

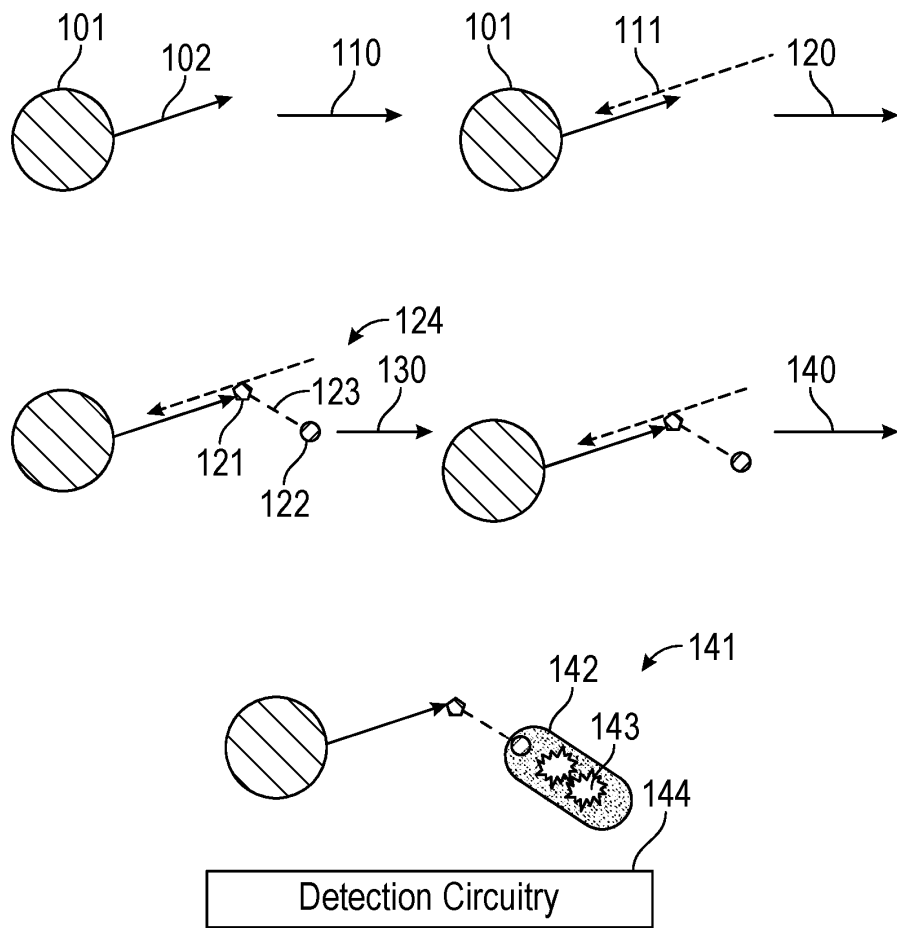


FIG. 1A

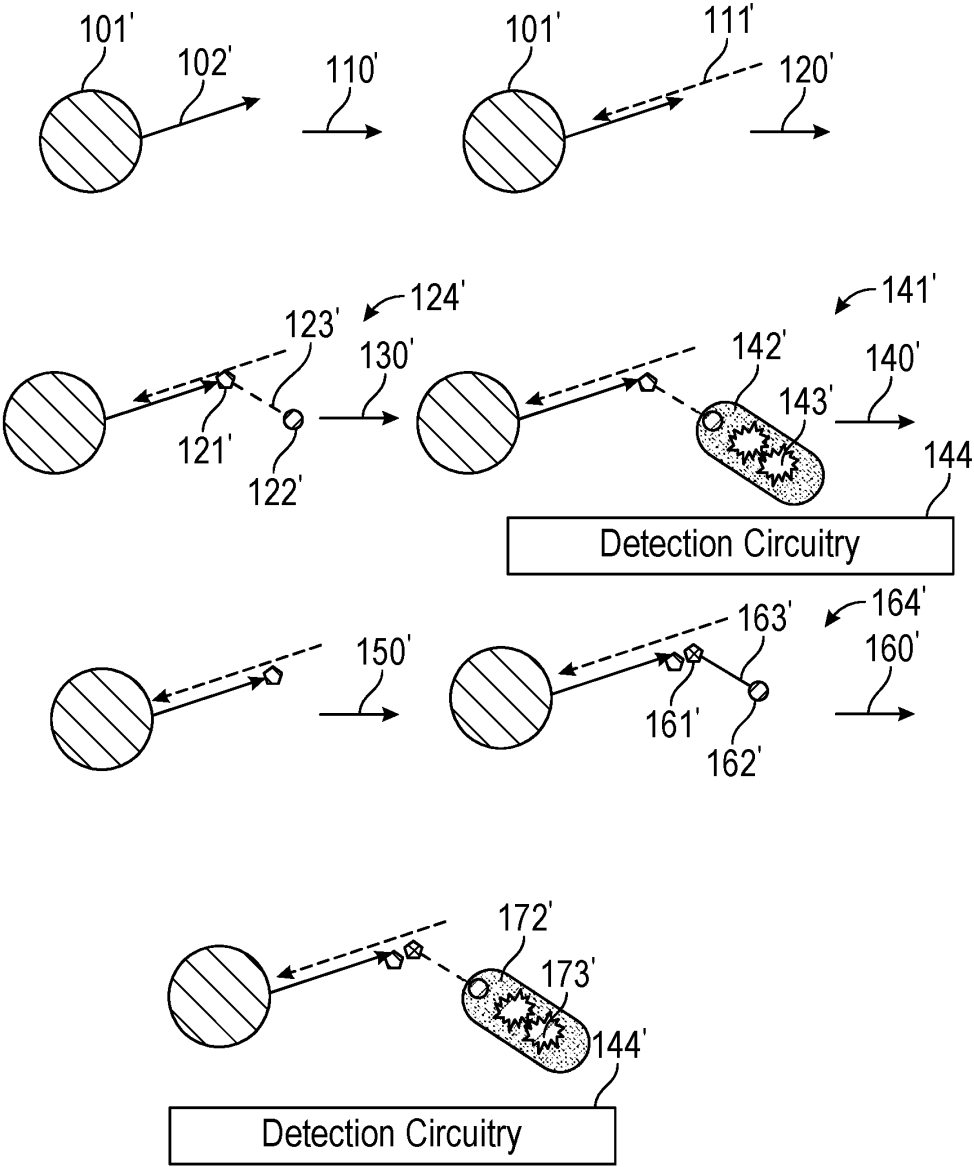


