

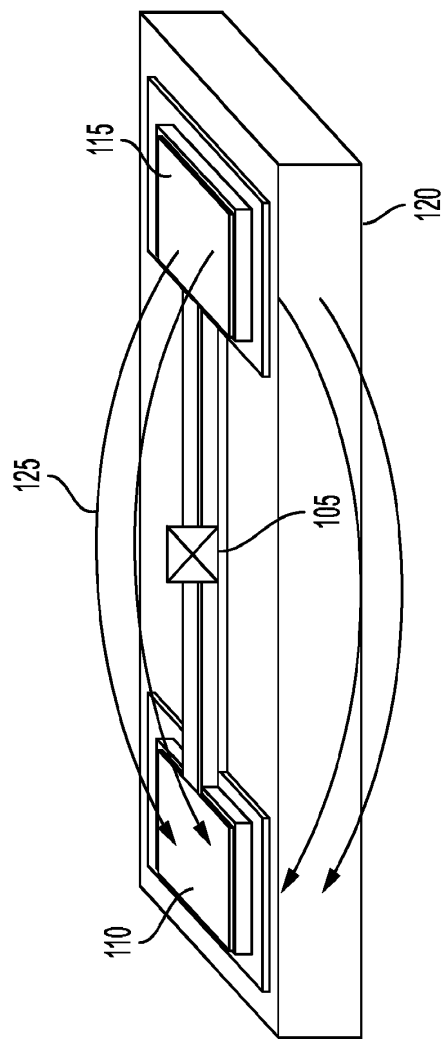


FIG. 1

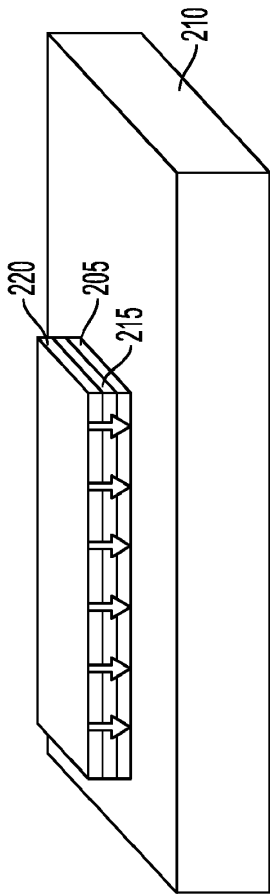


FIG. 2

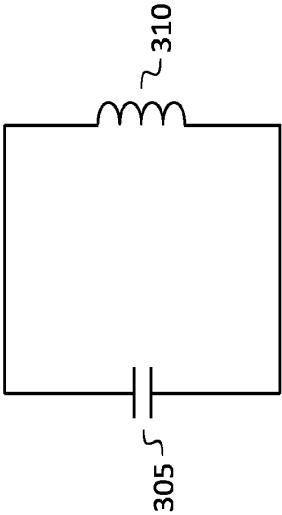


