

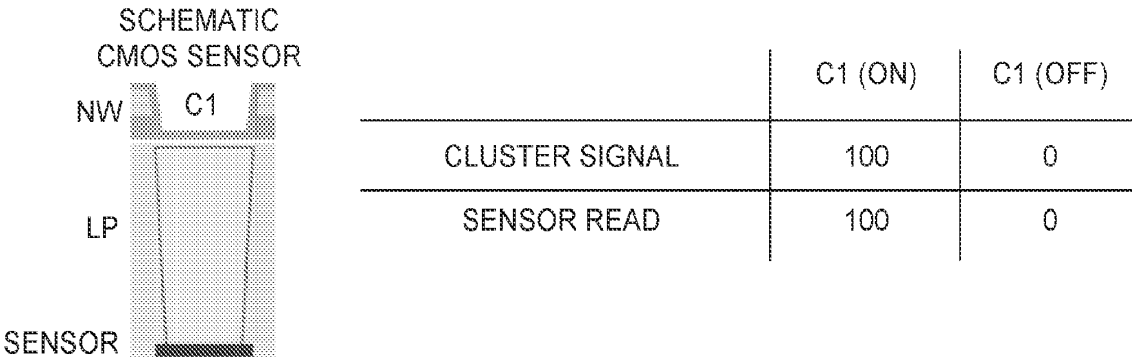


FIG. 1

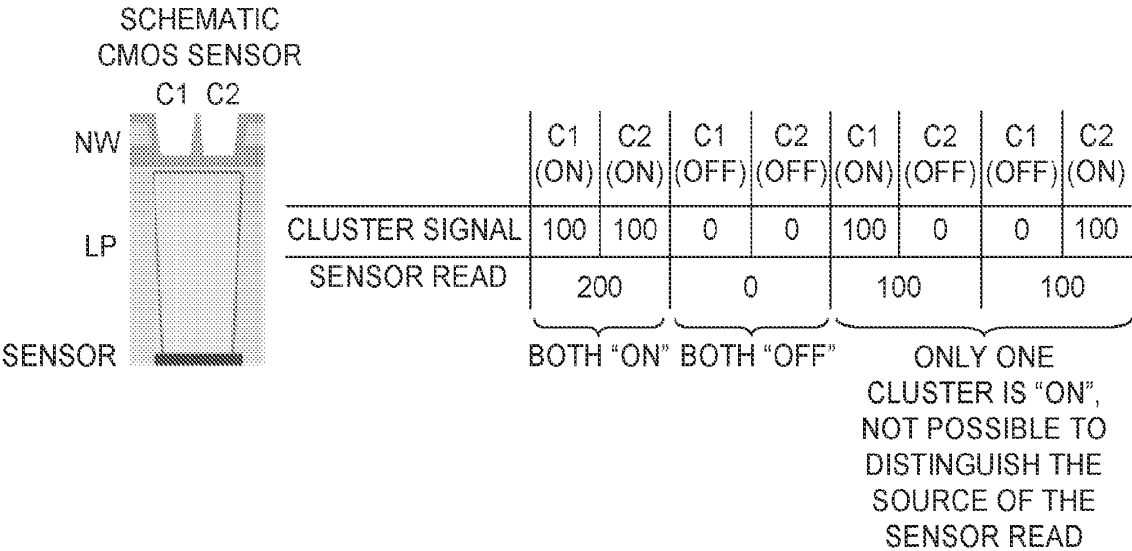


FIG. 2

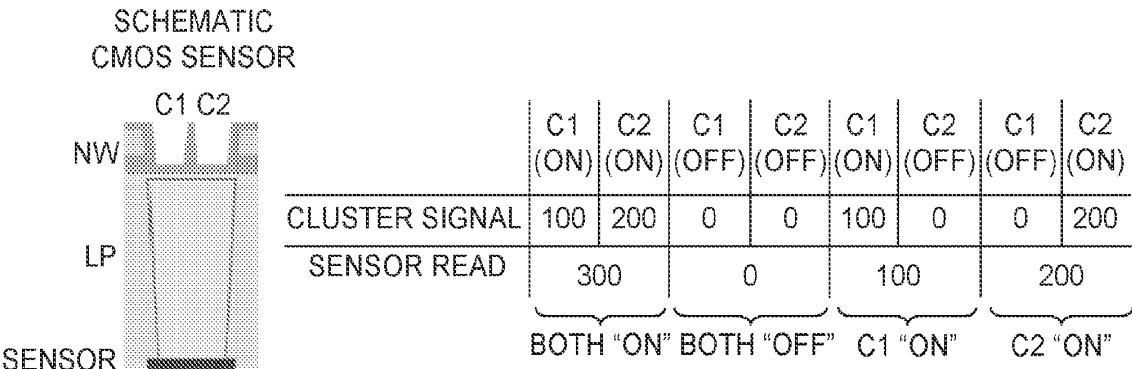


FIG. 3

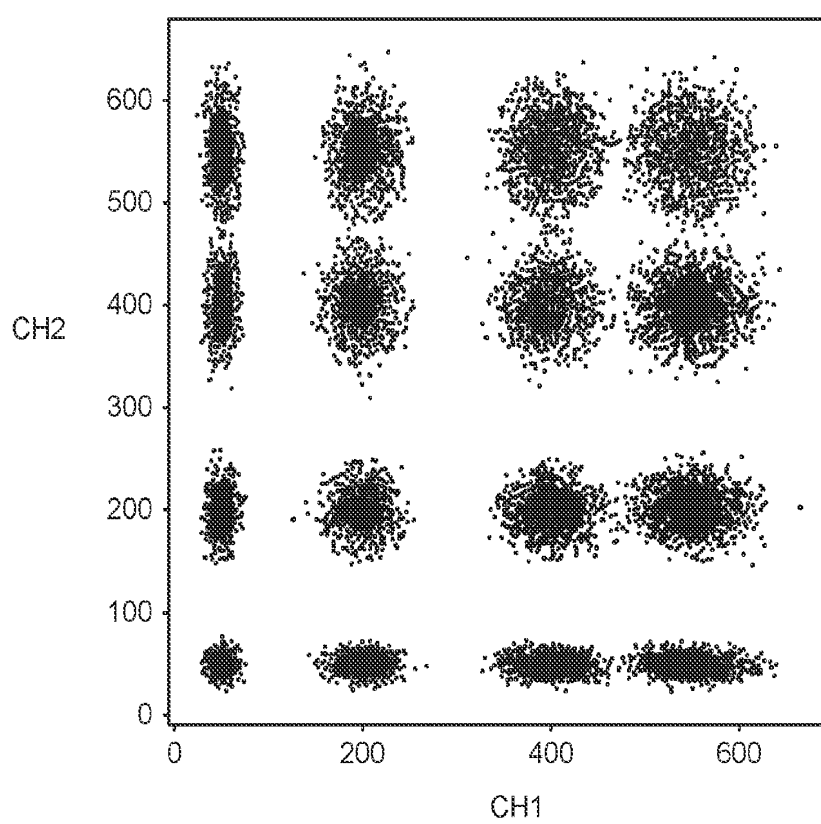


FIG. 4

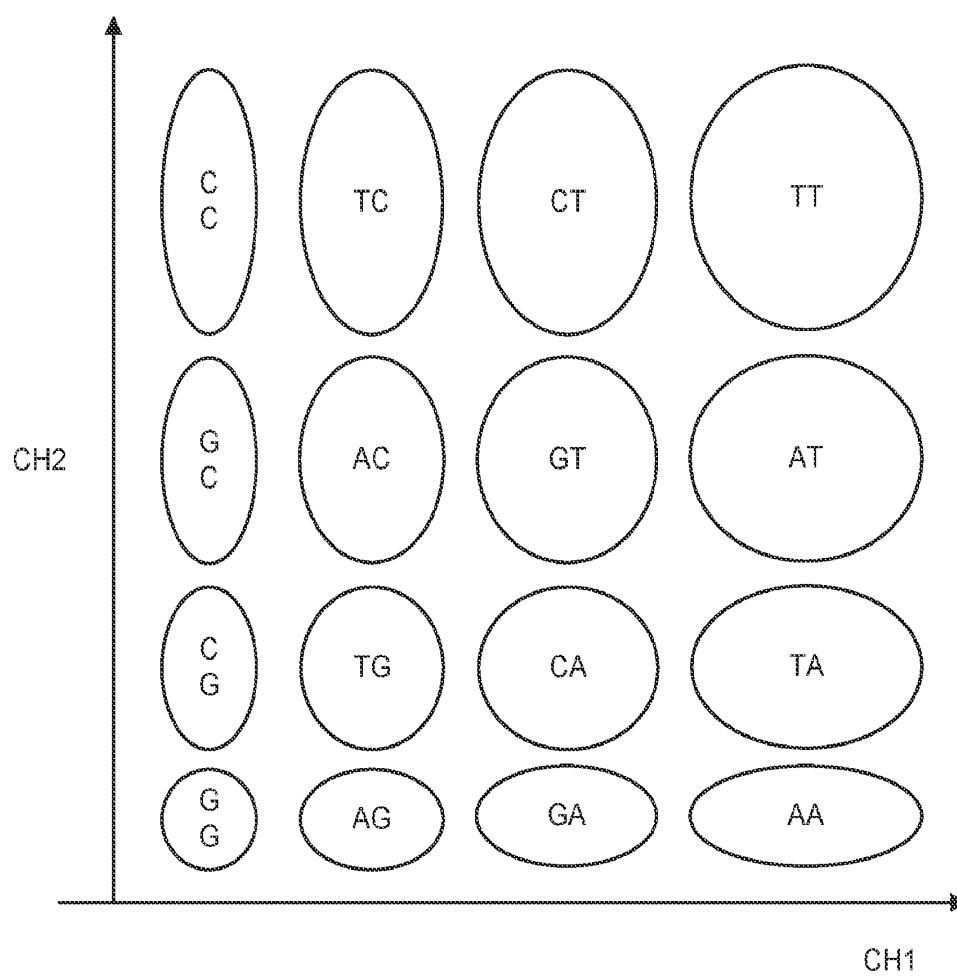


