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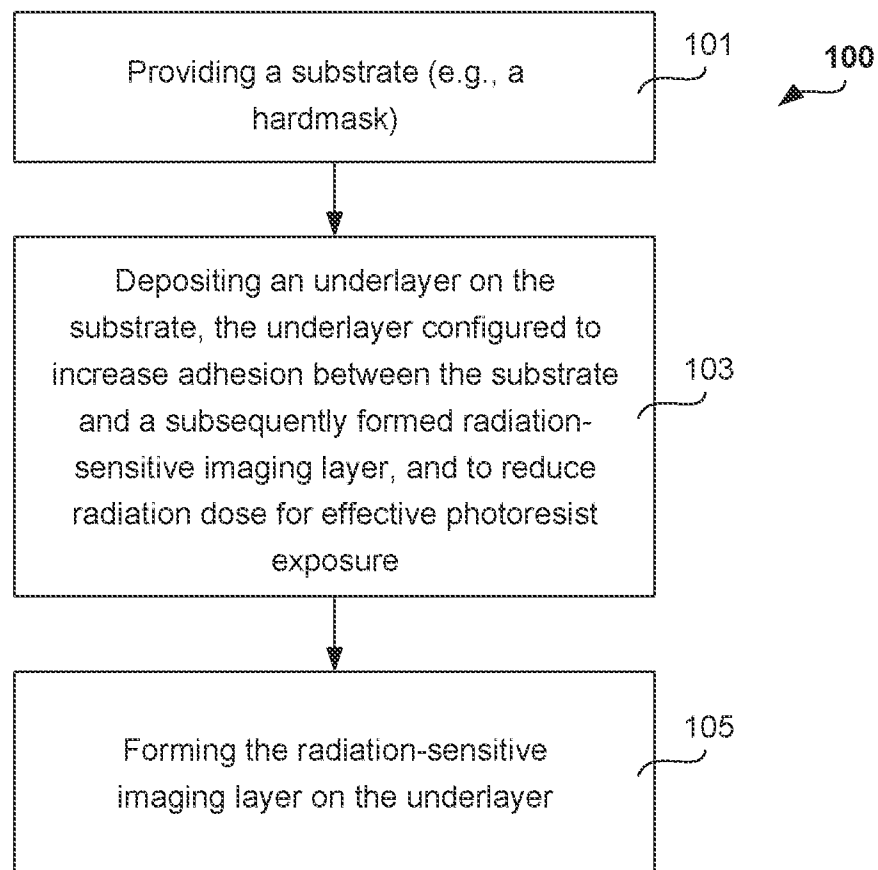
**FIG. 1**

