

FIG. 1A

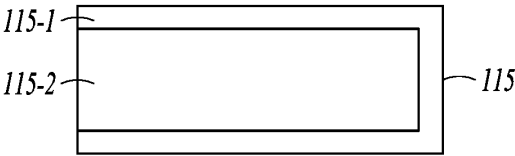


FIG. 1B

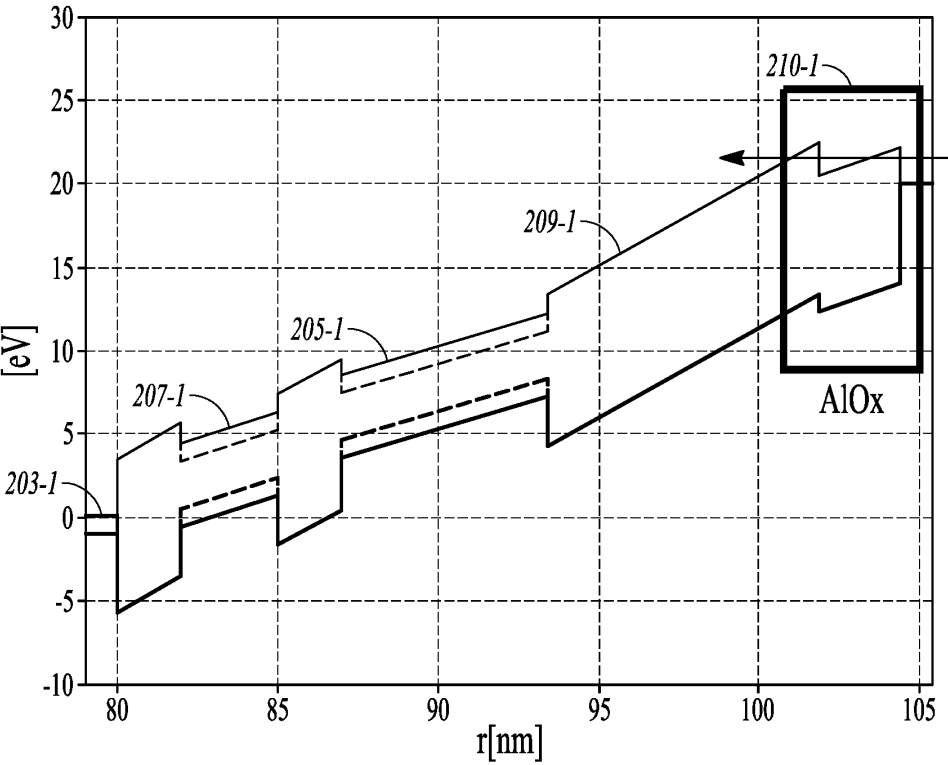


FIG. 2A

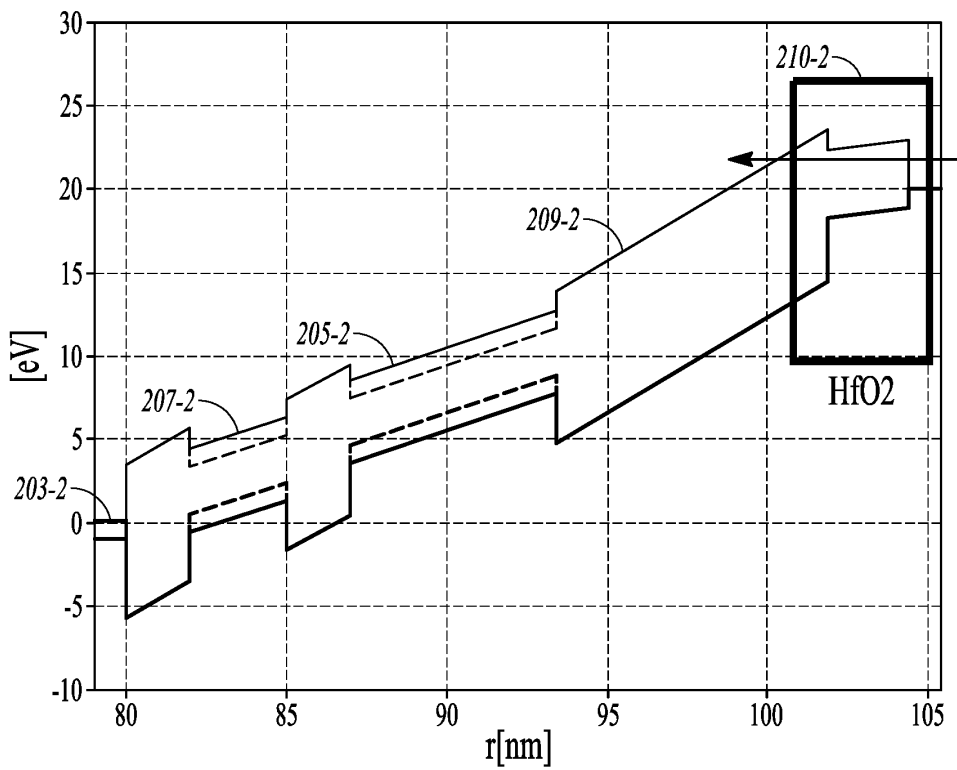


FIG. 2B

	K	BAND GAP	X
SiO2	3.9	9.0	0.9