FIG. 3A

$$\frac{1}{T_1} = \frac{\omega_{qubit}}{Q}$$

FIG. 3B

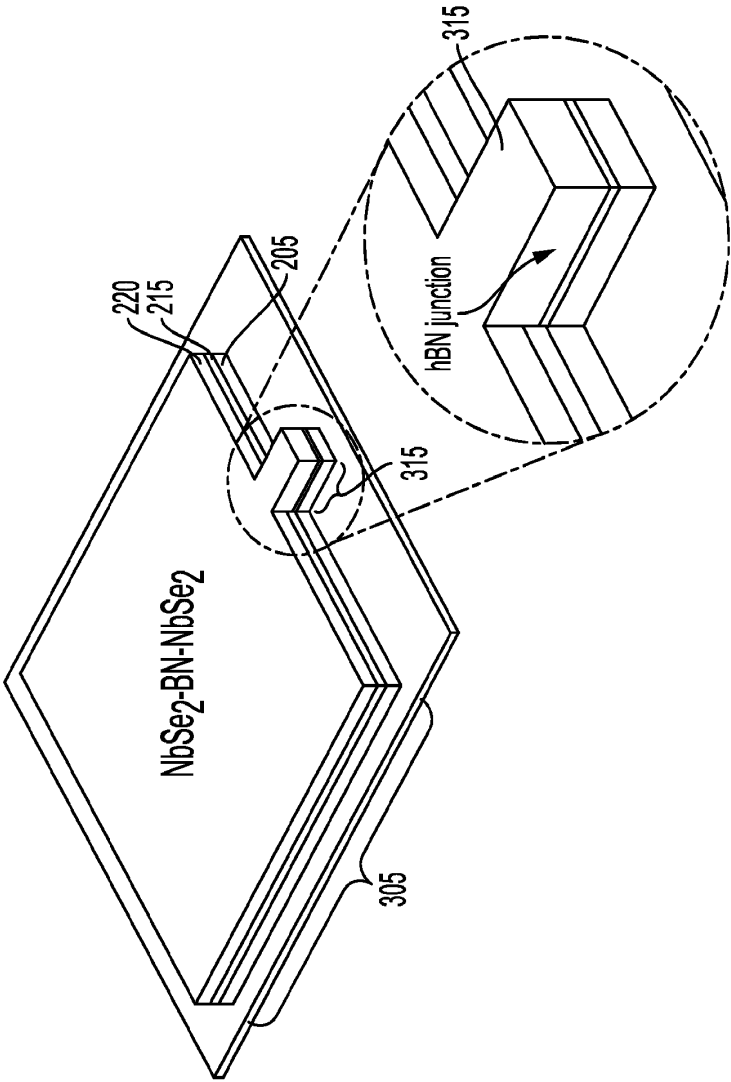


FIG. 3C

