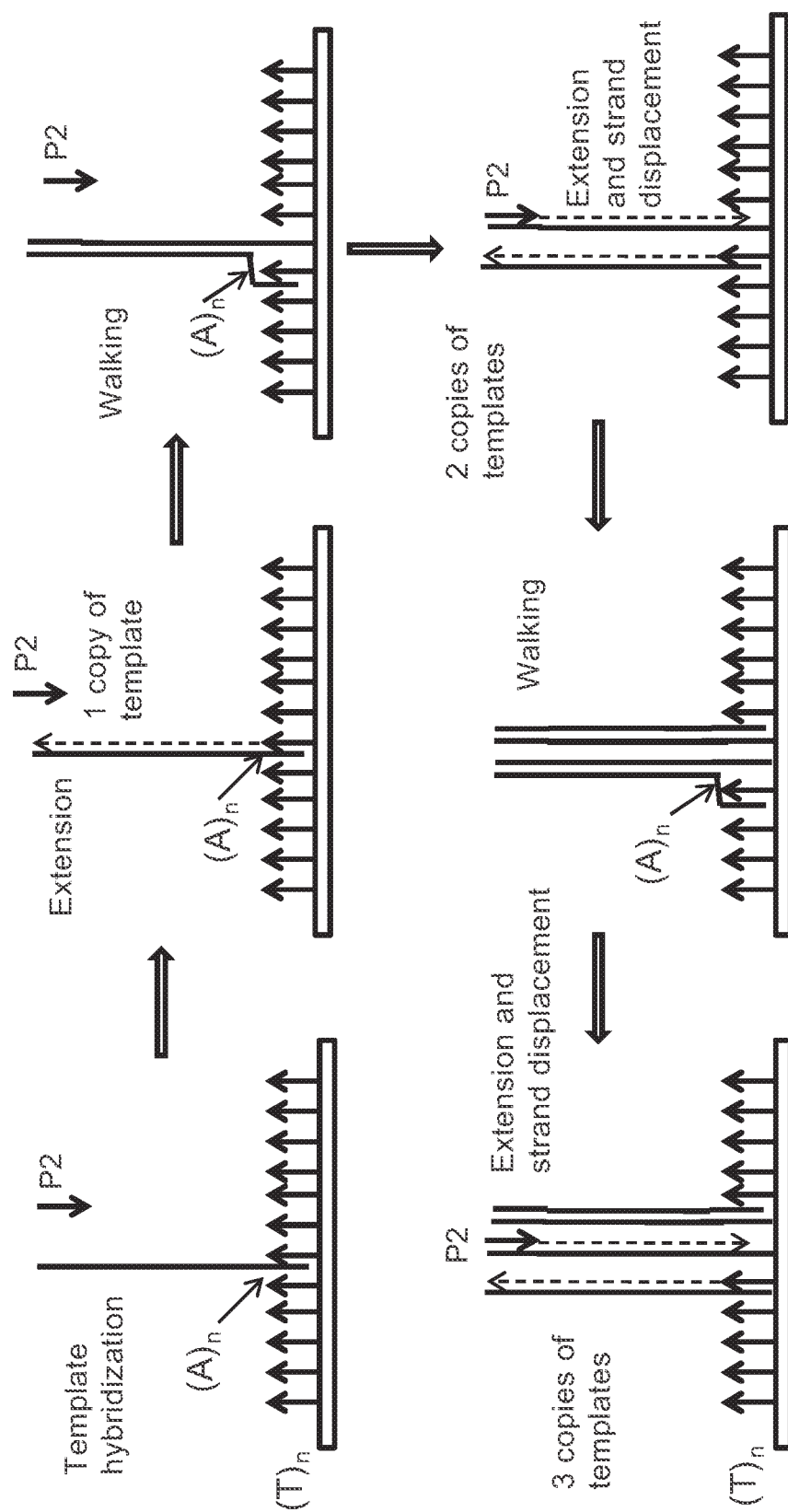


Template Waking with Poly(T) Primer on the Surface



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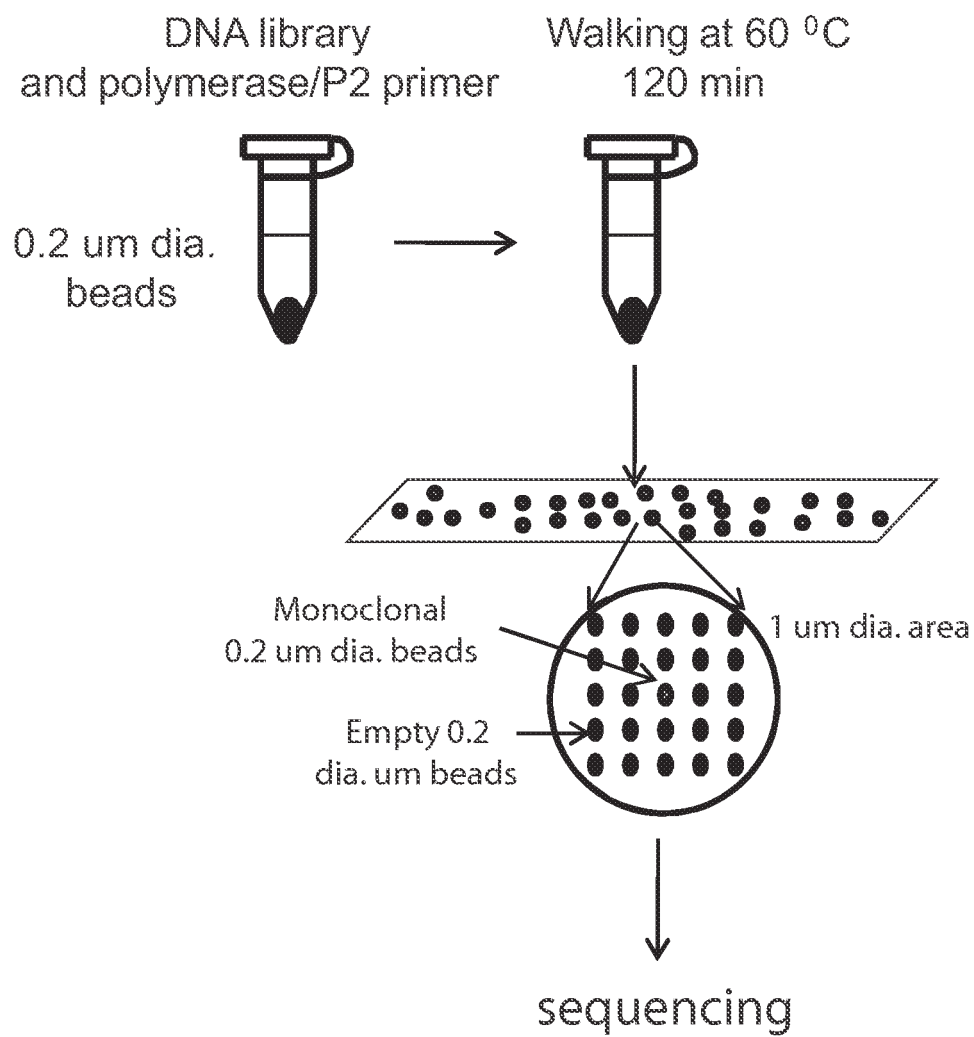