SiN	7.5	5.0	1.9
AlOx	9.0	8.0	2.8
HfO2	20.0	4.0	2.1

FIG. 2C

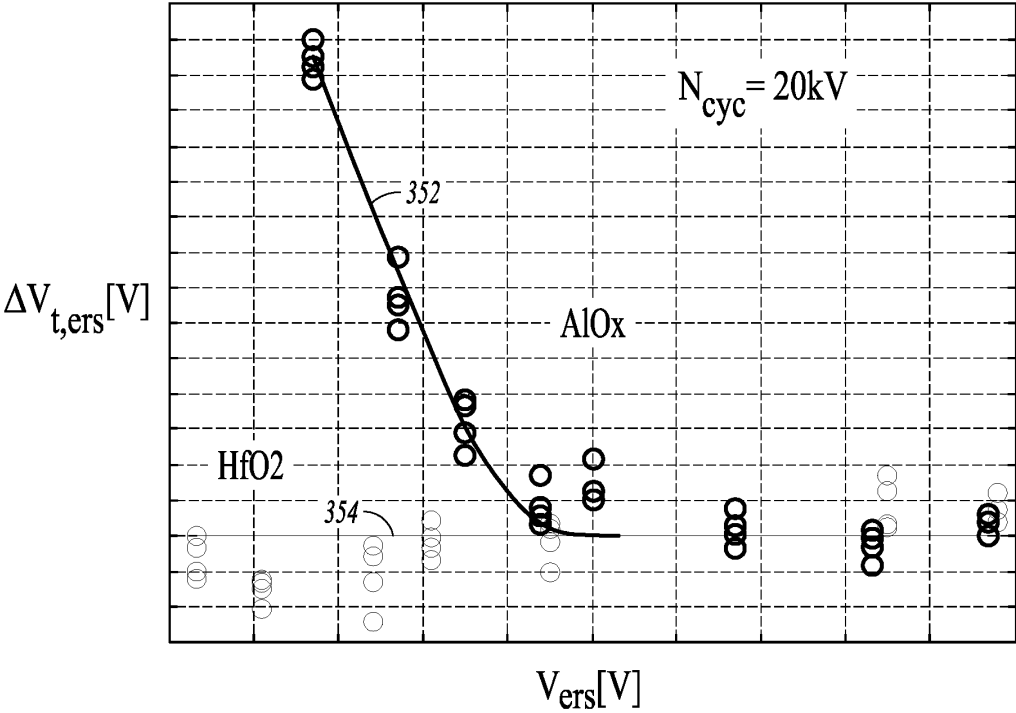
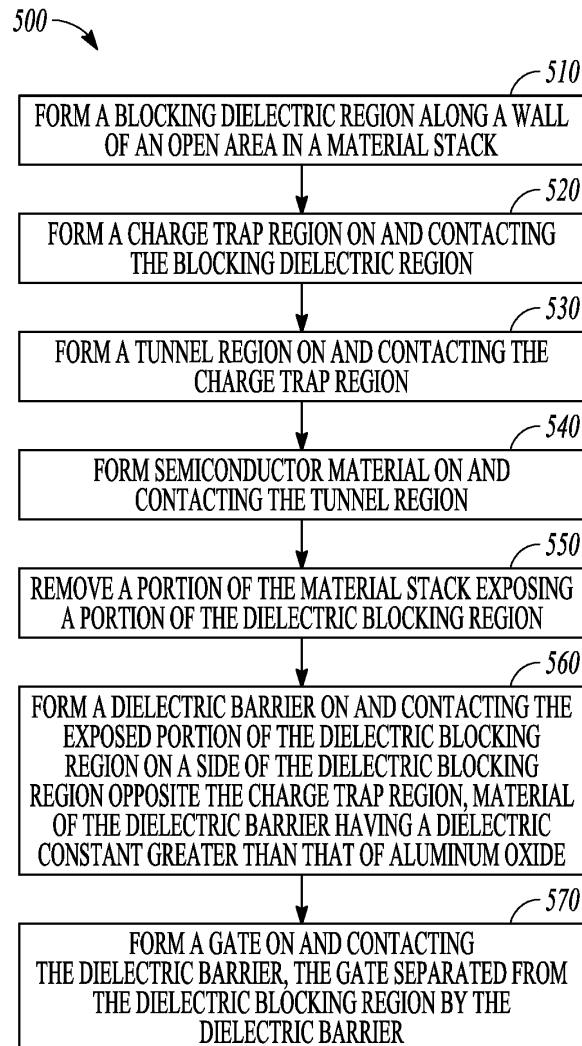
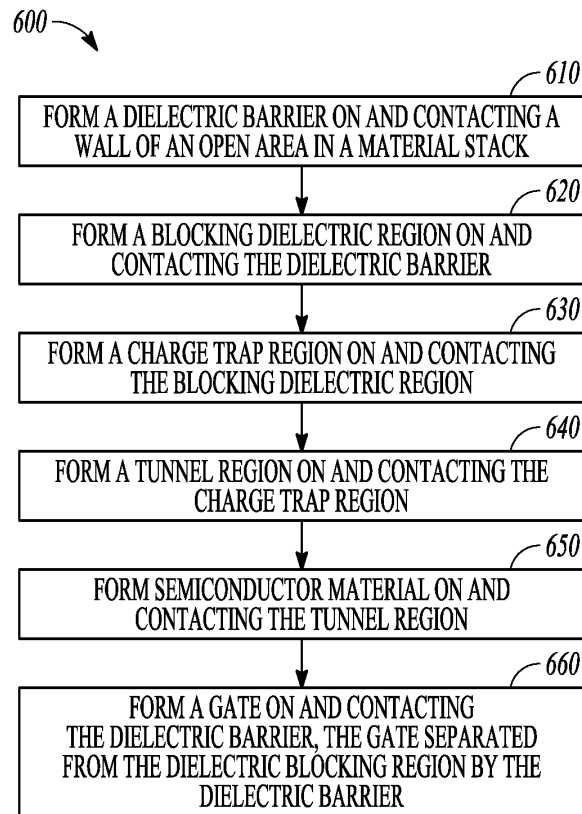


