NON-CONTACT POWER SUPPLY SYSTEM, POWER RECEPTION APPARATUS FOR NON-CONTACT POWER SUPPLY, AND SIGNAL TRANSMISSION METHOD REGARDING START OF NON-CONTACT POWER SUPPLY BY POWER RECEPTION APPARATUS FOR NON-CONTACT POWER SUPPLY

ABSTRACT

Included are: a power reception apparatus (2), including: a reception antenna (211) capable of receiving power from any of multiple transmission antennas (11) in a non-contact manner; a power supply unit (25); and an activation signal transmitting unit (221) for transmitting an activation signal to a power transmission device (1, 1a) when supplied with power from the power supply unit (25) and an operation instruction is received; and the power transmission device (1, 1a) including: an activation signal receiving unit (1051) for receiving the activation signal; a power transmission unit (1042) for starting power supply to the multiple transmission antennas (11) when the activation signal is received; and an antenna determination unit (1043) for determining a power transmission target antenna, in which non-contact power supply to the reception antenna (211) of the power reception apparatus (2) is performed with the power transmission unit (1042) supplying power to the power transmission target antenna.

FIGS. 2A, 2B, 2C