FIG. 2A

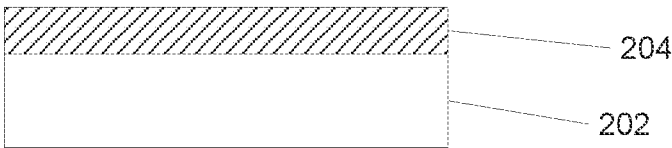


FIG. 2B

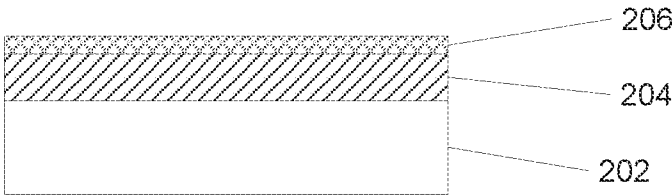
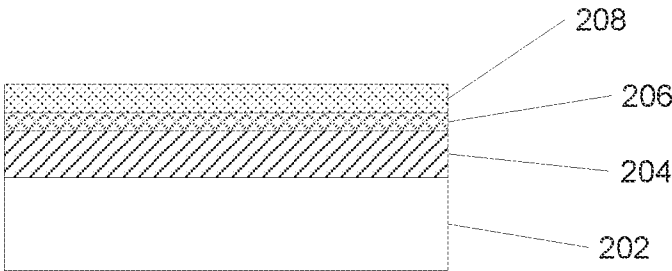
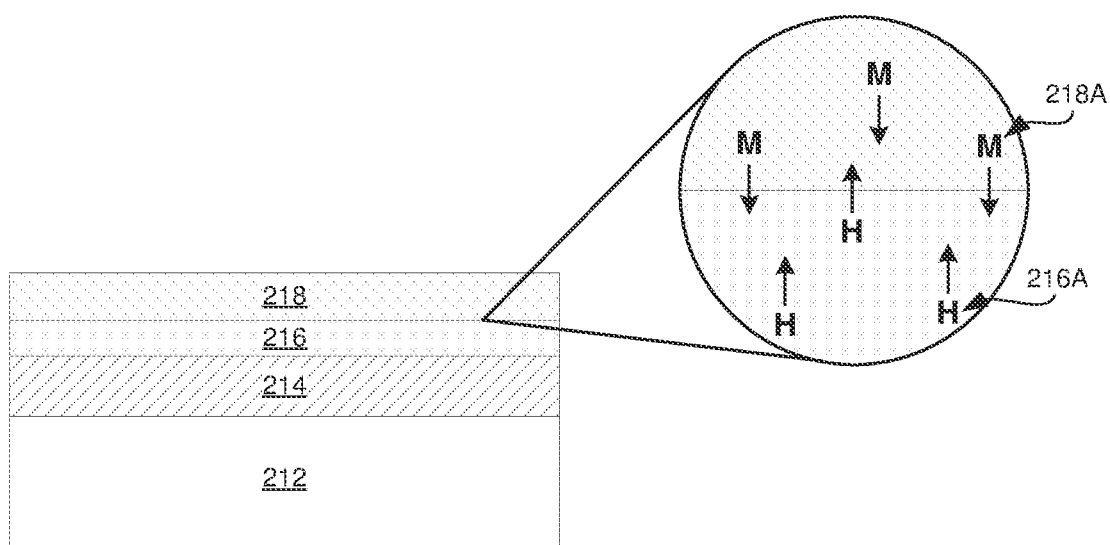
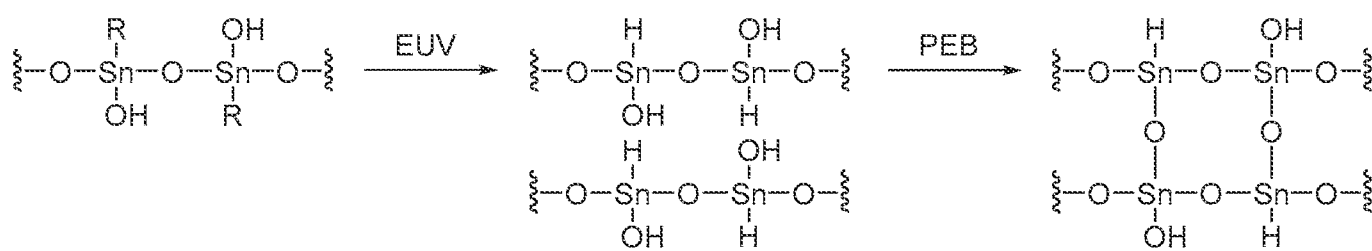
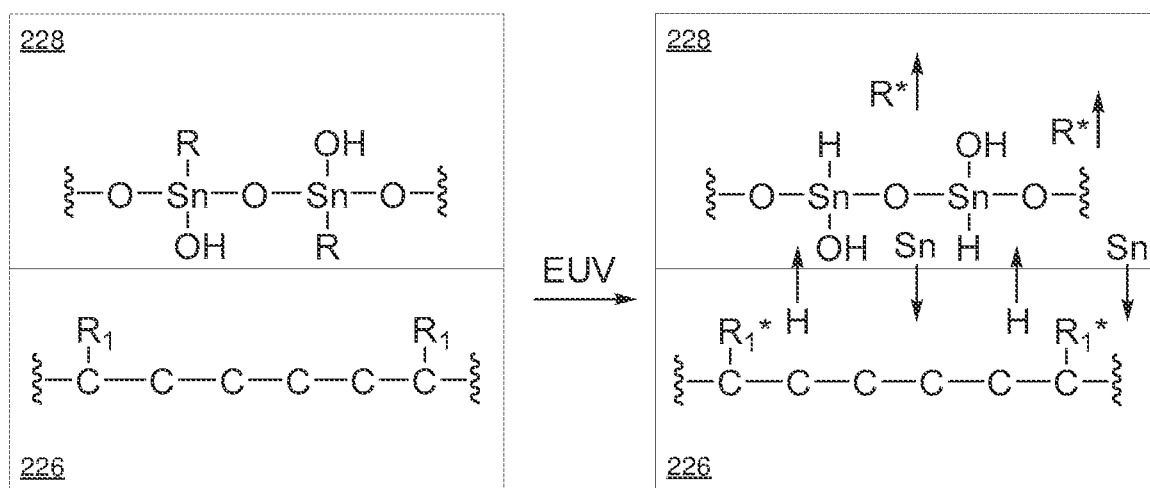


FIG. 2C



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**FIG. 2D****FIG. 2E****FIG. 2F**

