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(54) **COIL STRUCTURE AND WIRELESS POWER RECEIVING APPARATUS INCLUDING THE SAME**

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(52) **U.S. Cl.**
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(57) **ABSTRACT**

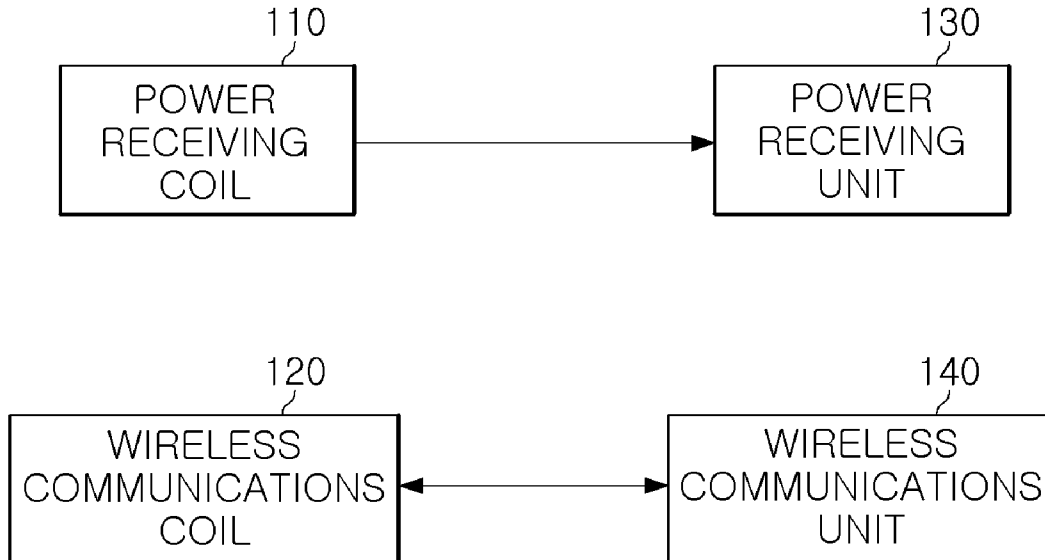
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A coil structure includes a first coil configured to transmit or receive a first signal of a first frequency, and a second coil configured to transmit or receive a second signal of a second frequency. The second coil is disposed outside the first coil, and a ratio of the second frequency to the first frequency is at least 1.3:1

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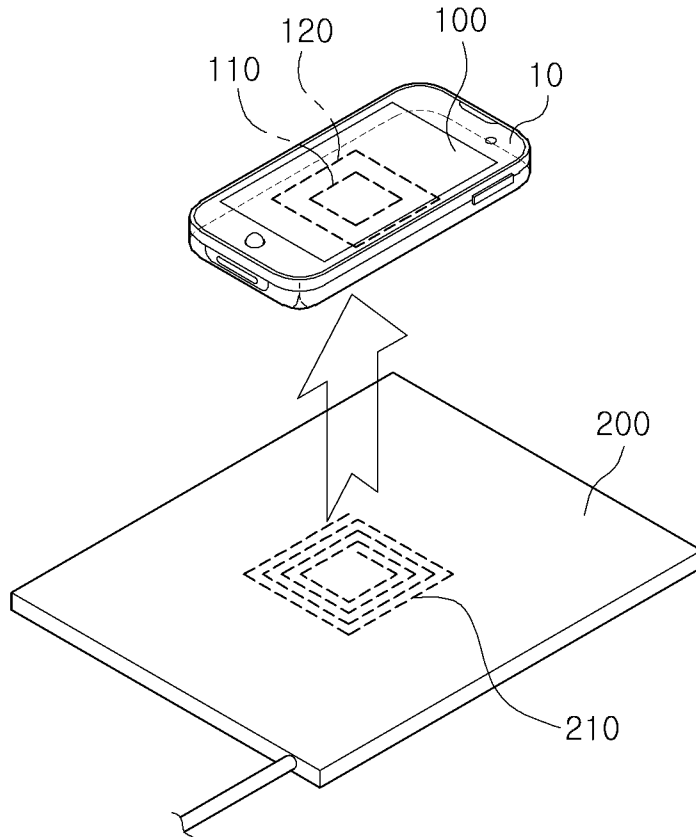