FIG. 5

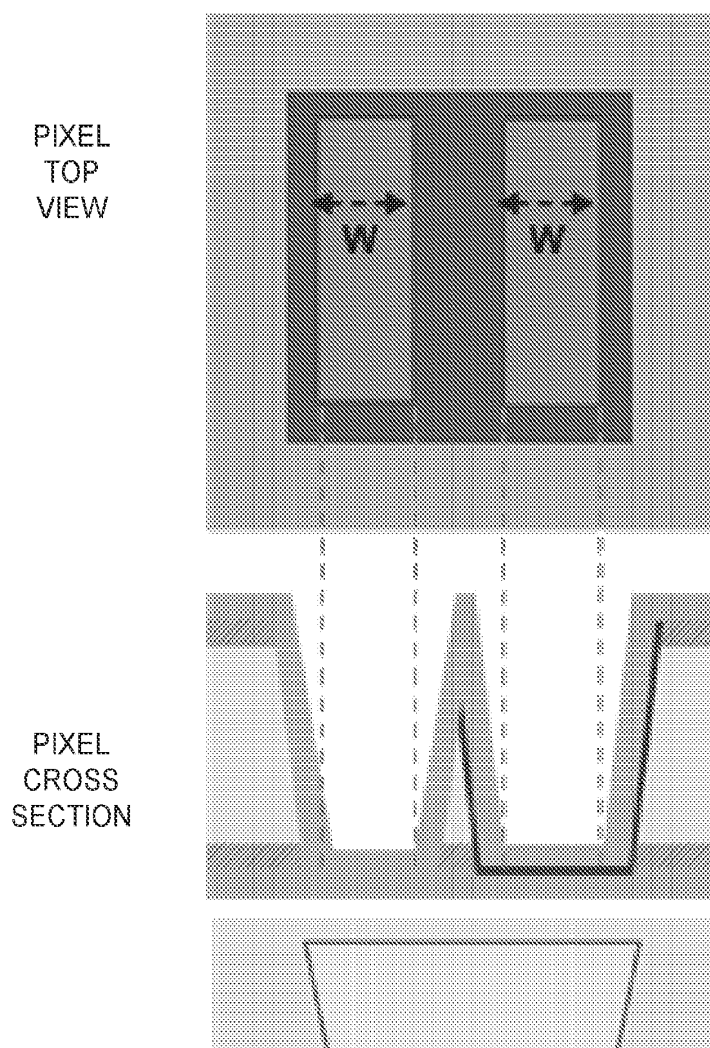


FIG. 6

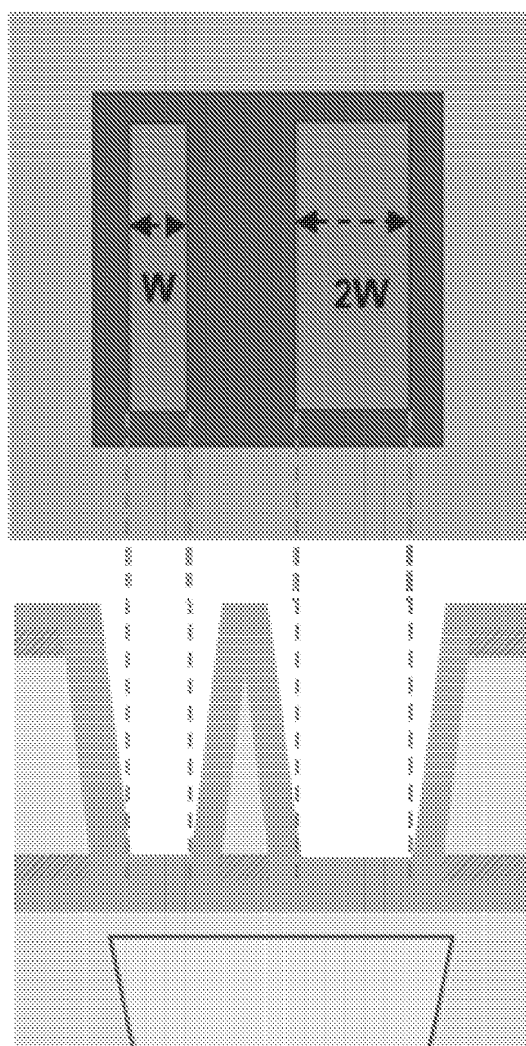


FIG. 7

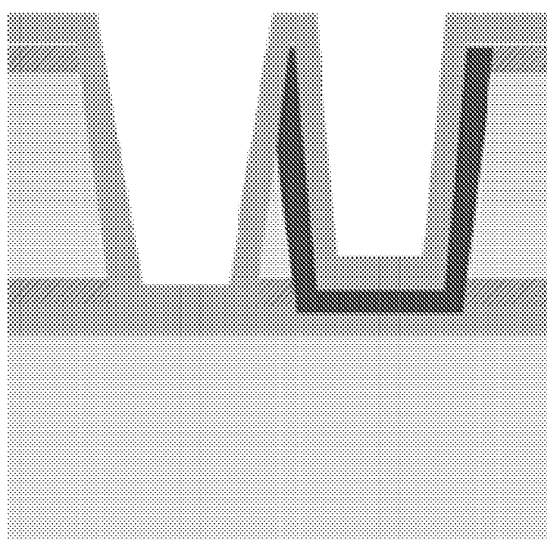


FIG. 8

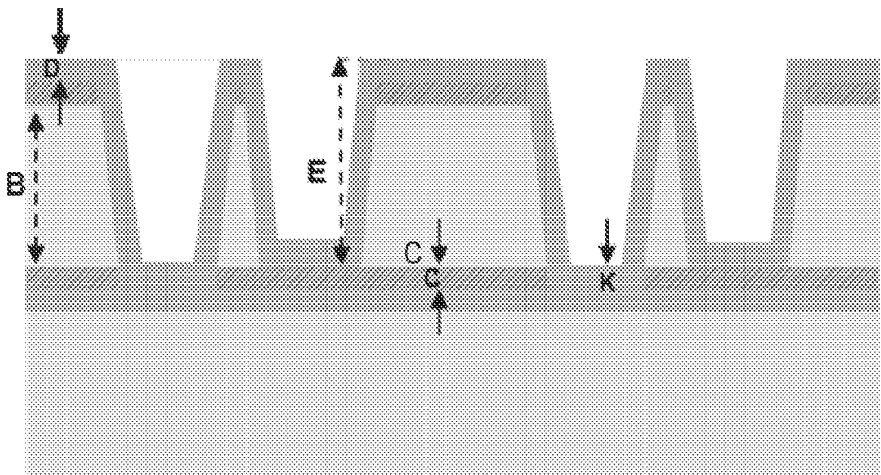
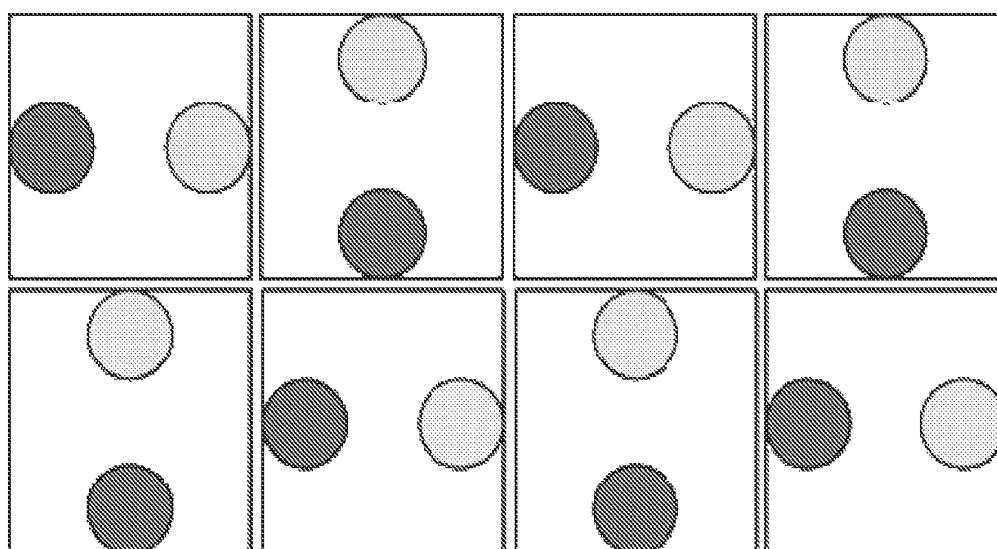