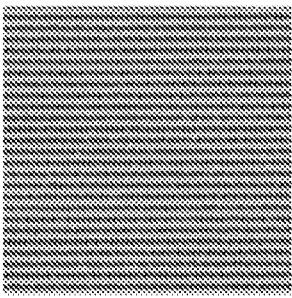
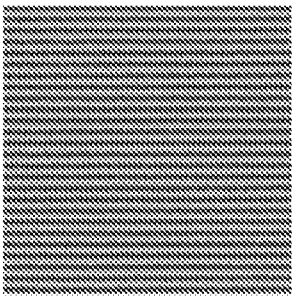
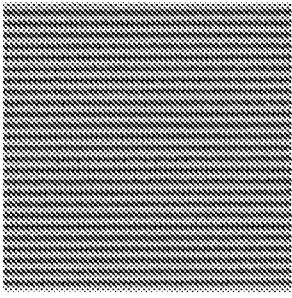
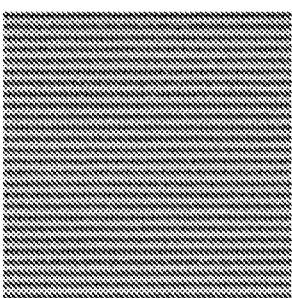
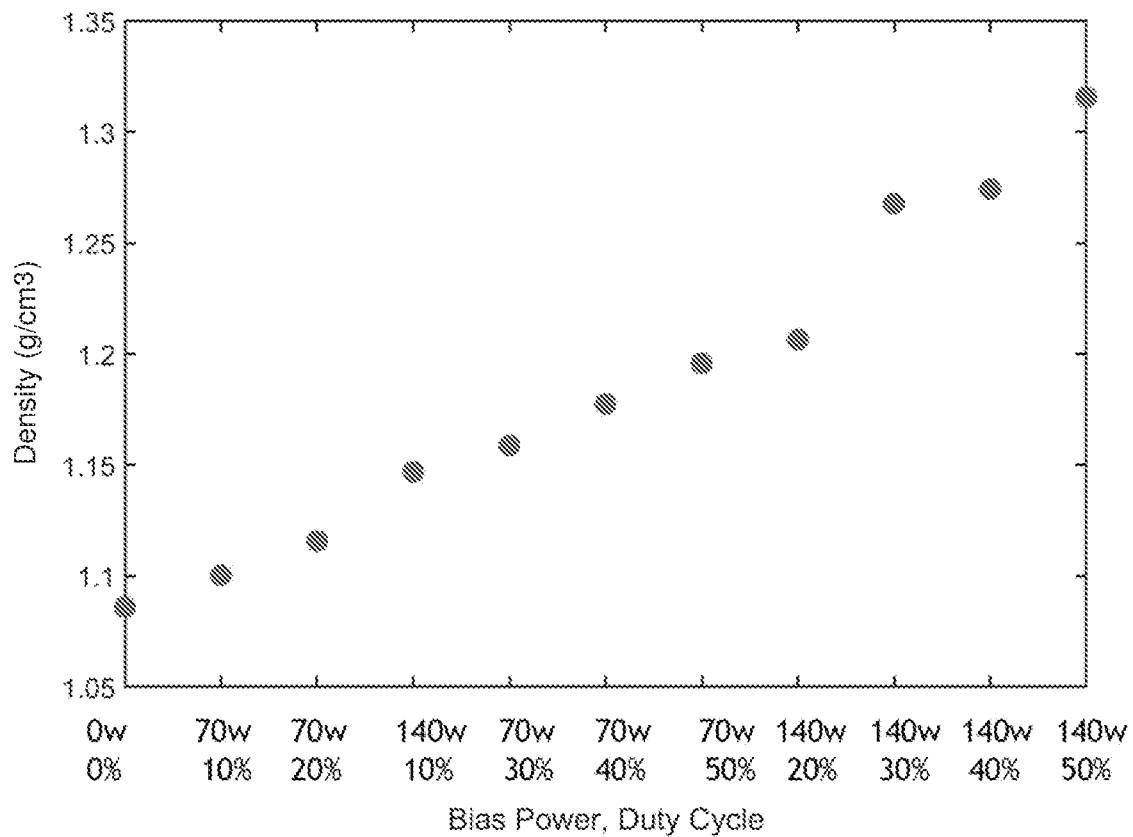
	AHM	Embodiment 1	Embodiment 2	SOC
Underlayer density [g/cm ³]	1.5	1.06	1.3	1.26
CDSEM				
	LnCD / LWR _{Unbi} 15.8/3.0	16.0/3.0	16.5/2.9	16.2/2.9