FIG. 1

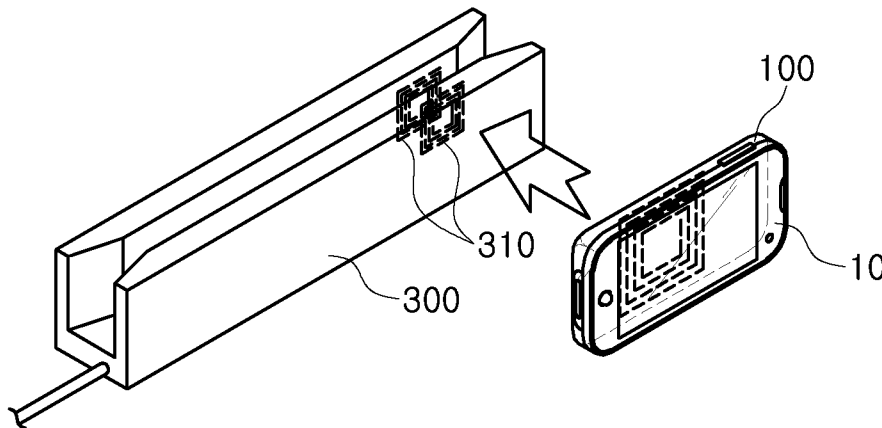


FIG. 2

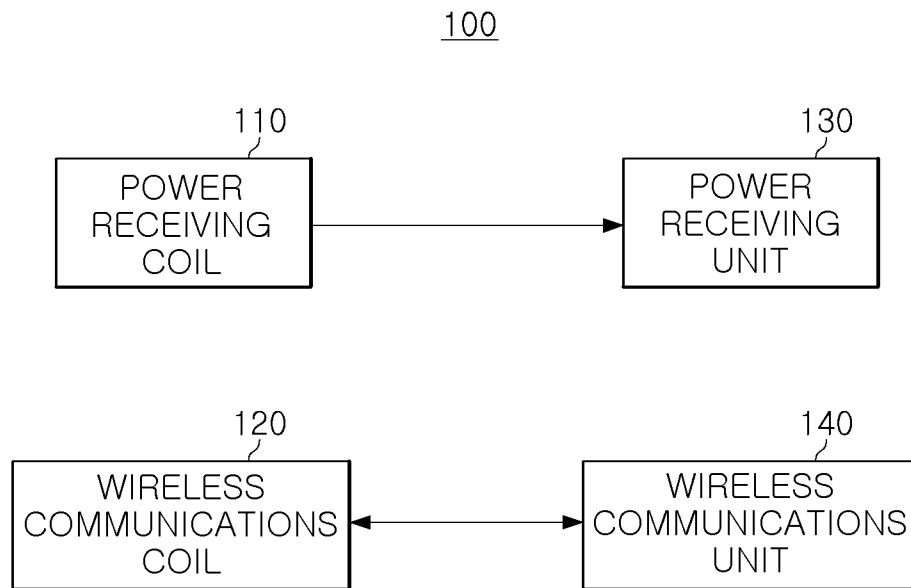


FIG. 3

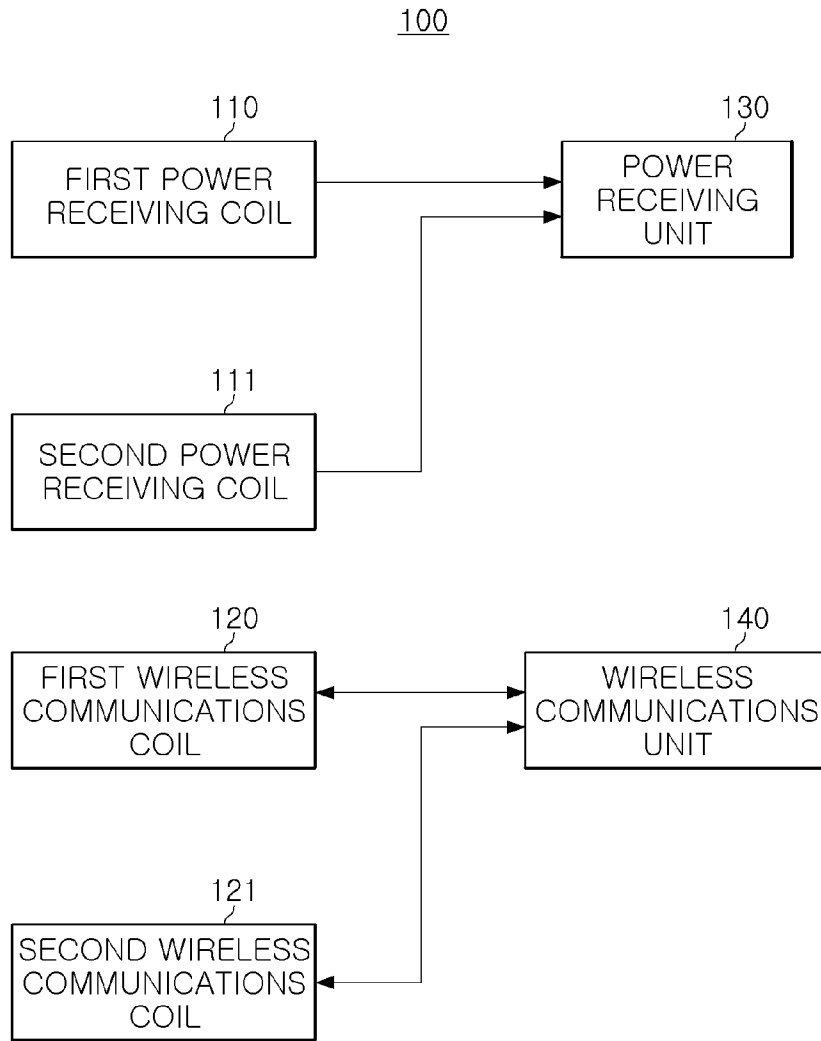


FIG. 4