FIG. 9



TOP VIEW PIXEL SCHEMATICS

FIG. 10

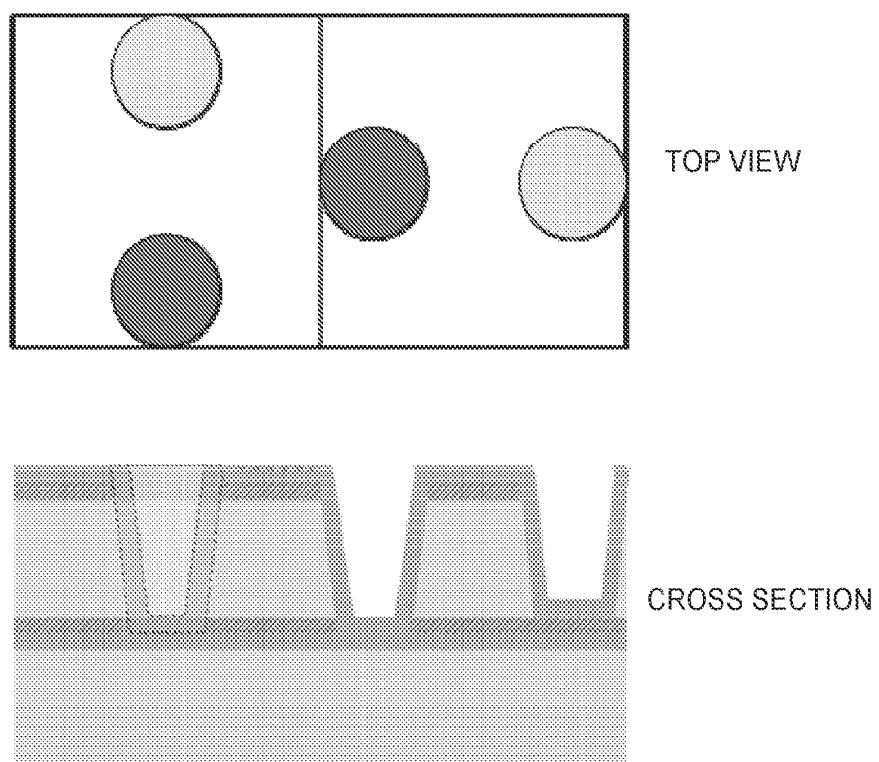
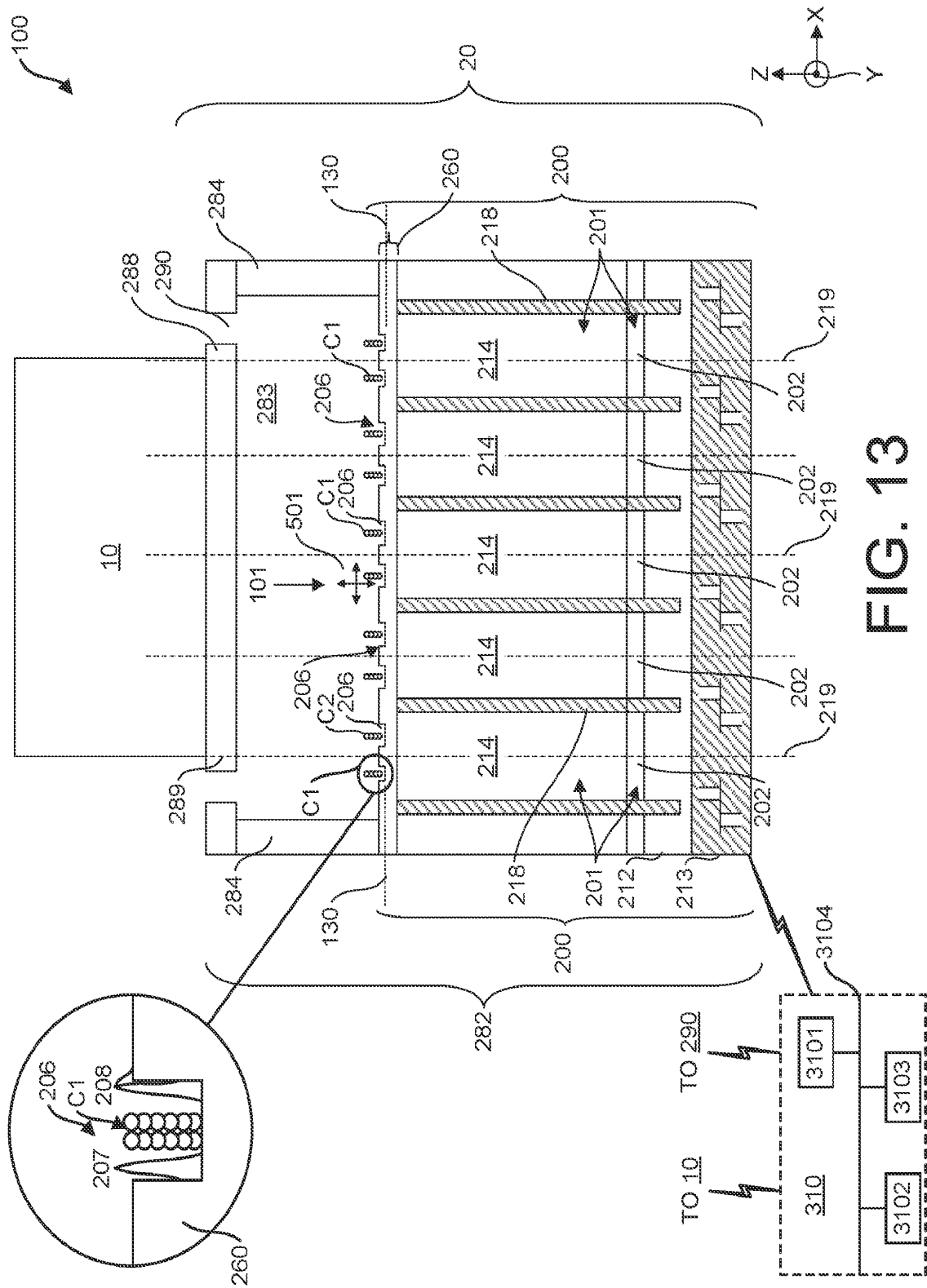


FIG. 11

# OF CLUSTERS ON A PIXEL	# OF CLOUDS	SIGNAL STRENGTH
1	4	1X
2	16	1X, 2X
3	64	1X, 2X, 4X
4	256	1X, 2X, 4X, 8X

FIG. 12



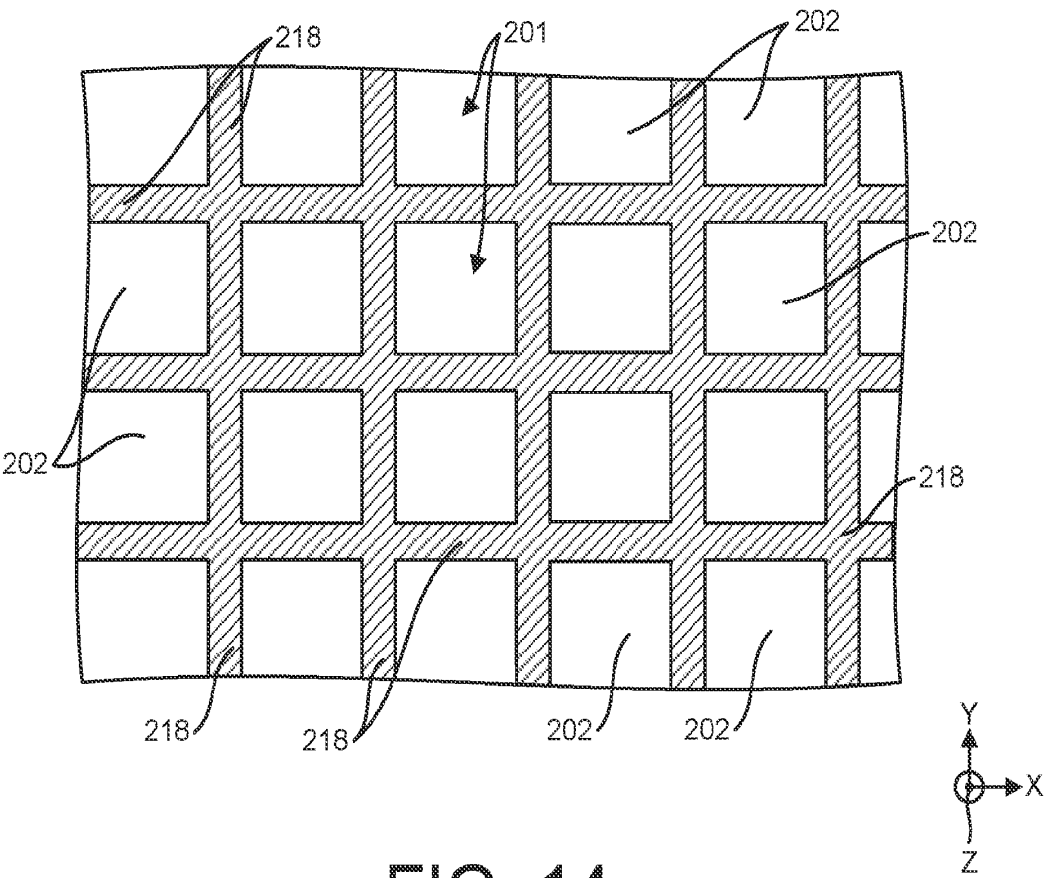
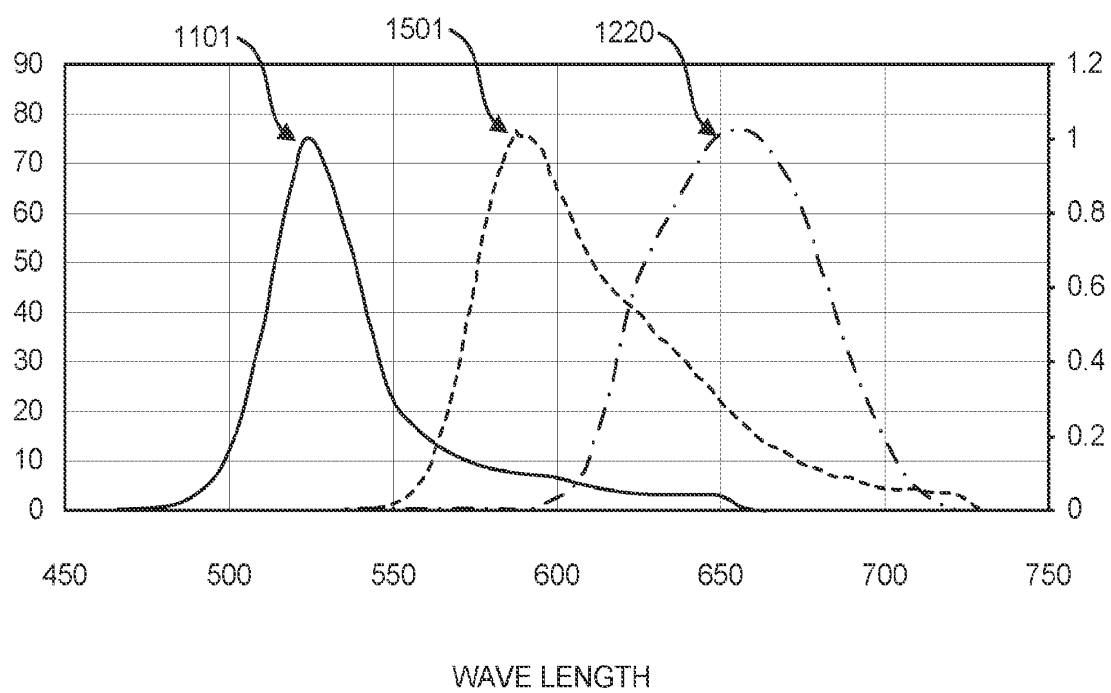