FIG. 3

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**FIG. 4**

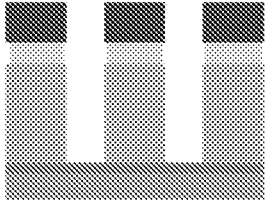
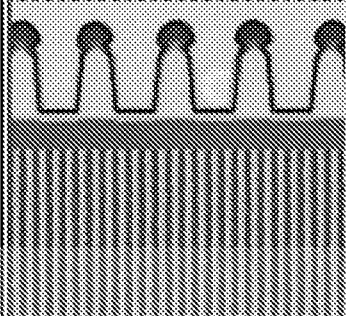
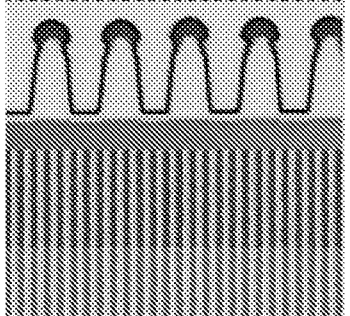
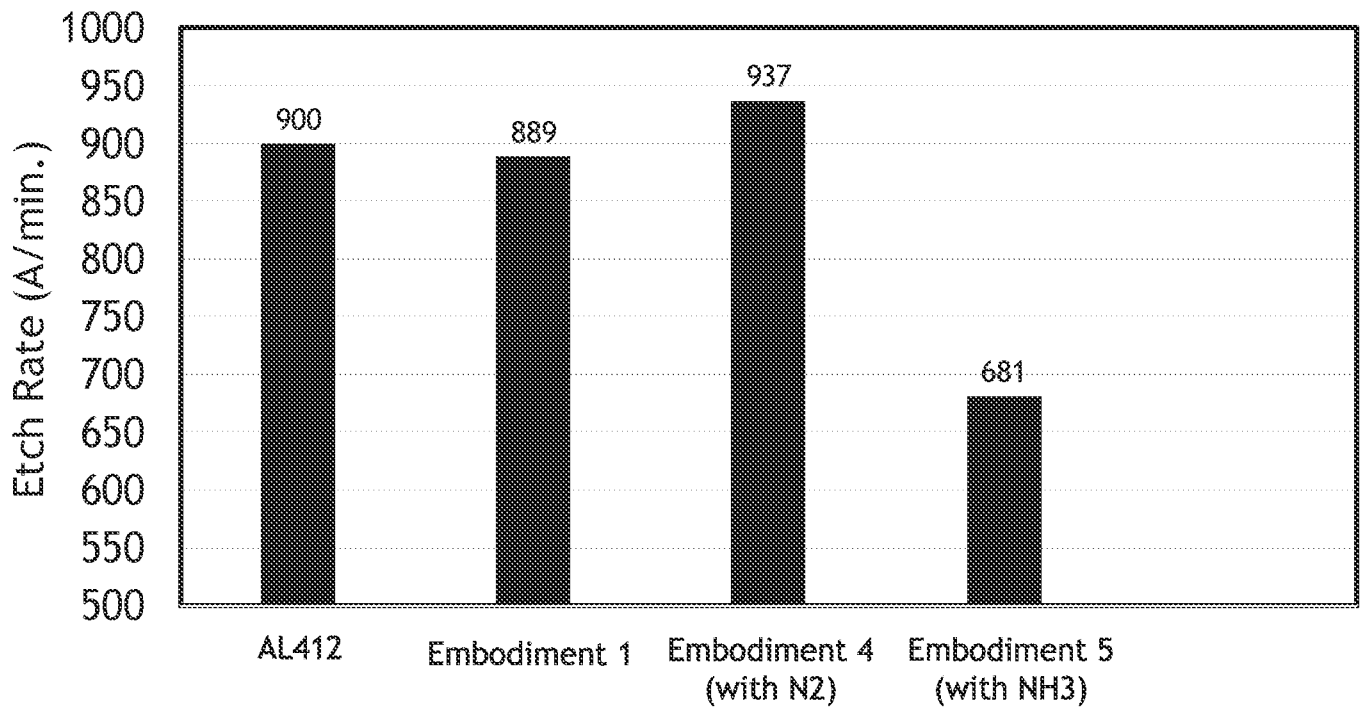
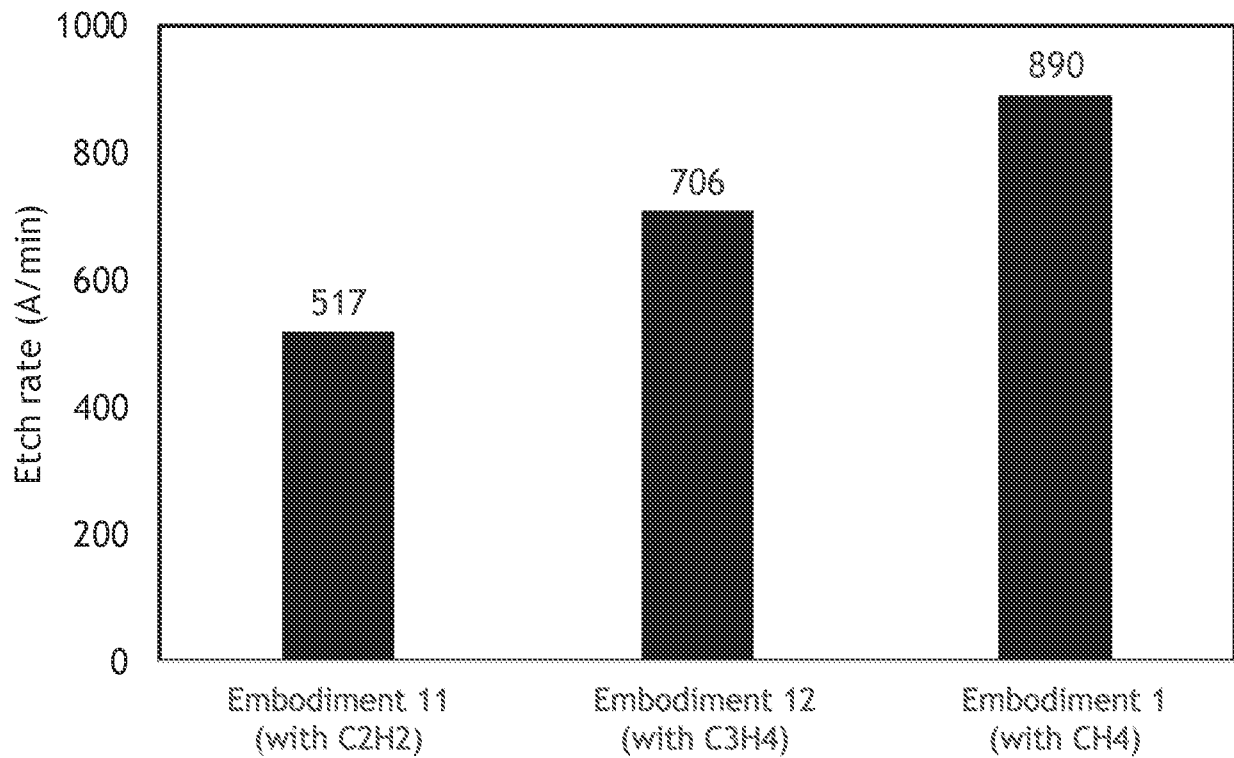
DtS	43 mj/cm ²	49 mj/cm ²
Pulsing Bias	140W DC 10	140W DC 50
		
LnCD	15.7	15.6
Unbiased LWR/SpWR	2.47/2.66	2.26/2.23
LF/MF/HF _{spwr}	1.87/1.67/0.83	1.40/1.56/0.70
Undercut	3.5 nm undercut from each side	1.5 nm undercut from each side