FIG. 1B

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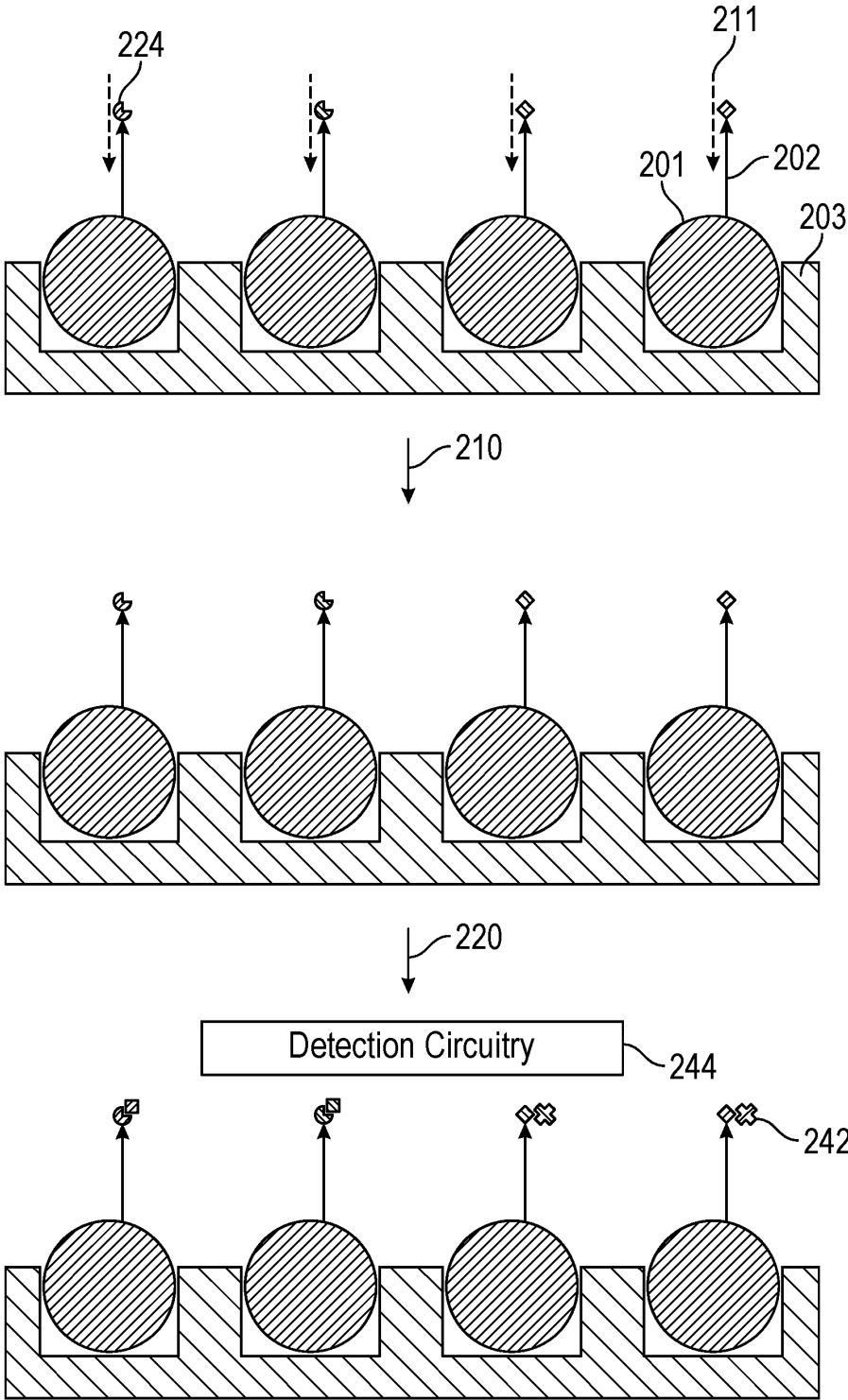


