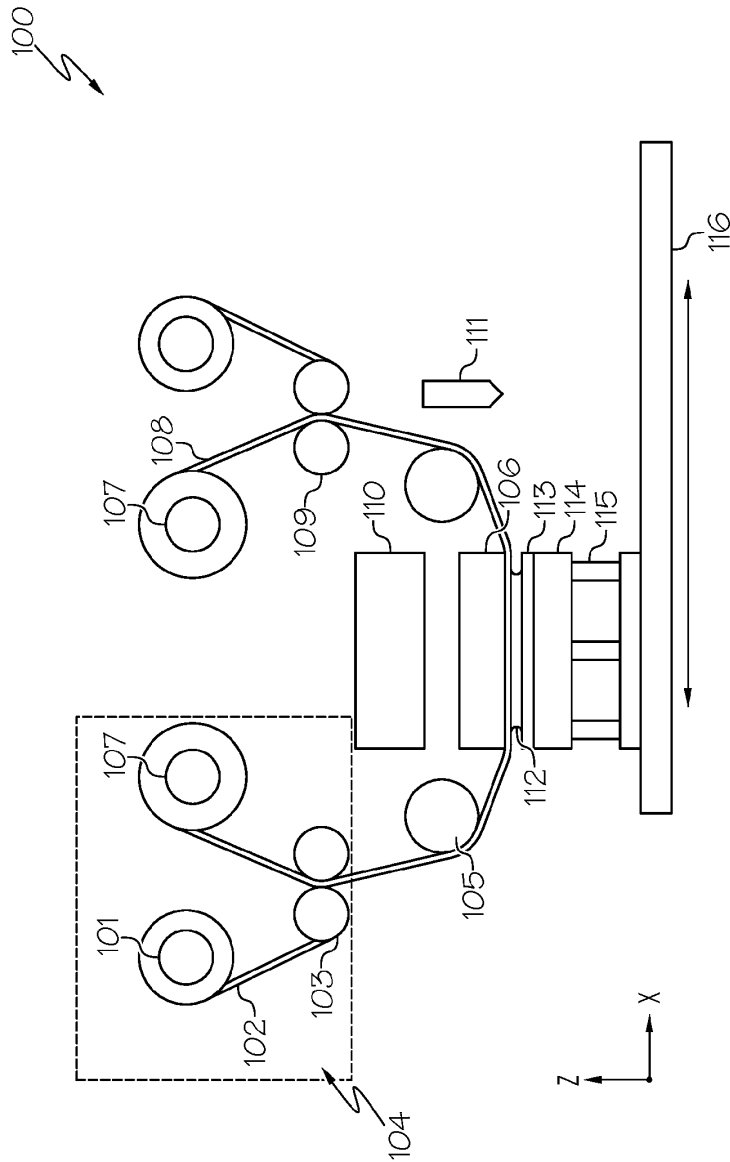
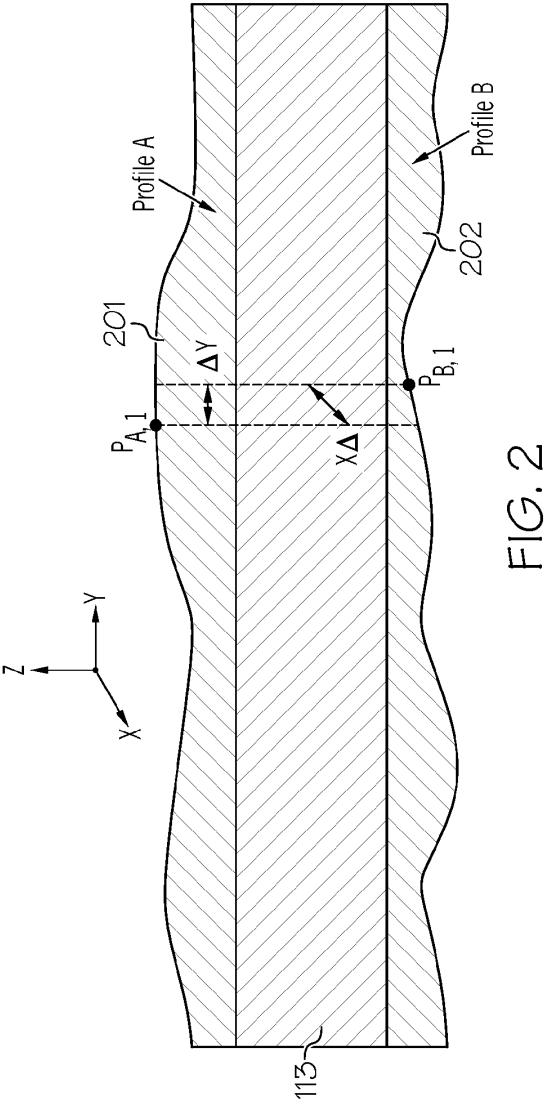