FIG. 14

**FIG. 15**

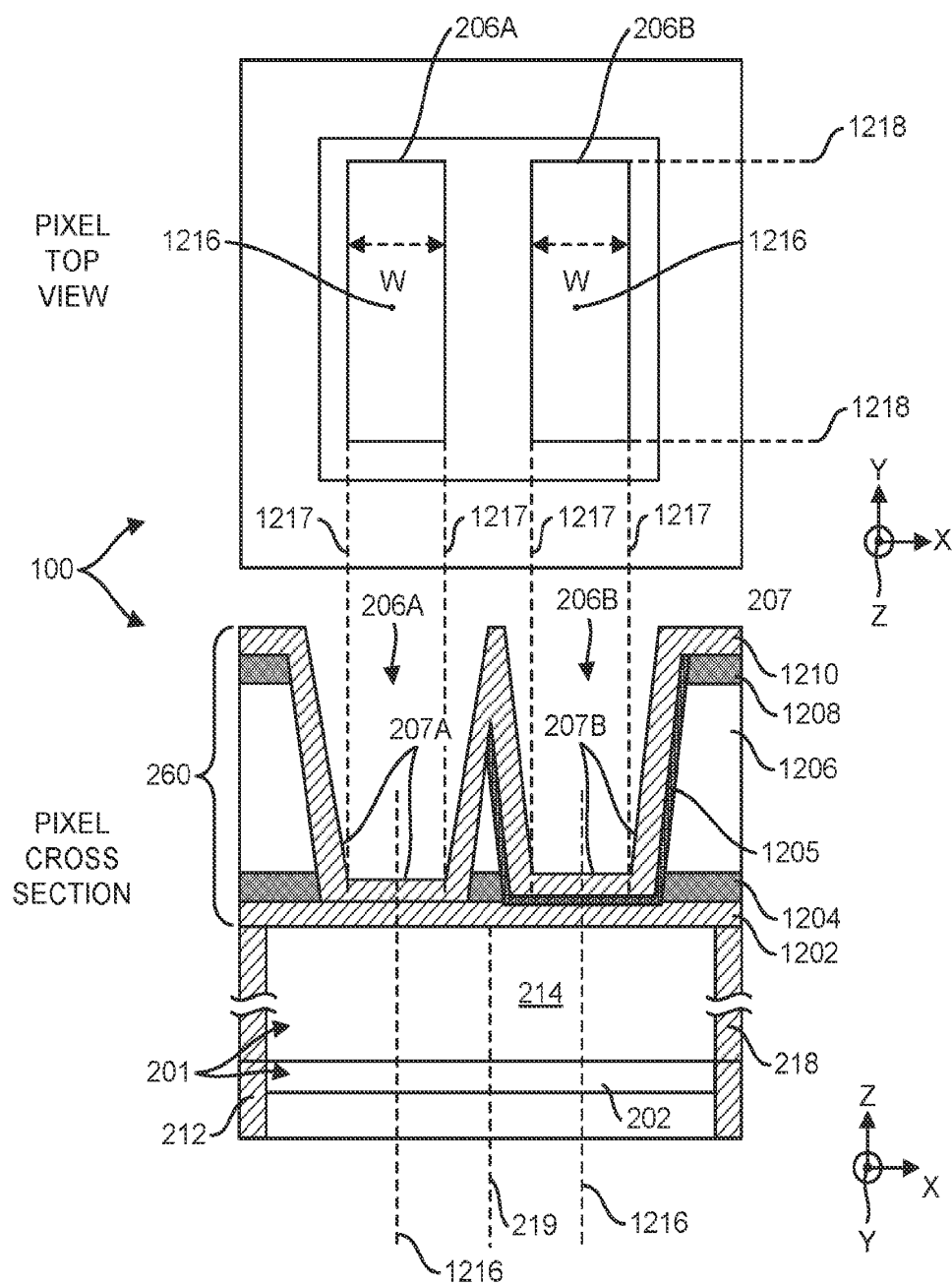


FIG. 16

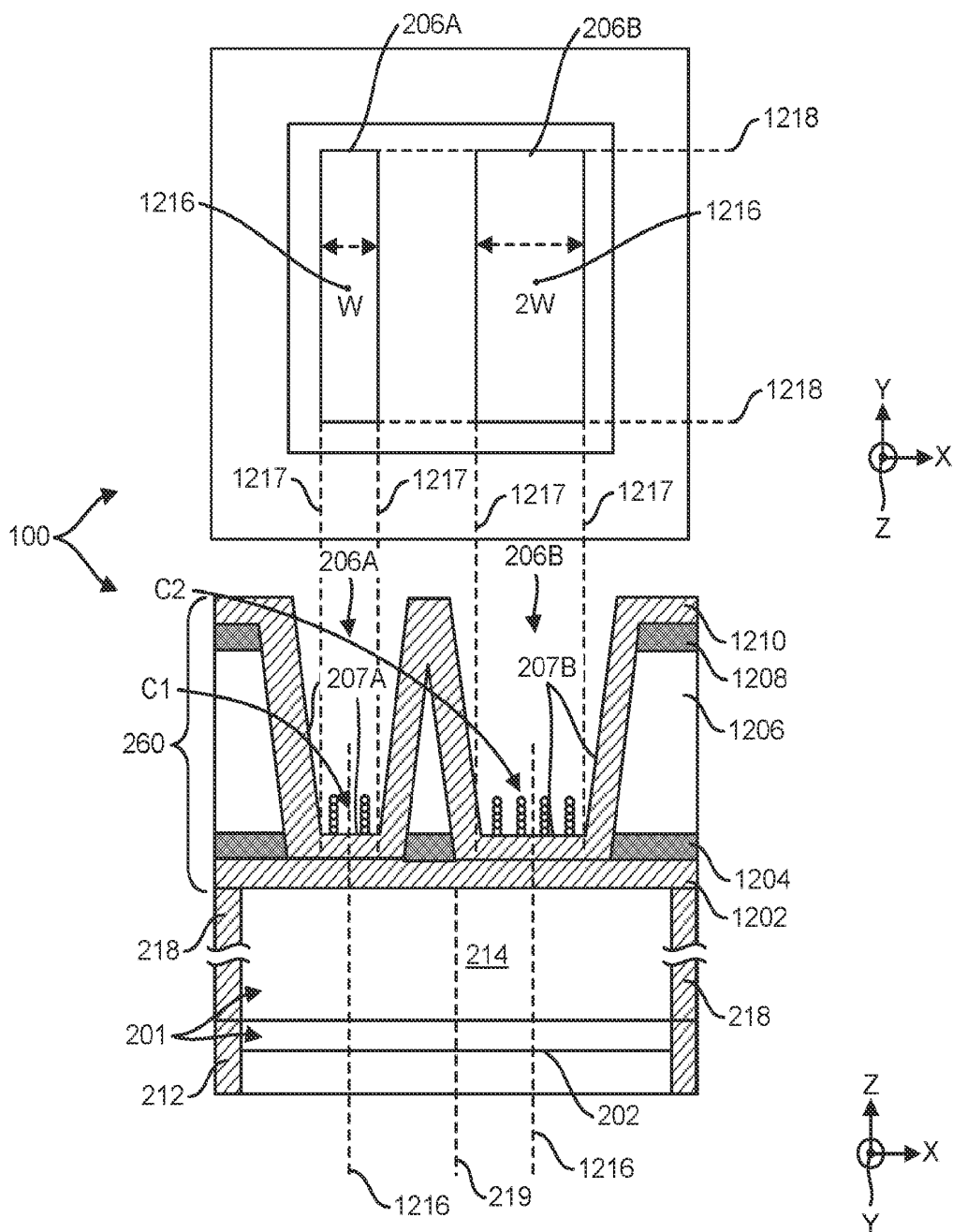


FIG. 17

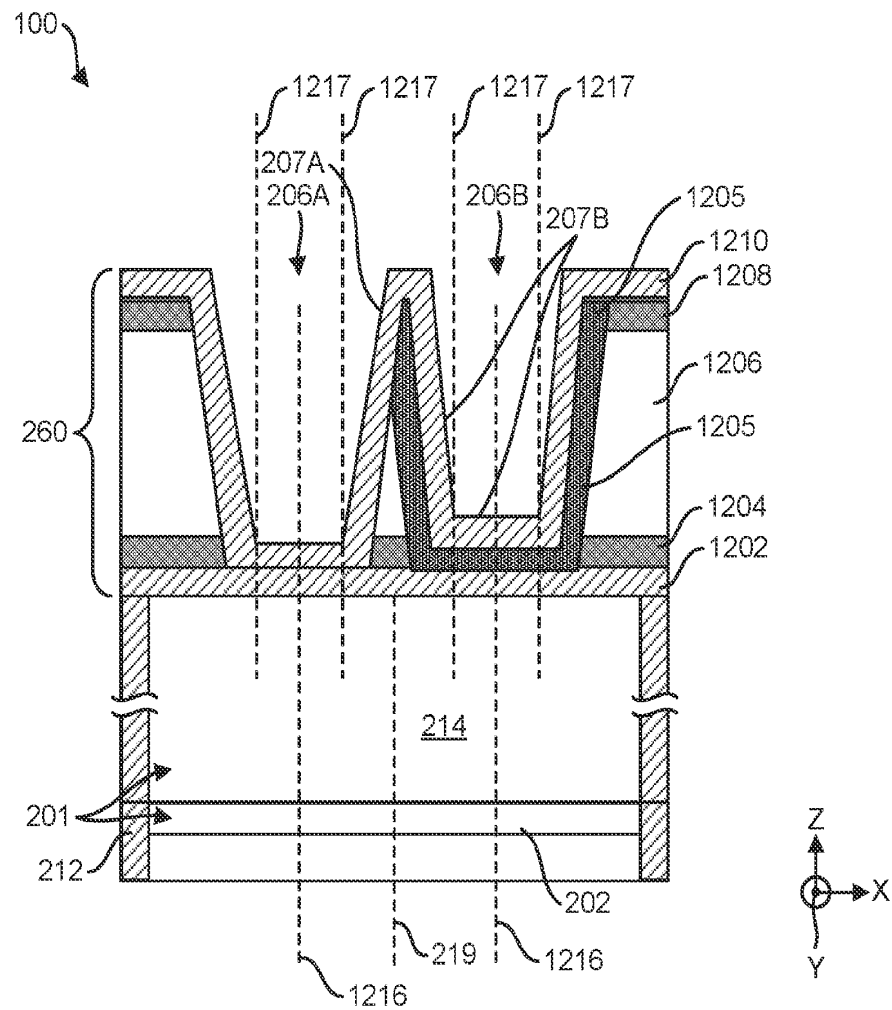