FIG. 2

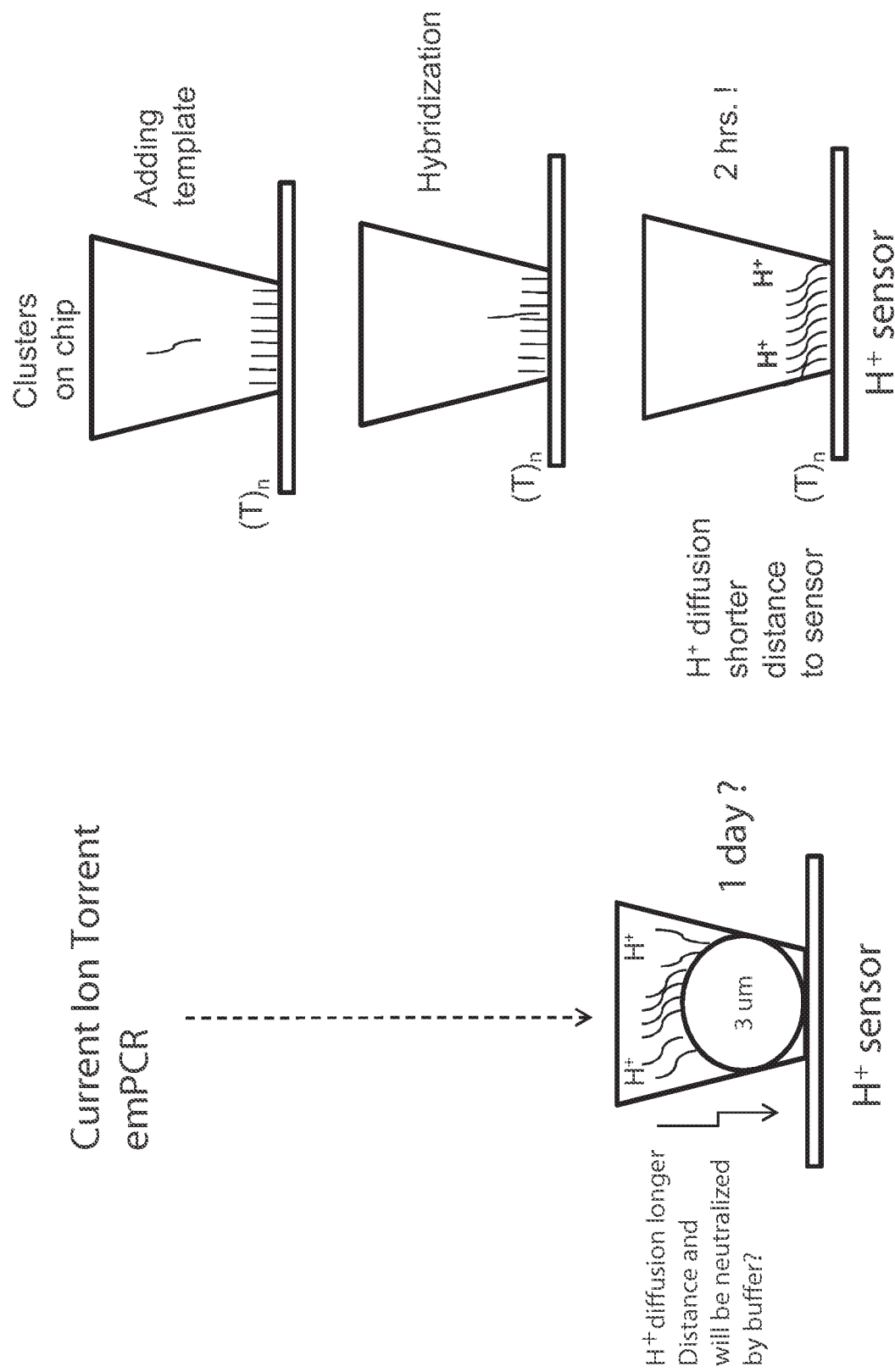


FIG. 3

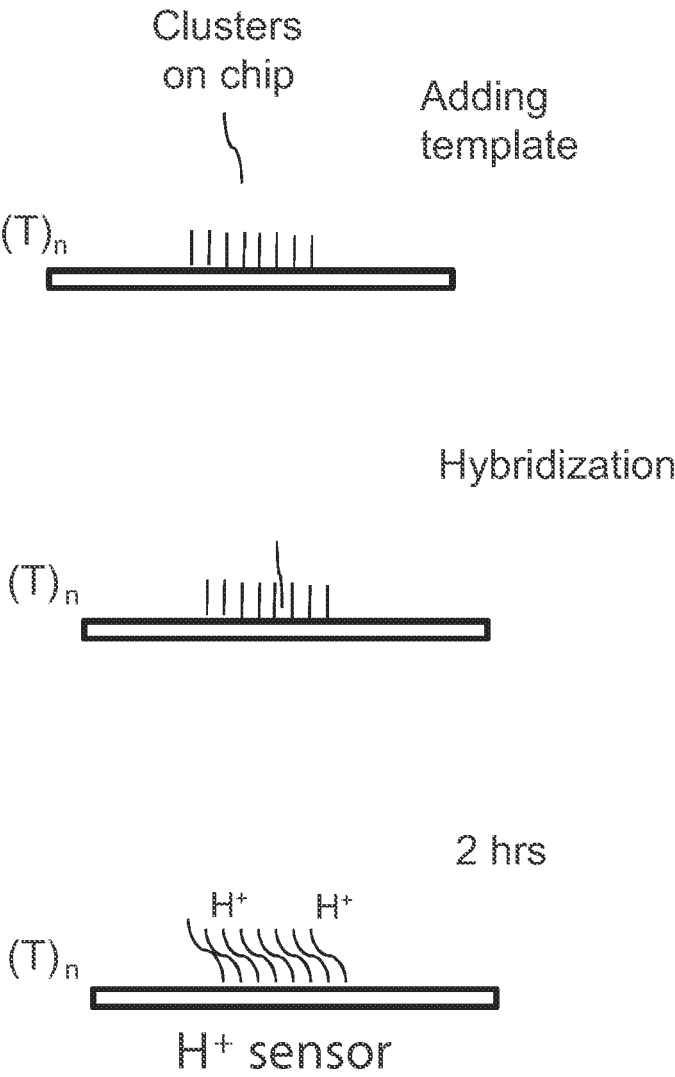


FIG. 4

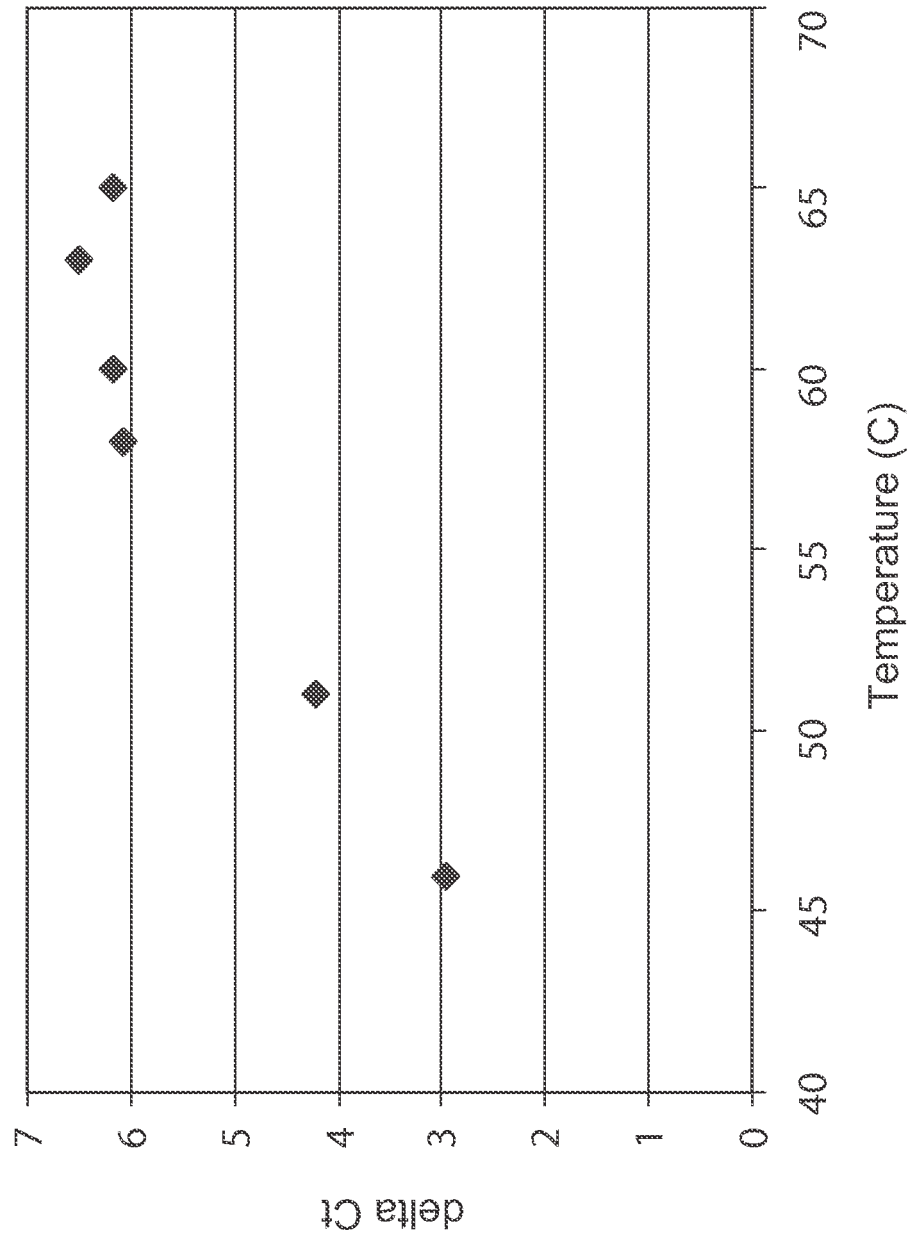


FIG. 5

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	FAM	VIC		FAM	VIC		FAM	VIC		FAM	VIC		FAM	VIC
A1	50	31.96548	C1		50	50	E1		50	G1		50		50
A2	50	39.86279	C2		50	50	E2		50	G2		50	30.95665	38.49394
A3	44.3971	50	C3		50	50	E3		50	G3		50	42.10394	36.18042
A4	50	50	C4		50	50	E4		45.15652	50	G4		50	50
A5	50	50	C5		50	50	E5		50	39.25991	G5		43.07935	50
A6	50	50	C6		50	50	E6		50	50	G6		40.46702	50
A7	50	50	C7		50	50	E7		50	27.78382	G7		50	50
A8	50	50	C8		50	50	E8		50	50	G8		50	31.60849
A9	50	50	C9		38.08558	50	E9		50	50	G9		50	50
A10	50	50	C10		44.47919	50	E10		50	50	G10		50	50
A11	50	50	C11		50	50	E11		50	50	G11		50	50
A12	50	50	C12		50	50	E12		50	50	G12		50	31.61124
B1	50	39.01974	D1		32.6227	38.27389	F1		41.63503	39.91924	H1		50	50
B2	50	50	D2		32.34154	37.80156	F2		50	50	H2		50	50
B3	50	50	D3		50	50	F3		50	50	H3		30.91996	38.31835
B4	50	50	D4		50	50	F4		50	50	H4		50	37.56089
B5	50	35.26348	D5		42.20201	50	F5		50	50	H5		50	50
B6	42.93367	40.18534	D6		50	39.90506	F6		50	50	H6		50	50
B7	50	50	D7		50	39.65005	F7		36.69026	30.11287	H7		50	50
B8	50	30.90235	D8		46.95021	50	F8		36.95259	50	H8		50	50
B9	50	50	D9		50	30.54854	F9		50	50	H9		50	50
B10	50	50	D10		50	50	F10		50	29.22241	H10		50	50
B11	50	50	D11		34.98179	50	F11		50	50	H11		50	50
B12	50	50	D12		50	50	F12		50	50	H12		50	50