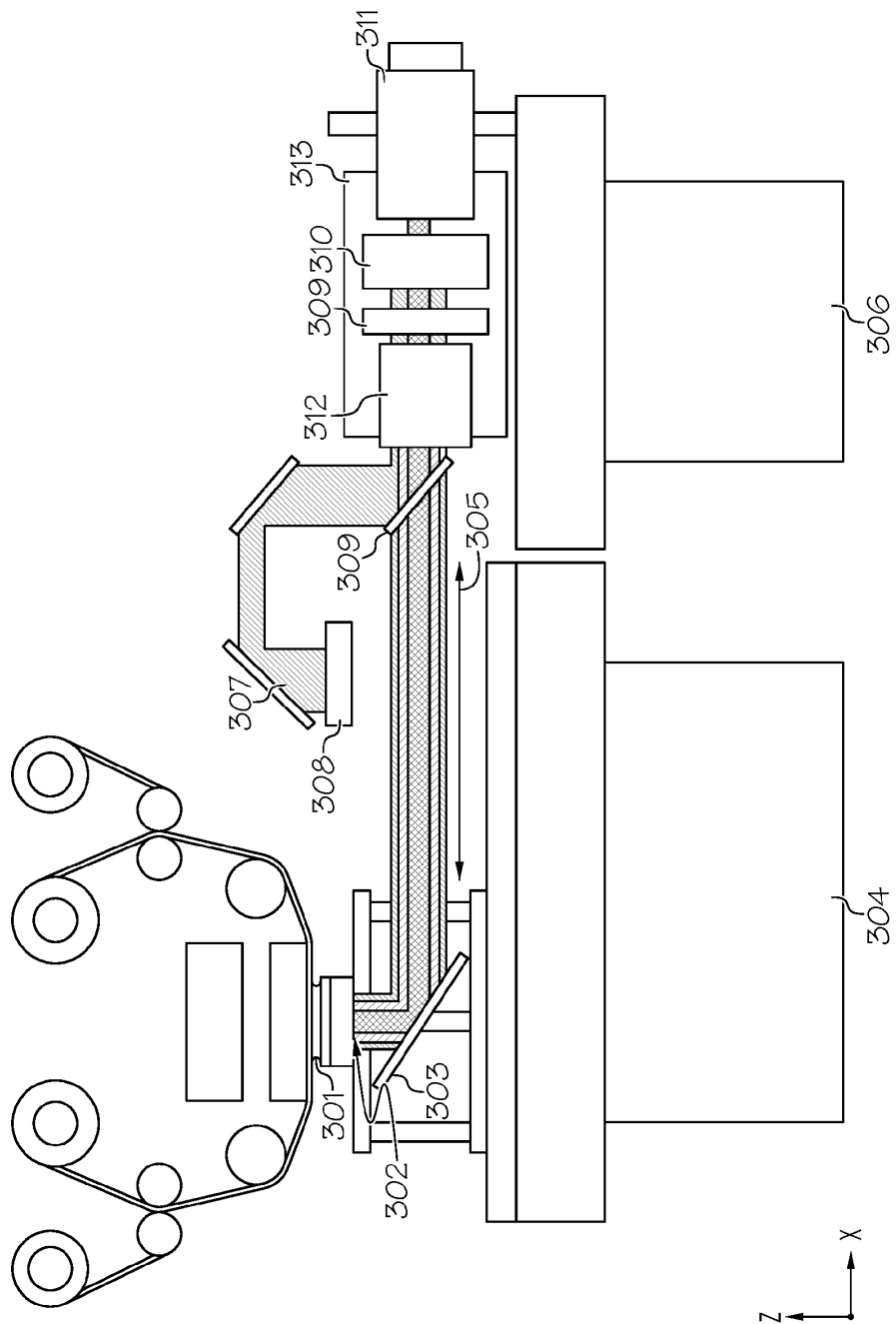
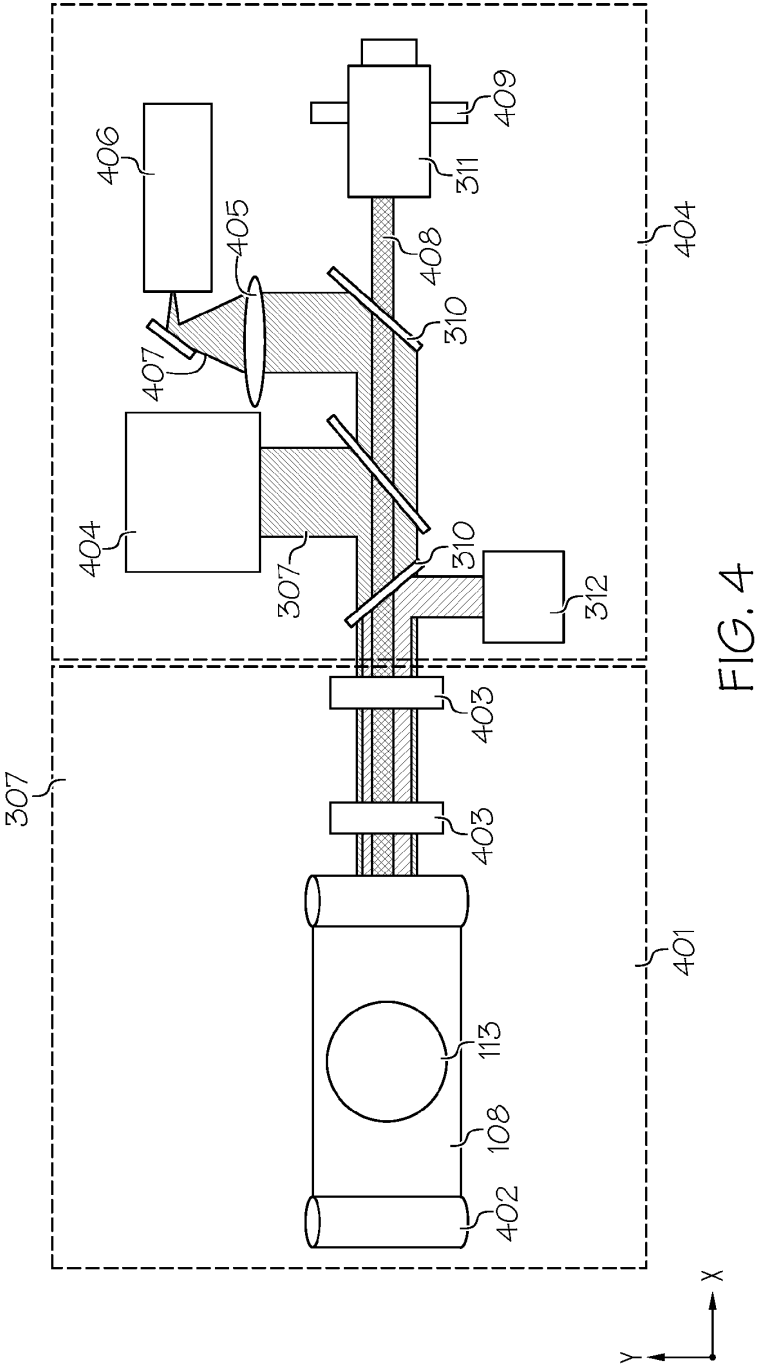
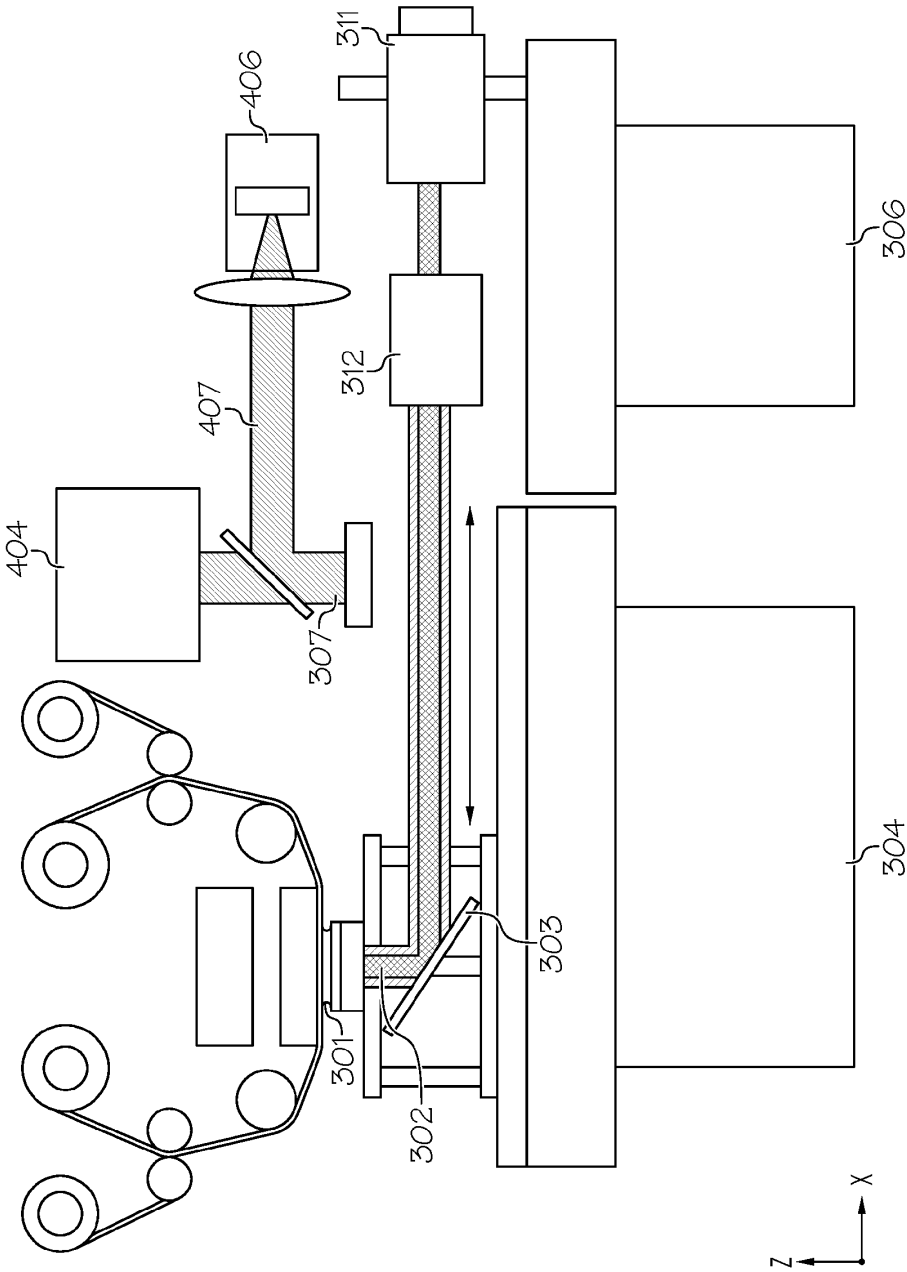
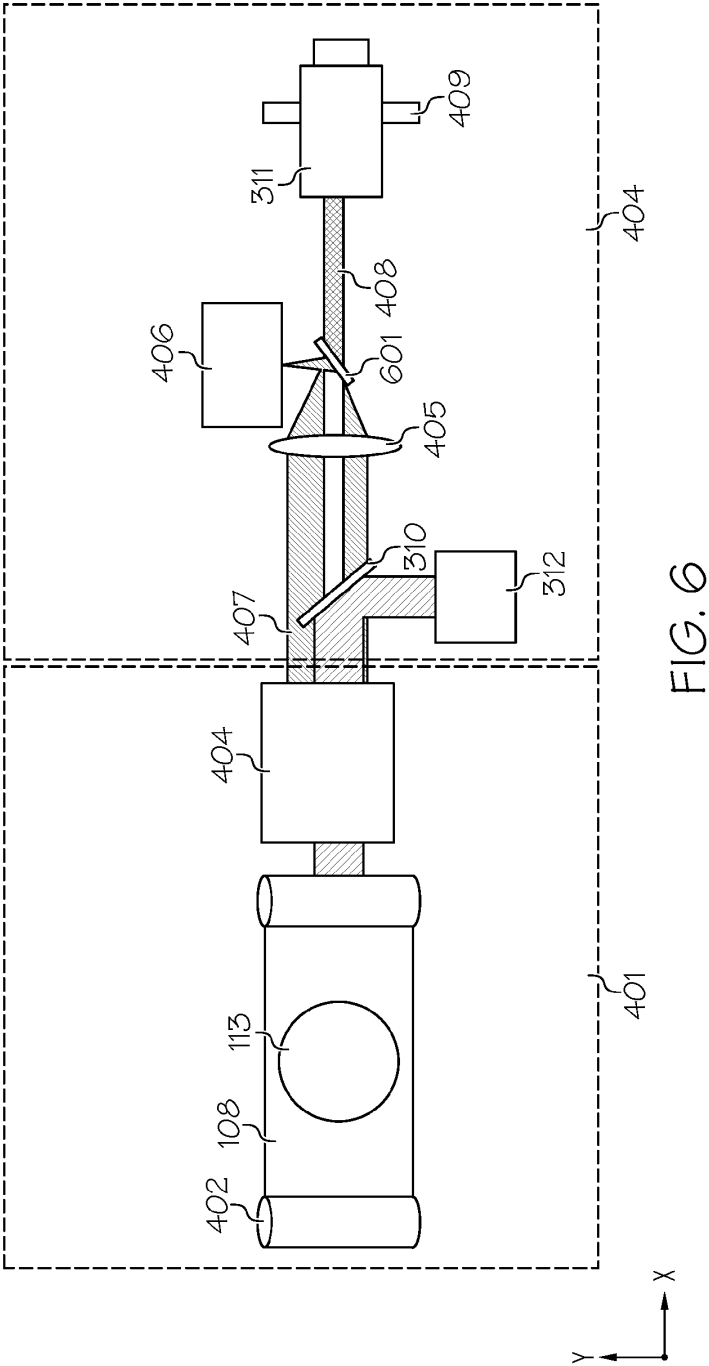


