing Date</p>	<p>(71)Name of Applicant :</p> <p>1)M.AKASH, Address of Applicant :CMR College of Engineering & Technology, Kandlakoya(V), Medchal Road, Hyderabad-501401, Telangana, India. Telangana India</p> <p>2)V.DEEPAK REDDY</p> <p>3)K.TEJA</p> <p>4)K.BHANU HEMANTH</p> <p>5)DANDOLE SHAM RAO SANJEEV</p> <p>6)S. KRISHNAVENI</p> <p>7)CH.RAJENDRA PRASAD</p> <p>8)CH.RAJA KISHORE BABU</p> <p>(72)Name of Inventor :</p> <p>1)M.AKASH,</p> <p>2)V.DEEPAK REDDY</p> <p>3)K.TEJA</p> <p>4)K.BHANU HEMANTH</p> <p>5)DANDOLE SHAM RAO SANJEEV</p> <p>6)S. KRISHNAVENI</p> <p>7)CH.RAJENDRA PRASAD</p> <p>8)CH.RAJA KISHORE BABU</p>
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(57) Abstract :

Exemplary embodiments of the present disclosure are directed towards a wireless power transmission system and method employed thereof. The system includes a tower setting up a receiver configured to recognize the frequency emitted by a transmitter and an inductive coupling with a first coil is configured to move an electrical current through a wire, creating a circular magnetic field around the wire, and bending the wire into the first coil amplifies the magnetic field. The system comprises a secondary coil of the wire in the magnetic field is created in the field is induce a current in the wire which is connected to the secondary coil and a transformer comprising coils are in very close proximity and a ferrite material to increase the coupling, resulting in the inductive chargers having air gap between the coils used for the wireless power transmission within the cover range area. Fig. 1A

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