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(54) **COIL UNIT AND ELECTRONIC APPARATUS USING THE SAME**

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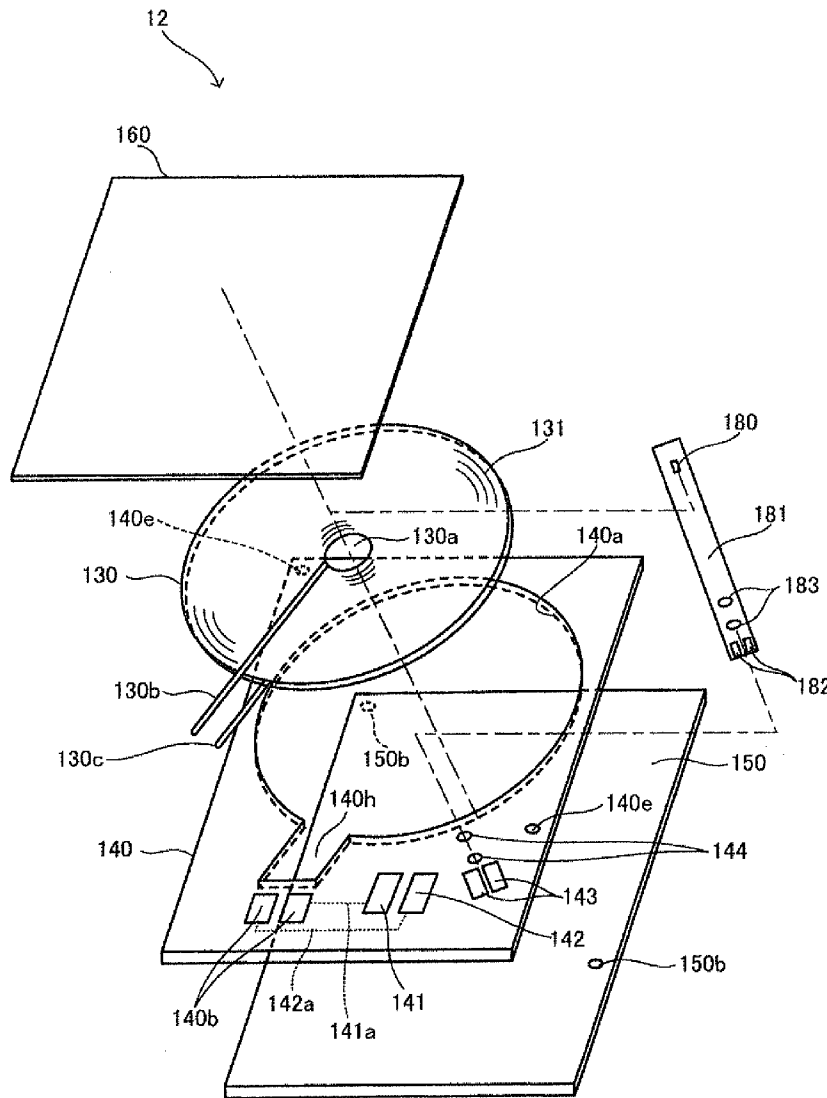
(57) **ABSTRACT**

A coil unit includes a coil formed by winding a coil wire, a wiring substrate, and a magnetic substance for receiving magnetic lines of force generated by the coil. The wiring substrate includes a connection terminal connected to both ends of the coil, an external connection terminal, and a wiring pattern for connecting the connection terminal and the external connection terminal. No circuit element other than the coil is mounted on the wiring substrate.