FIG. 3







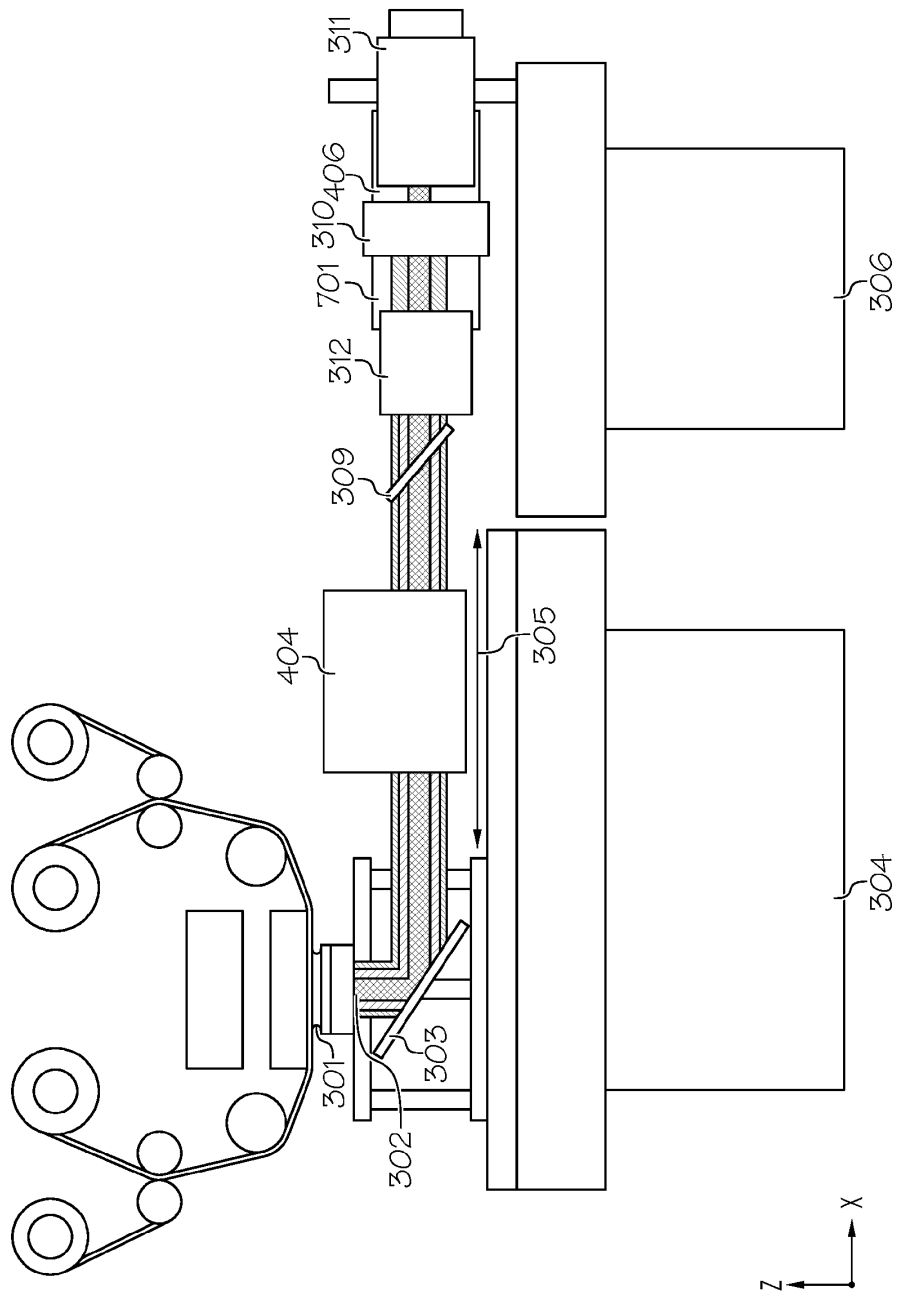
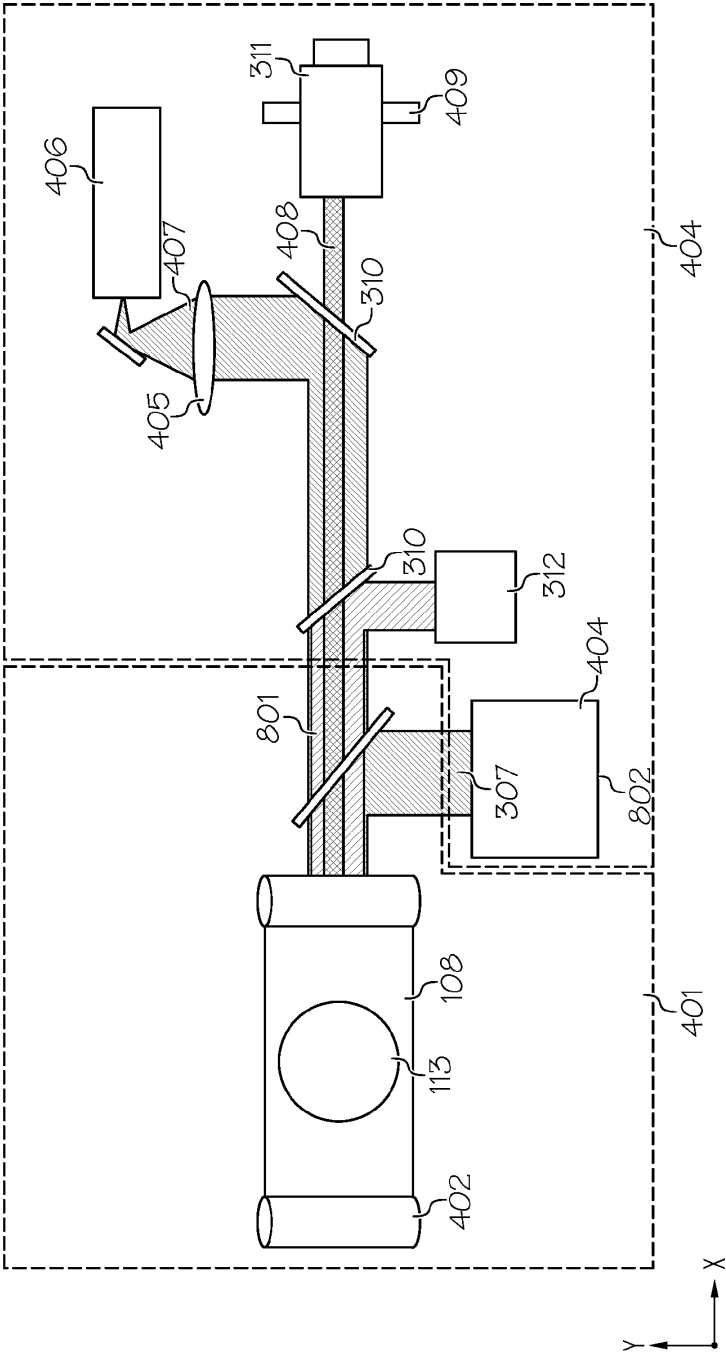
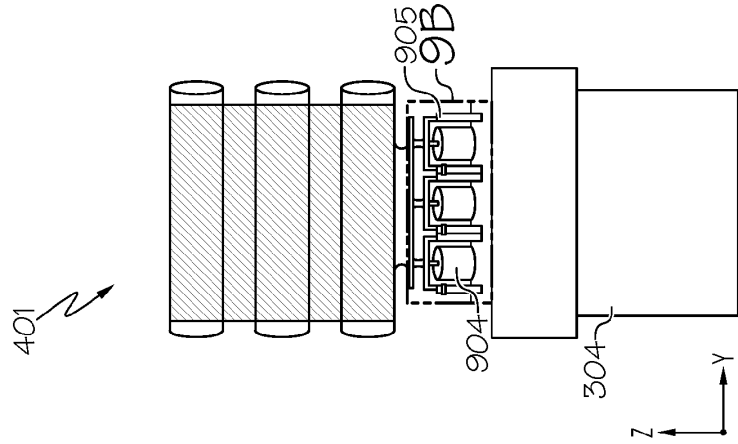
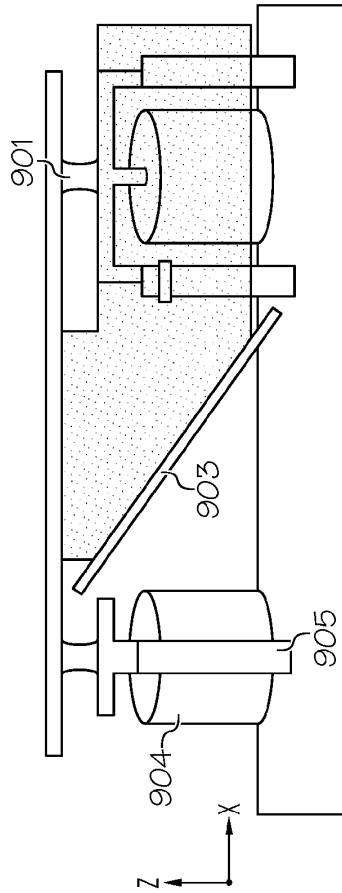
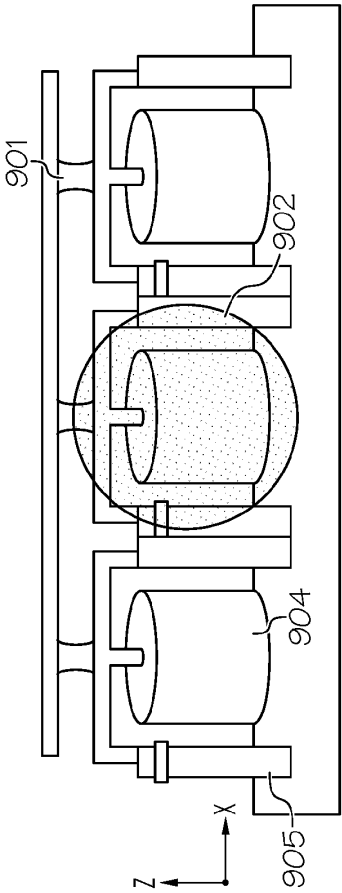


FIG. 7





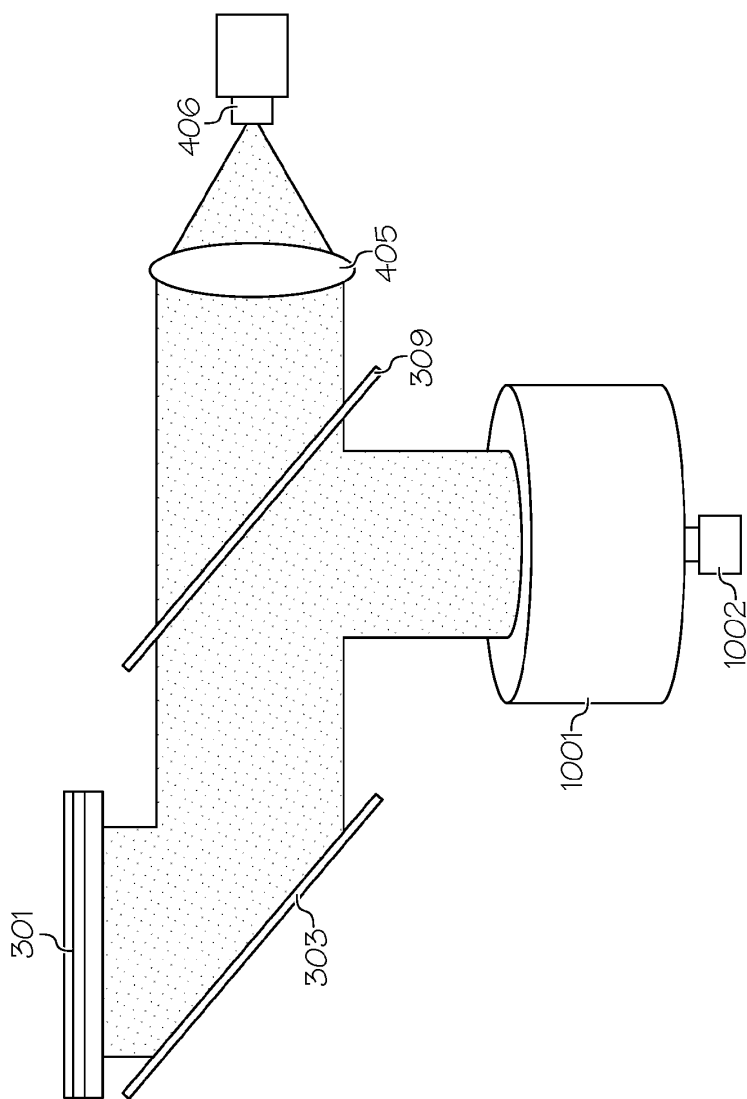


FIG. 10

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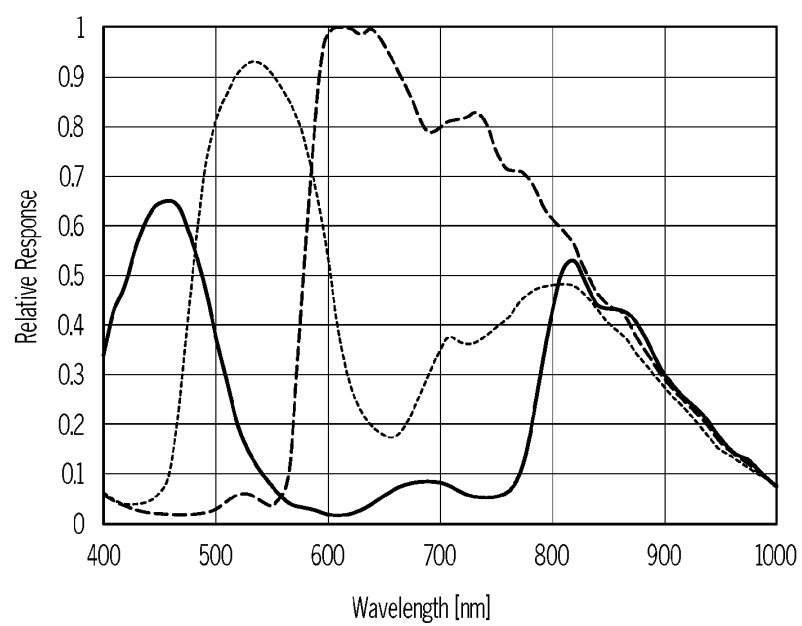