FIG. 18A

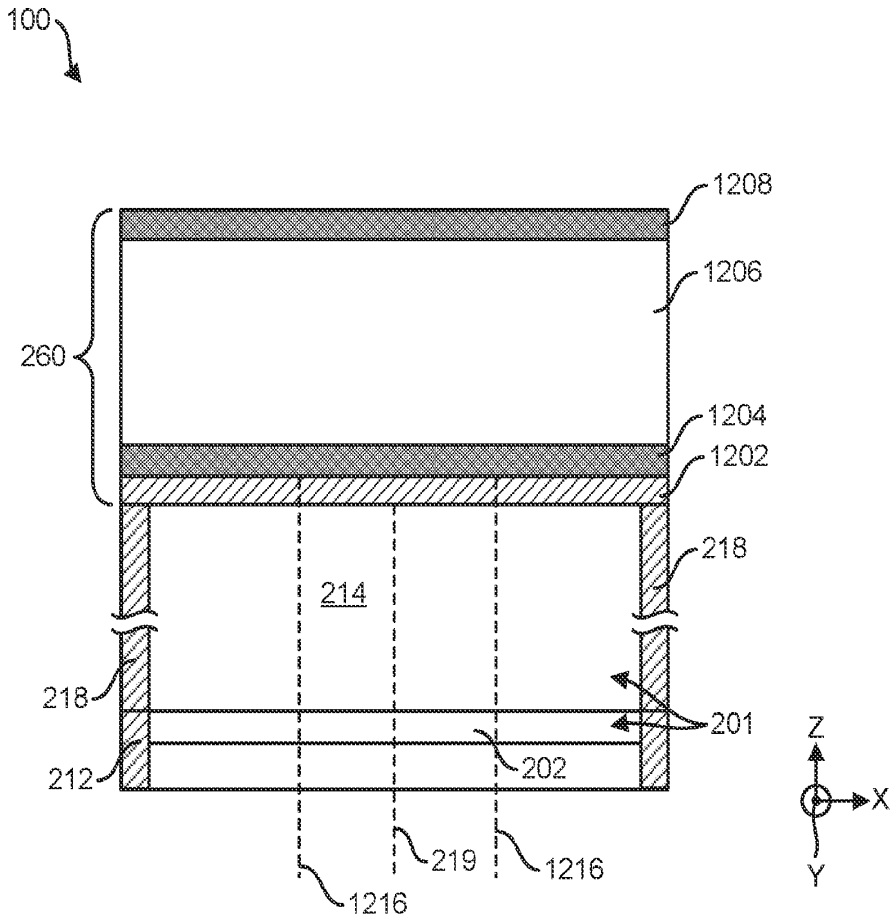


FIG. 18B

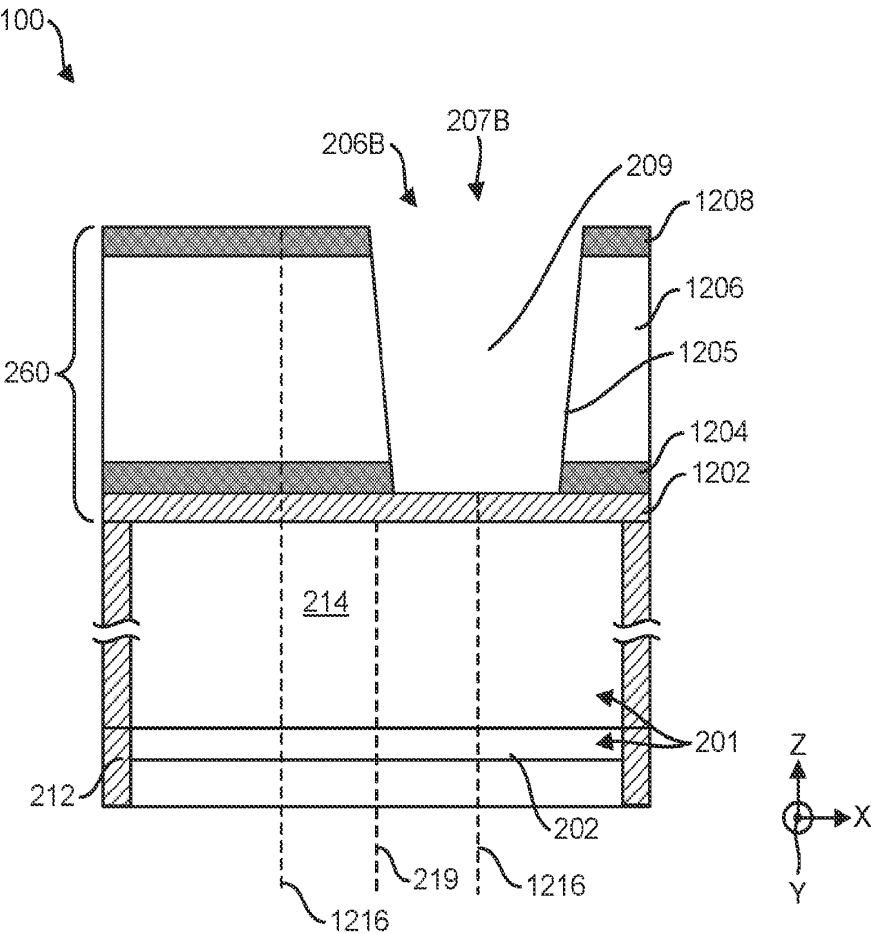


FIG. 18C

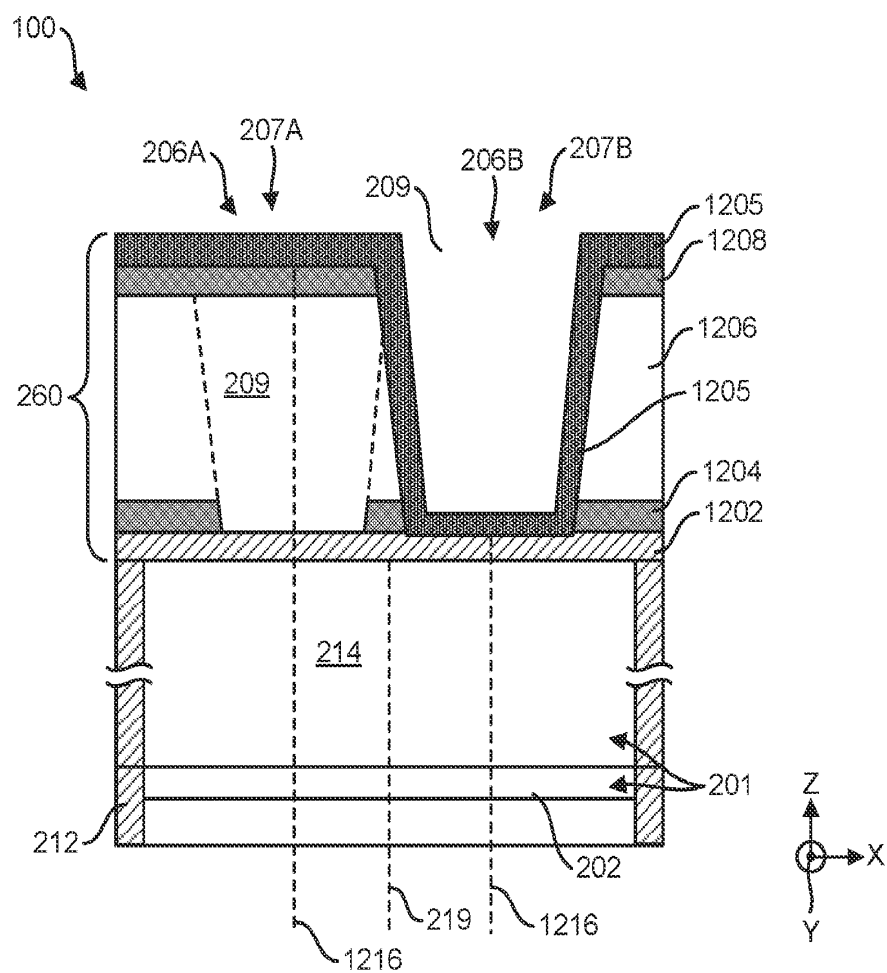


