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Sakuma(10) **Pub. No.: US 2010/0007215 A1**(43) **Pub. Date: Jan. 14, 2010**(54) **SOFT MAGNETIC SHEET, MODULE
INCLUDING THE SHEET AND
NON-CONTACT POWER TRANSMISSION
SYSTEM INCLUDING THE MODULE**(30) **Foreign Application Priority Data**

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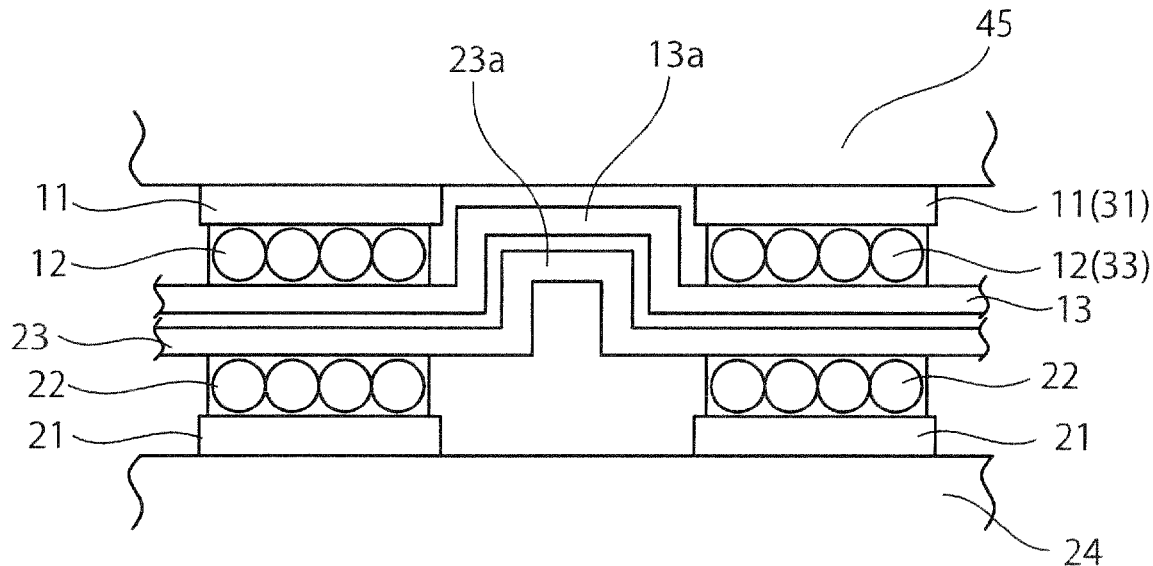
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H01F 3/10 (2006.01)(52) **U.S. Cl.** **307/104; 335/297**(57) **ABSTRACT**

A non-contact power transmission system comprises a power receiver and a power transmitter. The power transmitter includes a transmitter coil. The power receiver includes a module which comprises a coil sheet and a soft magnetic sheet stacked on the coil sheet. The coil sheet includes a receiver coil. Electric power is transmitted from the transmitter coil to the receiver coil. The soft magnetic sheet comprises a pair of insulation films and a soft magnetic member hermetically interposed between the insulation films.

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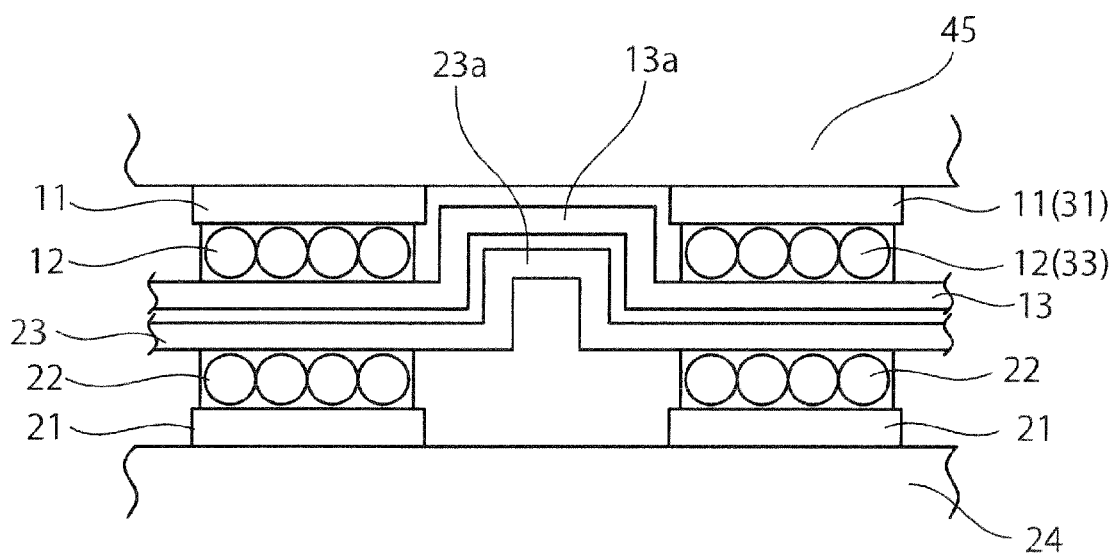