FIG. 2A

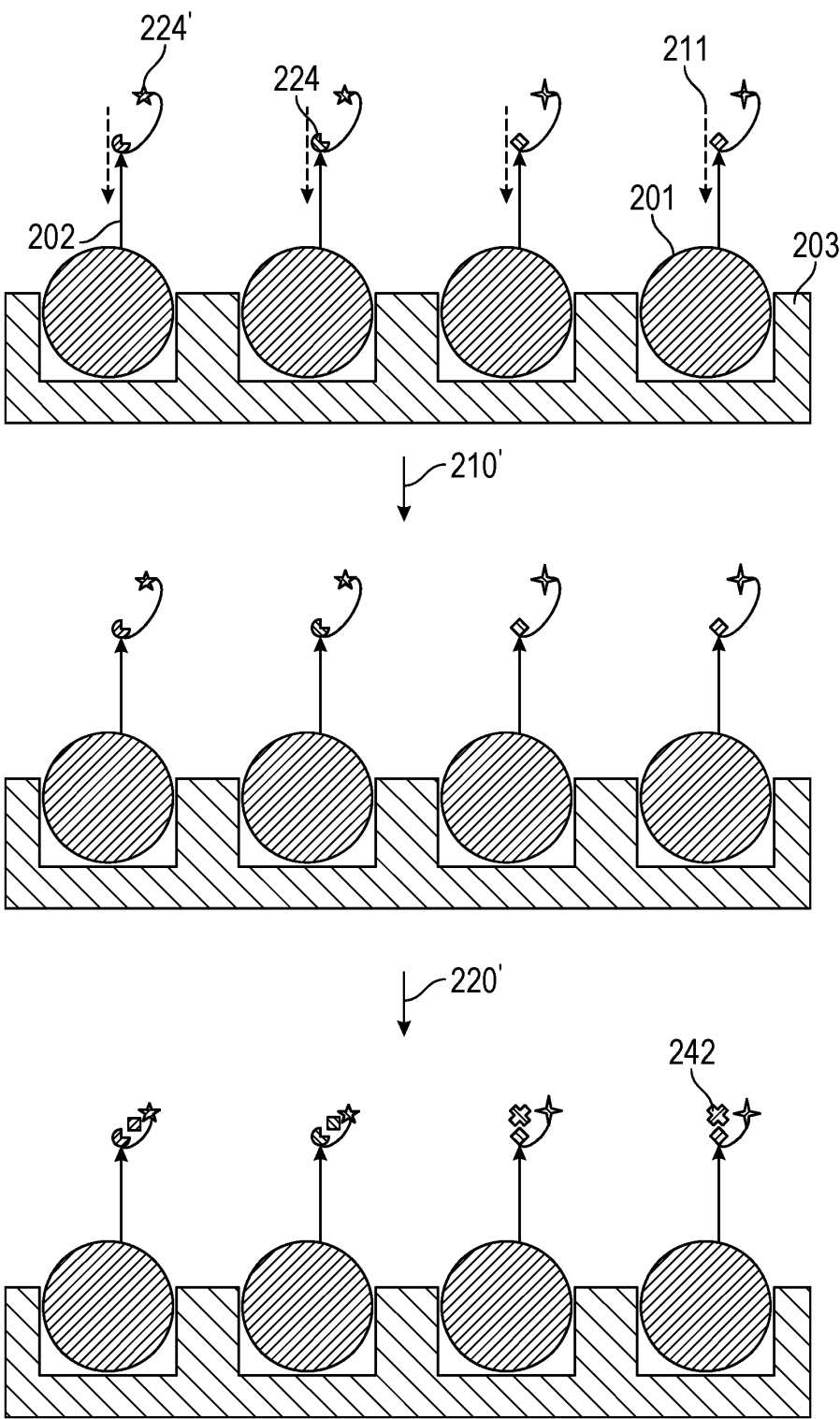


FIG. 2B

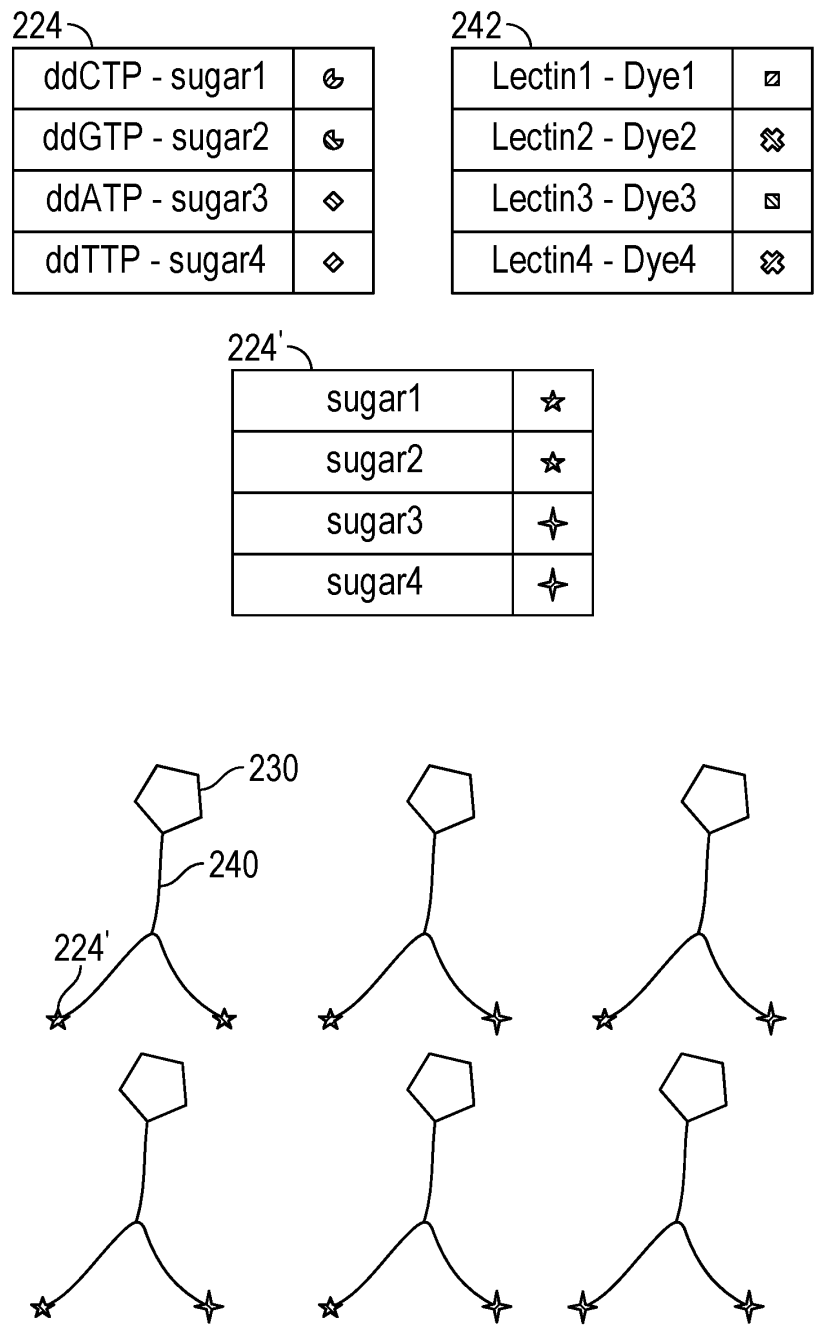


FIG. 2C