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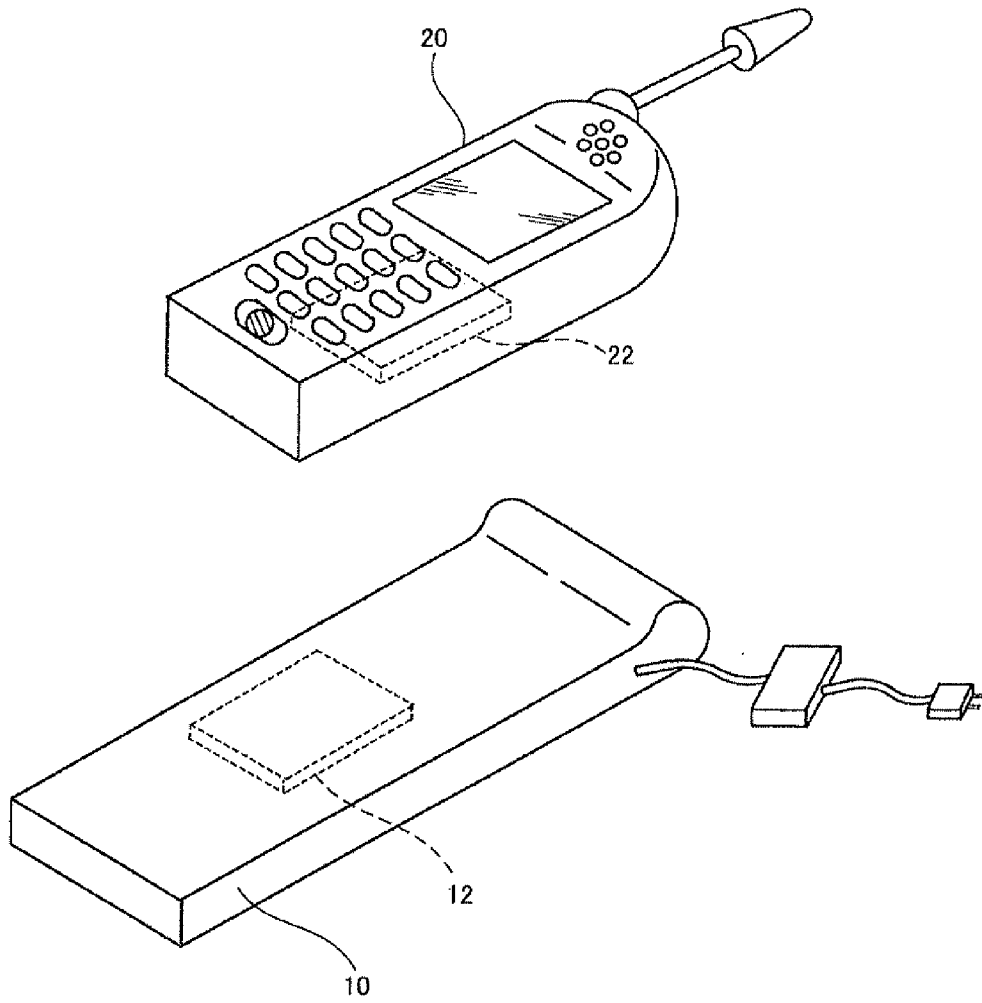