FIG. 5

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**FIG. 6****FIG. 7**

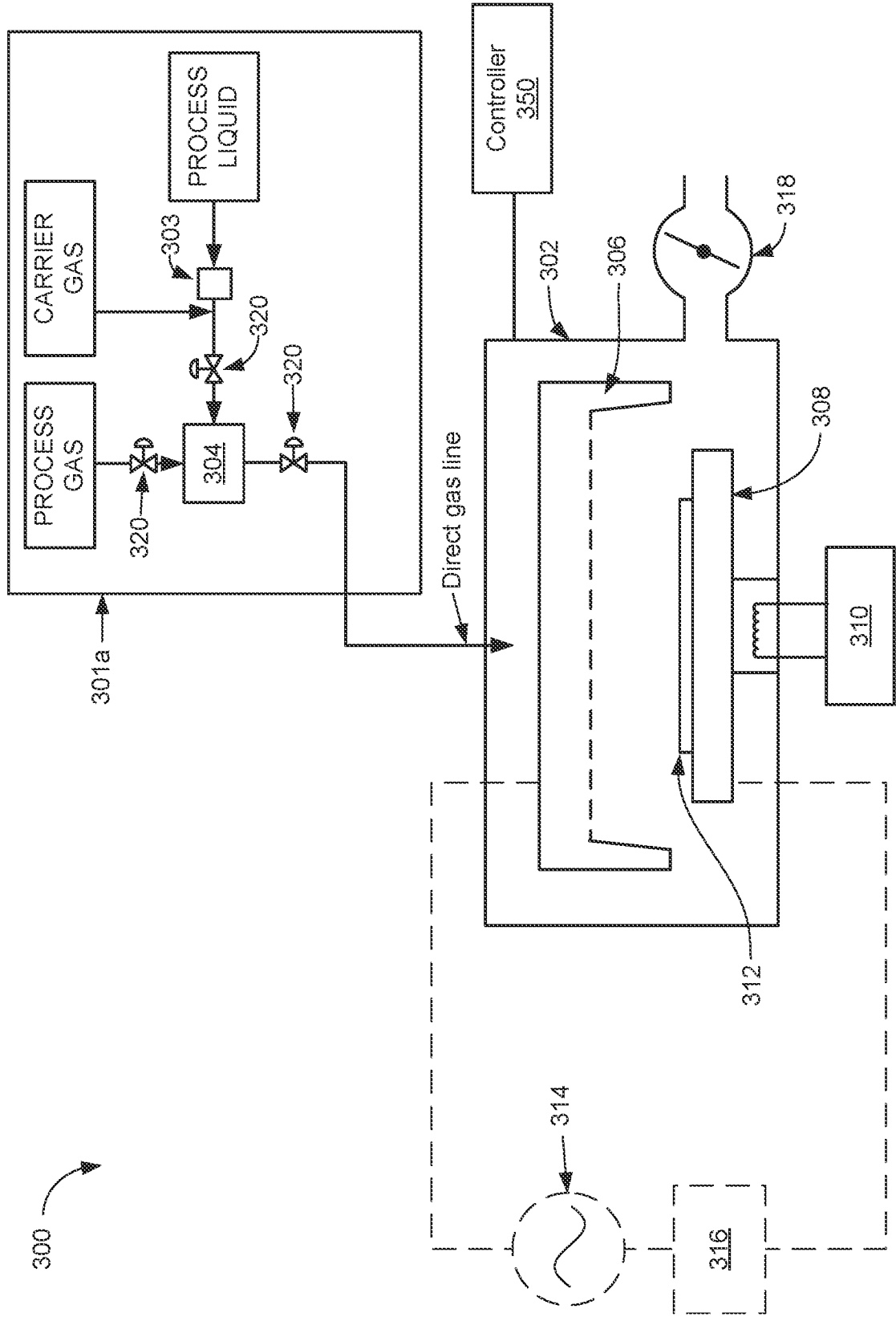