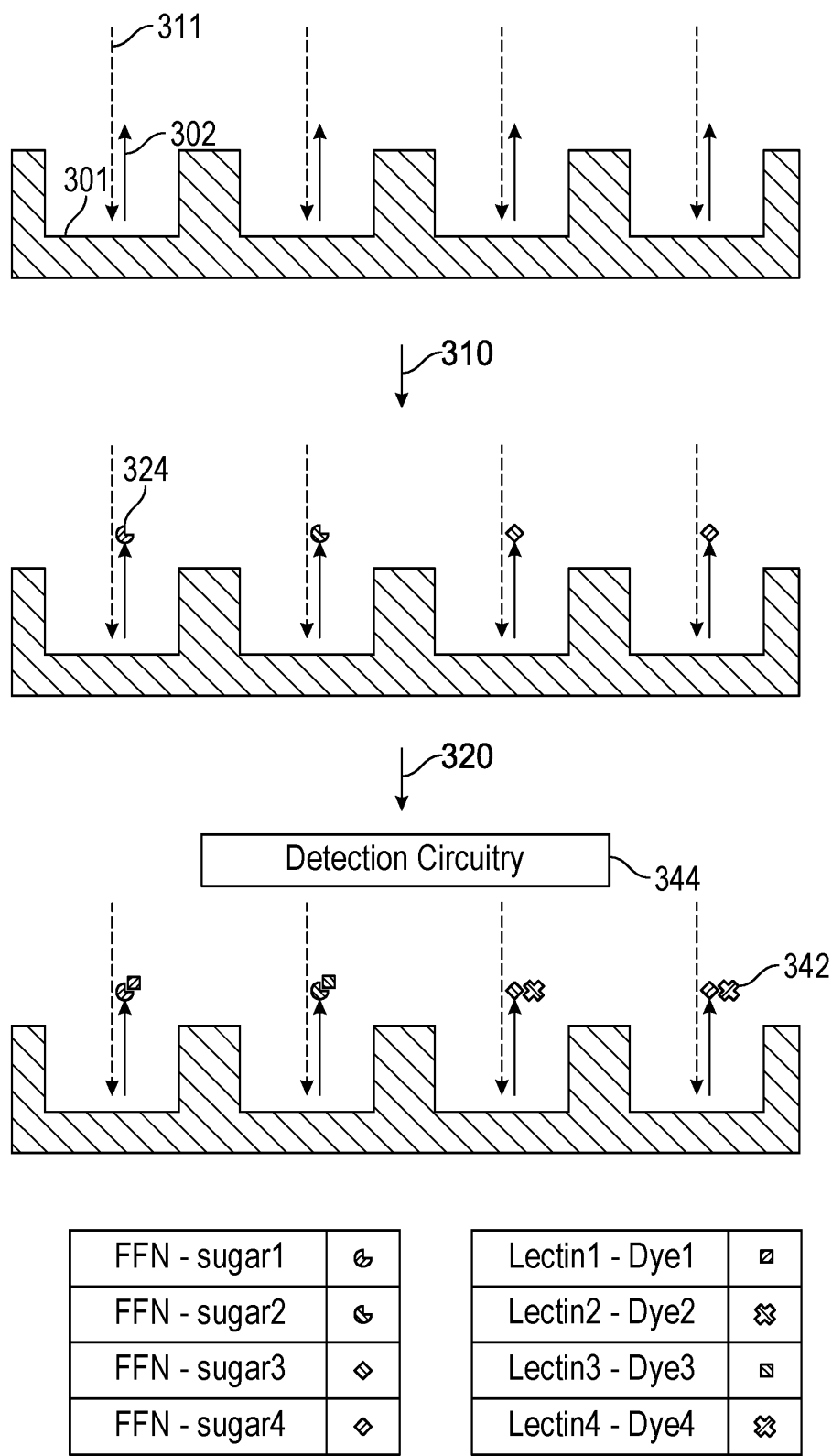


FIG. 3

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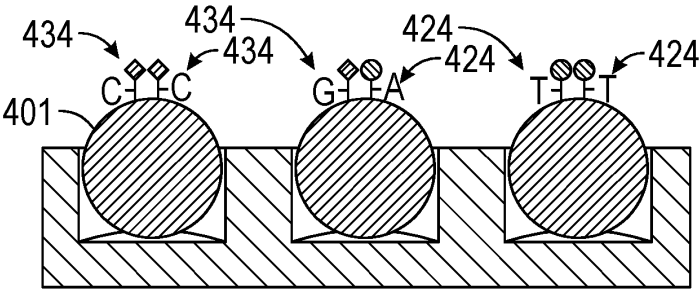