FIG. 6

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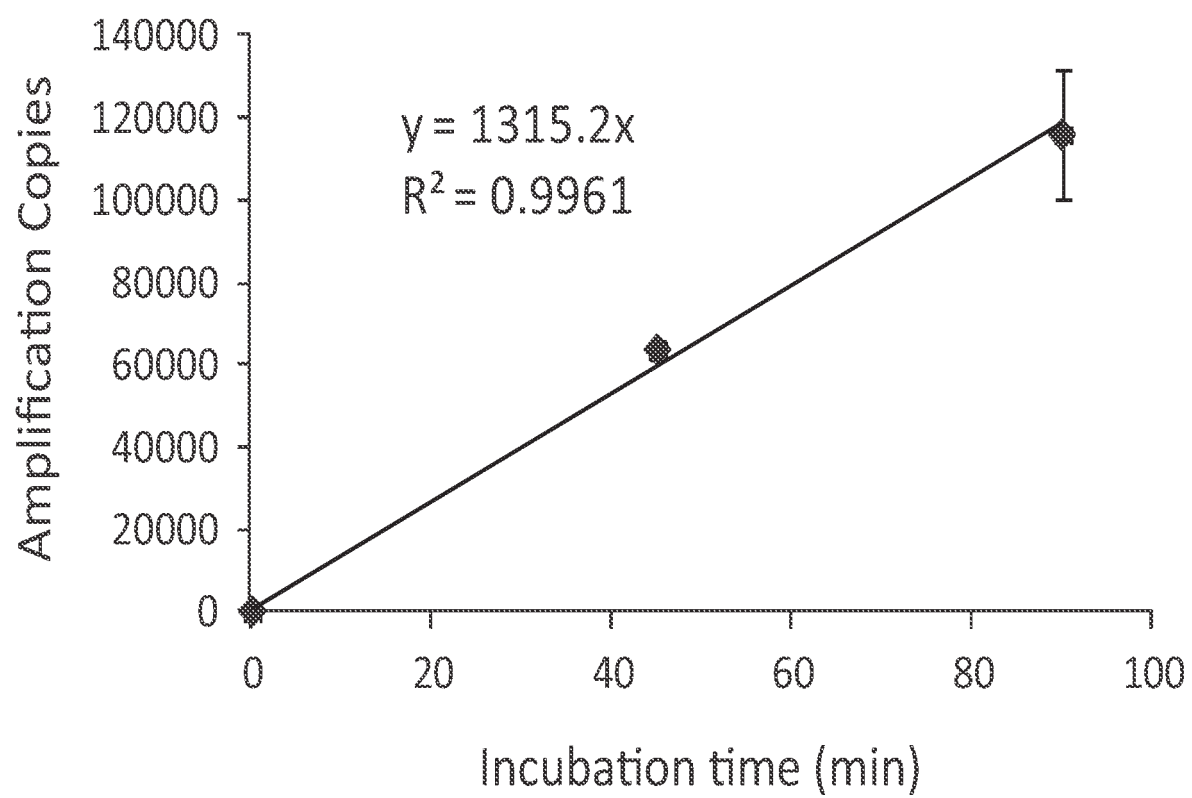


FIG. 7

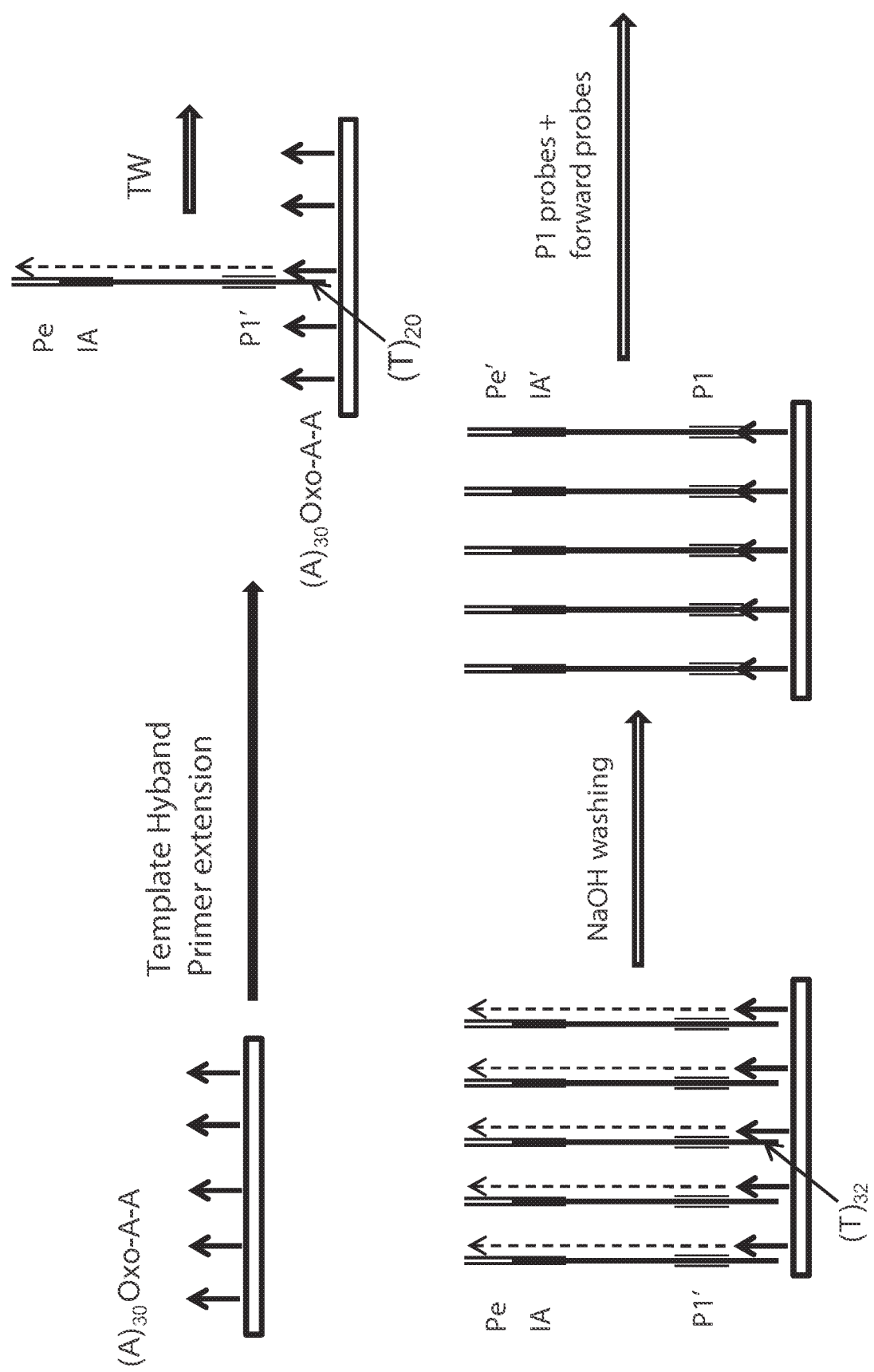
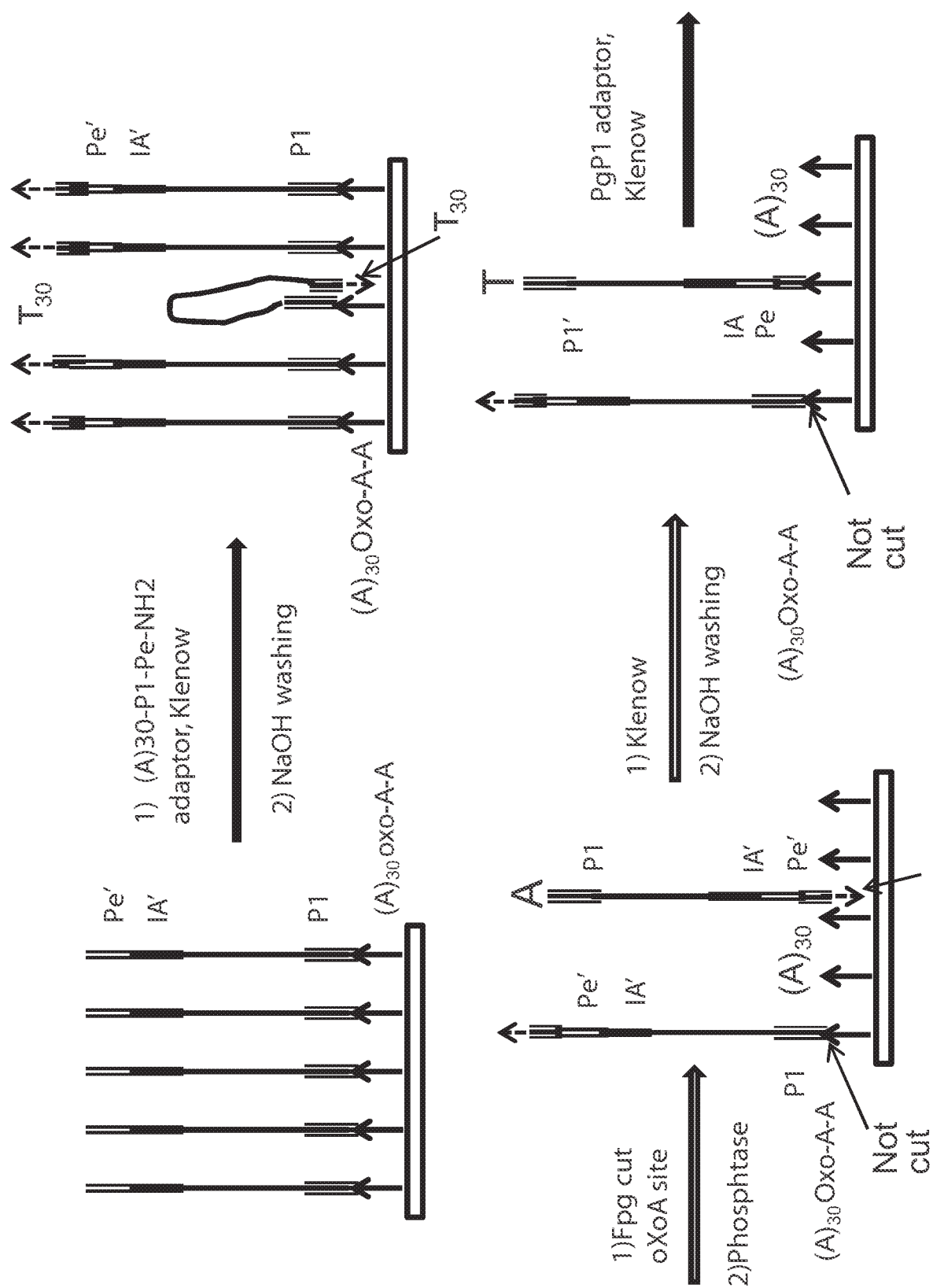
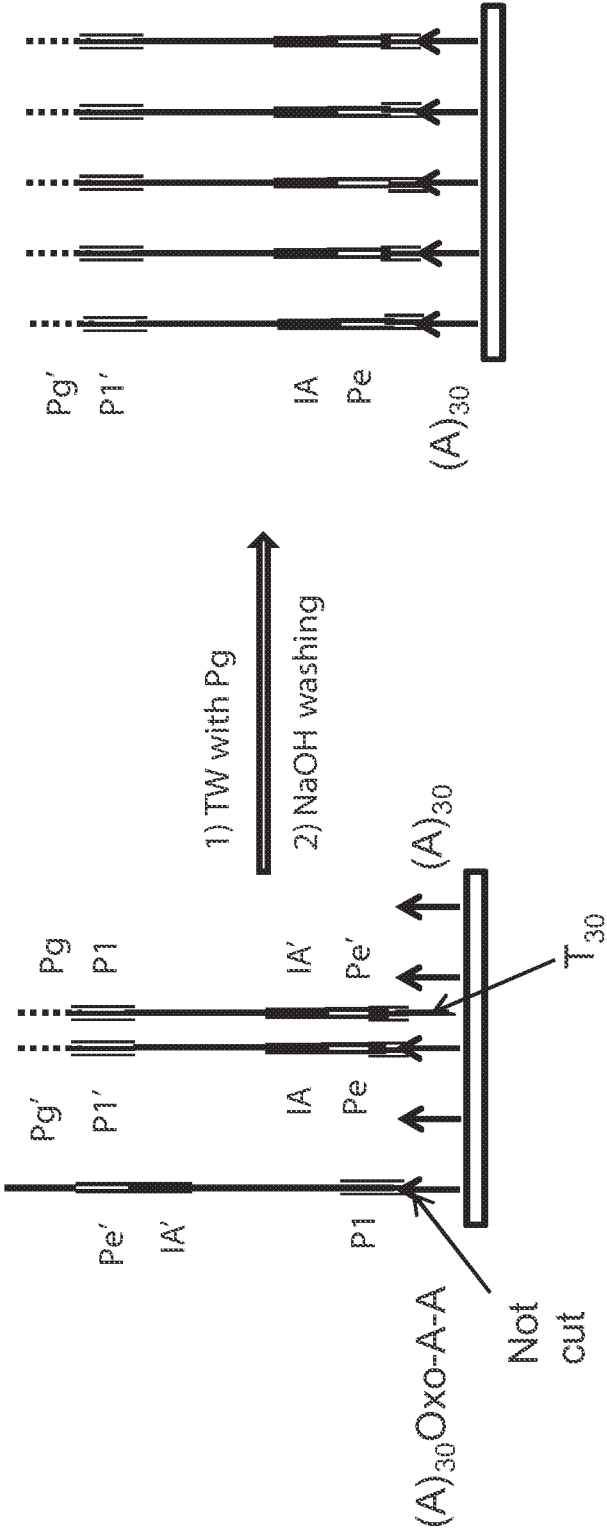