FIG. 11

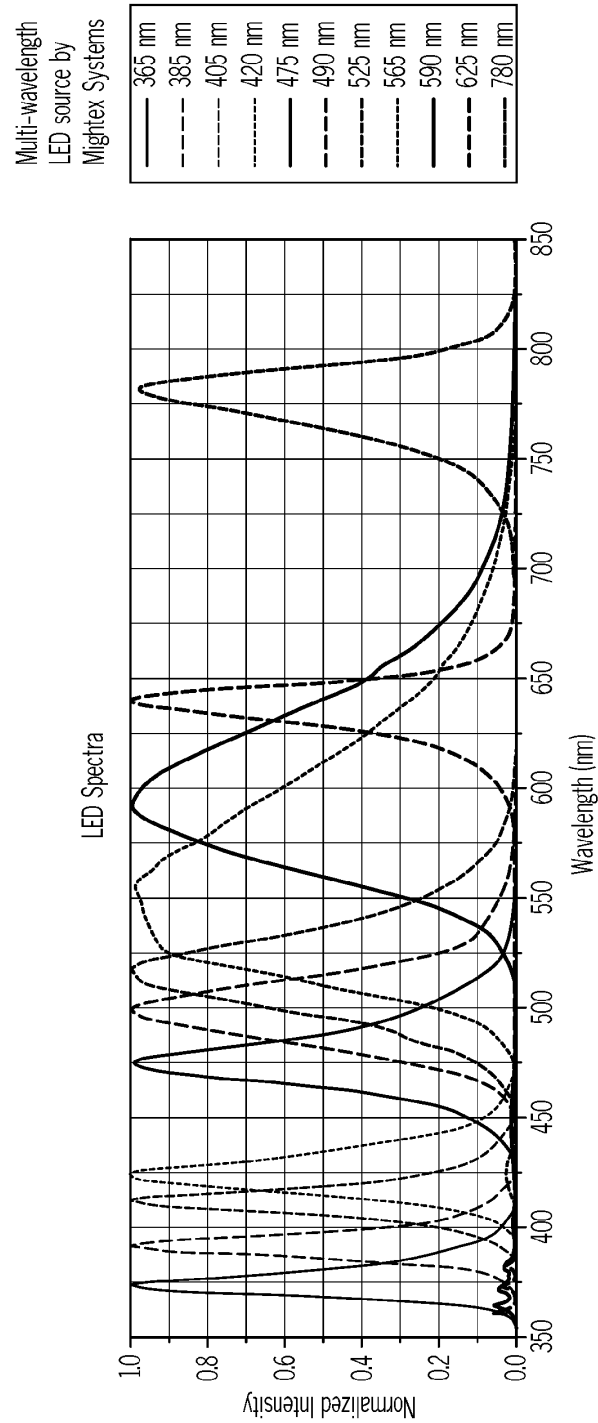
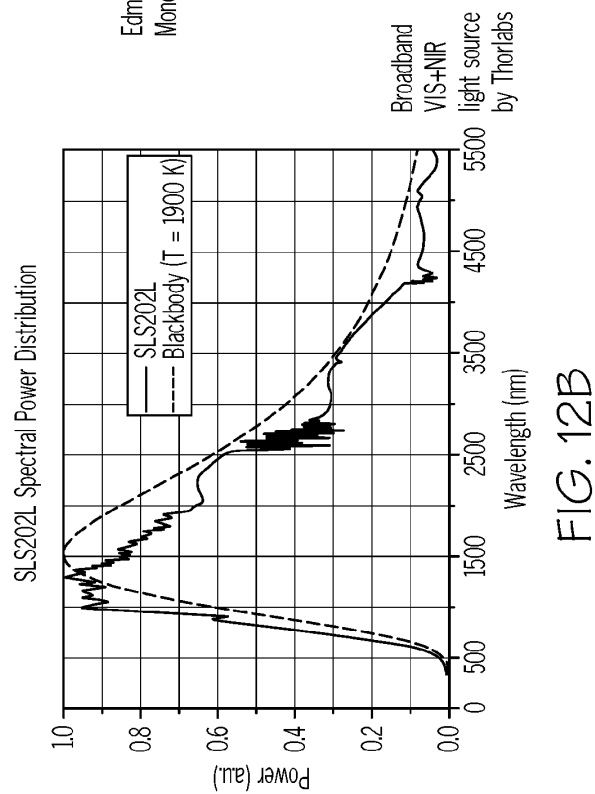
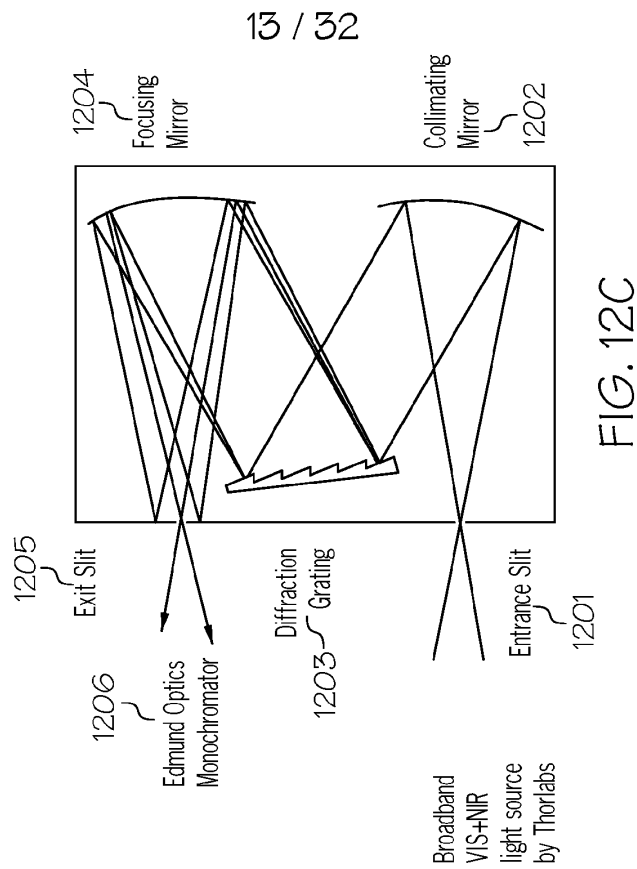


FIG. 12A



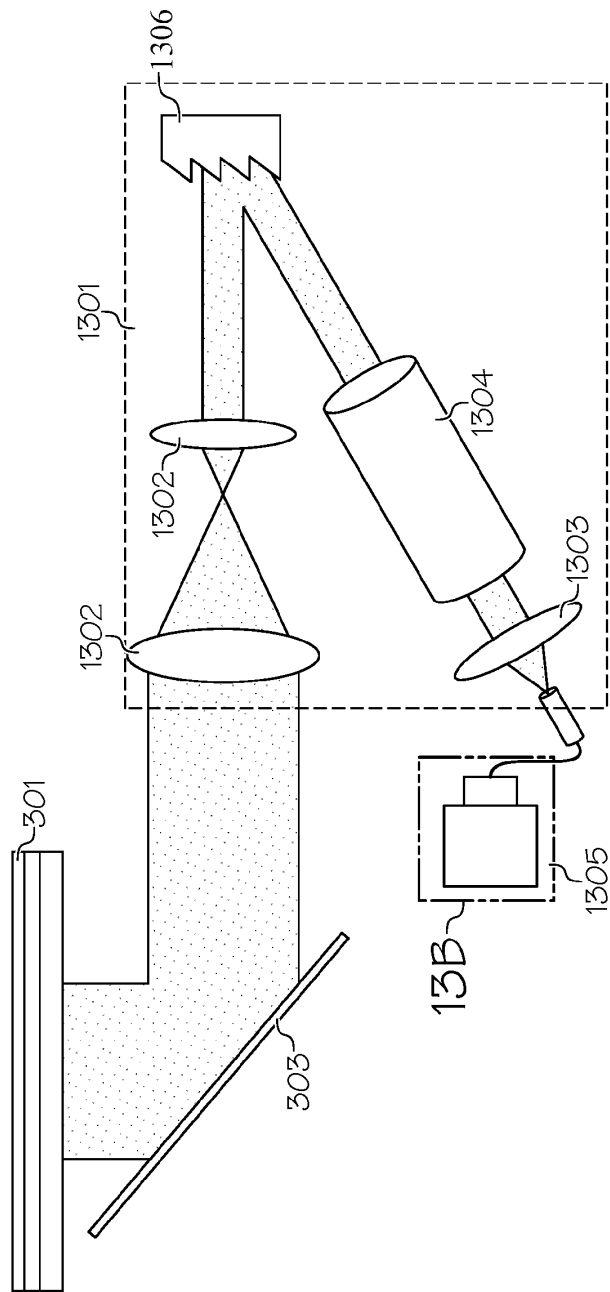


FIG. 13A

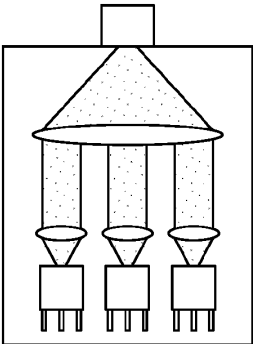


FIG. 13B

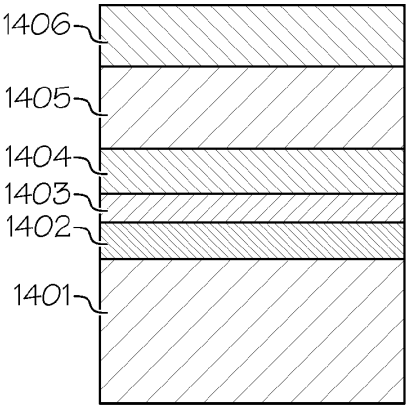


FIG. 14A

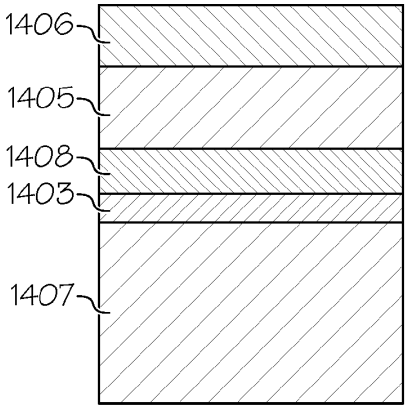


FIG. 14B

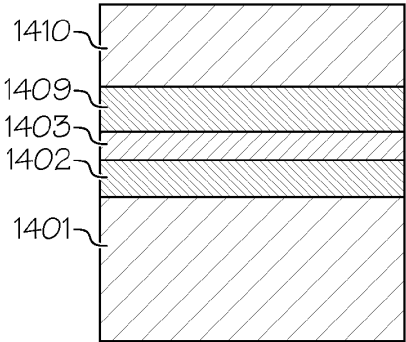


FIG. 14C

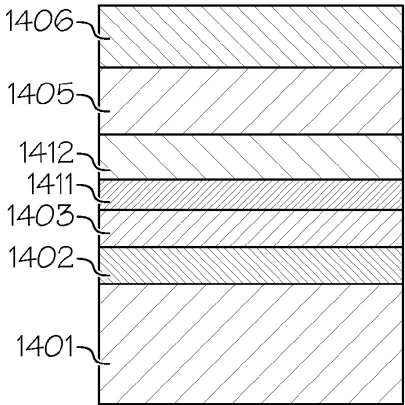


FIG. 14D

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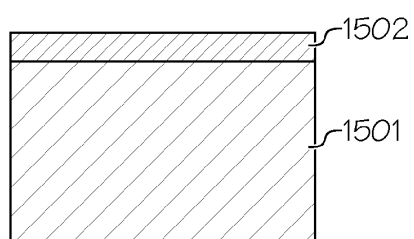