FIG. 4A

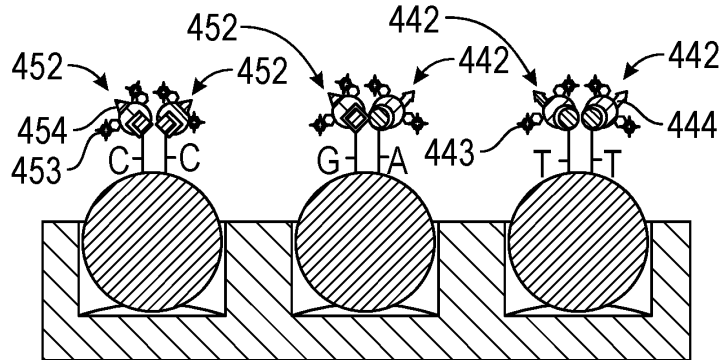


FIG. 4B

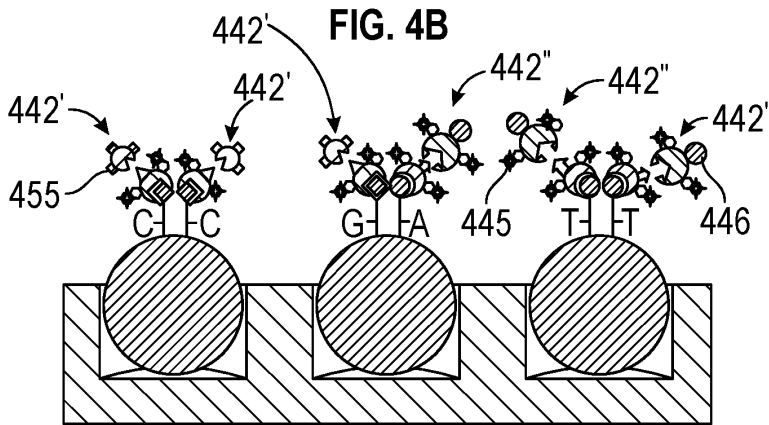


FIG. 4C

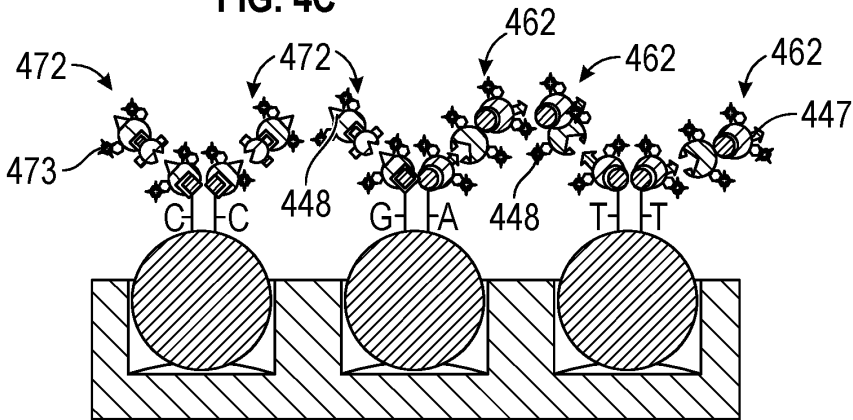


FIG. 4D

- WGA
- SBA
- CON A
- Biotin
- Sugar 1 (GlcNAc)
- Sugar 2 (GalNAc)
- Sugar 3 (Man)
- Streptavidin-Green GlcNAc
- WGA Biotin
- SBA Red
- Con A Red
- Con A Red + GalNAc