FIG. 8A

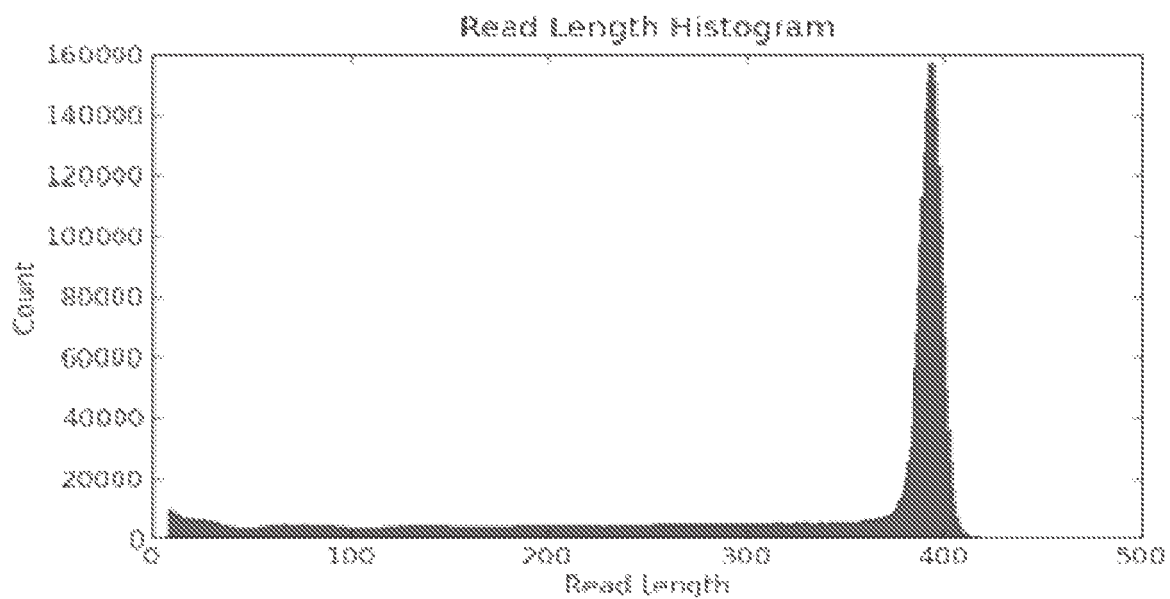
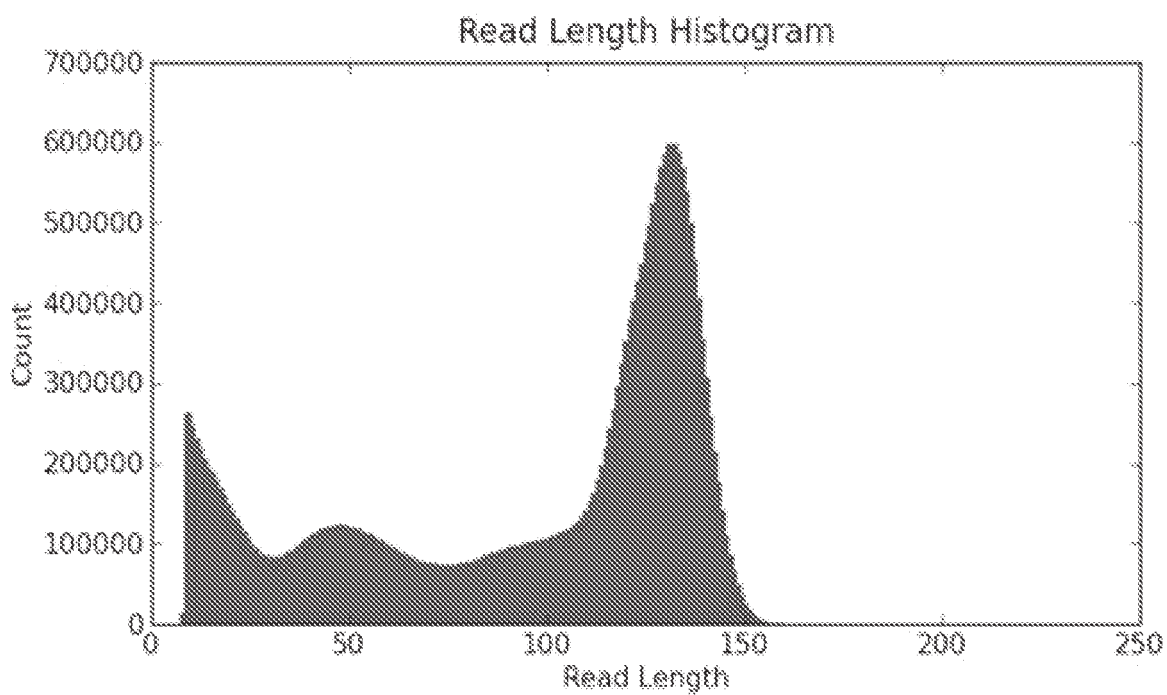