FIG. 15A

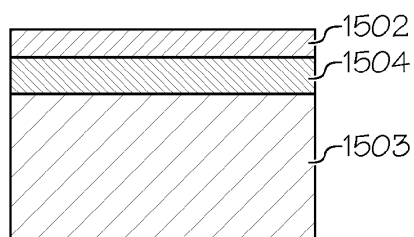


FIG. 15B

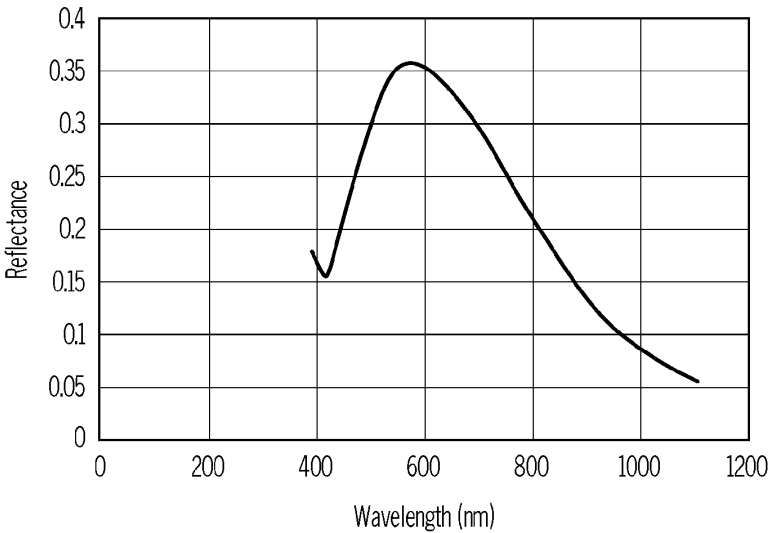


FIG. 16A

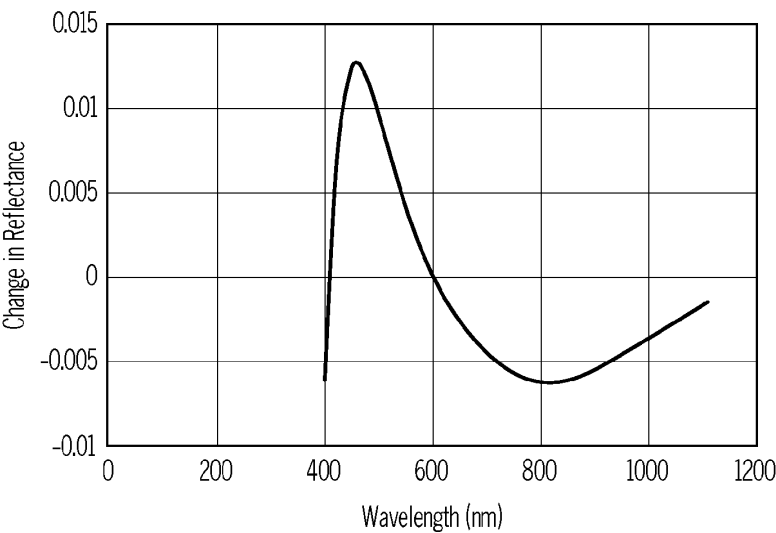


FIG. 16B

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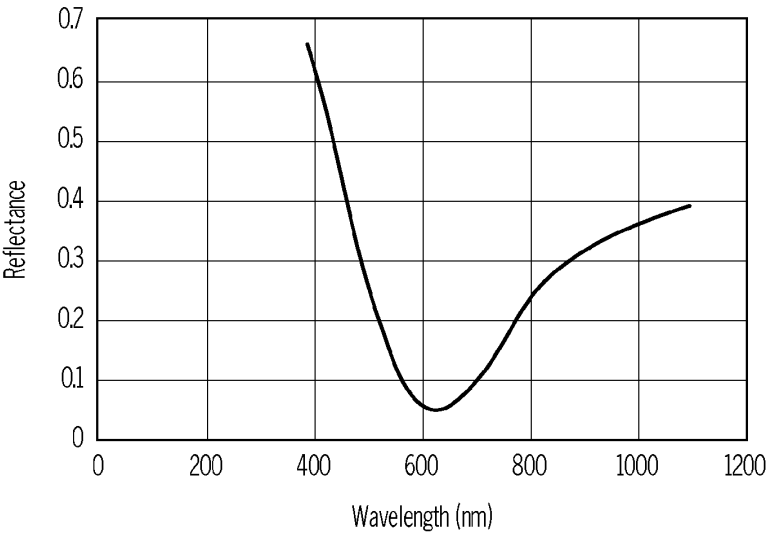


FIG. 17A

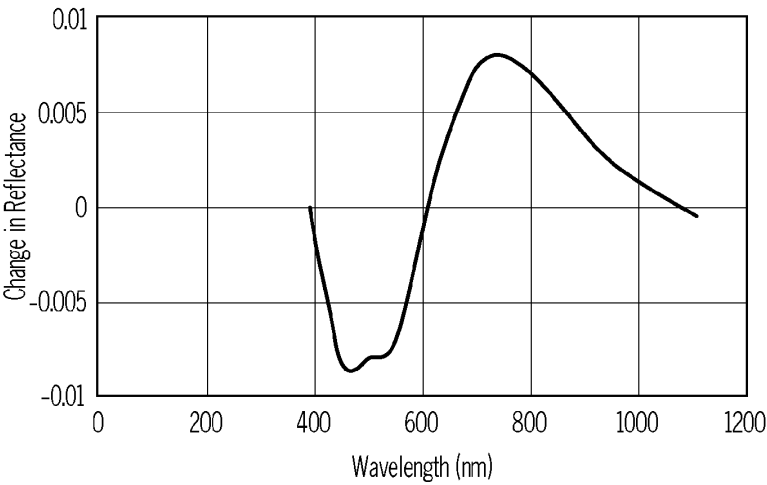


FIG. 17B

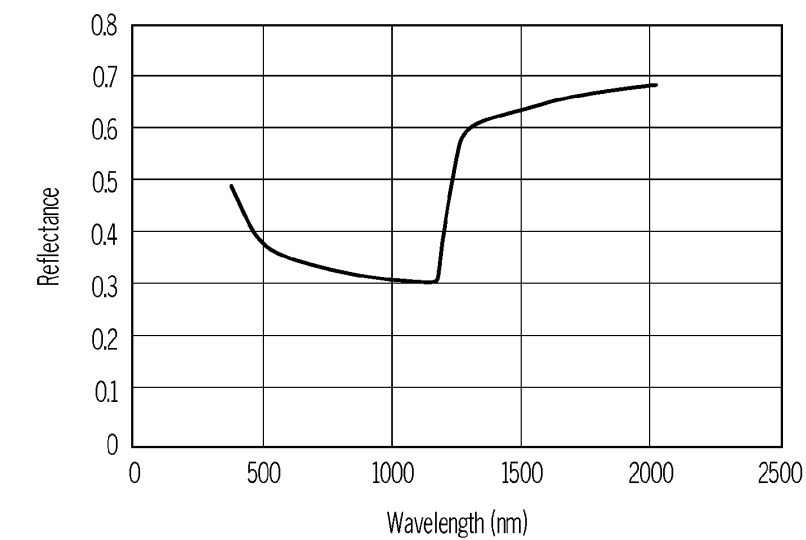


FIG. 18A

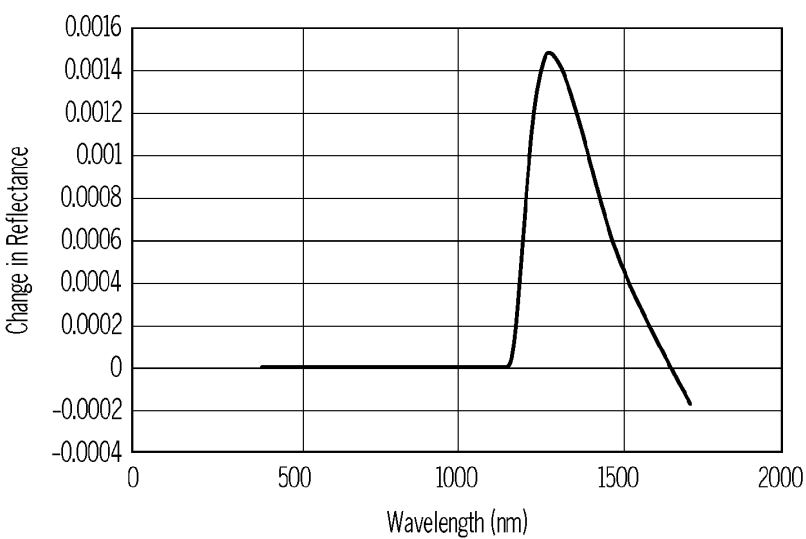
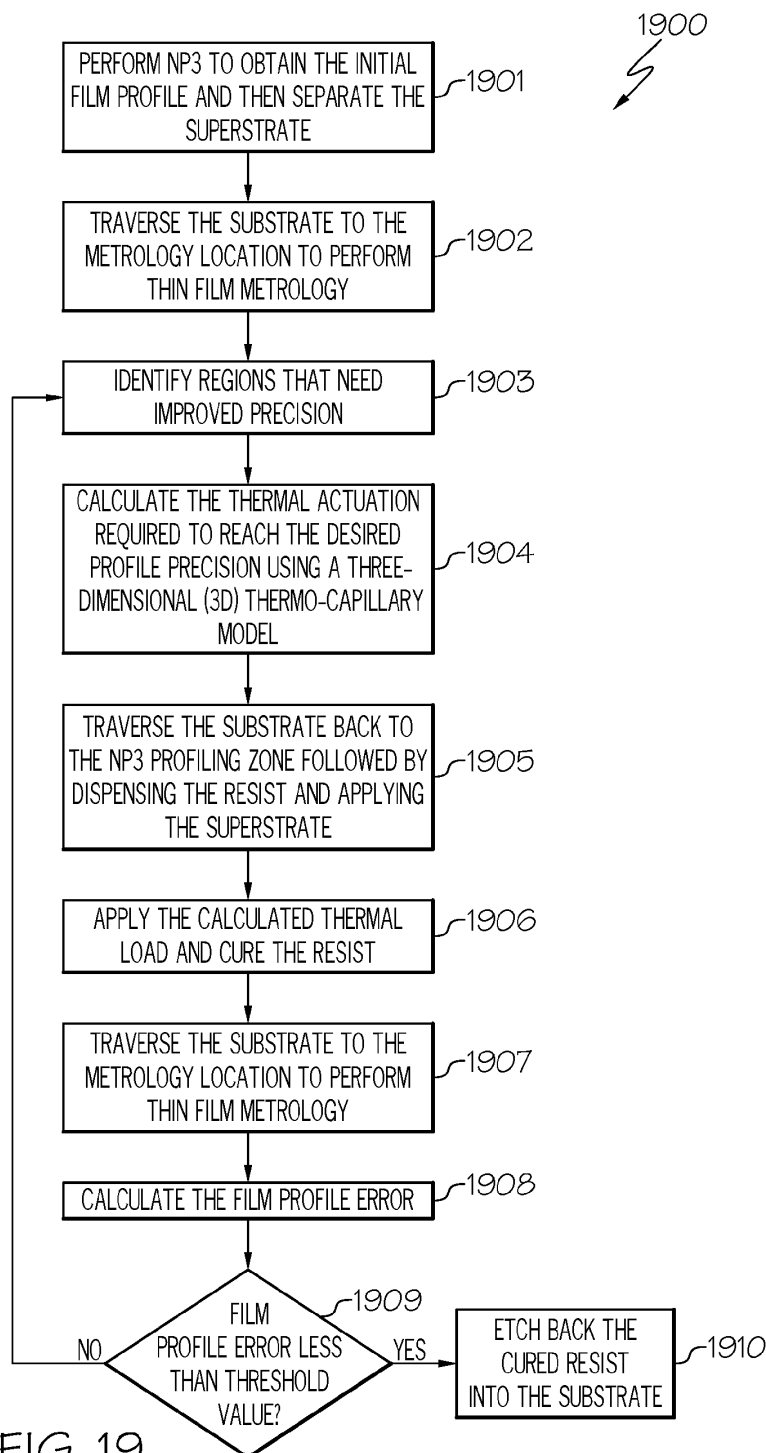