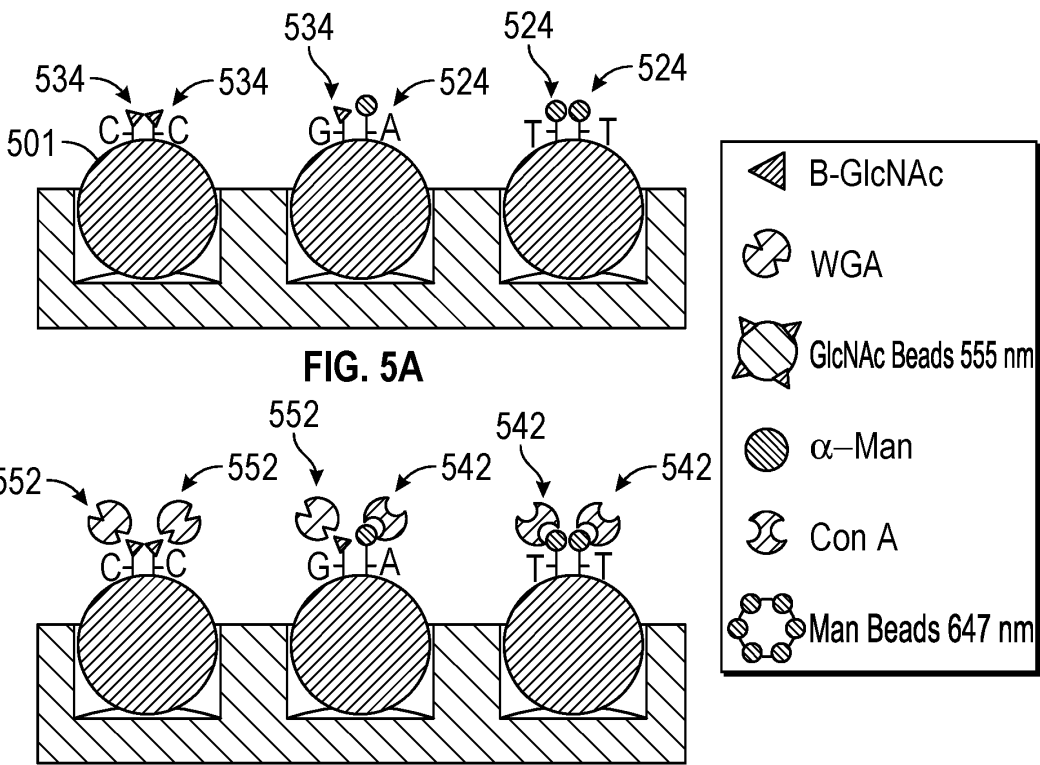


FIG. 5B

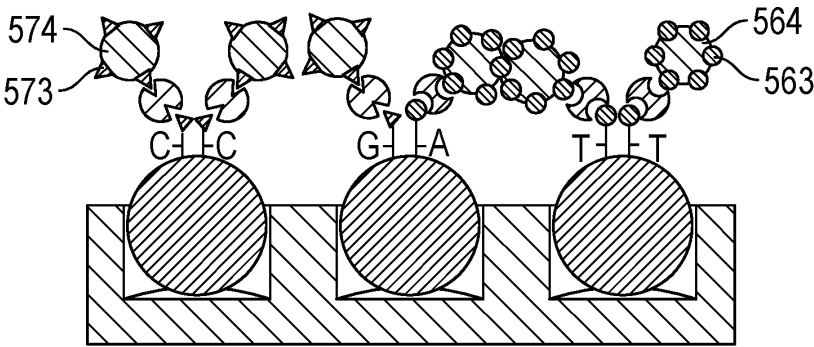


FIG. 5C

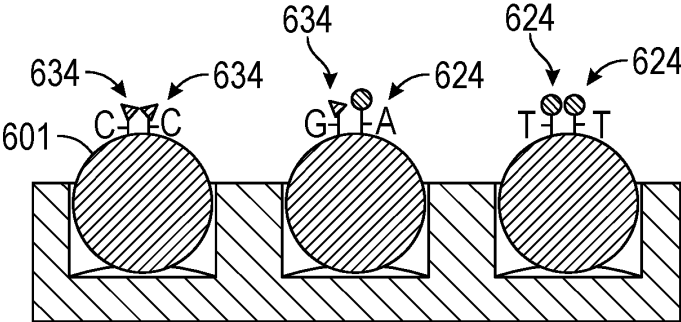


FIG. 6A

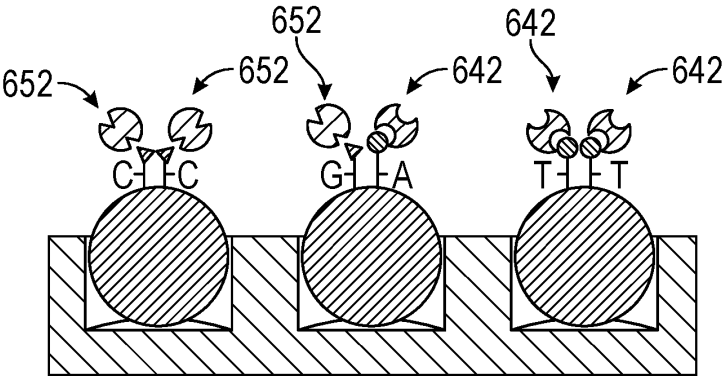


FIG. 6B

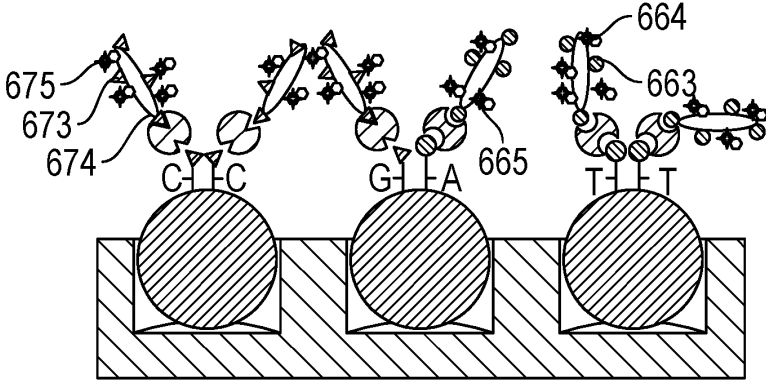
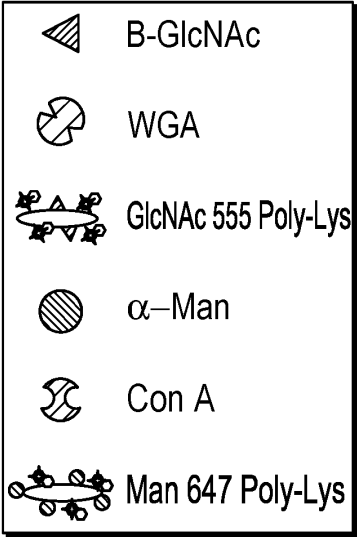