FIG. 3

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**FIG. 5**

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**FIG. 6**

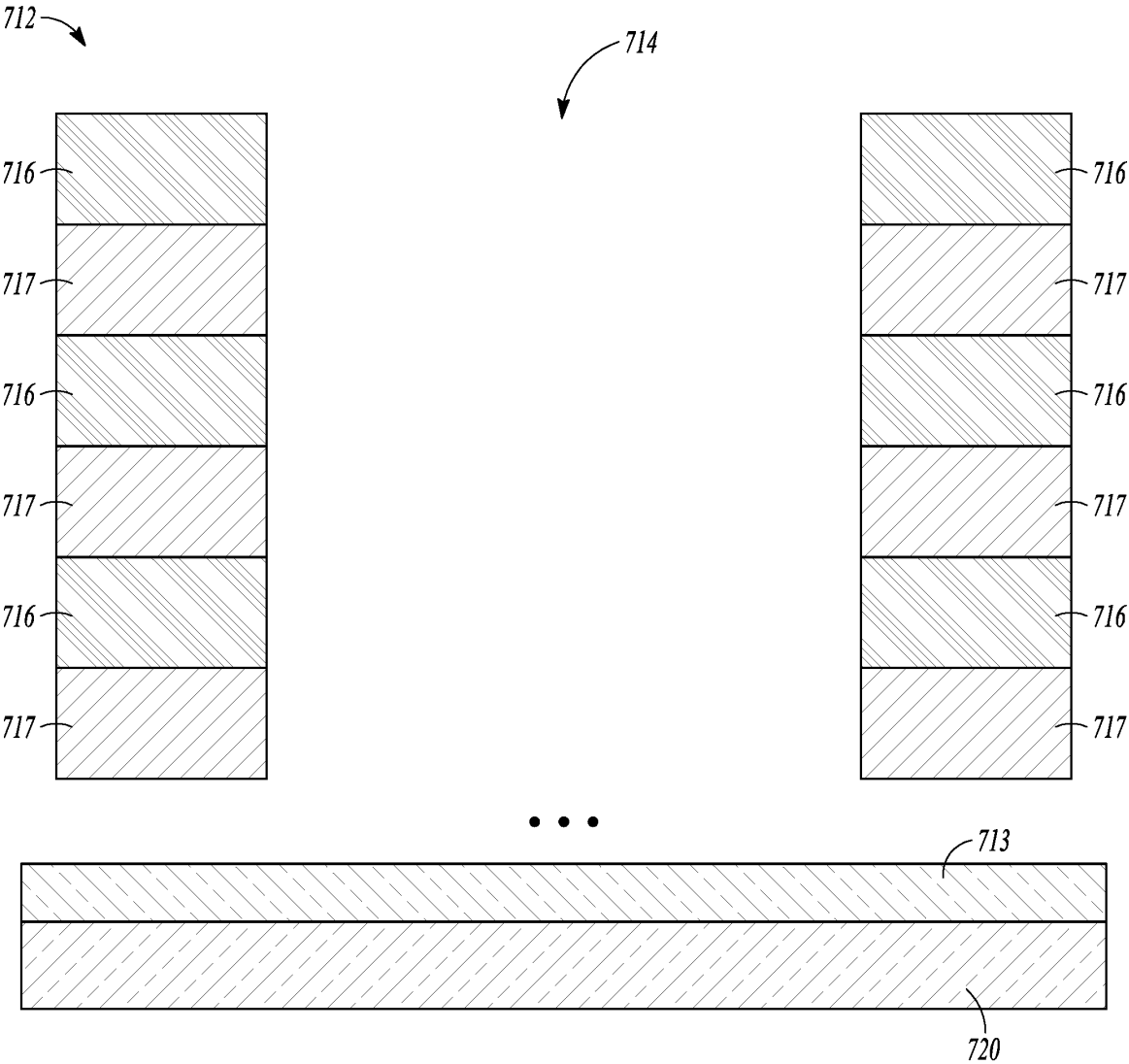


FIG. 7A

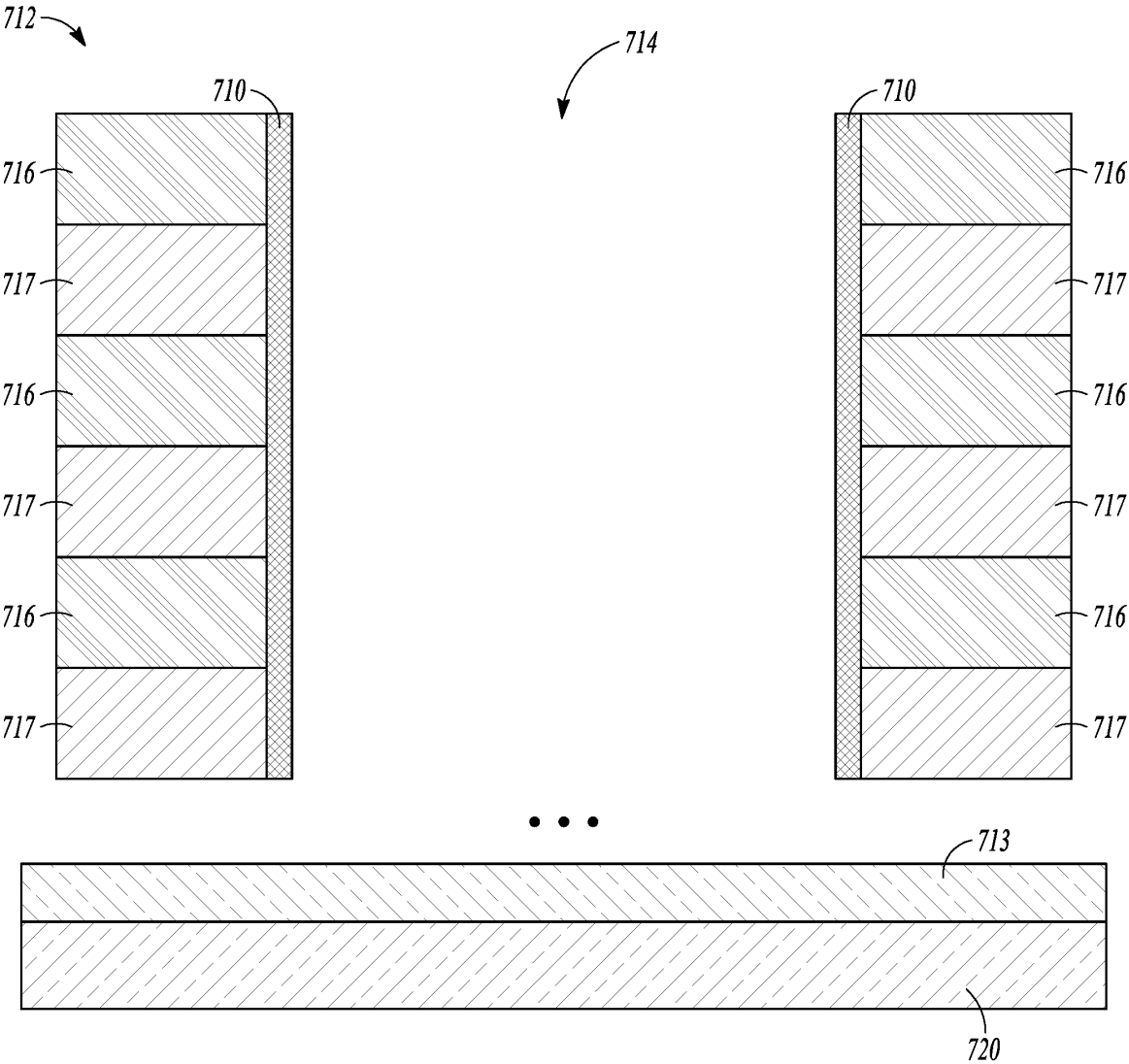