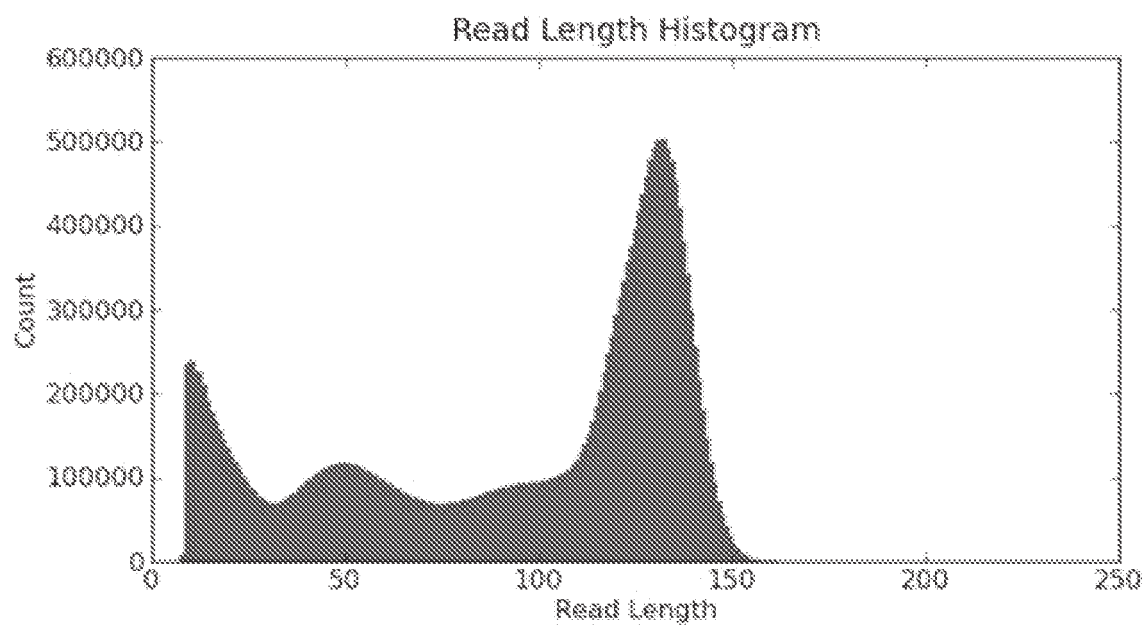
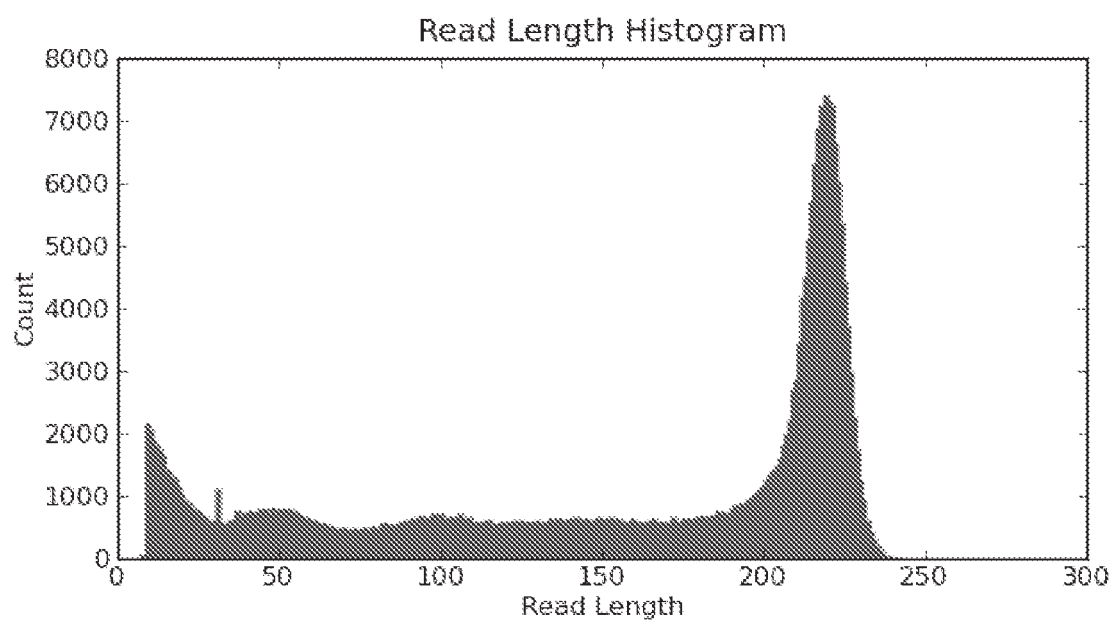
Uncut strand will not be amplified in the 2nd TW with Pg primer