FIG.1

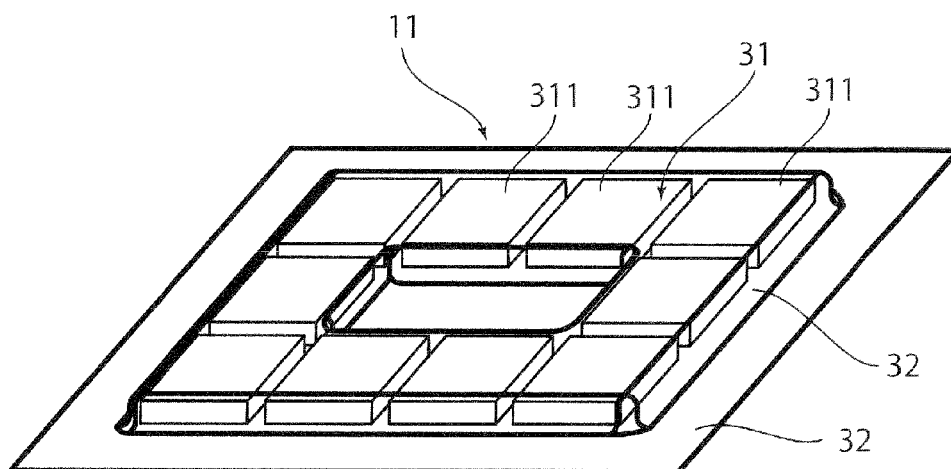


FIG. 2A

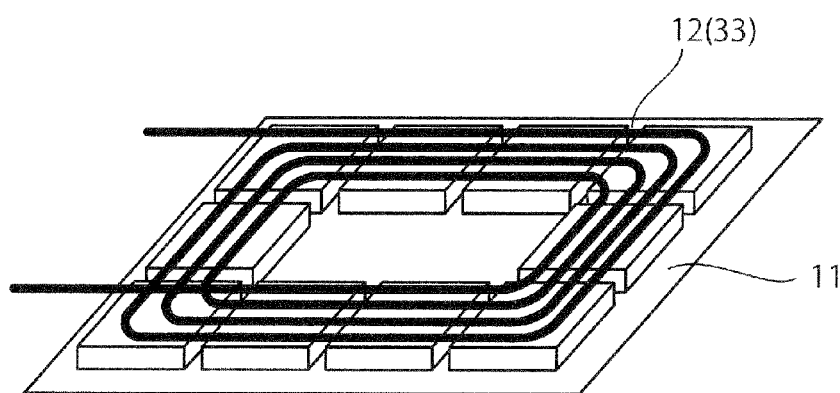


FIG. 2B

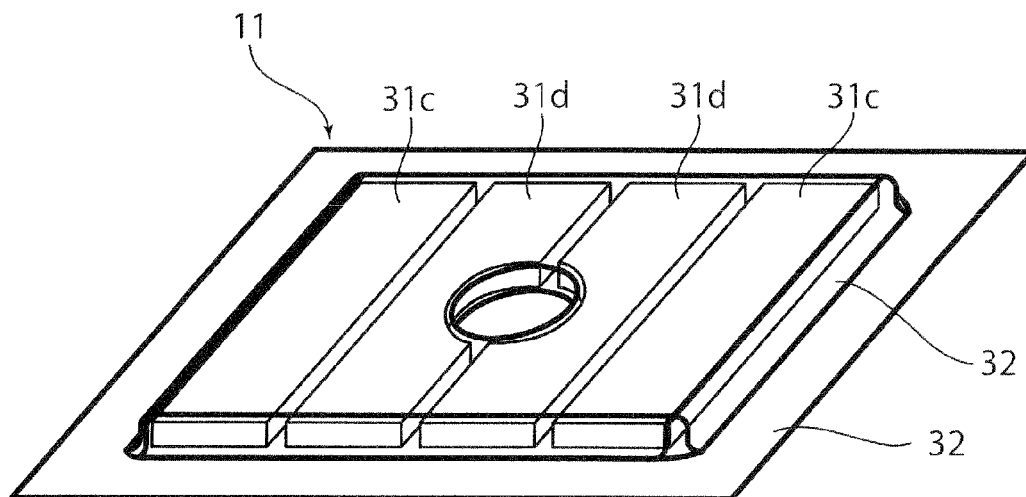