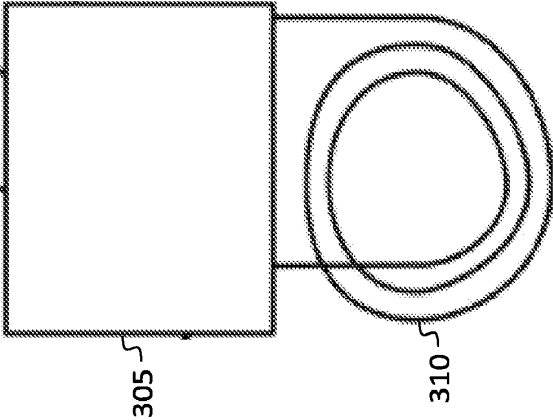


FIG. 3E

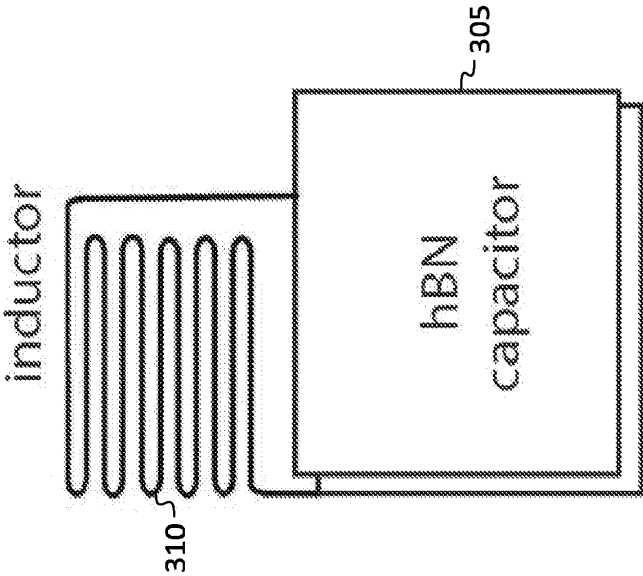


FIG. 3D

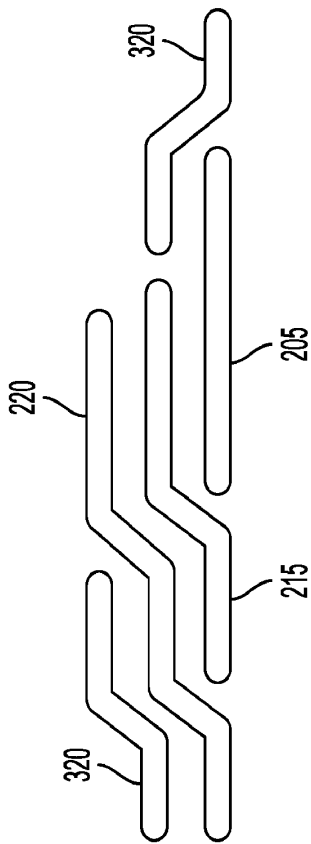