FIG. 6C



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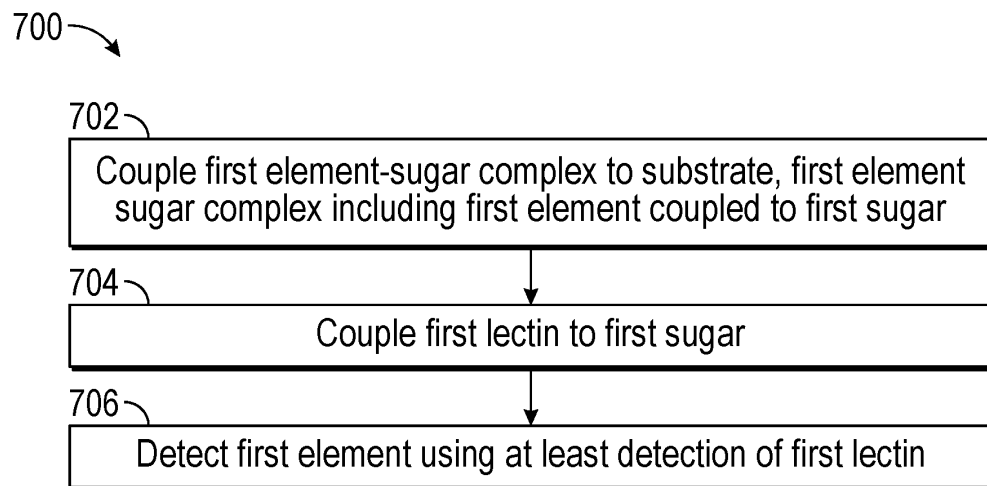
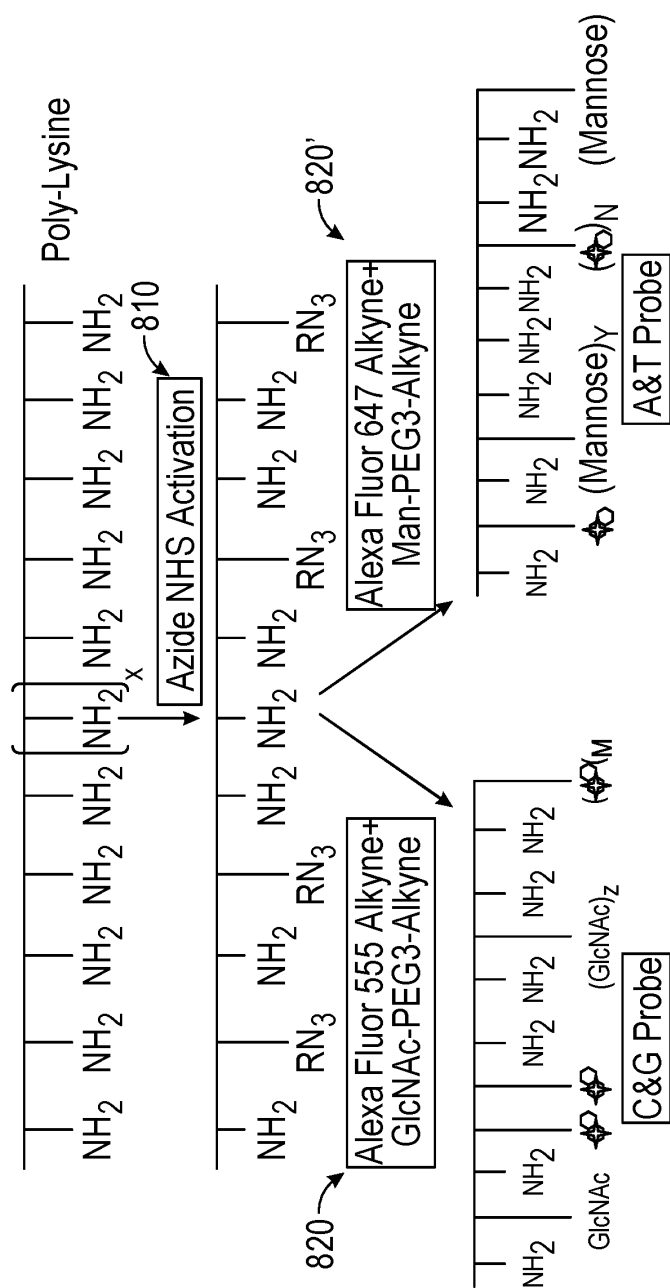