FIG. 18D

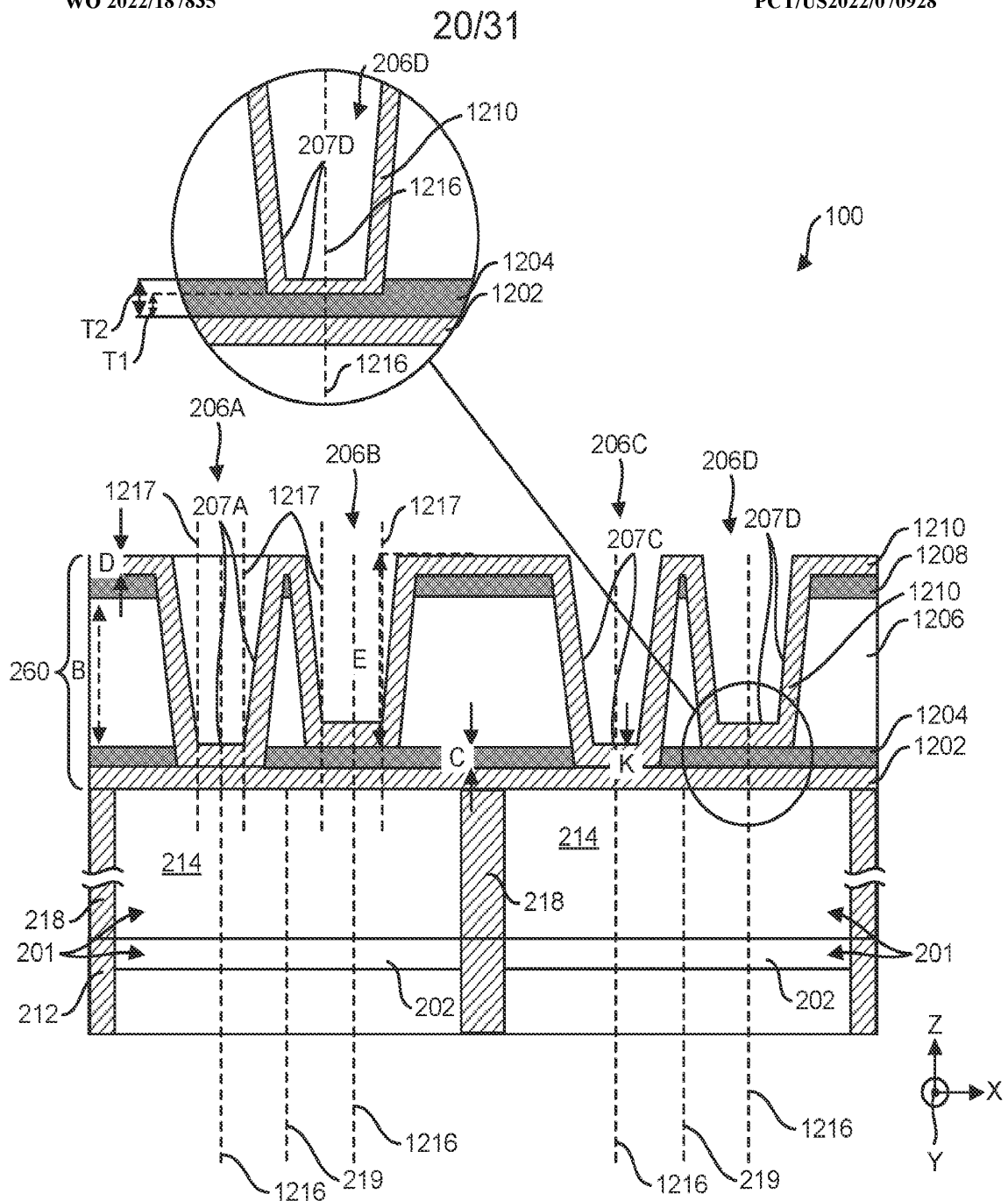


FIG. 19A

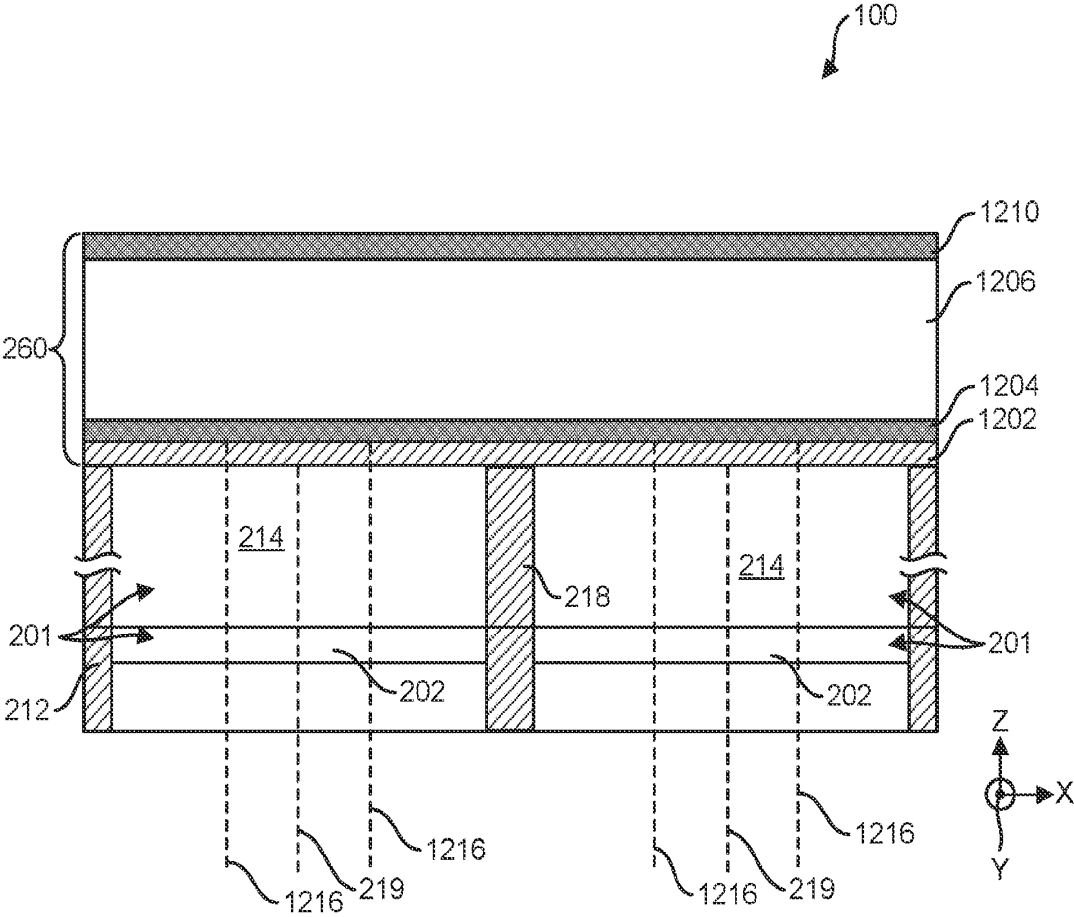


FIG. 19B

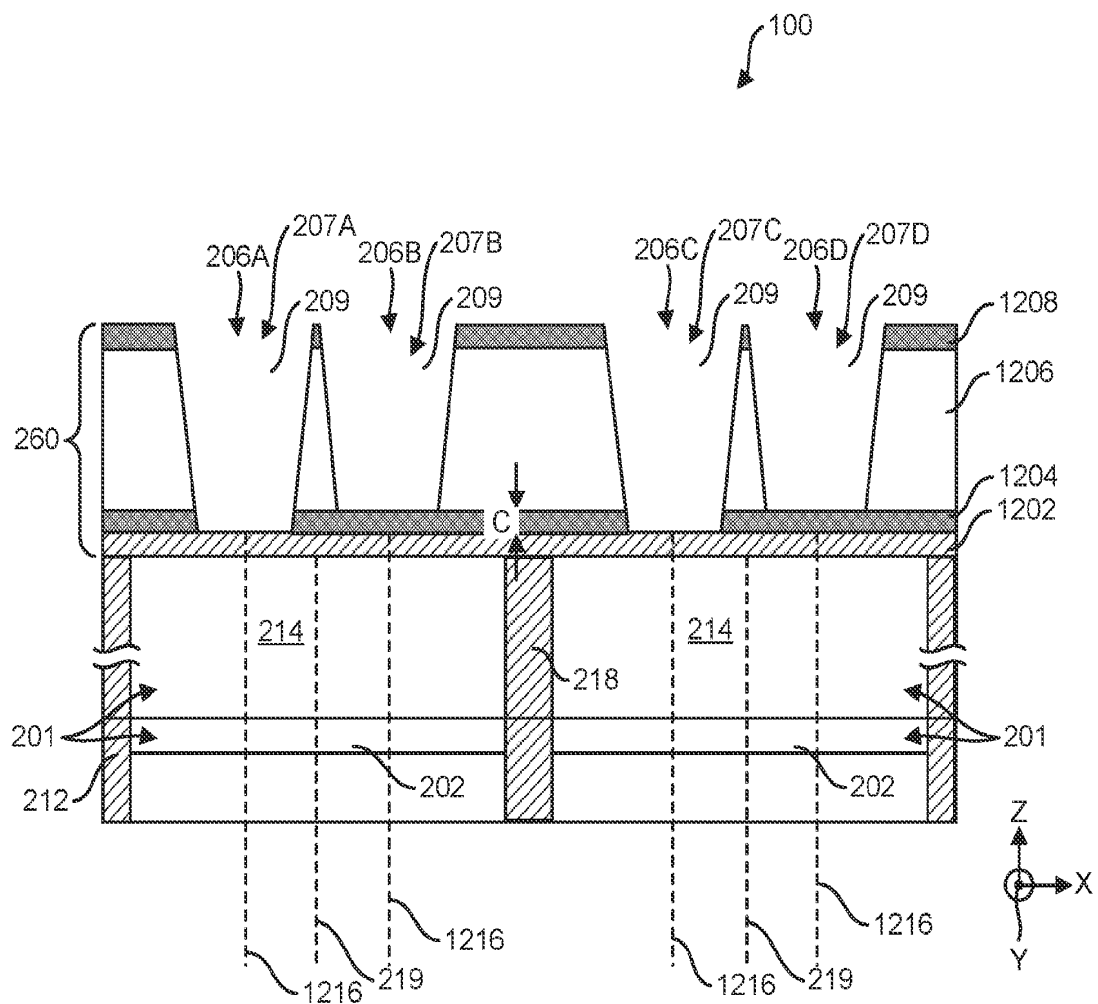