FIG. 7B

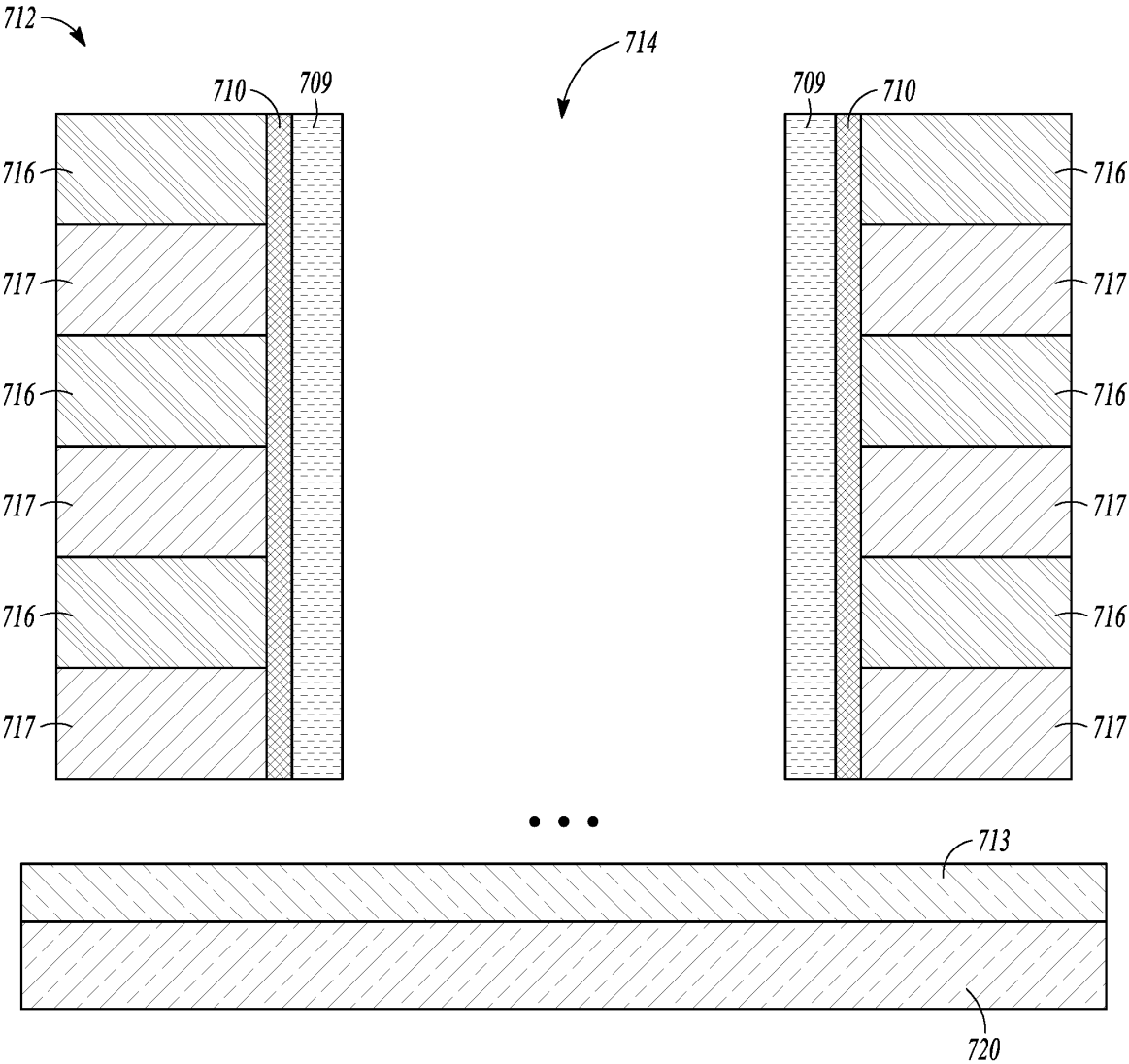


FIG. 7C

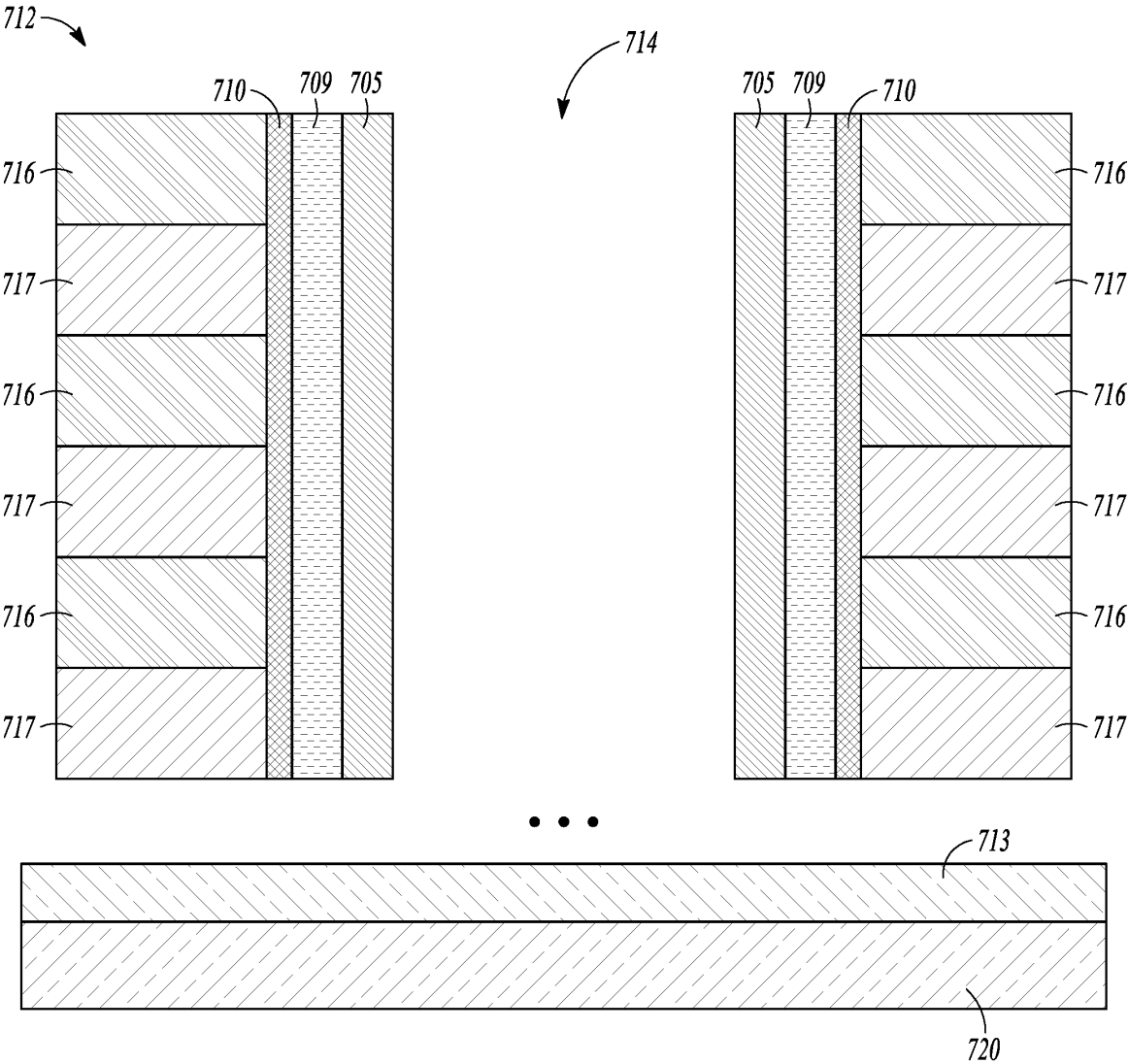


FIG. 7D

