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(19) **United States**(12) **Patent Application Publication**  
**PARK**(10) **Pub. No.: US 2022/0352754 A1**(43) **Pub. Date: Nov. 3, 2022**(54) **METHOD AND APPARATUS FOR  
PERFORMING COMMUNICATION IN  
WIRELESS POWER TRANSMISSION  
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(57)

**ABSTRACT**

A wireless power transmitter and a wireless power receiver are discussed. The wireless power transmitter can include a power converter configured to transfer wireless power to a wireless power receiver, and a communicator/controller configured to control the wireless power. The wireless power transmitter can receive a received power (RP) packet which informs a received power value, transmit in response to the RP packet a bit pattern related to requesting permission to communicate, receive a response packet which invites the wireless power transmitter to send a data packet, transmit a specific packet includes a specific power level in response to the response packet, and negotiate a guaranteed power level with the wireless power receiver. The guaranteed power level can be less than or equal to the specific power level.