FIG. 19C

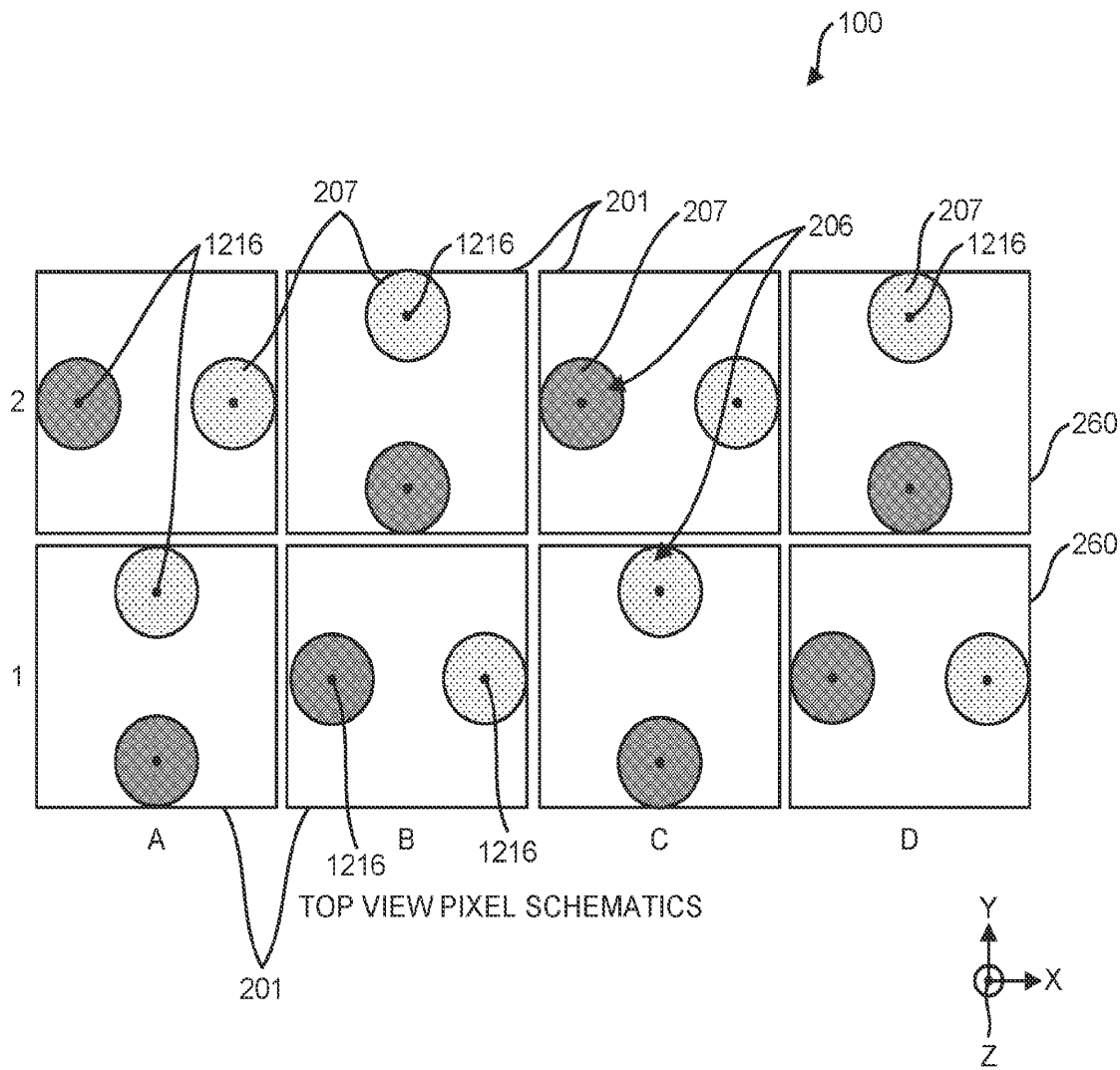


FIG. 20

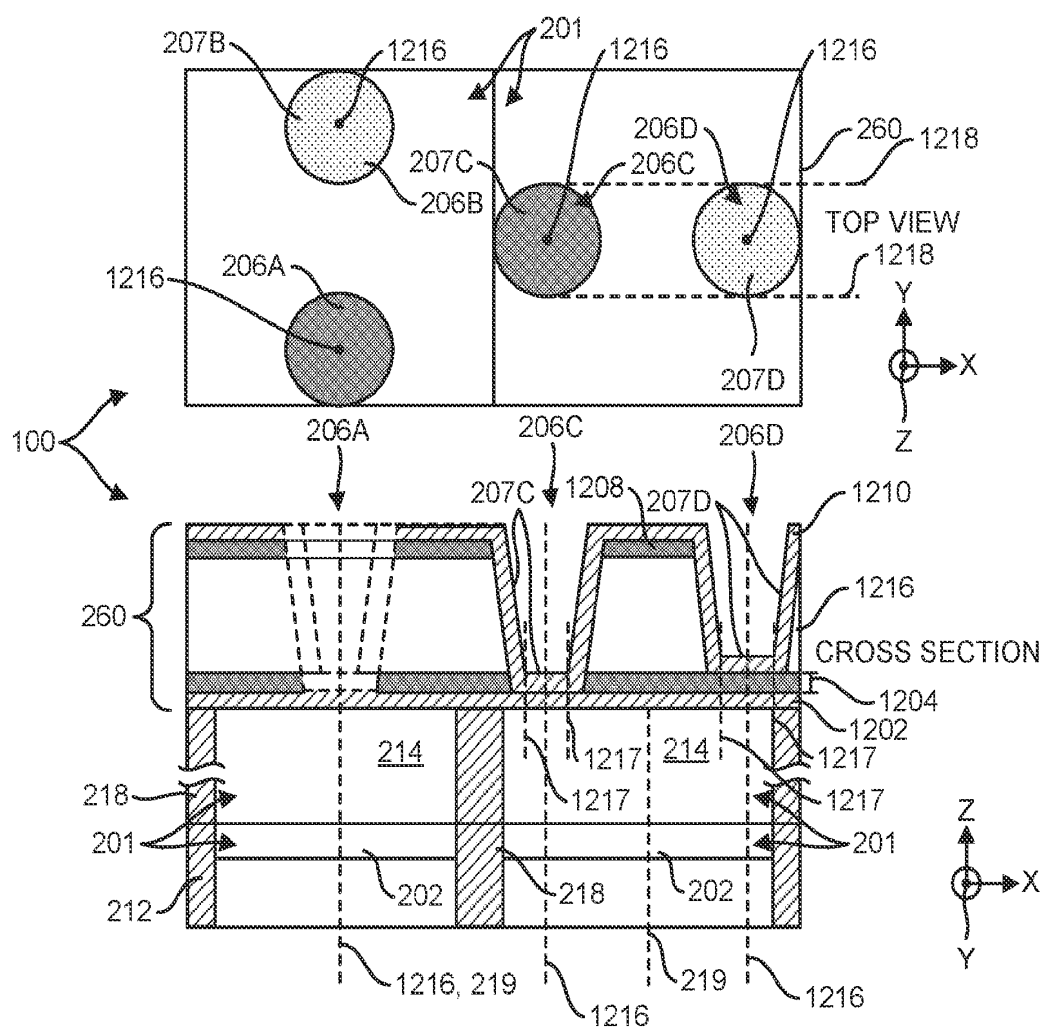


FIG. 21

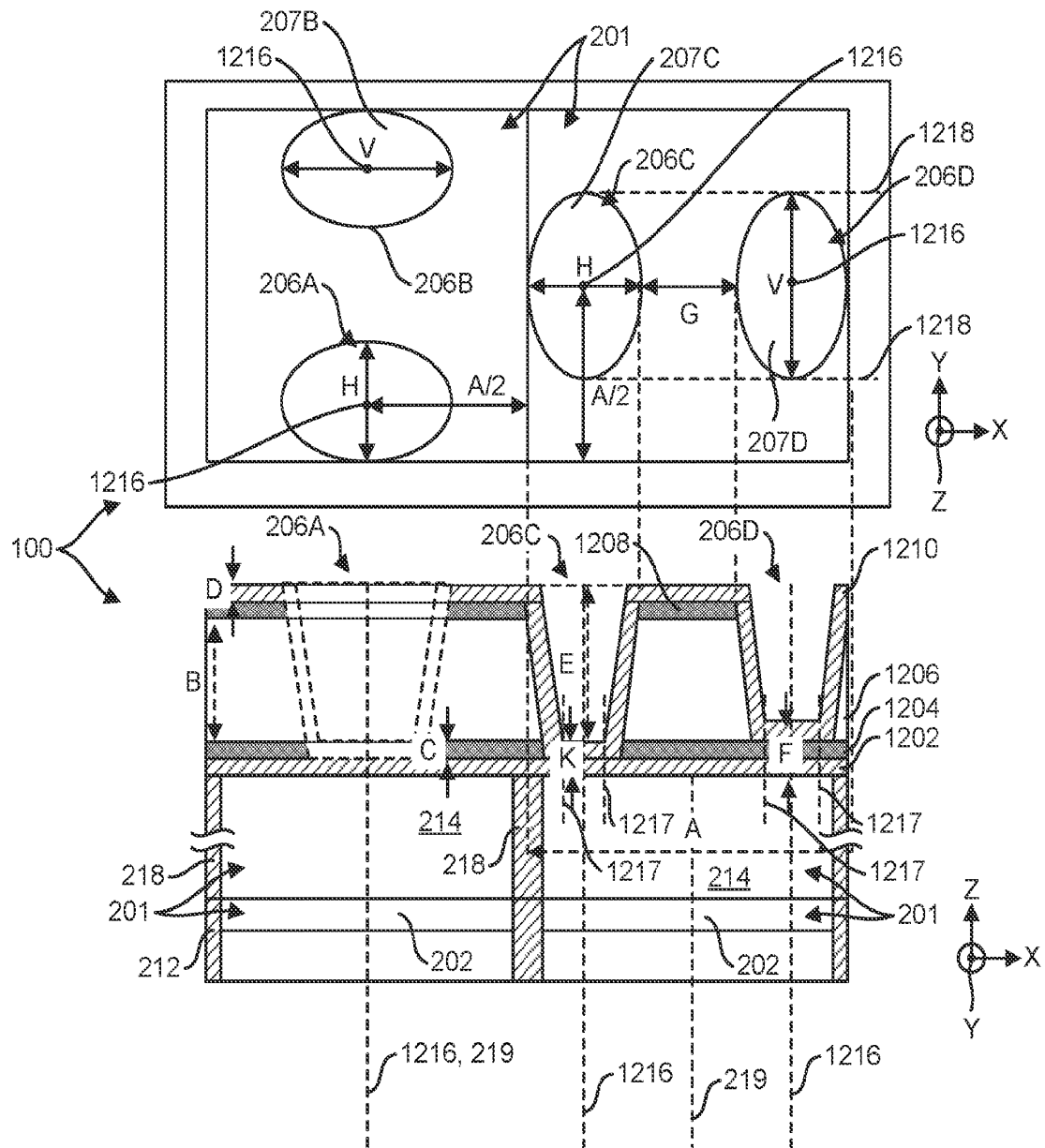