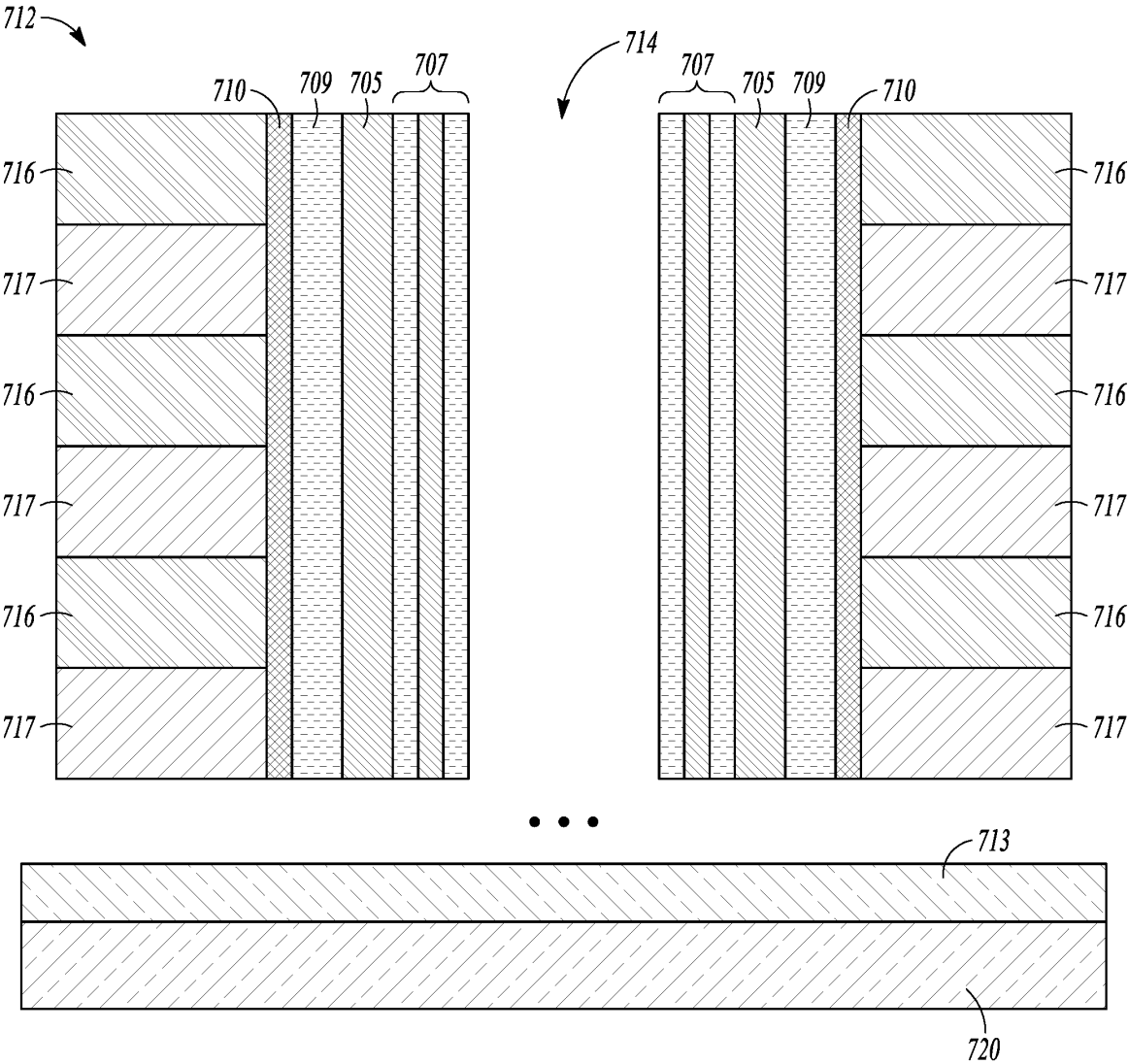


FIG. 7E

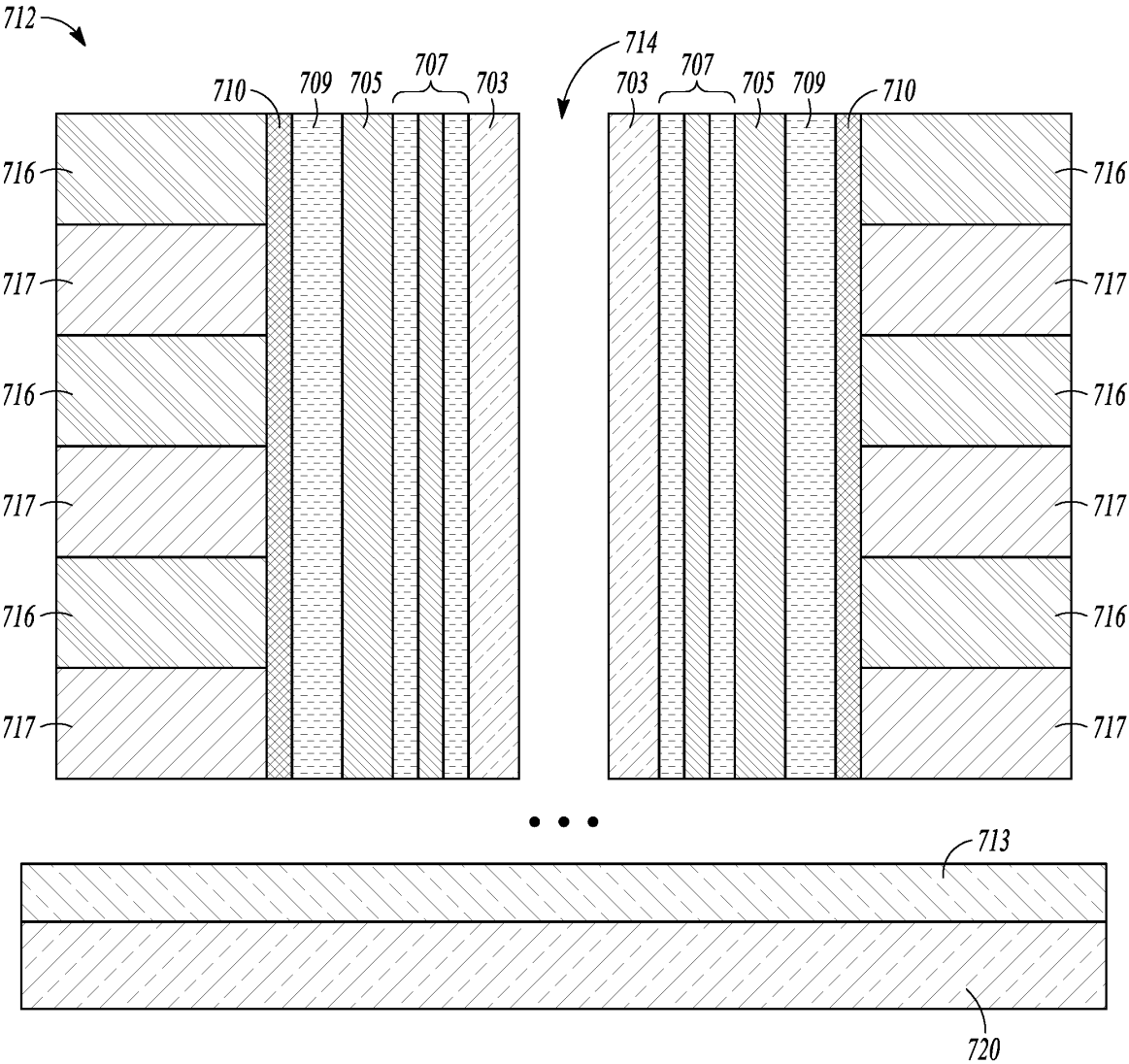


FIG. 7F