FIG. 8

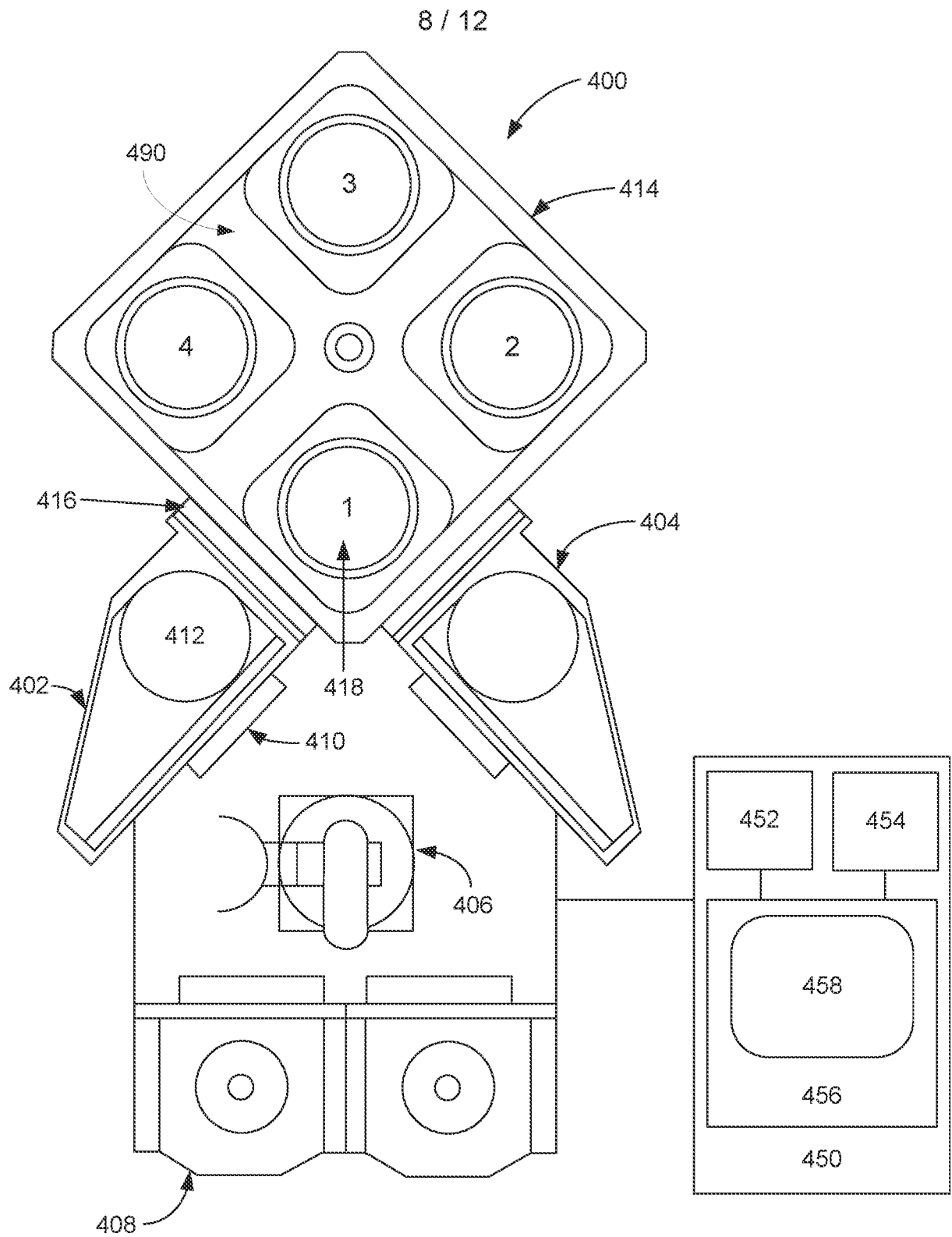


FIG. 9

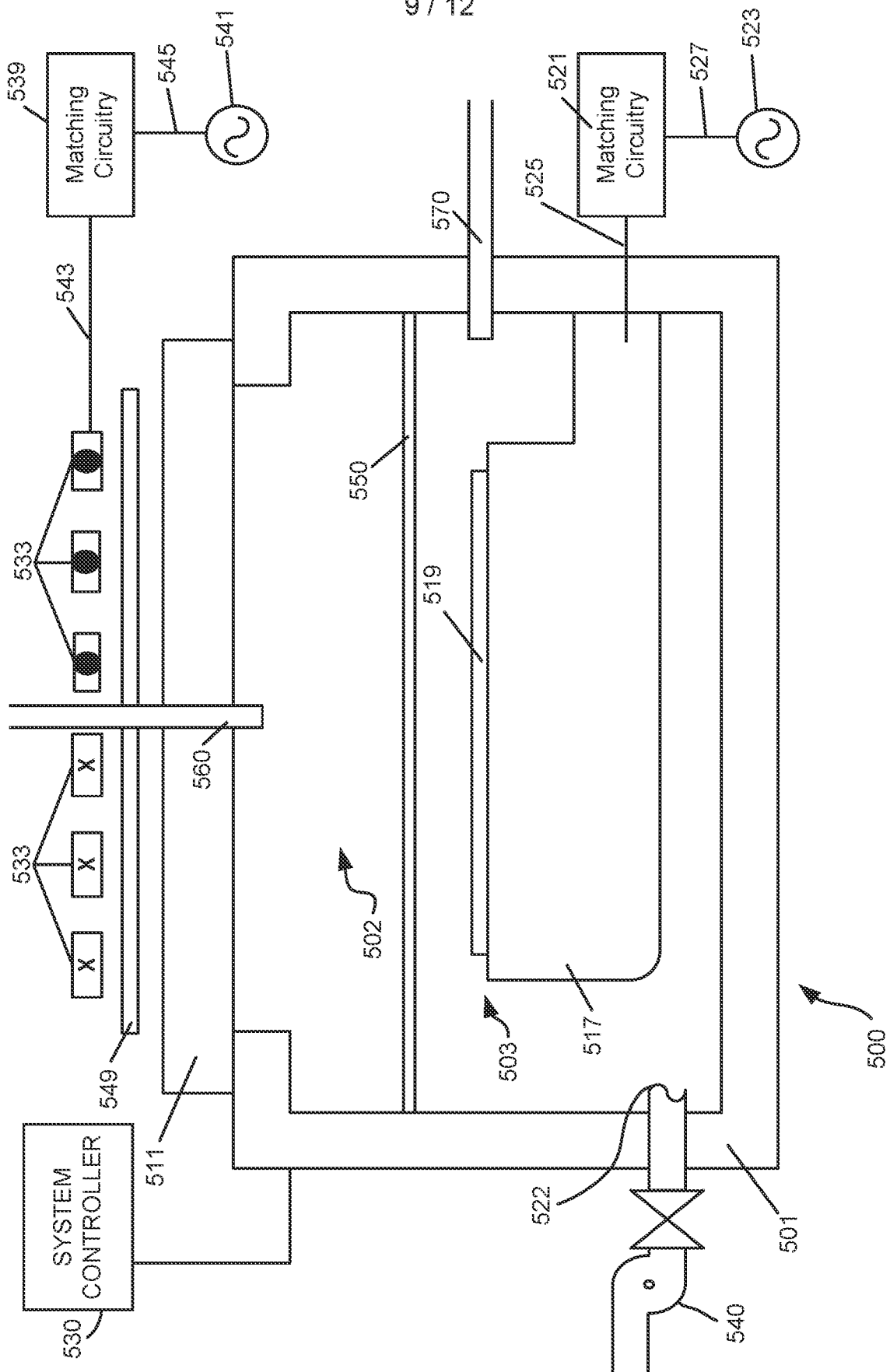