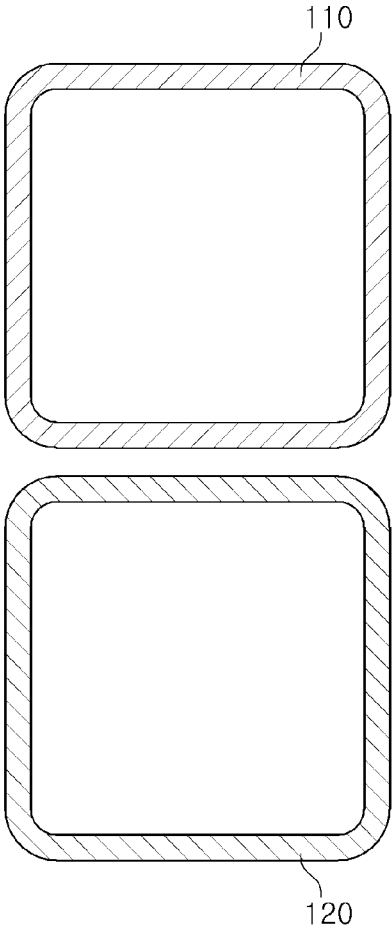


FIG. 5

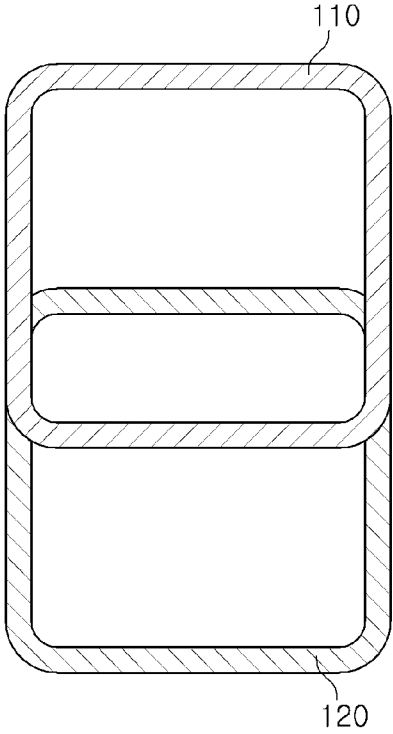


FIG. 6

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