FIG. 3F

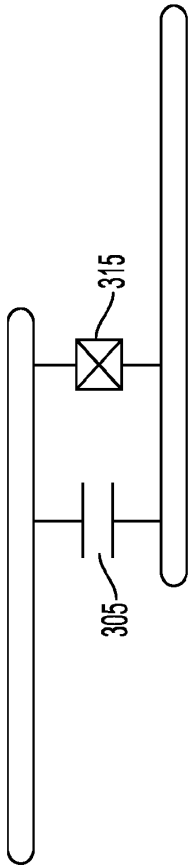


FIG. 3G

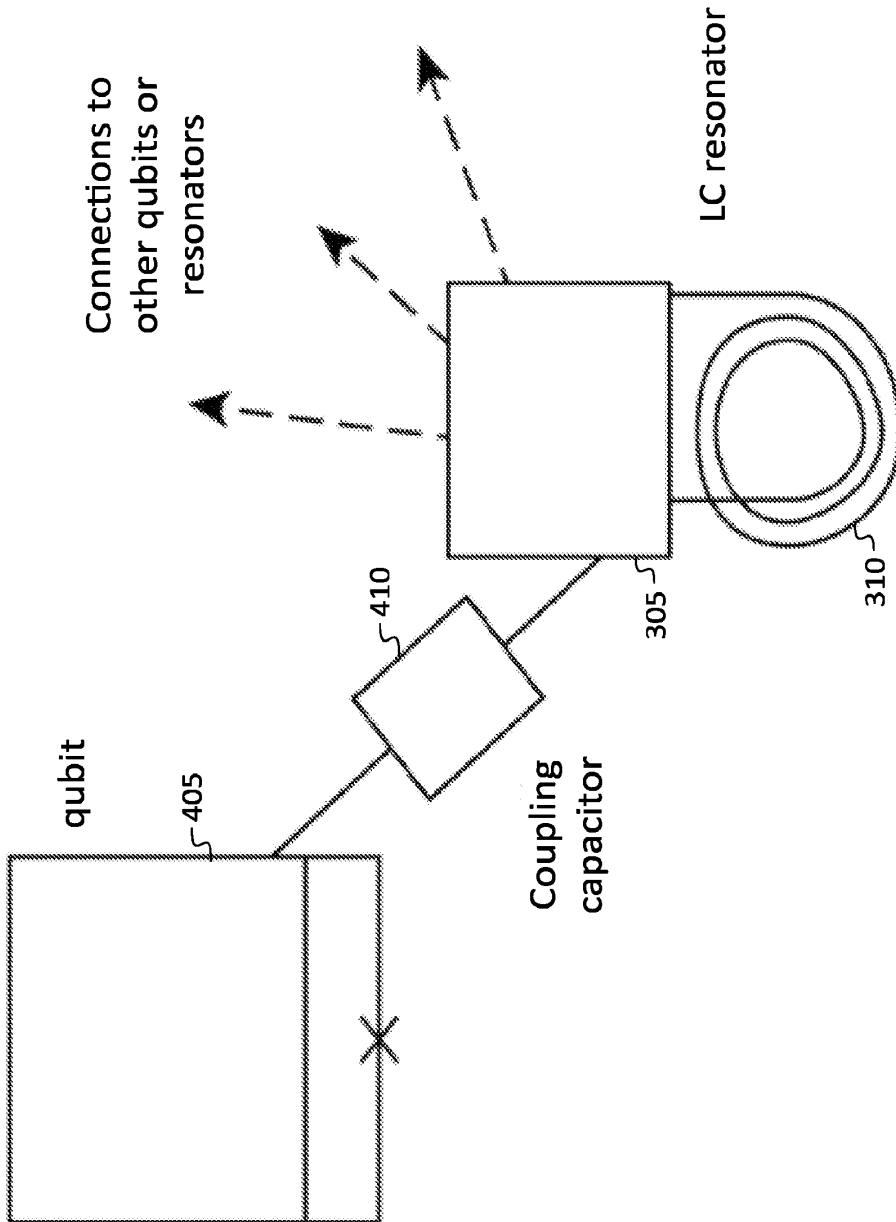


FIG. 4A

