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(54) **RESONANCE-TYPE NON-CONTACT POWER SUPPLY SYSTEM**

(57) Power supply equipment (10) is provided with an AC power source (11) and a primary side resonance coil (13b) which receives a power supply from the AC power source. Movable body equipment (20) is provided with: a secondary side resonance coil (21 b) which receives power from the primary side resonance coil; a rectifier (23) which rectifies the received power; a charger (24) to which the rectified power is supplied; and an electrical storage device (25) which is connected to the charger. The movable body equipment (20) is further provided with: a matching unit (22) which is provided between the secondary side resonance coil (21 b) and the rectifier (23); a power supply determination unit (26) which determines whether or not power is being supplied to the

movable body equipment (20) from the power supply equipment (10); a power reception determination unit (26) which determines whether or not the movable body equipment is receiving power from the power supply equipment; and a control unit (26) which changes, on the basis of the determination information from both the power supply determination unit and the power reception determination unit, the matching unit to a mismatch state if power is being supplied to the movable body equipment even though the movable body equipment is in a state in which the reception of power from the power supply equipment should be refused.

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Fig.1