FIG. 10

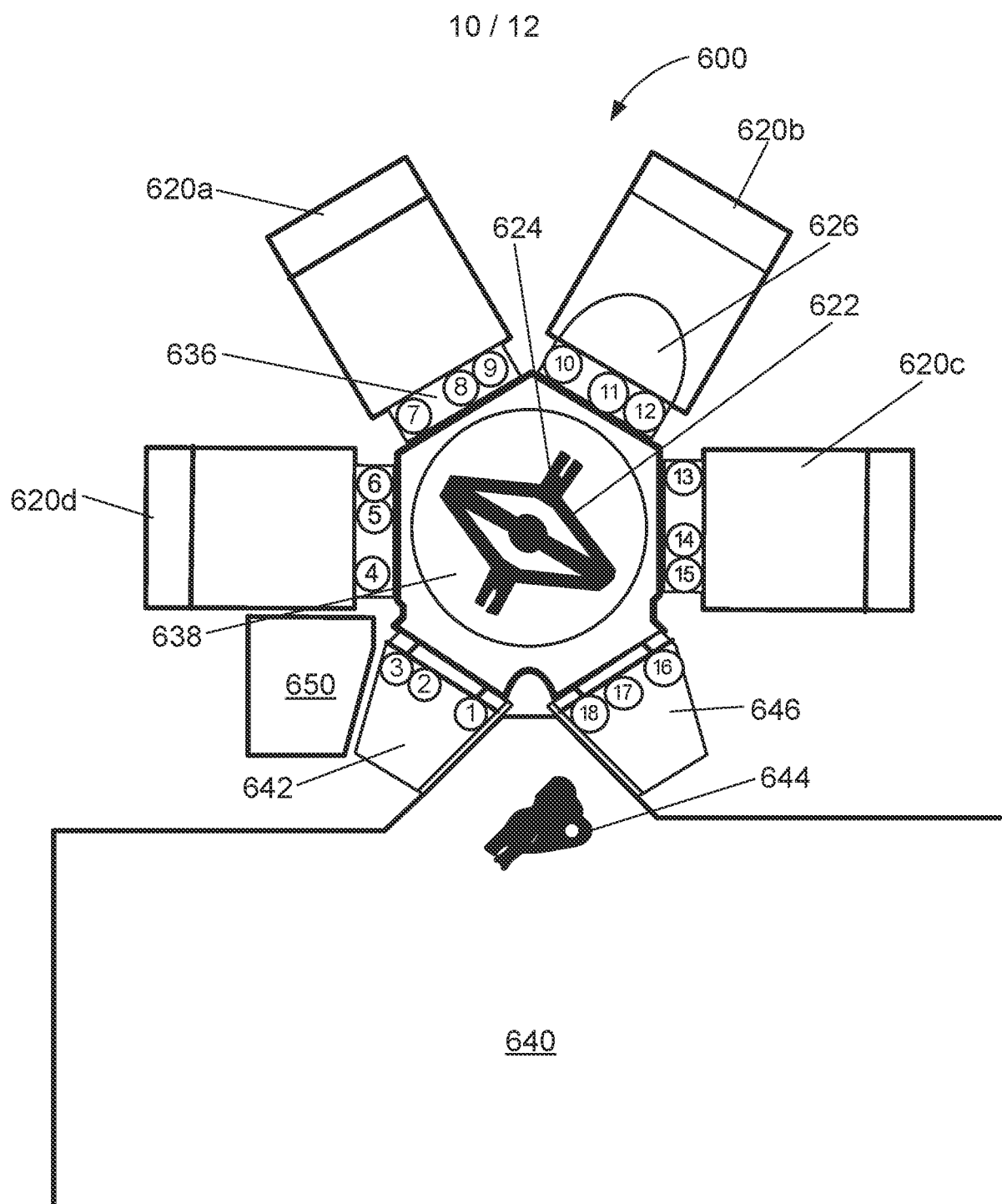
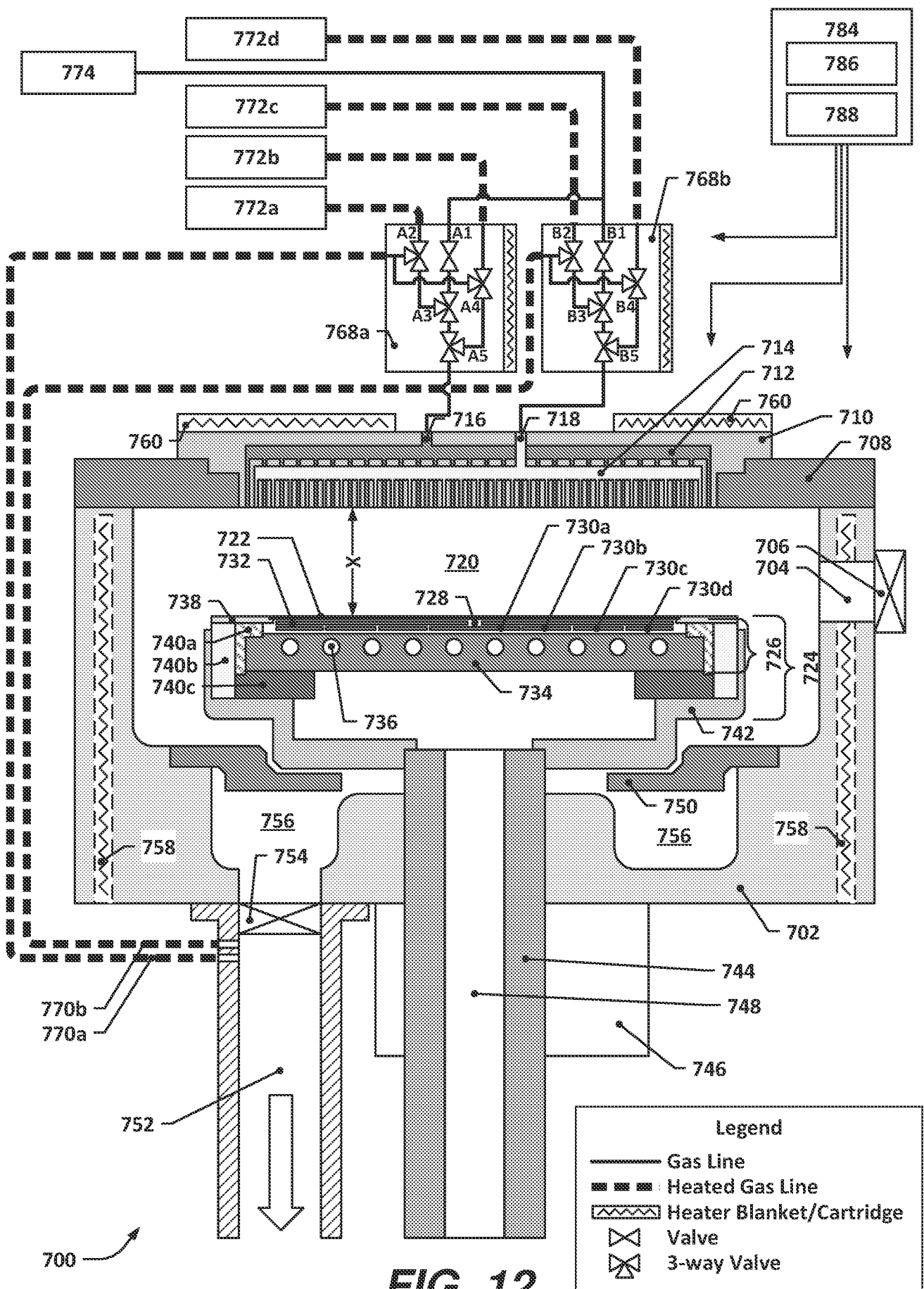