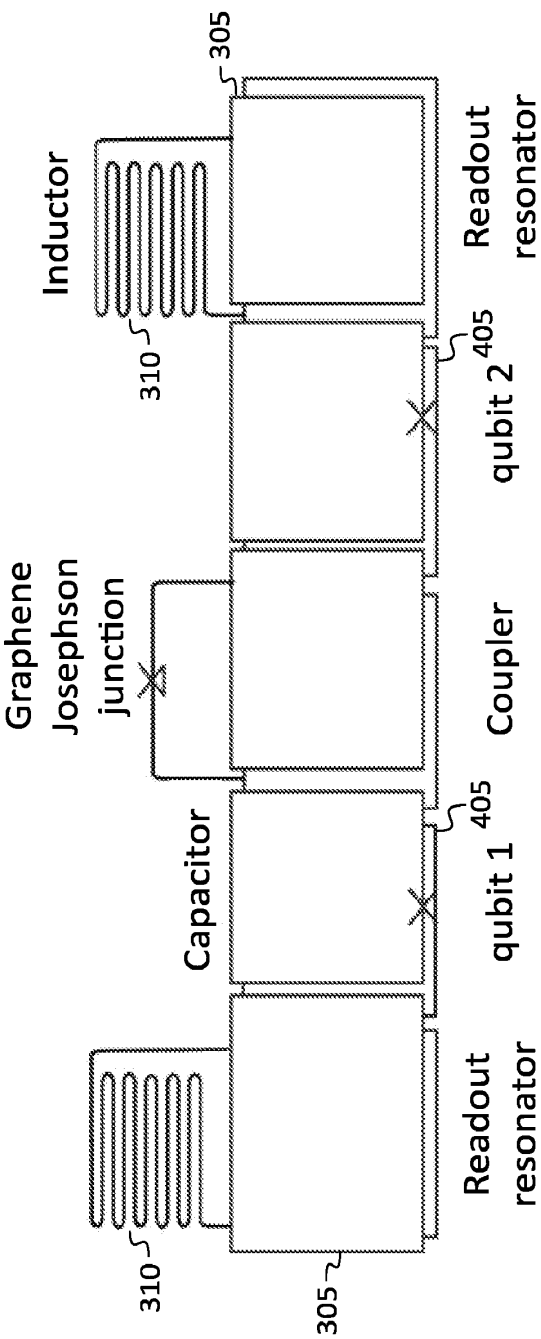


FIG. 4B

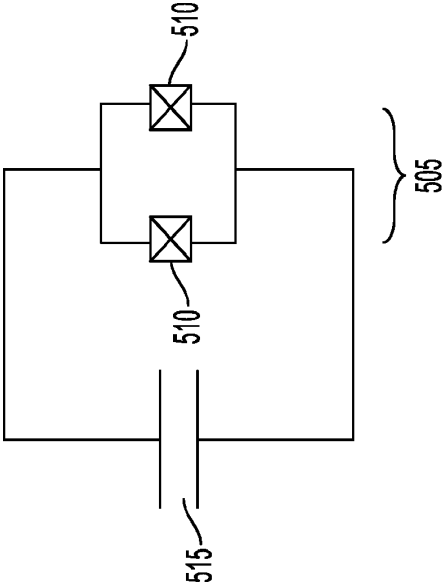


FIG. 5

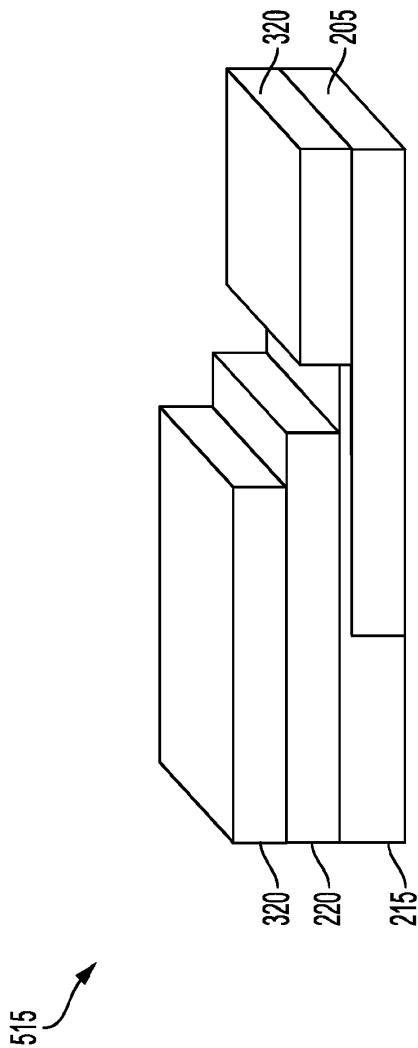