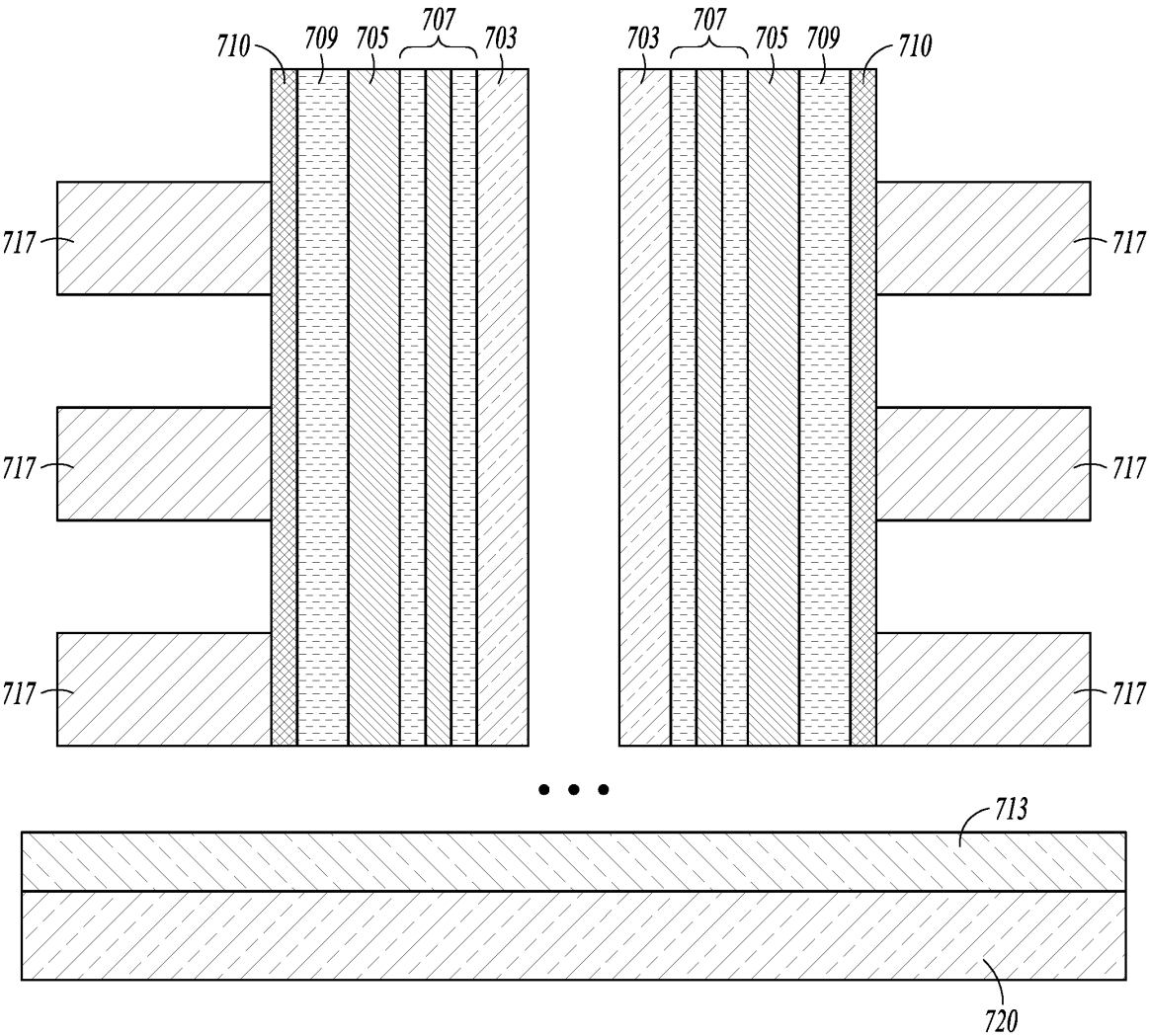


FIG. 7G

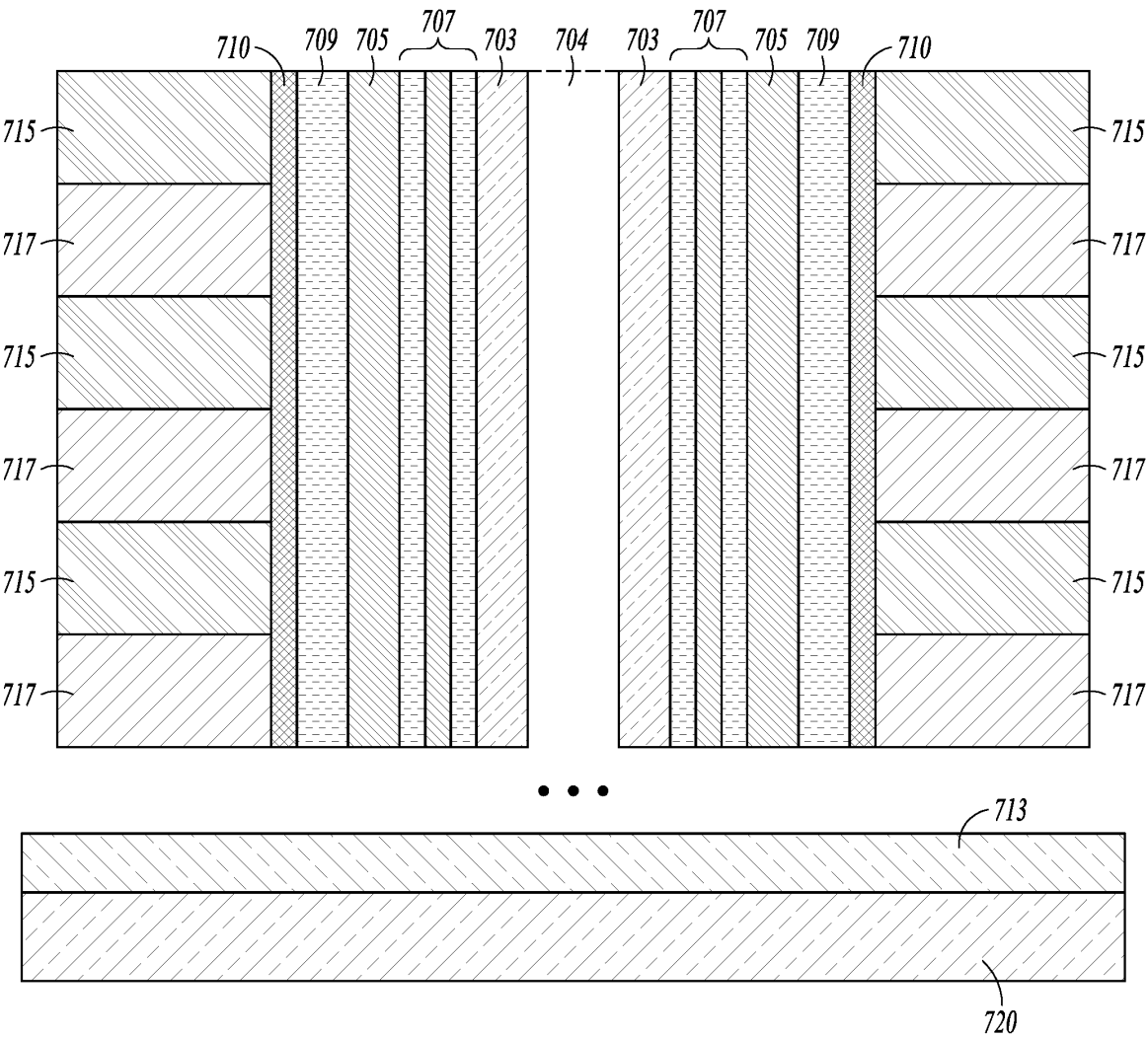
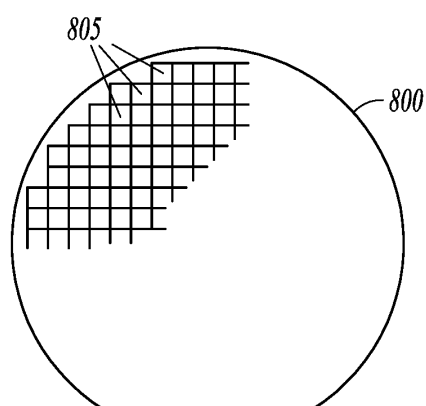