FIG. 18B

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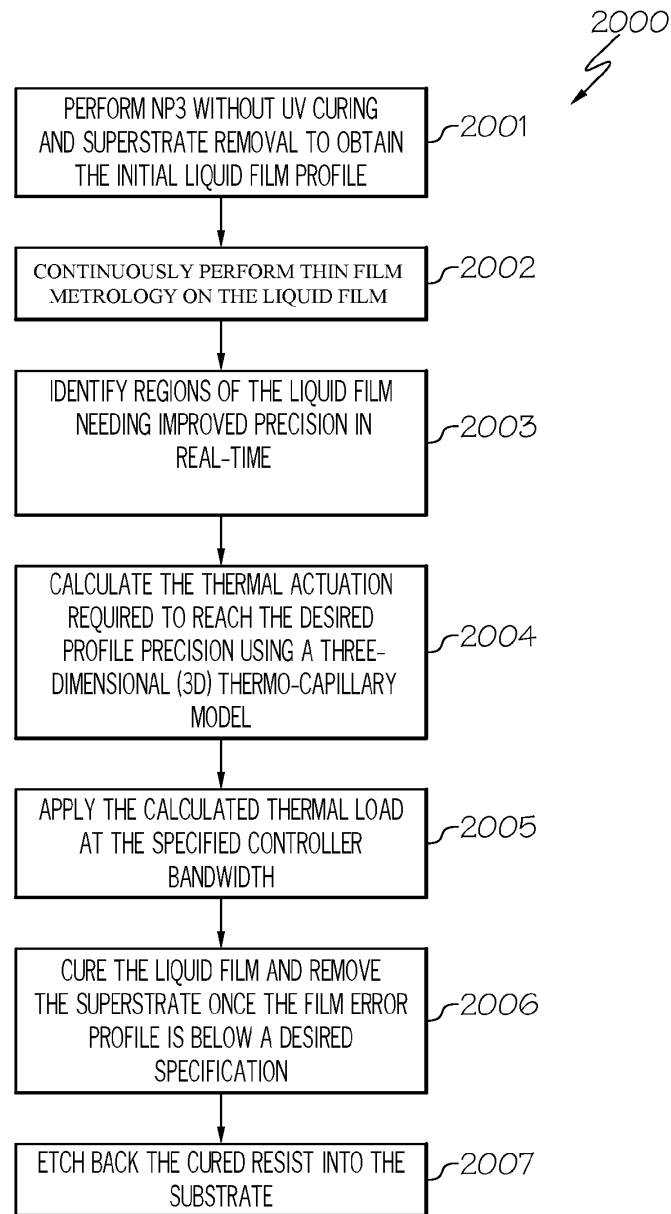


FIG. 20

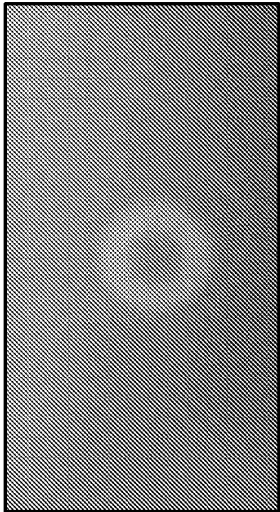


FIG. 21B

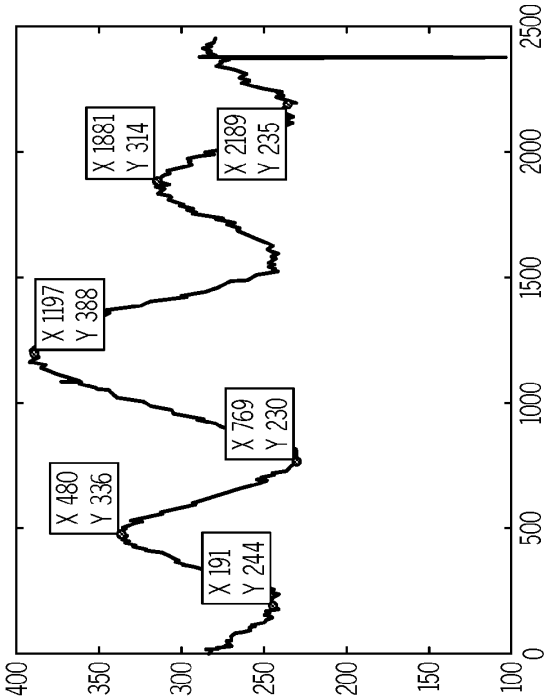


FIG. 21C

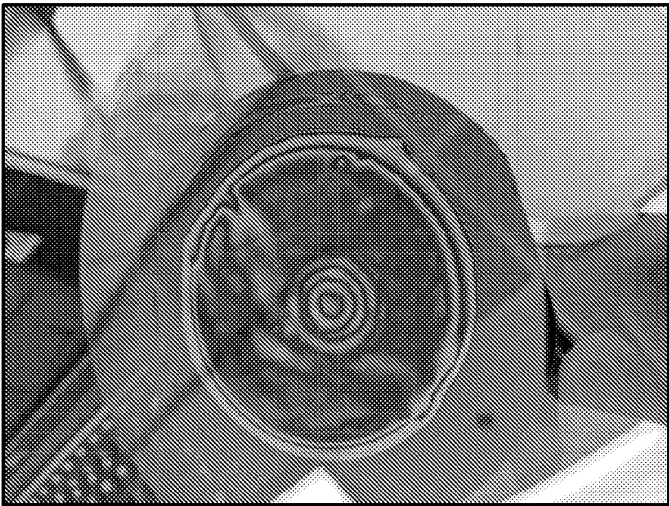


FIG. 21A

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Silicon / Resist Interface

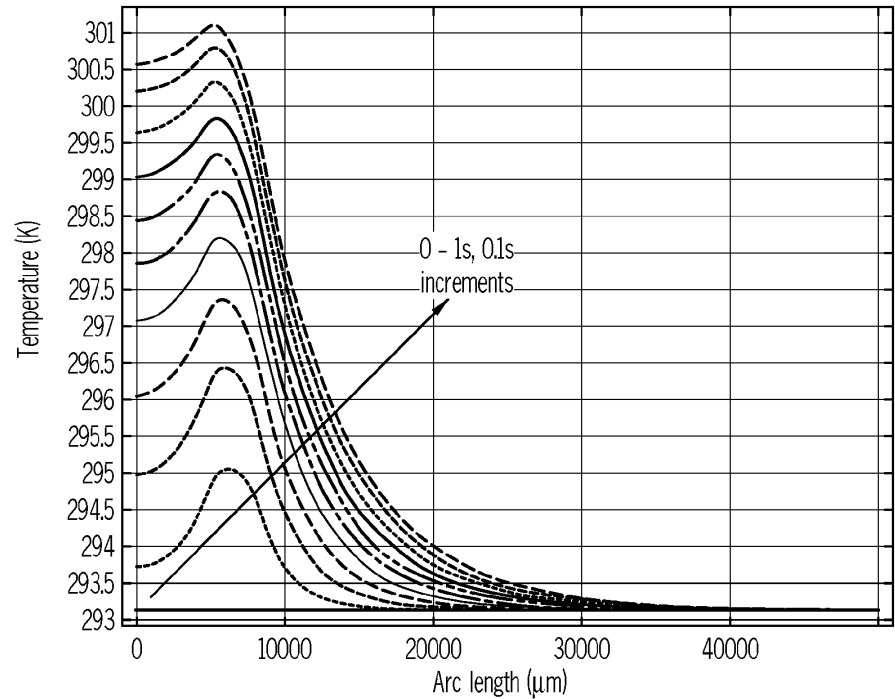


FIG. 22A

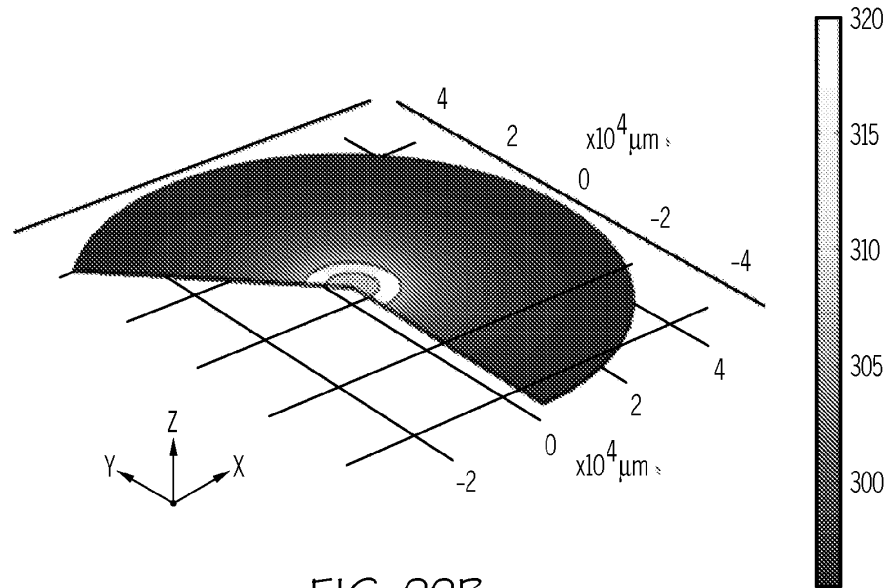


FIG. 22B

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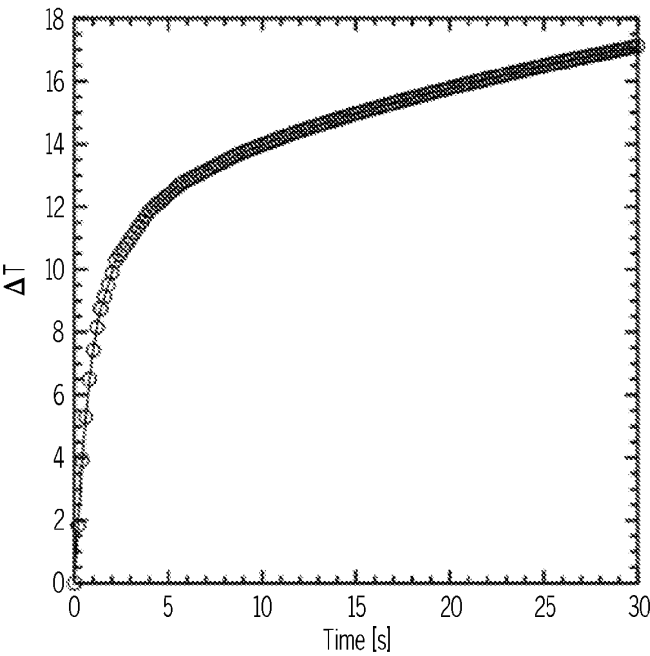