FIG. 1

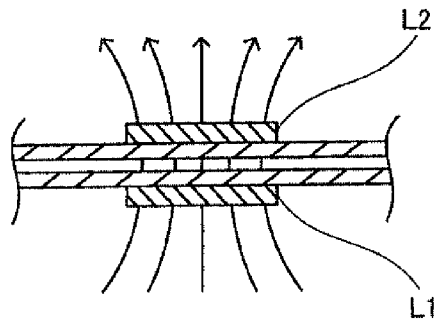


FIG. 2

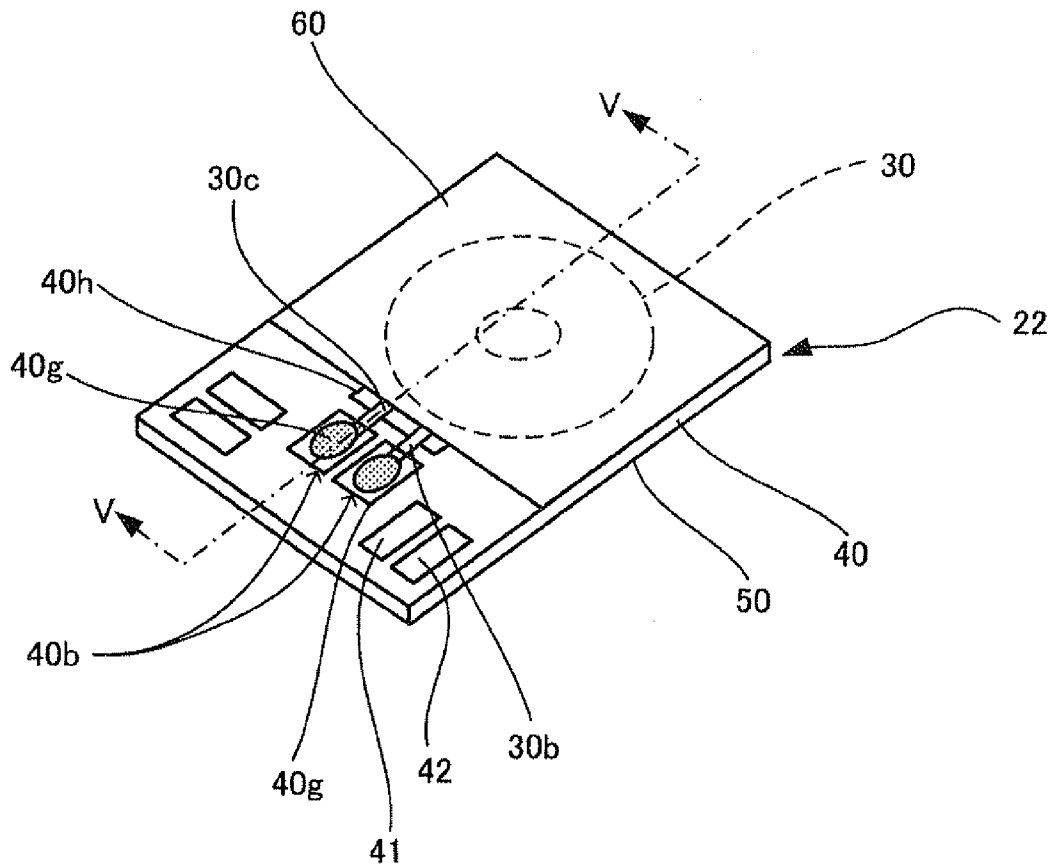


FIG. 3

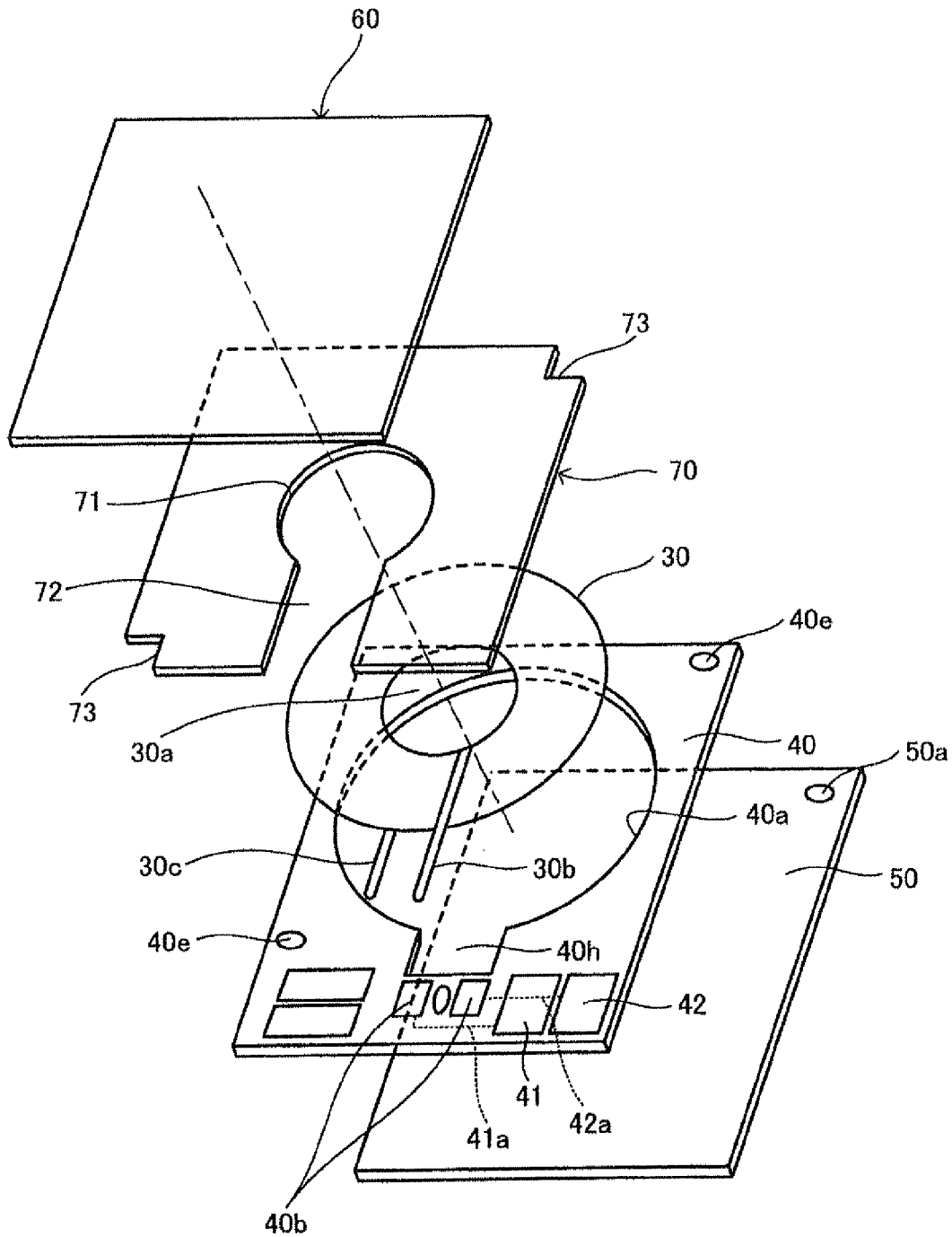