FIG. 8C

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**FIG. 9****FIG. 10**

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**FIG. 11****FIG. 12**

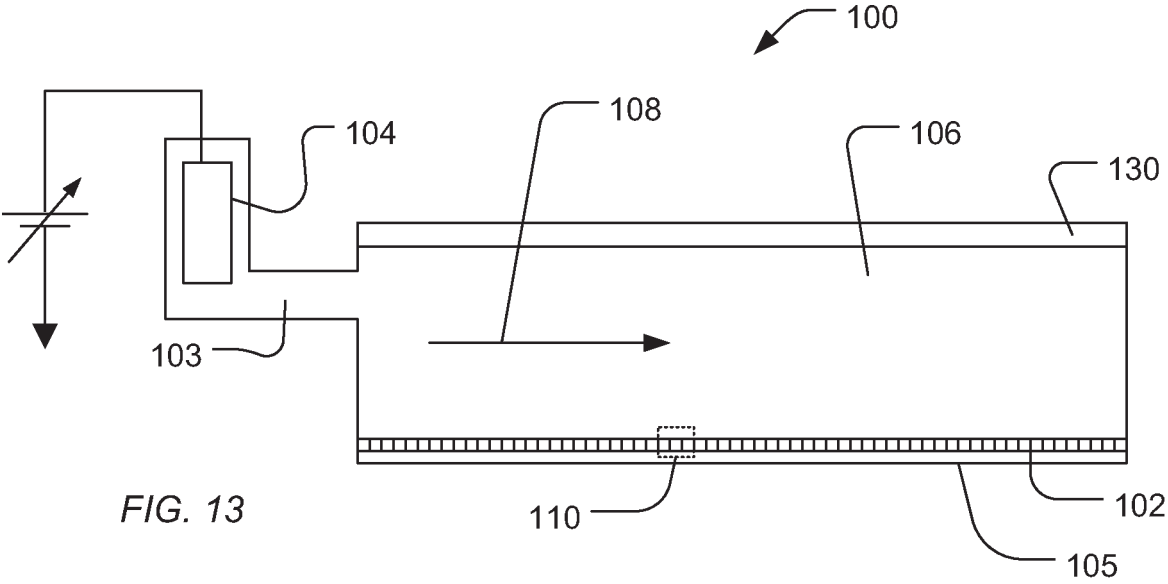


FIG. 13

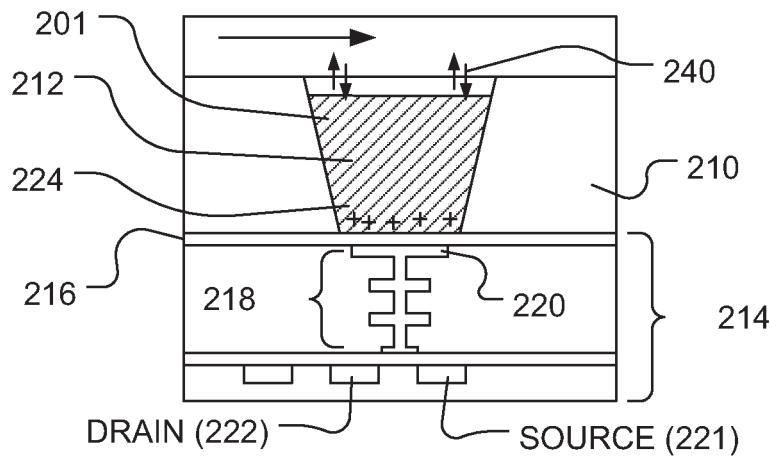


FIG. 14

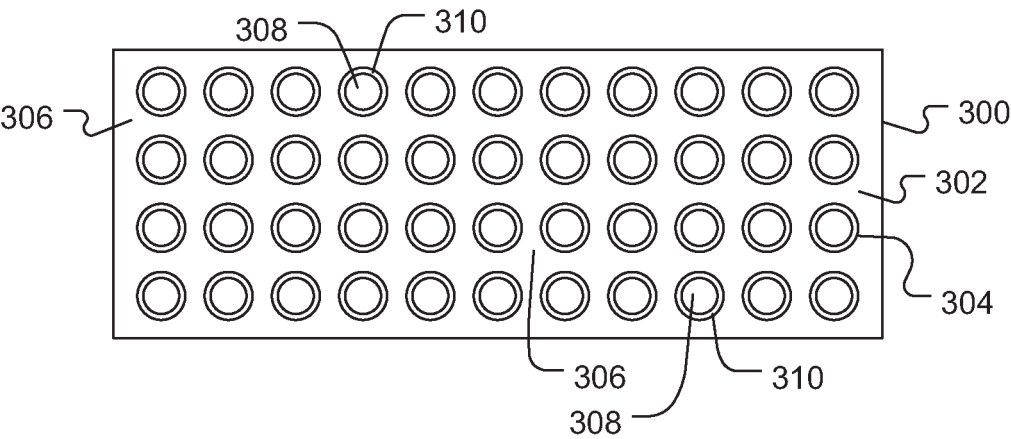


FIG. 15

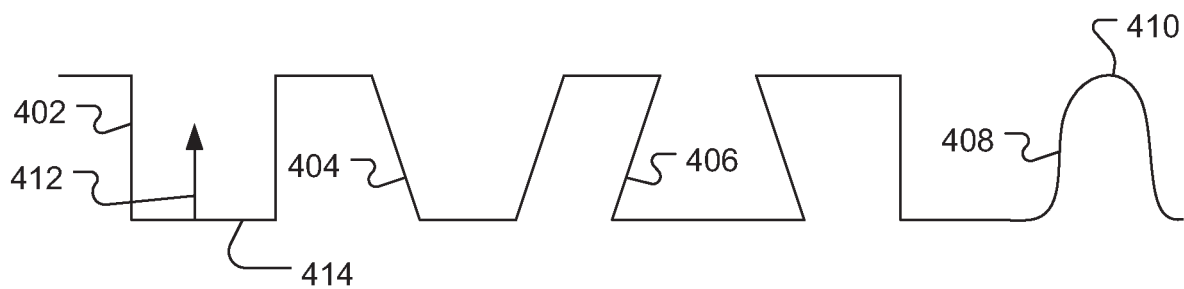


FIG. 16

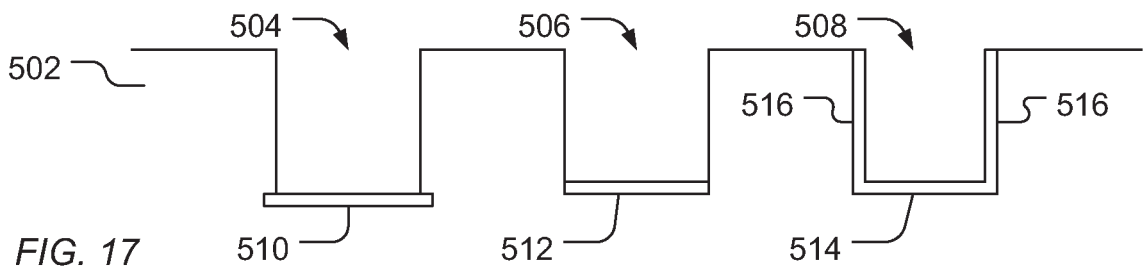