FIG. 11

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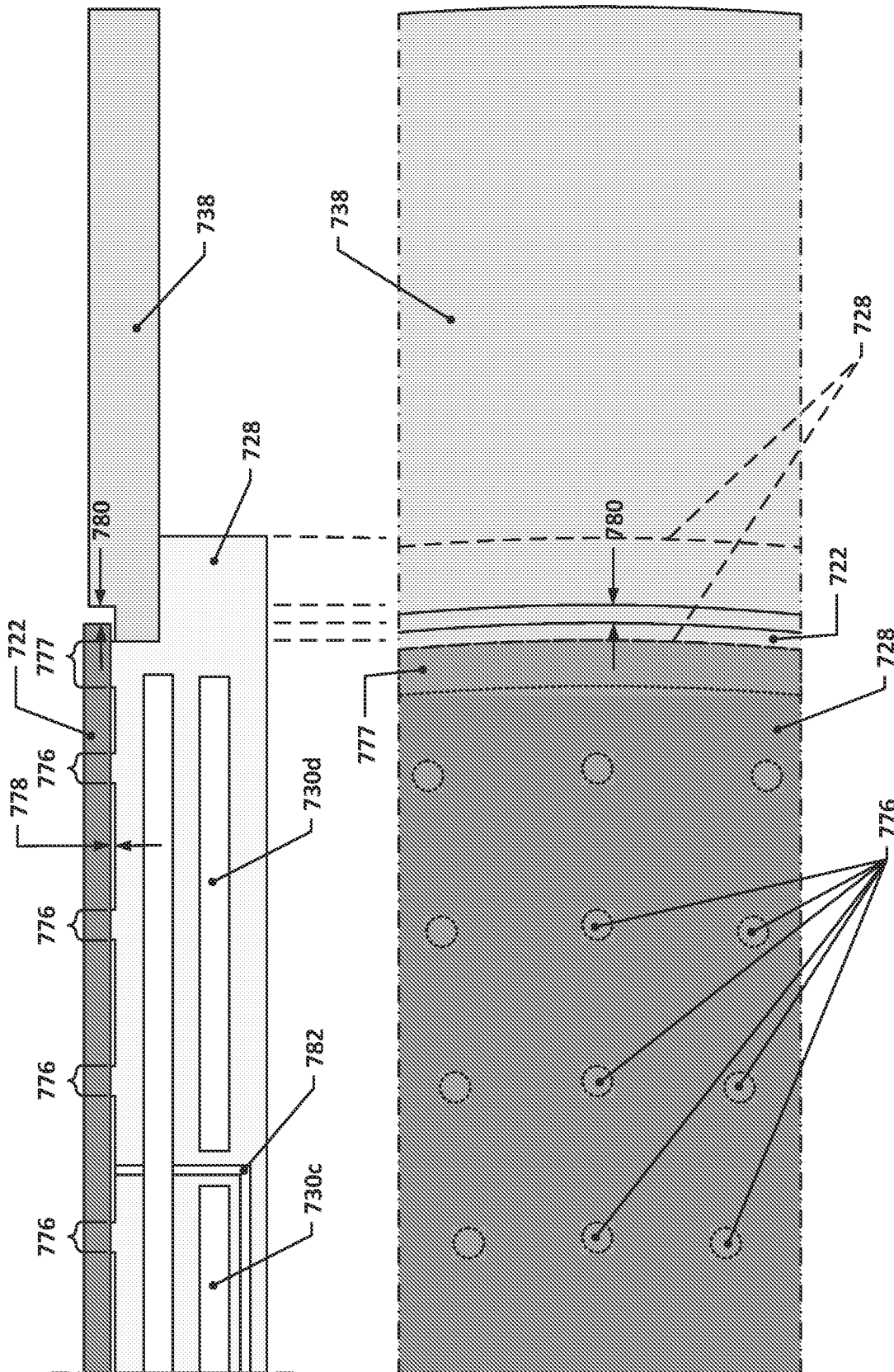


FIG. 13