FIG. 6

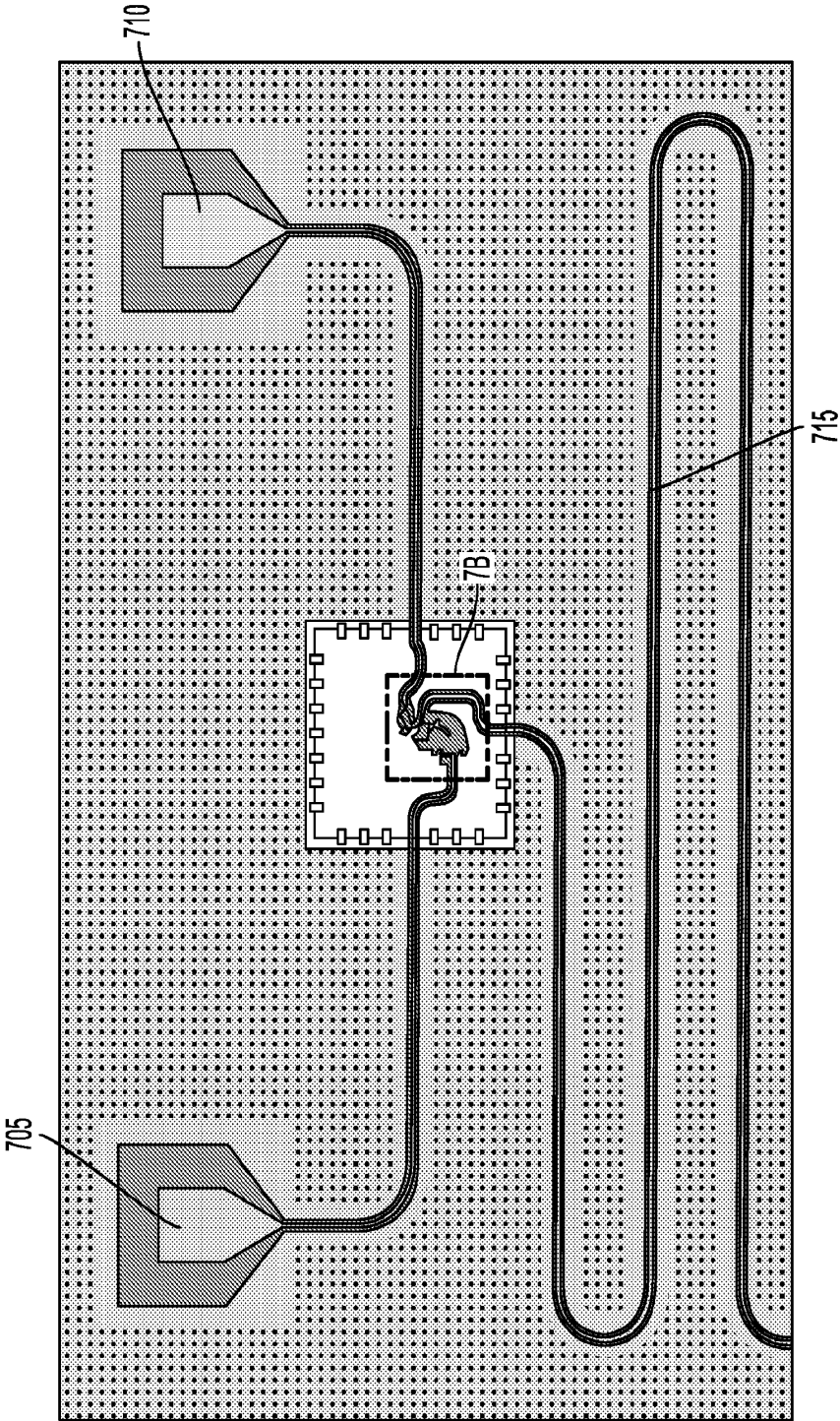


FIG. 7A

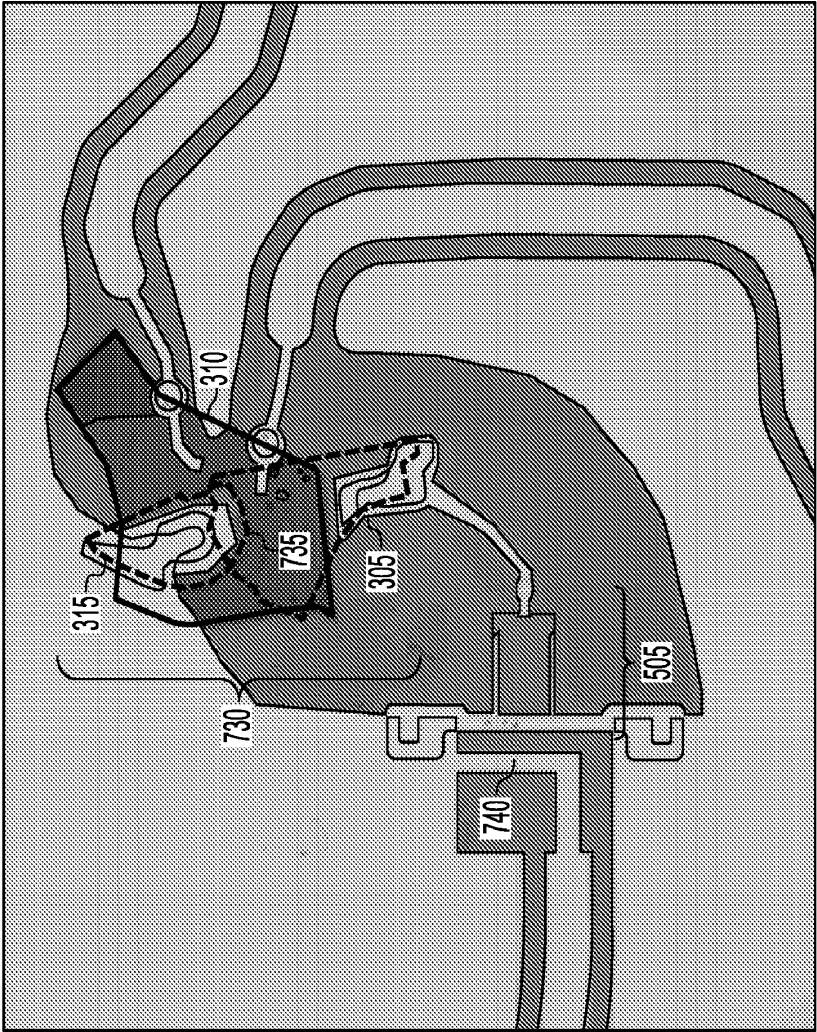


FIG. 7B