FIG. 22C

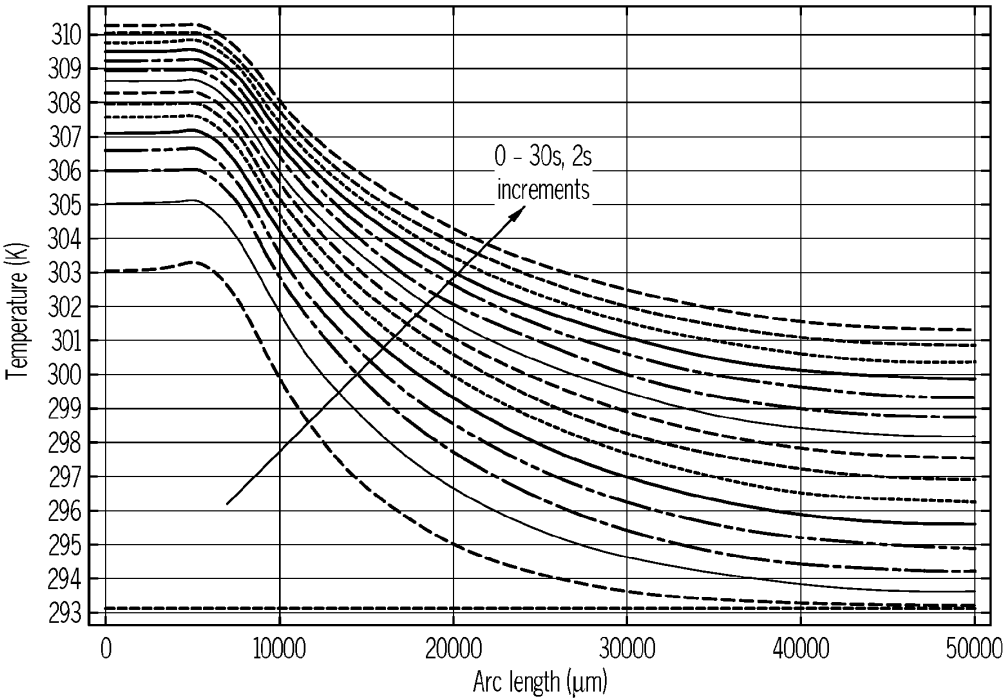


FIG. 22D

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Material	Thickness	k(W/mK)	rho [kg/m ³]	Cp [J/kgK]
PC	150 μm	0.22	1150	1250
Resist (Acrylic)	500 μm	0.18	1180	1470
Silicon	500 μm	131	2329	700

FIG. 22E

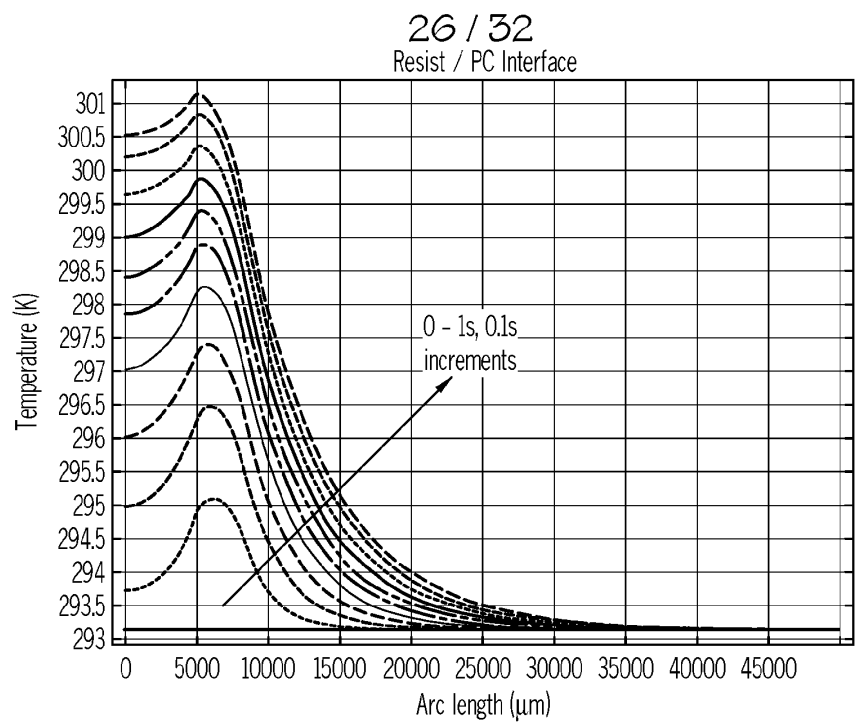


FIG. 23A

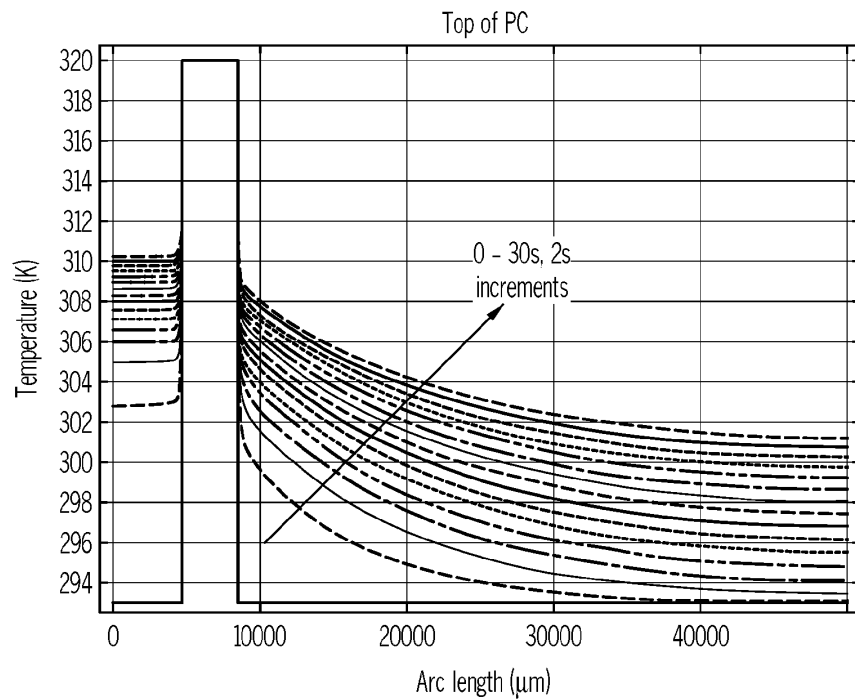


FIG. 23B

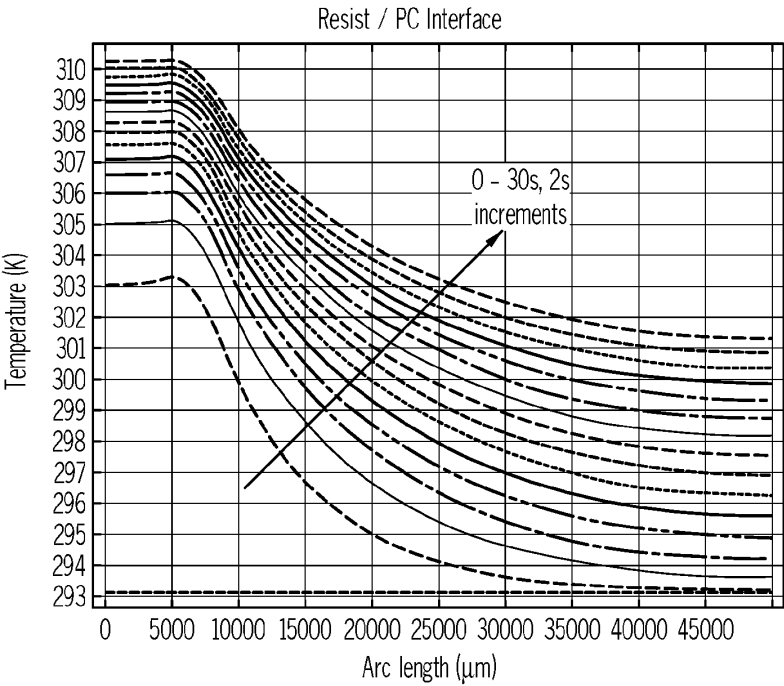


FIG. 23C

Material	Thickness	k(W/mK)	rho [kg/m ³]	Cp [J/kgK]
PC	150 μm	0.22	1150	1250
Resist (Acrylic)	500 μm	0.18	1180	1470
PC	500 μm	0.22	1150	1250