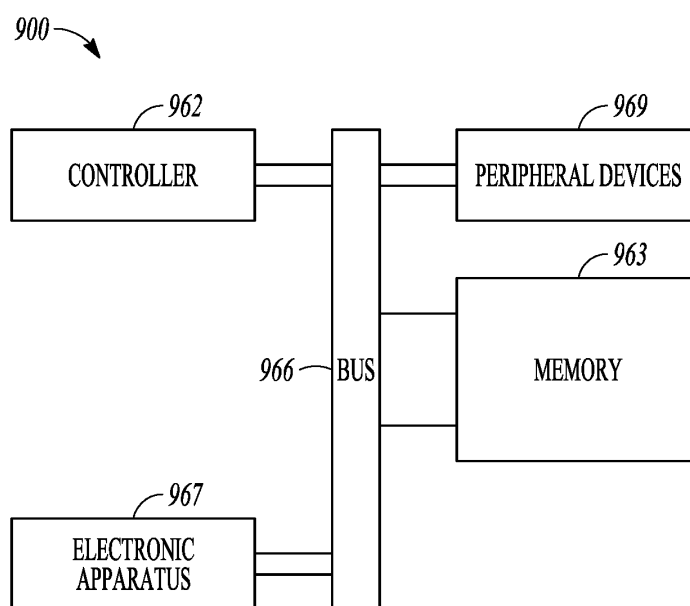


FIG. 7H

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*FIG. 8**FIG. 9*