FIG. 7



X=#Lysines,Y=#Mannose,Z=#GlcNAc,M=#Alexa Fluor 555 and N=#Alexa Fluor 647

FIG. 8

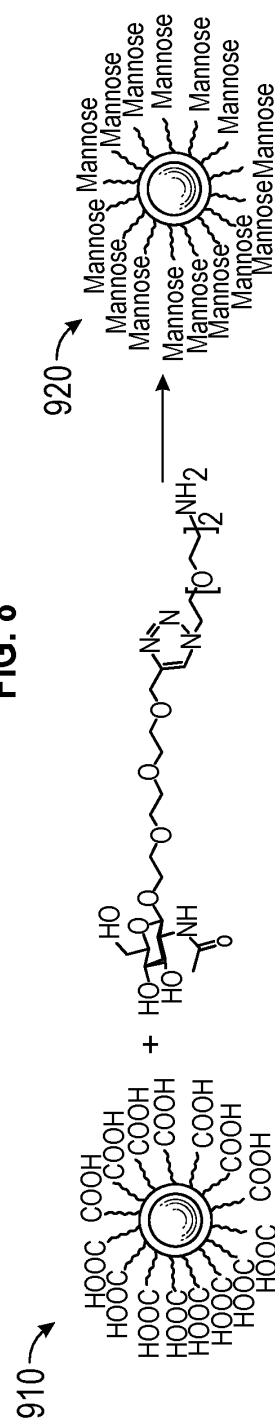
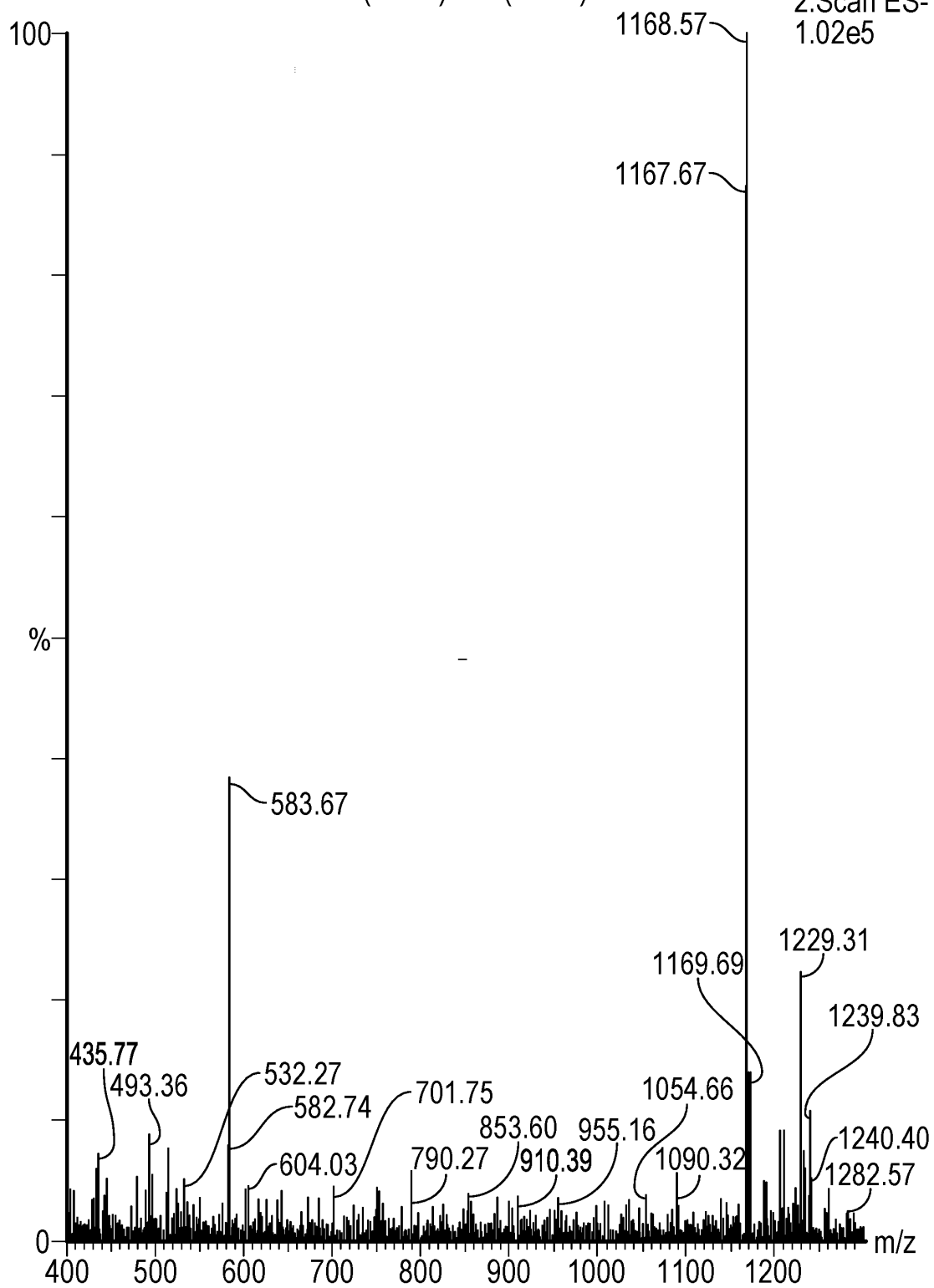


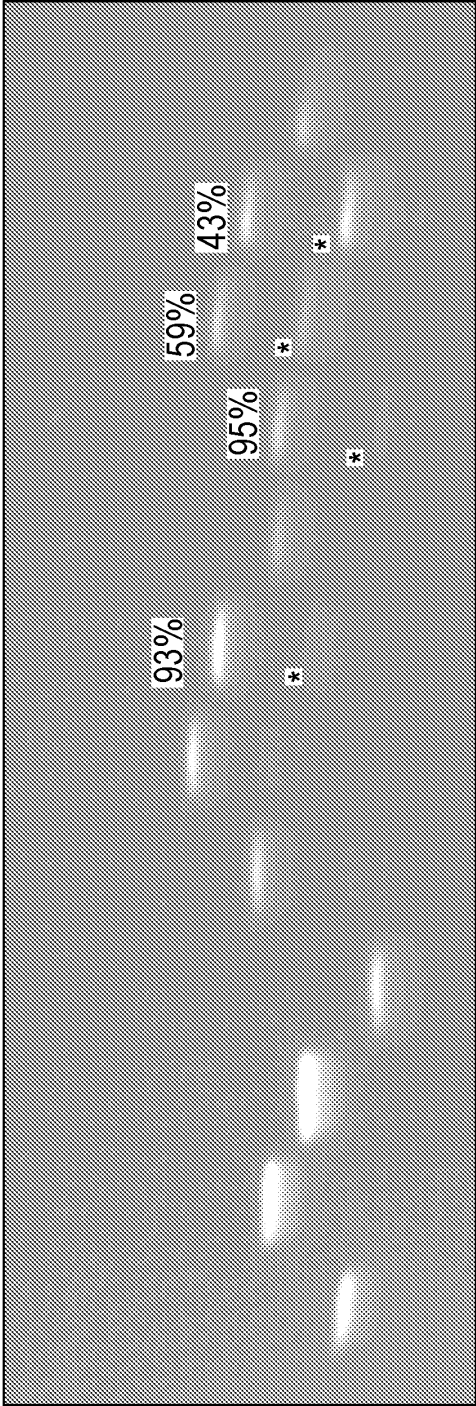
FIG. 9

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2027-77 HPLC 18-5min

2027-77 HPLC 18-5min 36 (0.192) Cm (32:39)

2:Scan ES-
1.02e5**FIG. 10**



	1	2	3	4	5	6	7	8	9	10	11	12
Primer	A	T	C	G	A	T	C	G	A	T	C	G
Nt	None				A-m	U-m	C-g	G-g	A-m	U-m	C-g	G-g
Pol	None				Variant 1				Variant 2			

Legend: m-Mannose
g-GlcNAc
Asterisk-Unused Primers

FIG. 11