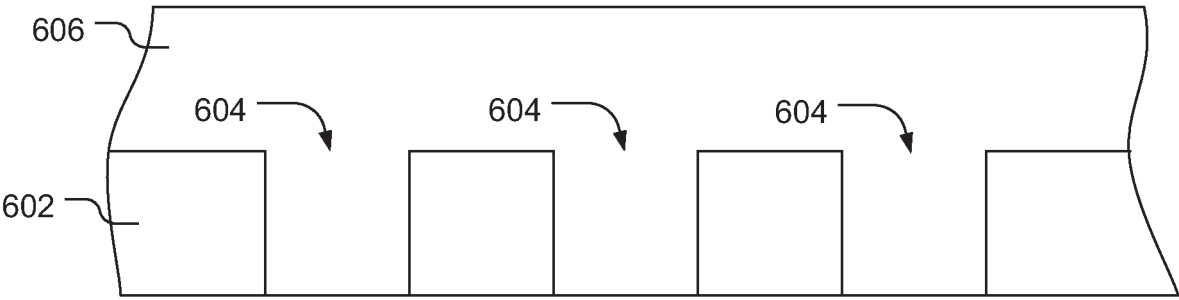
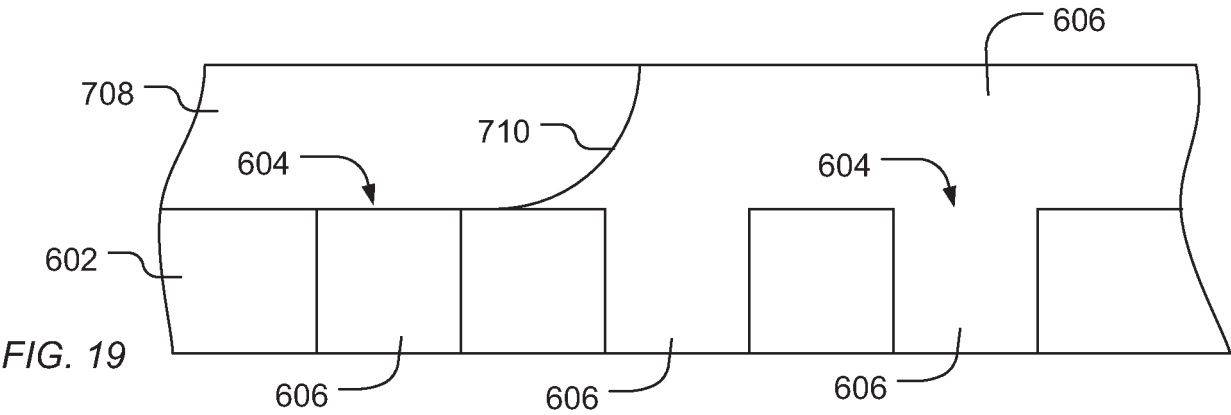
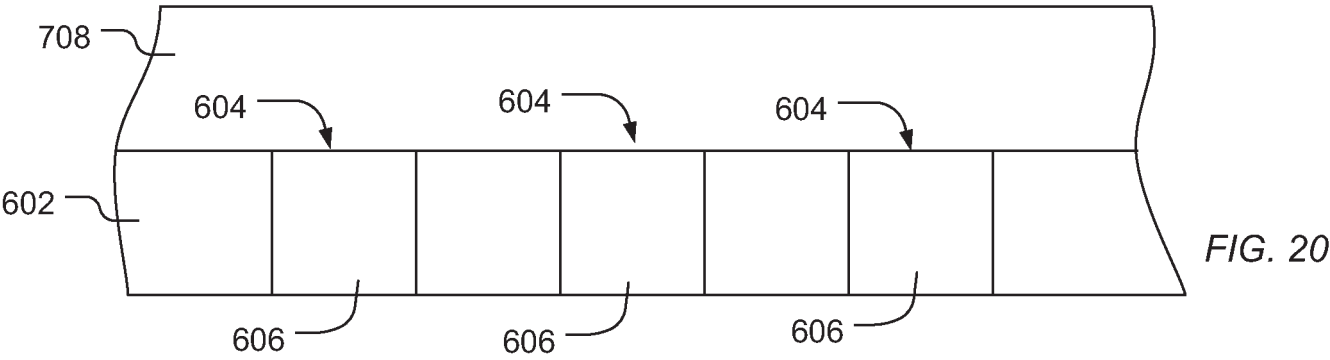
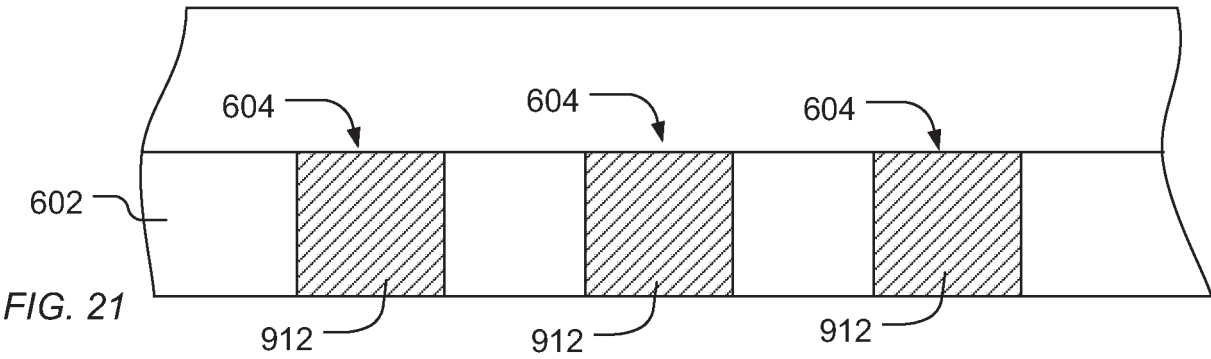
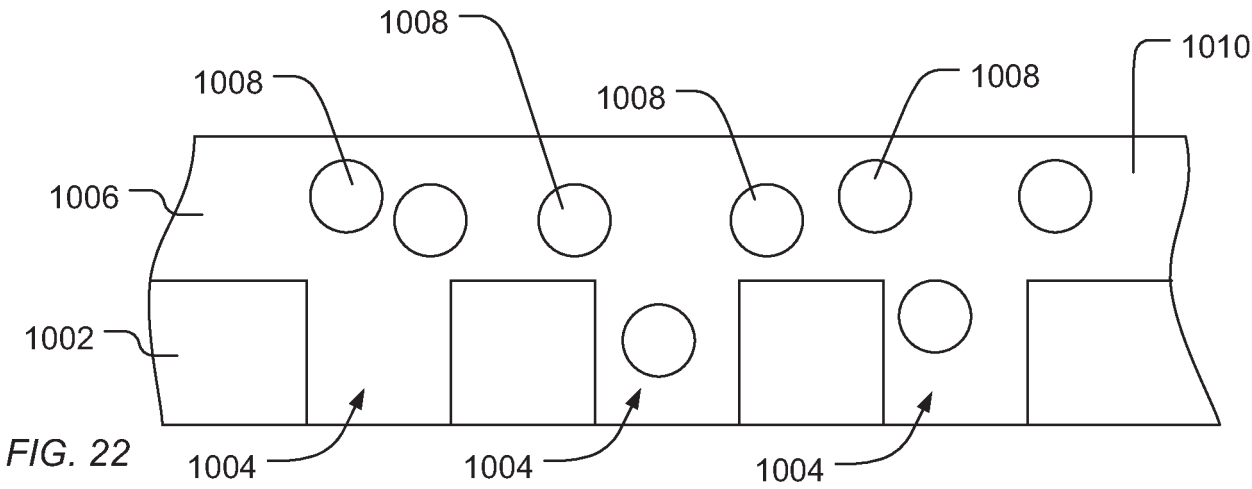
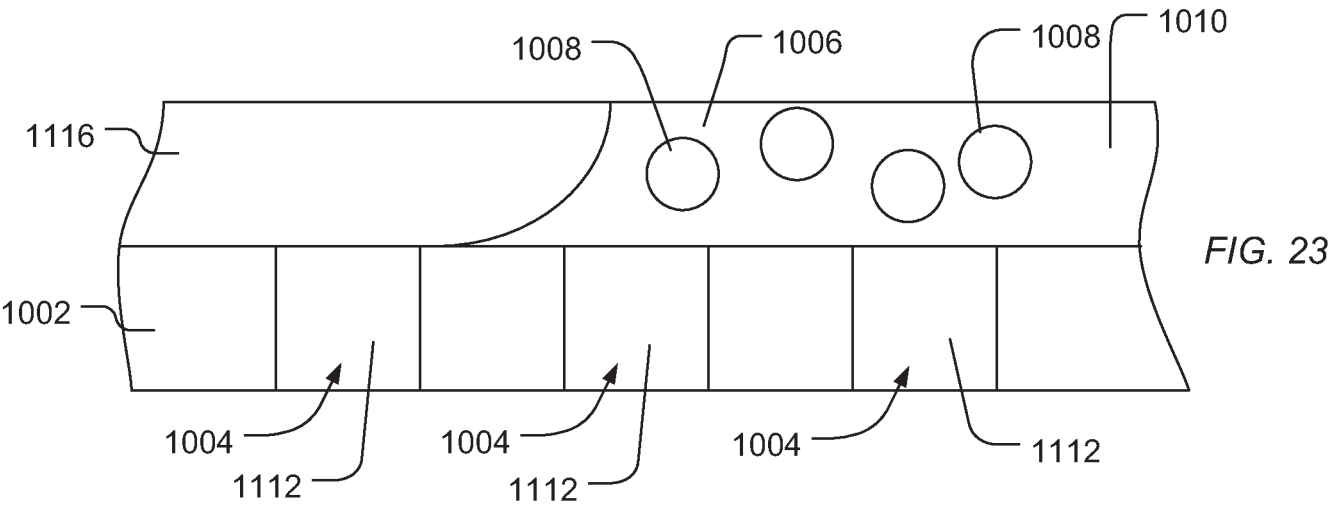
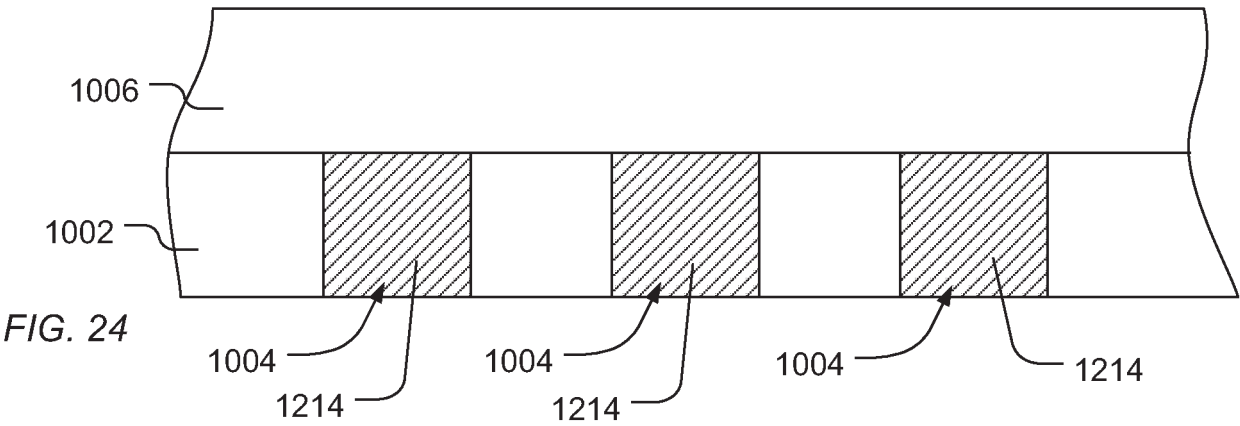
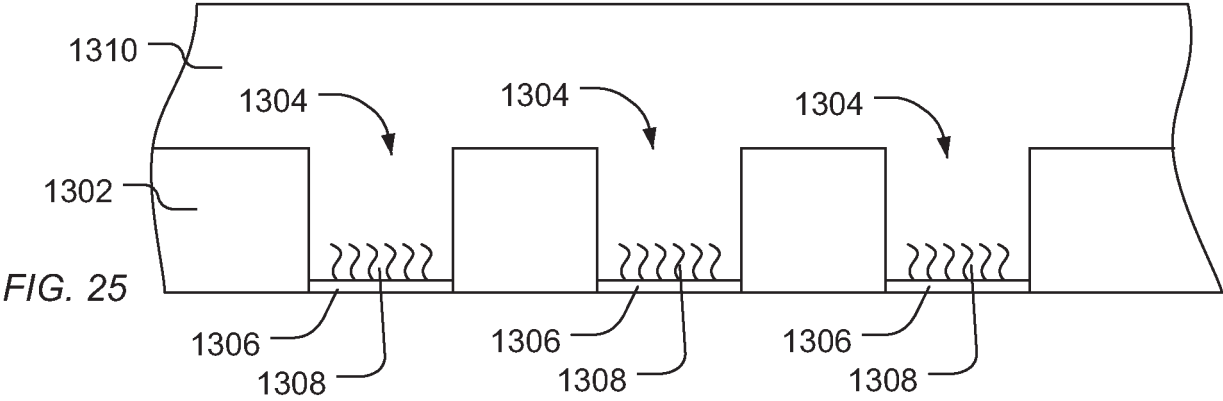
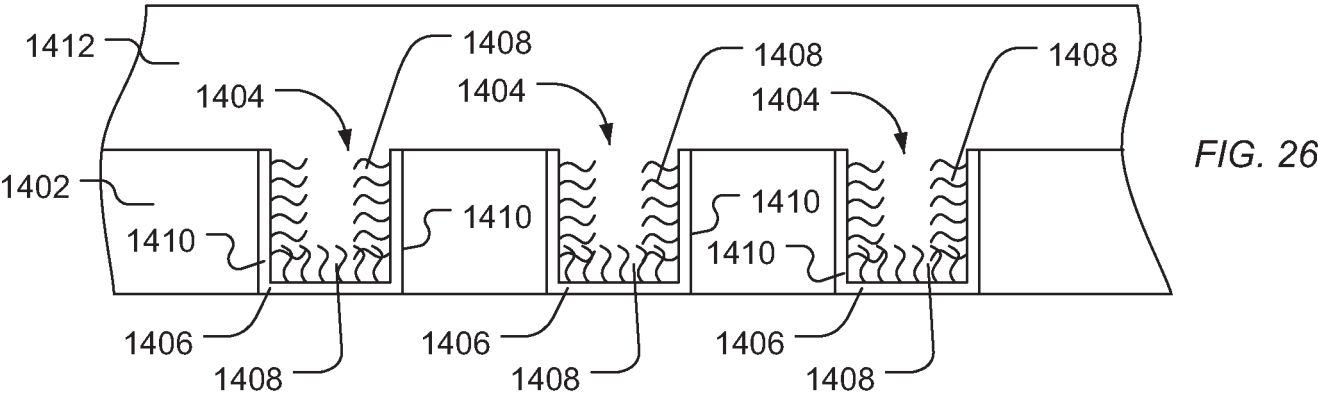
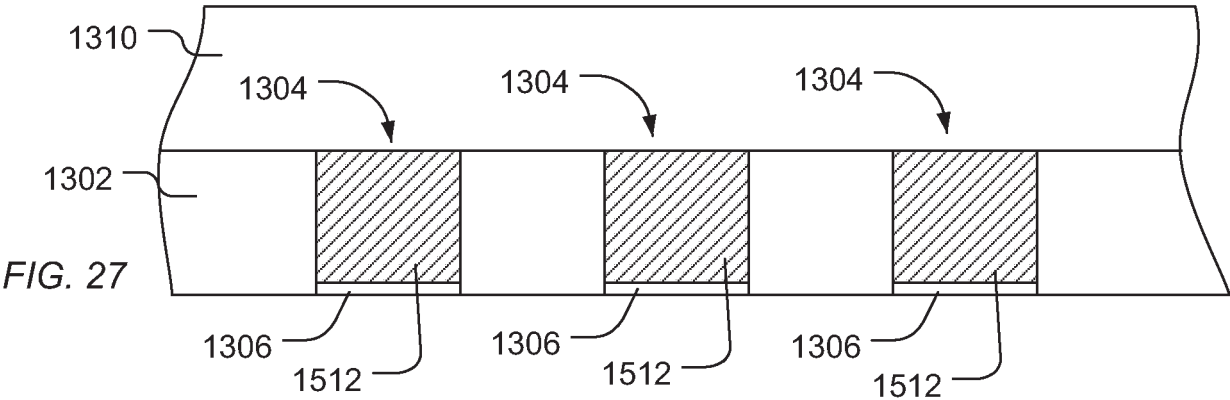