FIG. 24A

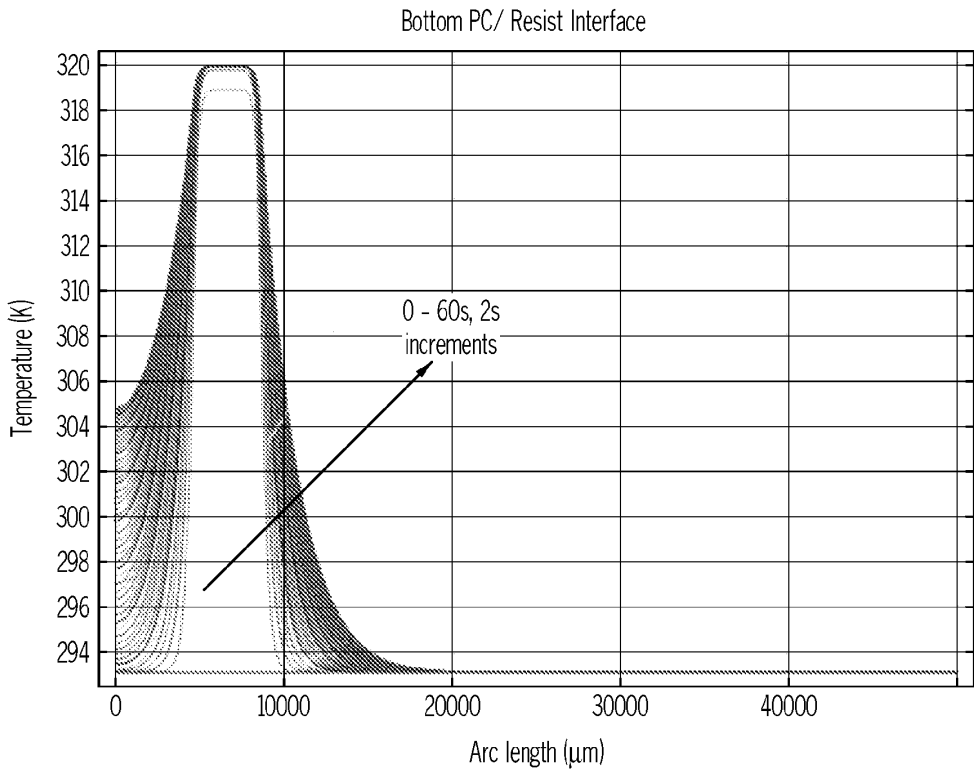


FIG. 24B

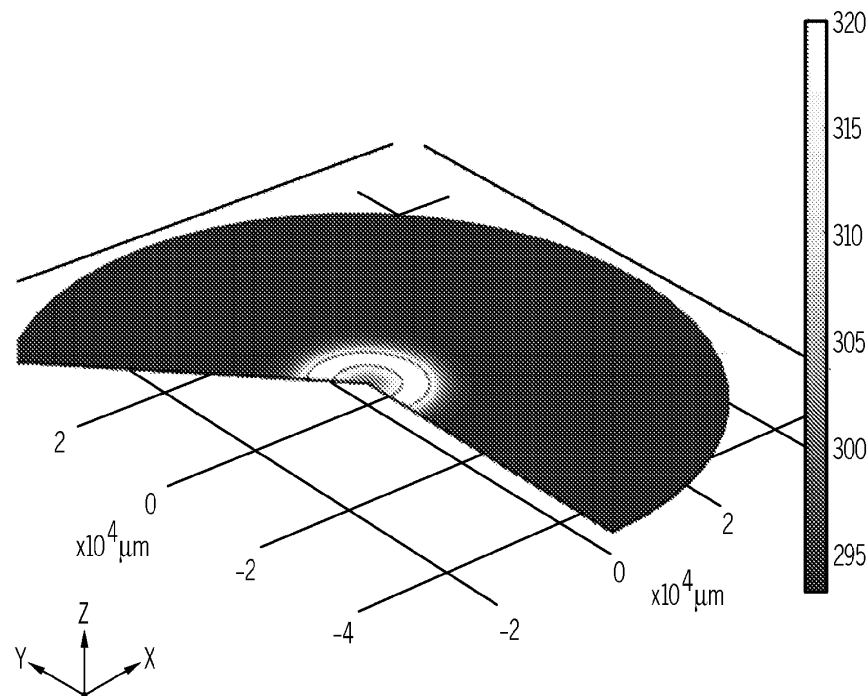


FIG. 24C

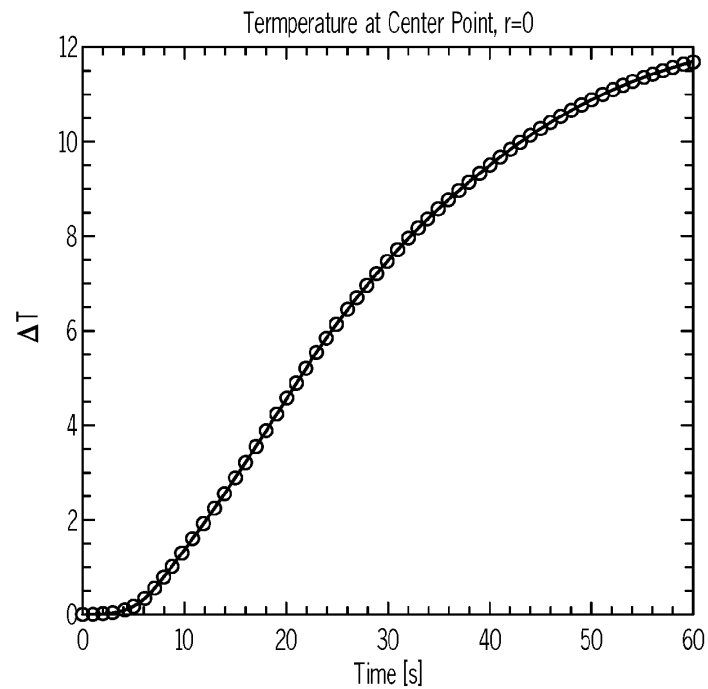


FIG. 24D

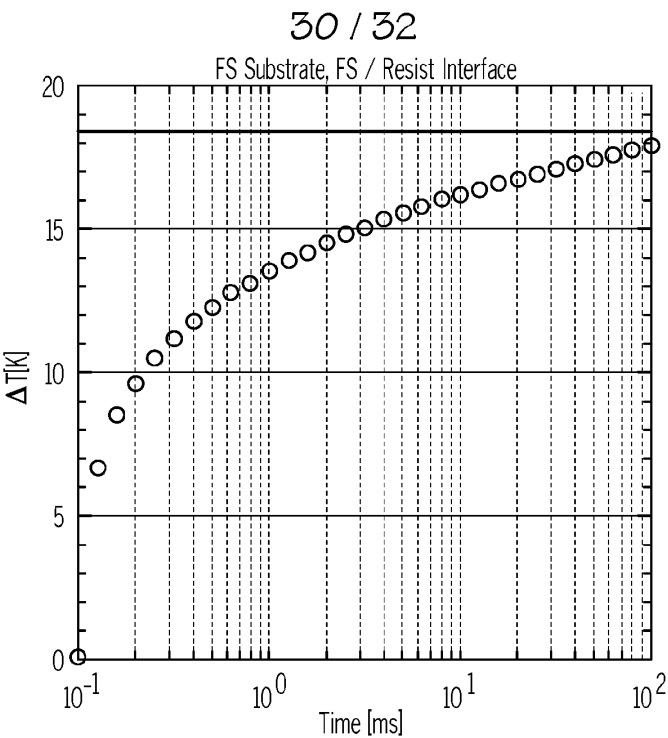


FIG. 25A

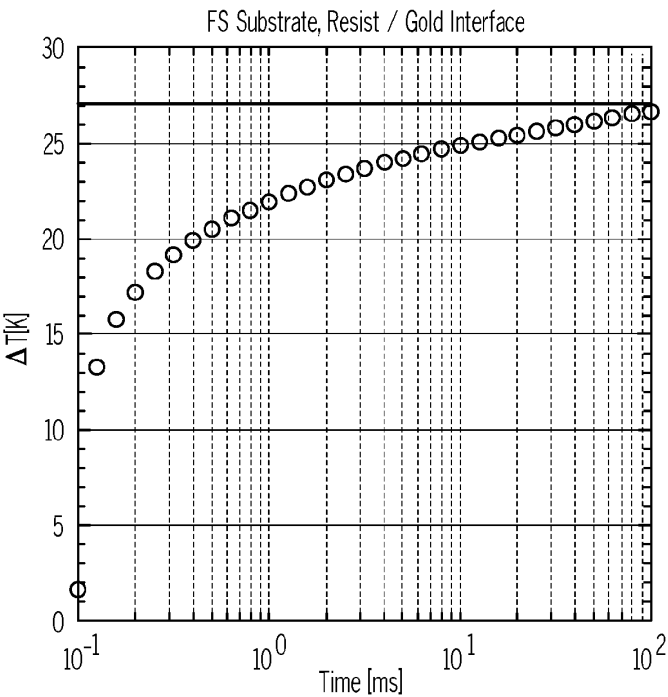


FIG. 25B

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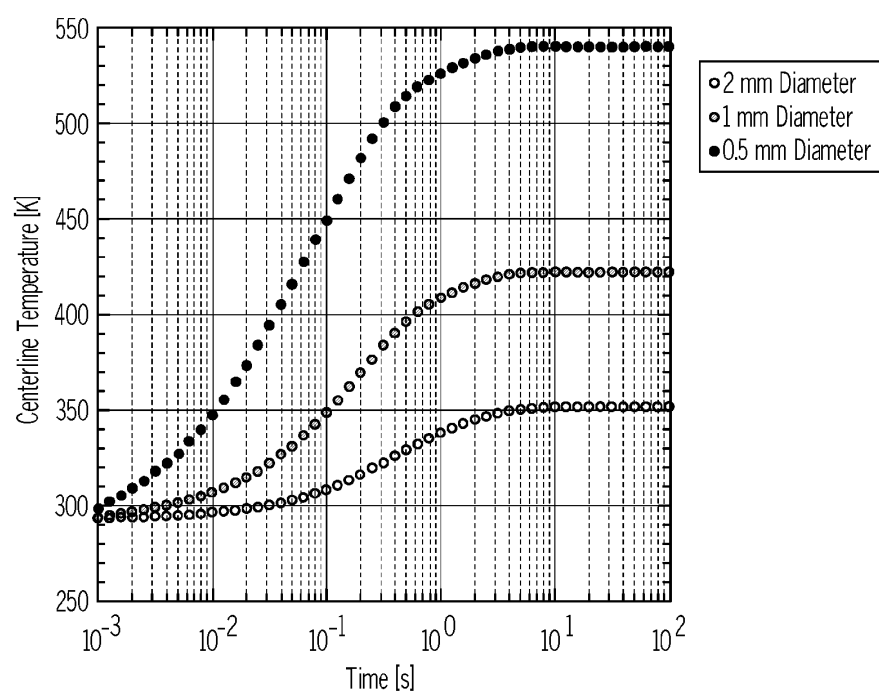


FIG. 26

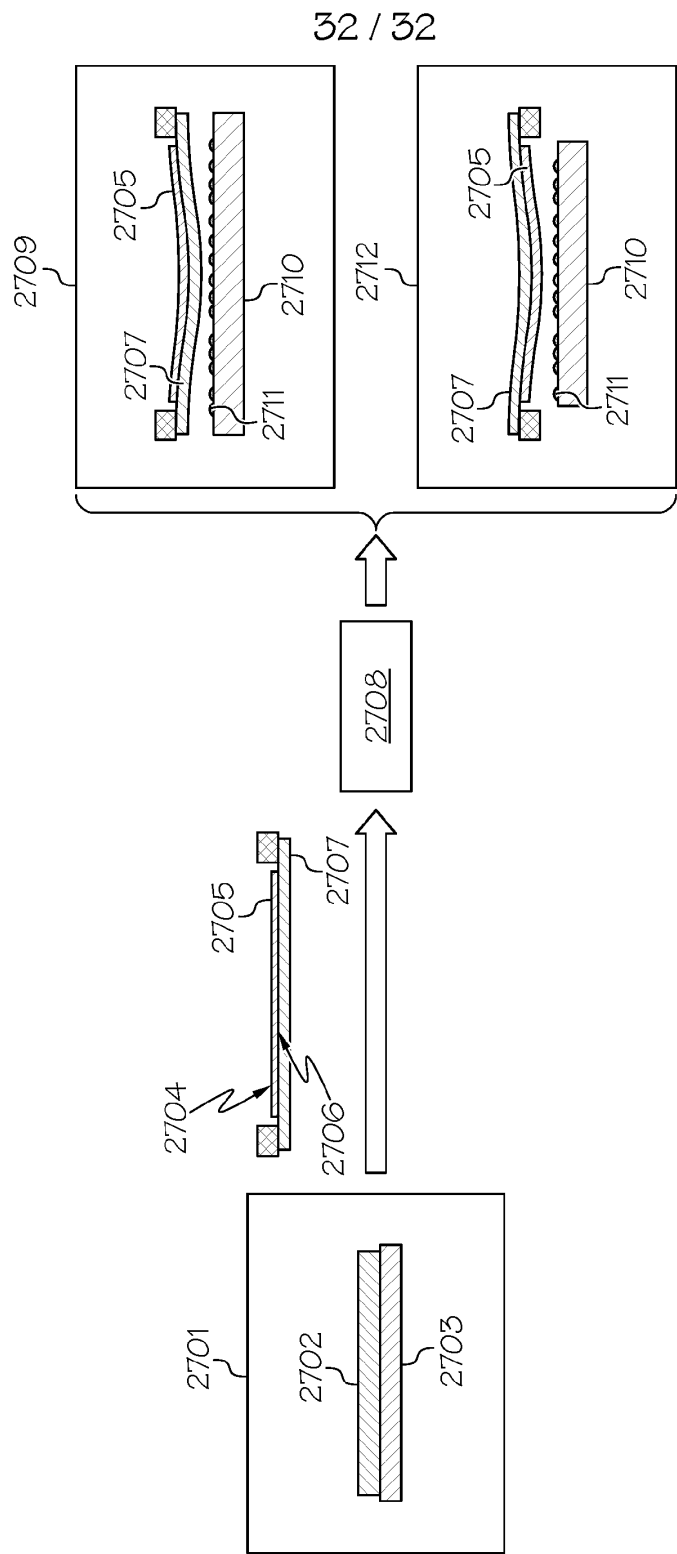


FIG. 27