FIG. 4

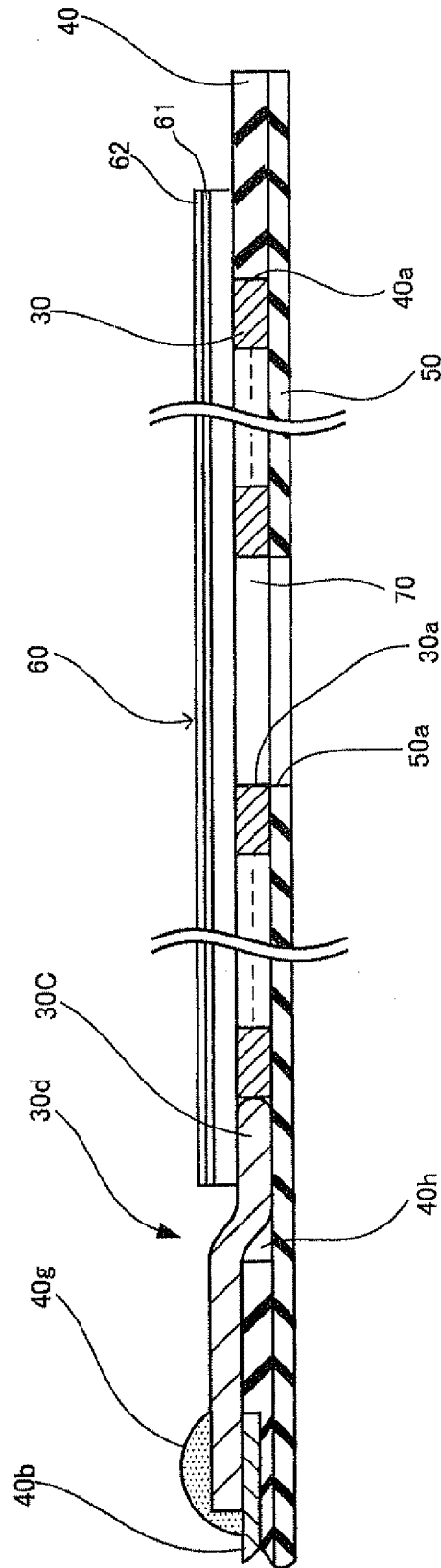


FIG. 5

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