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(71) Applicant: **OMRON Corporation**, Kyoto-shi,
KYOTO (JP)

(72) Inventor: **Takeshi KIRIBUCHI**, Kyoto-shi,
KYOTO (JP)

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(57) **ABSTRACT**

Provided is a power supply system (9) that includes at least one electric motor (93) including a power transmitter (931) configured to transmit power via a contactless power supply method to a load device (95) to be supplied with power and at least one load device (95) including a power receiver (951) configured to receive the power transmitted from the power transmitter.