FIG. 17







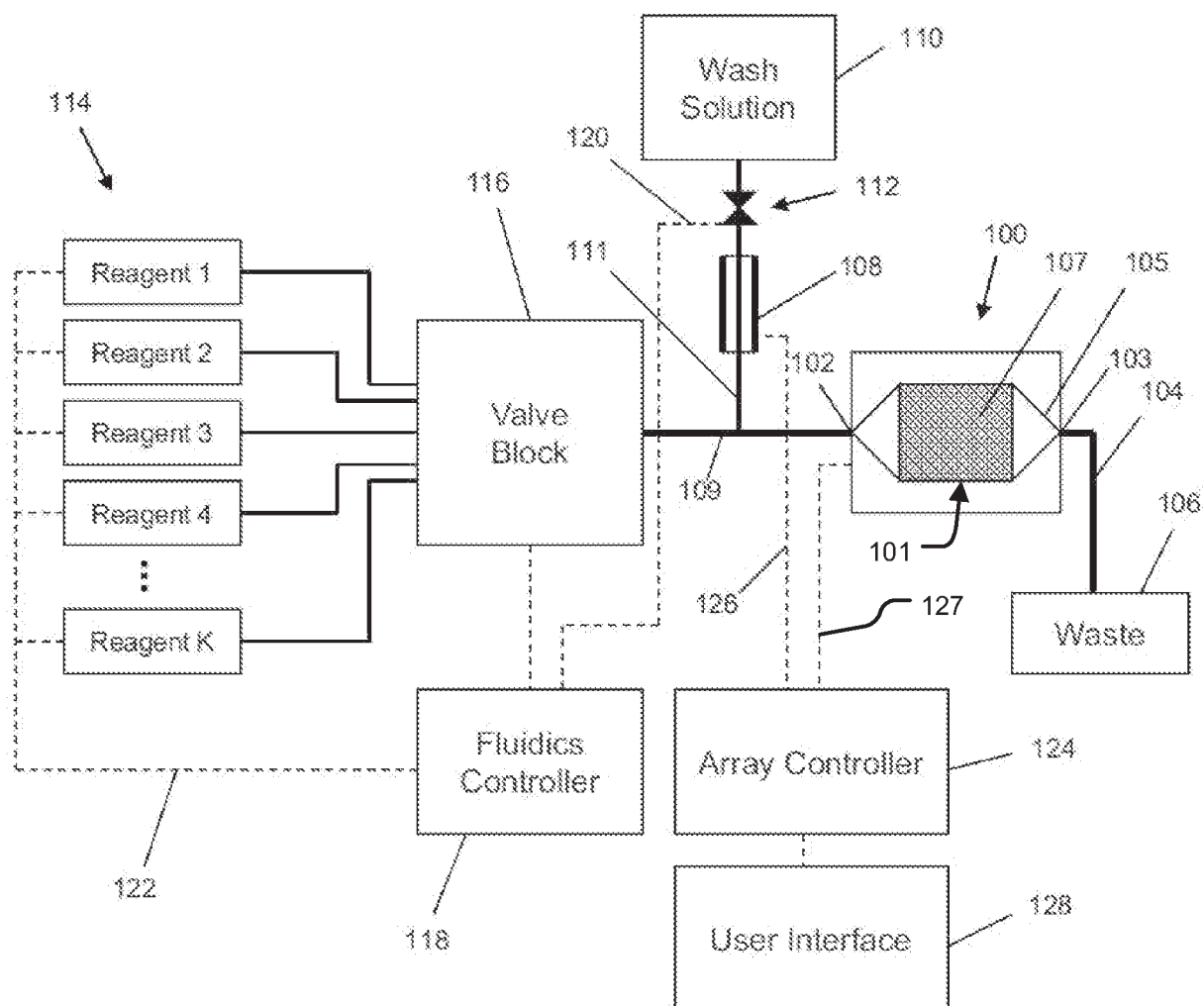


FIG. 28

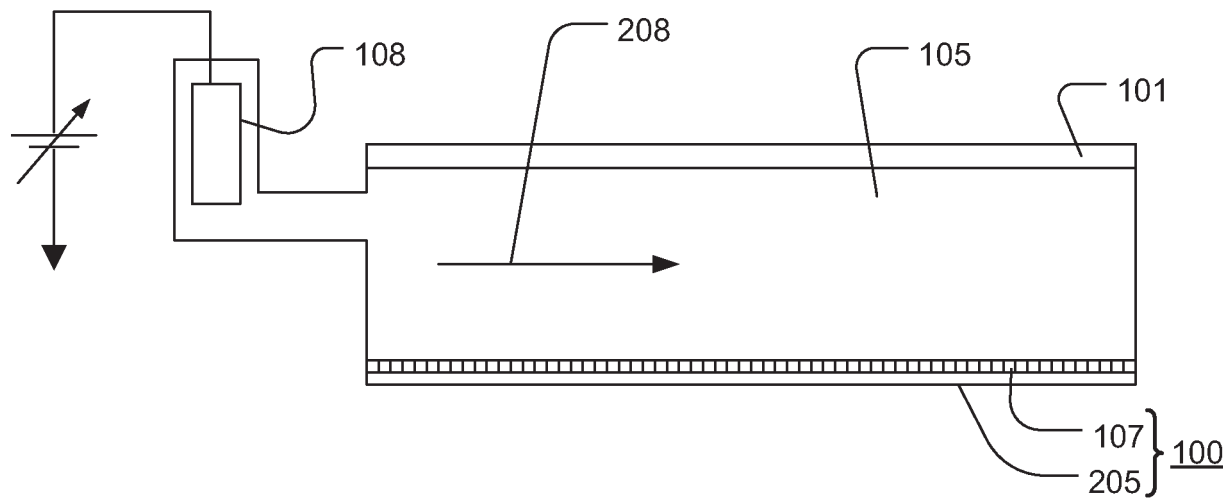


FIG. 29

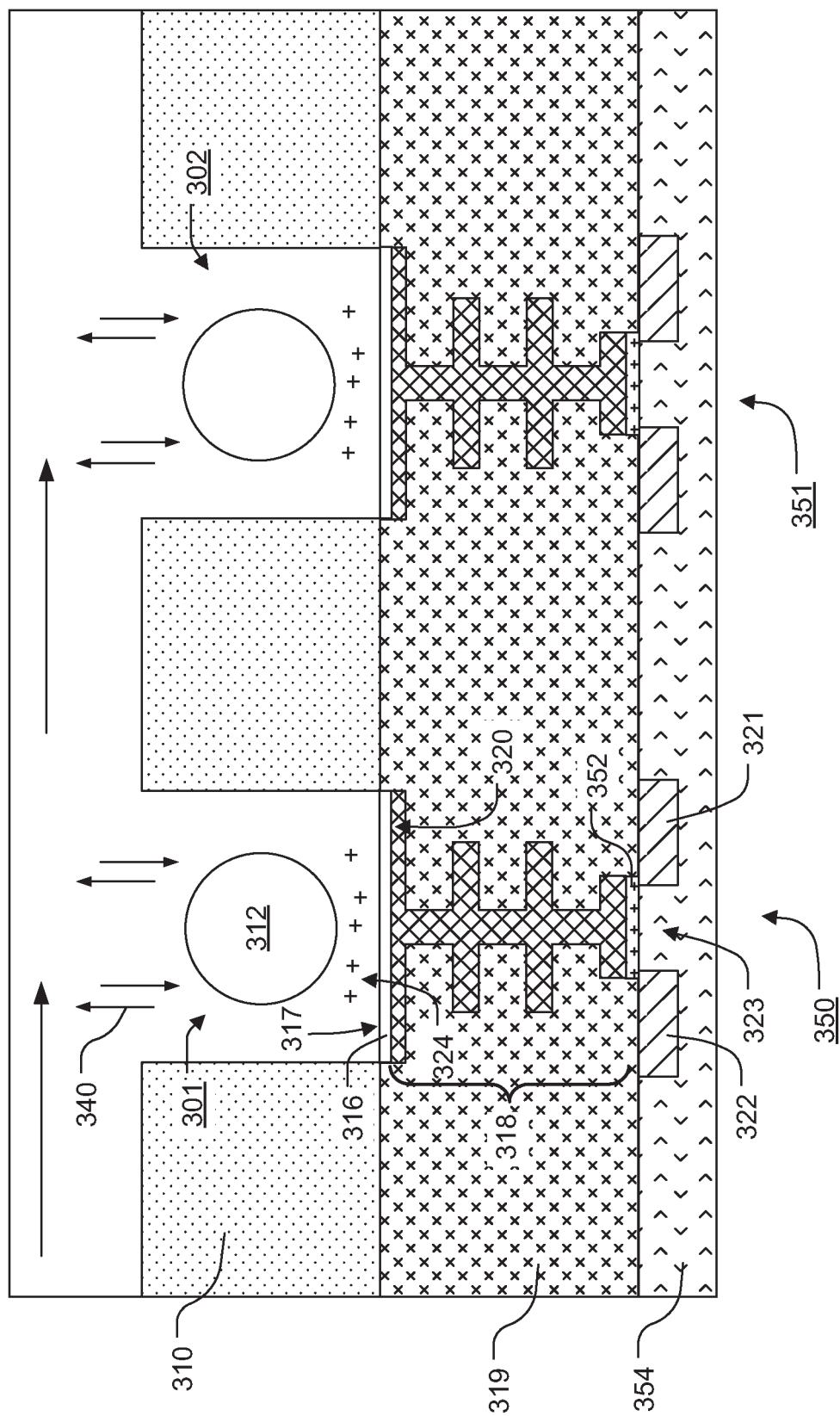


FIG. 30