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

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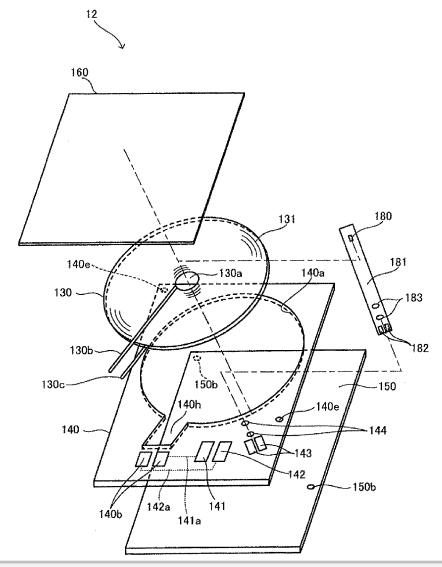
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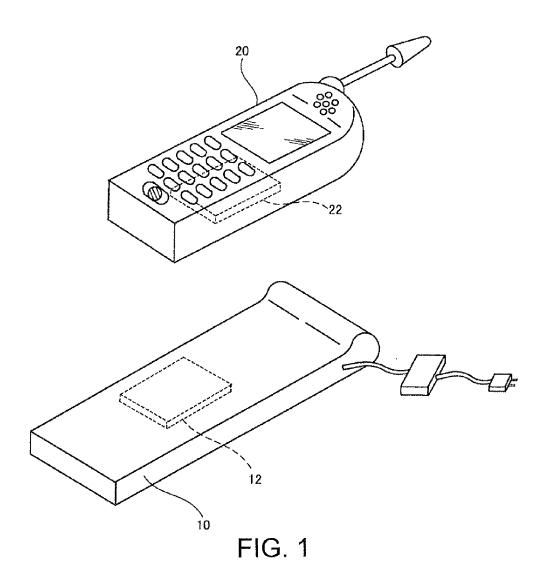
**H01F 27/28** (2006.01)

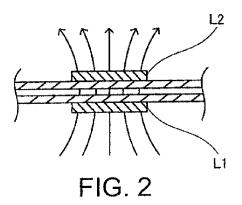
(57) ABSTRACT

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.











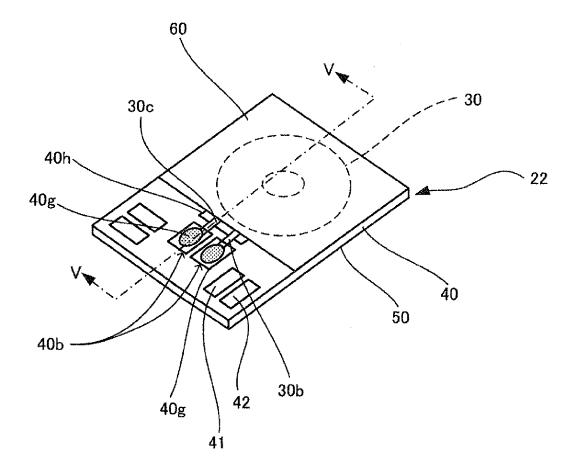


FIG. 3

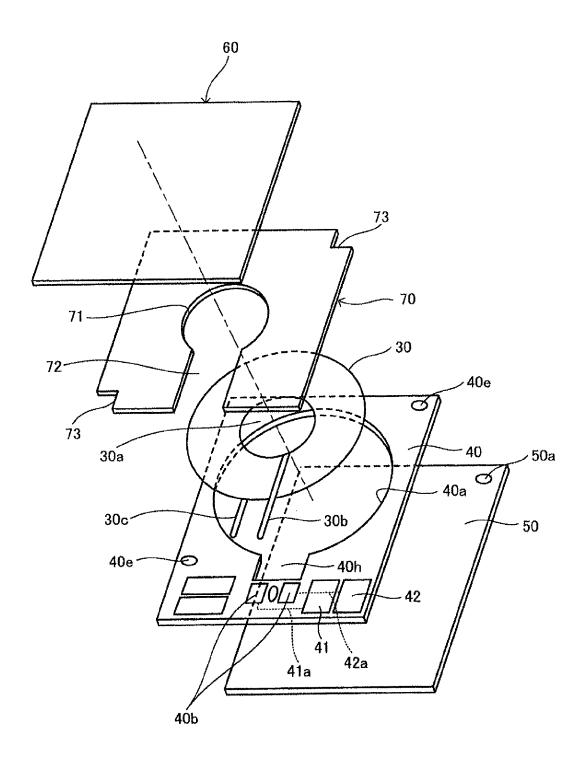
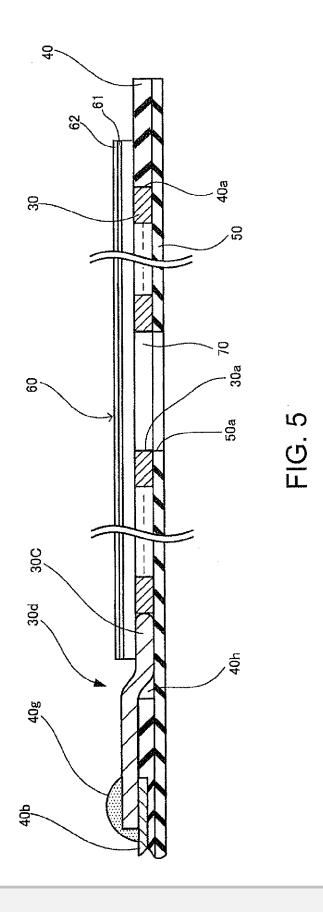


FIG. 4





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