FIG.3A

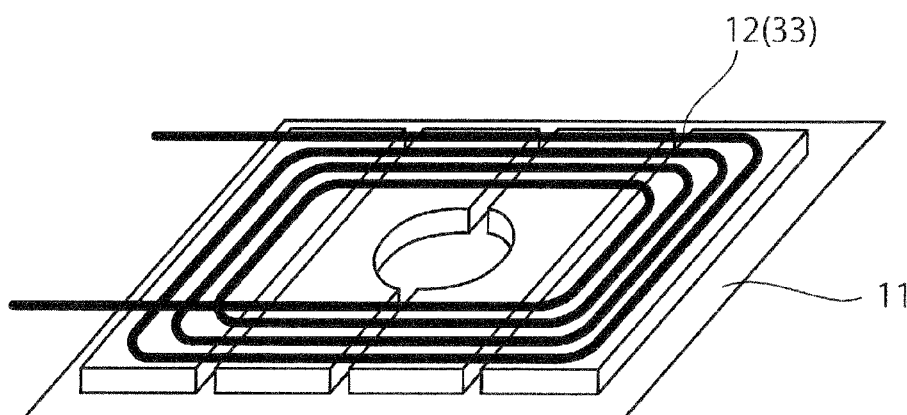


FIG.3B

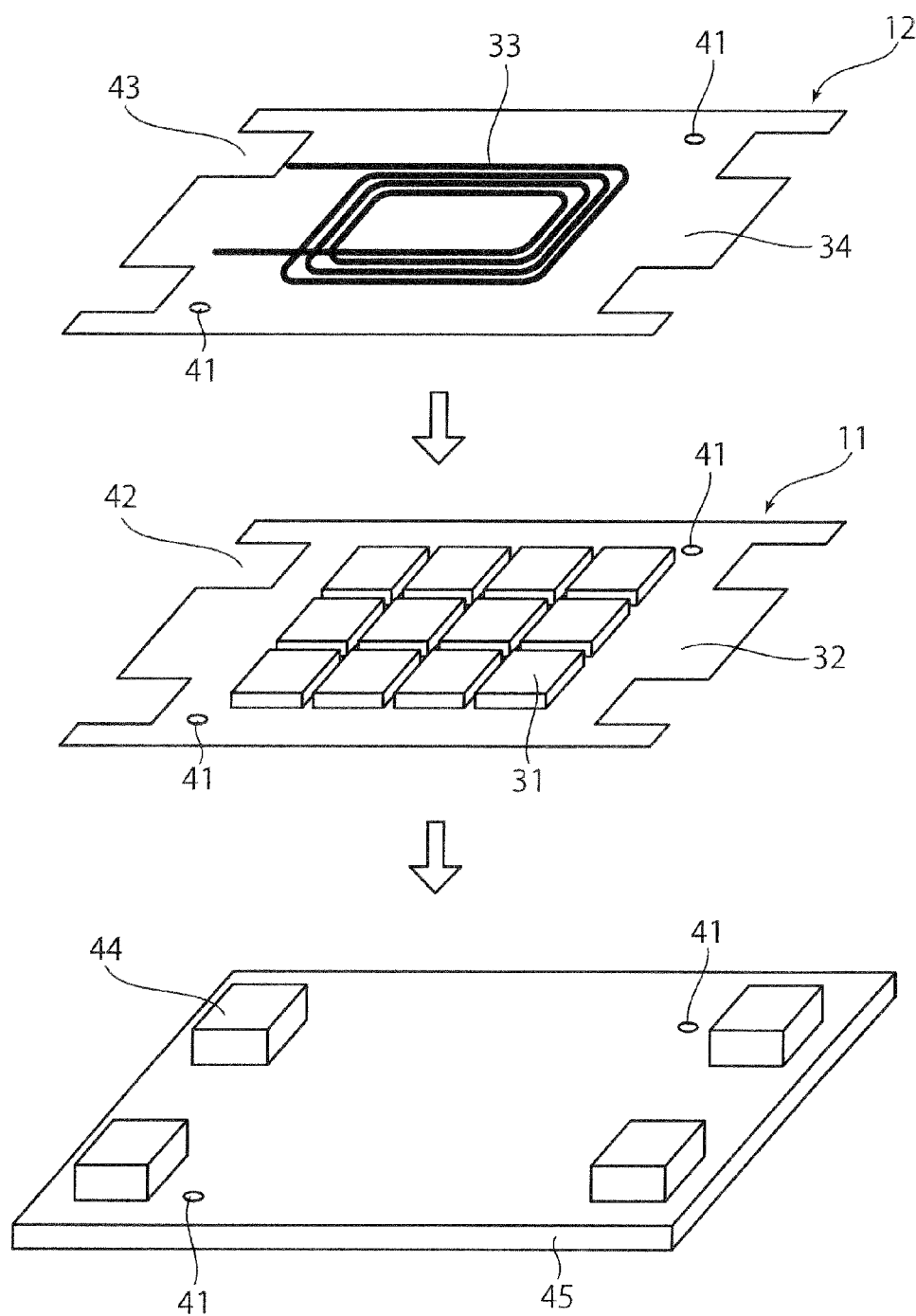


FIG.4

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