FIG. 22

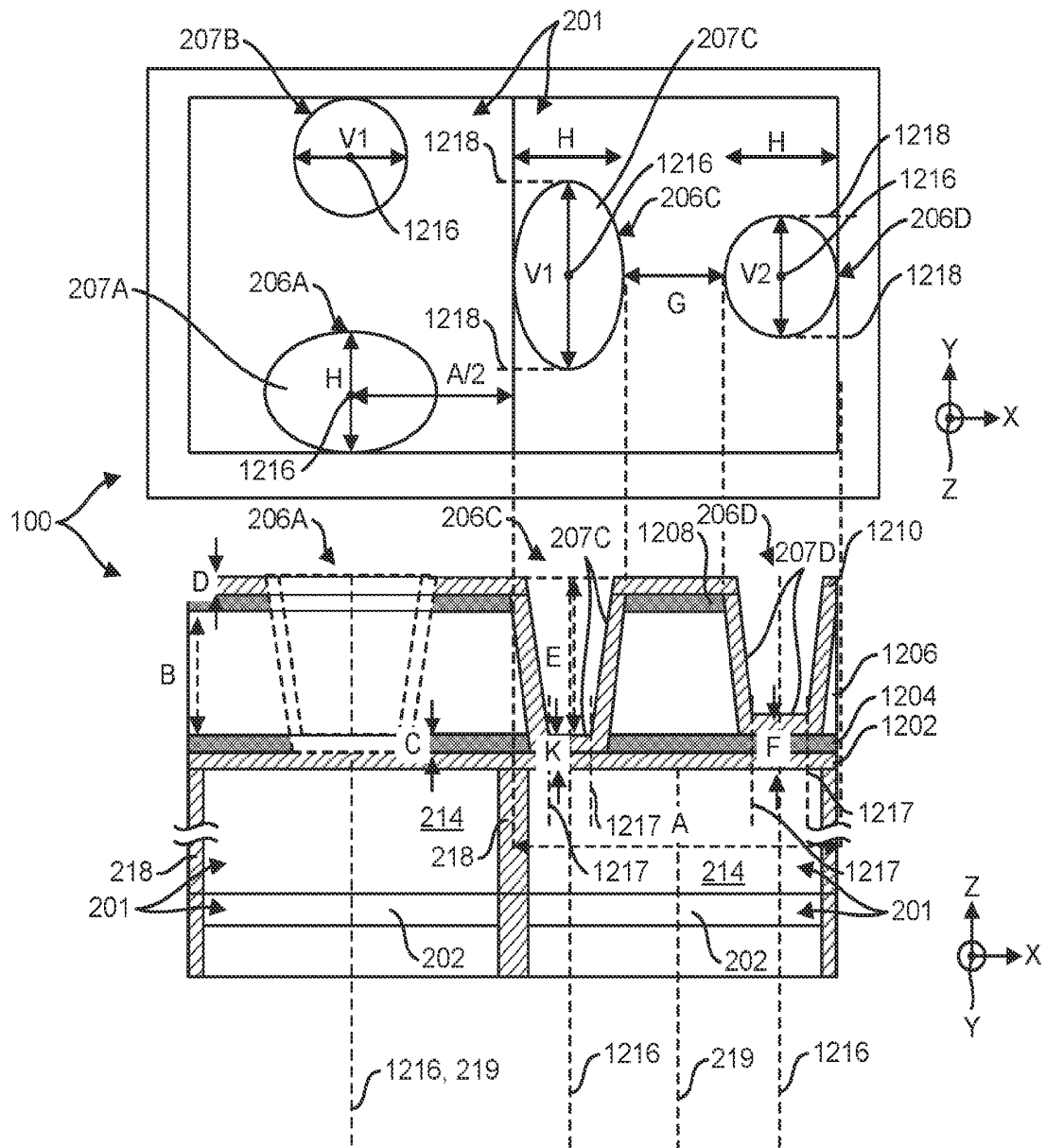


FIG. 23

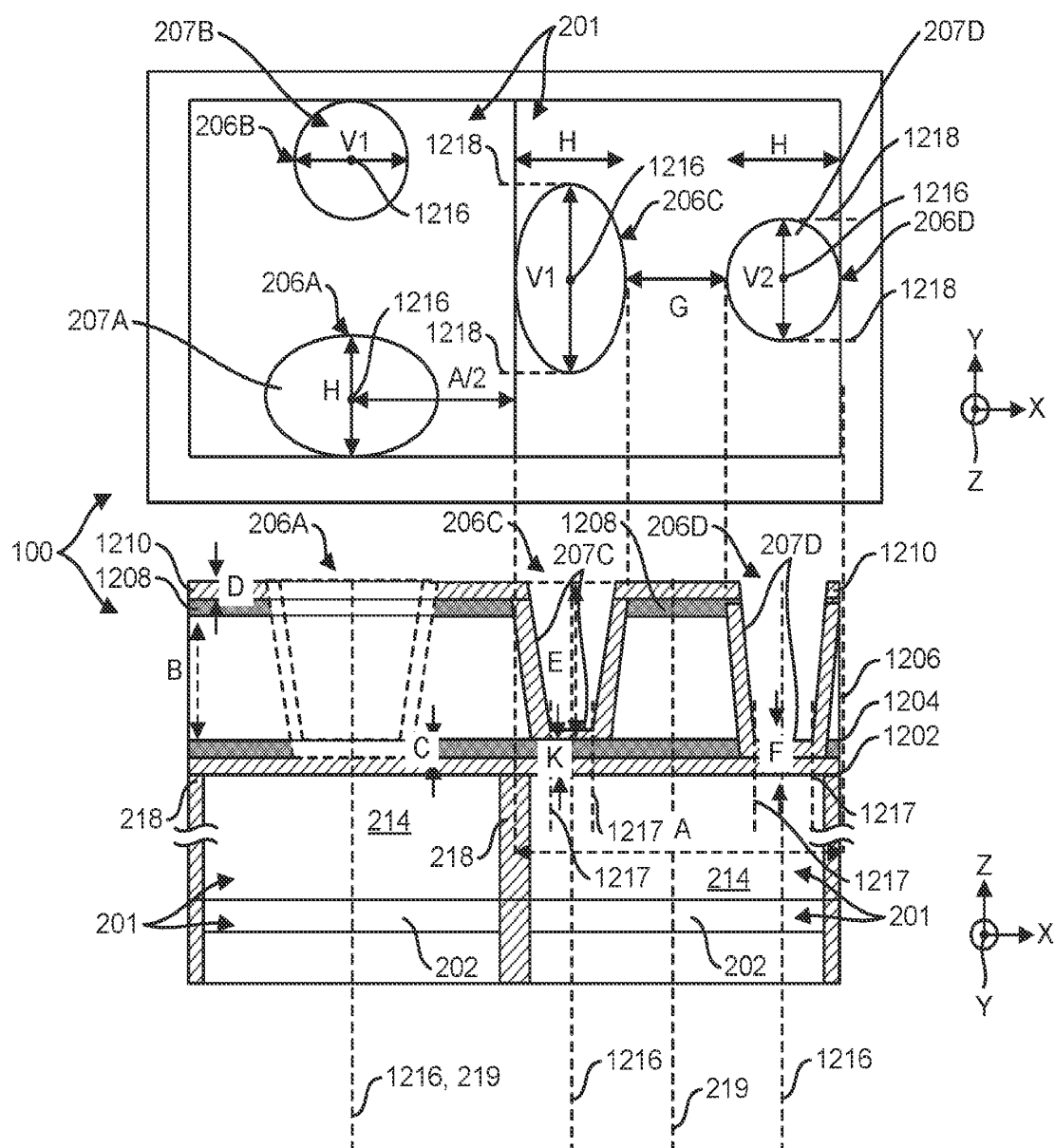


FIG. 24

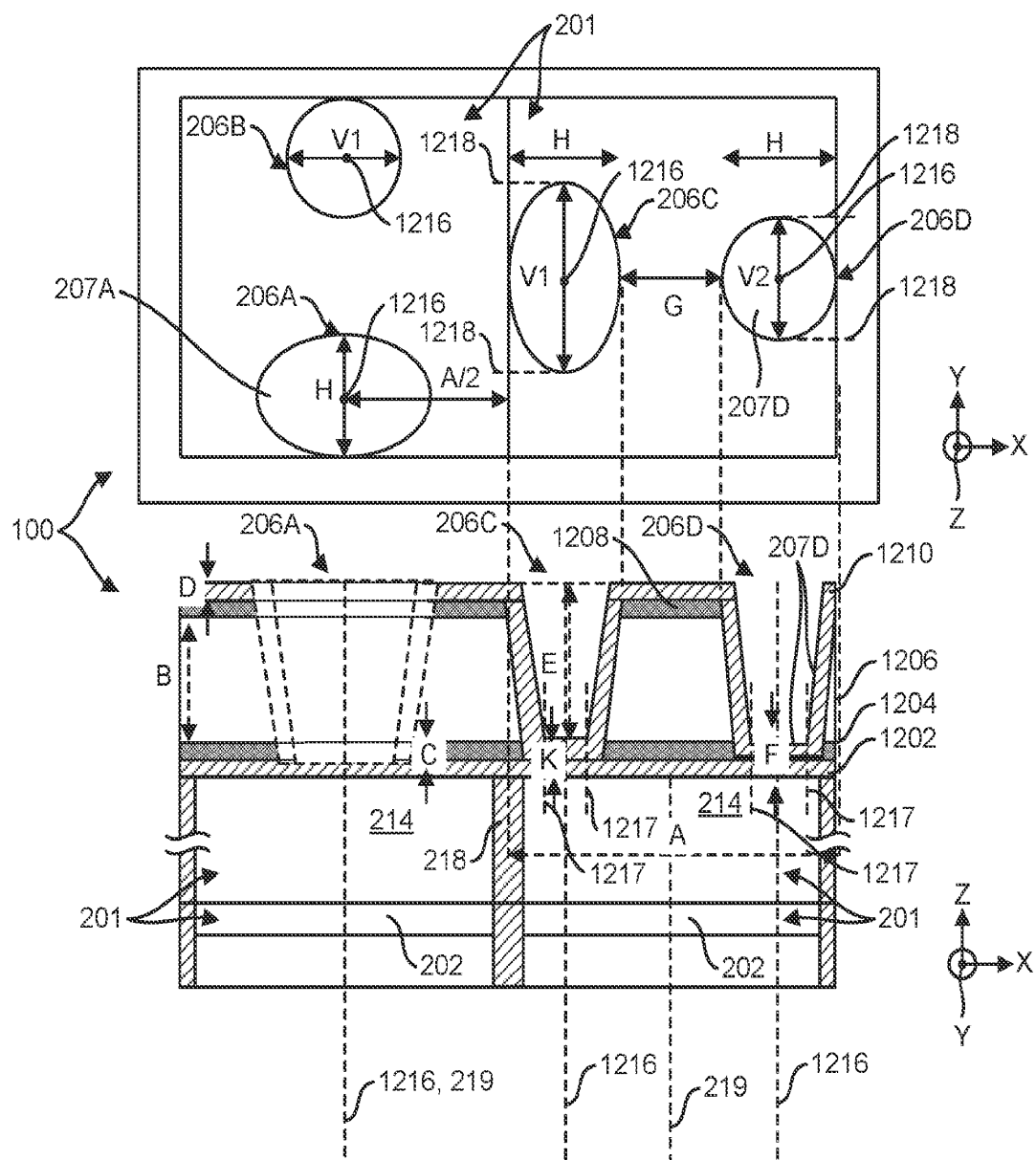


FIG. 25

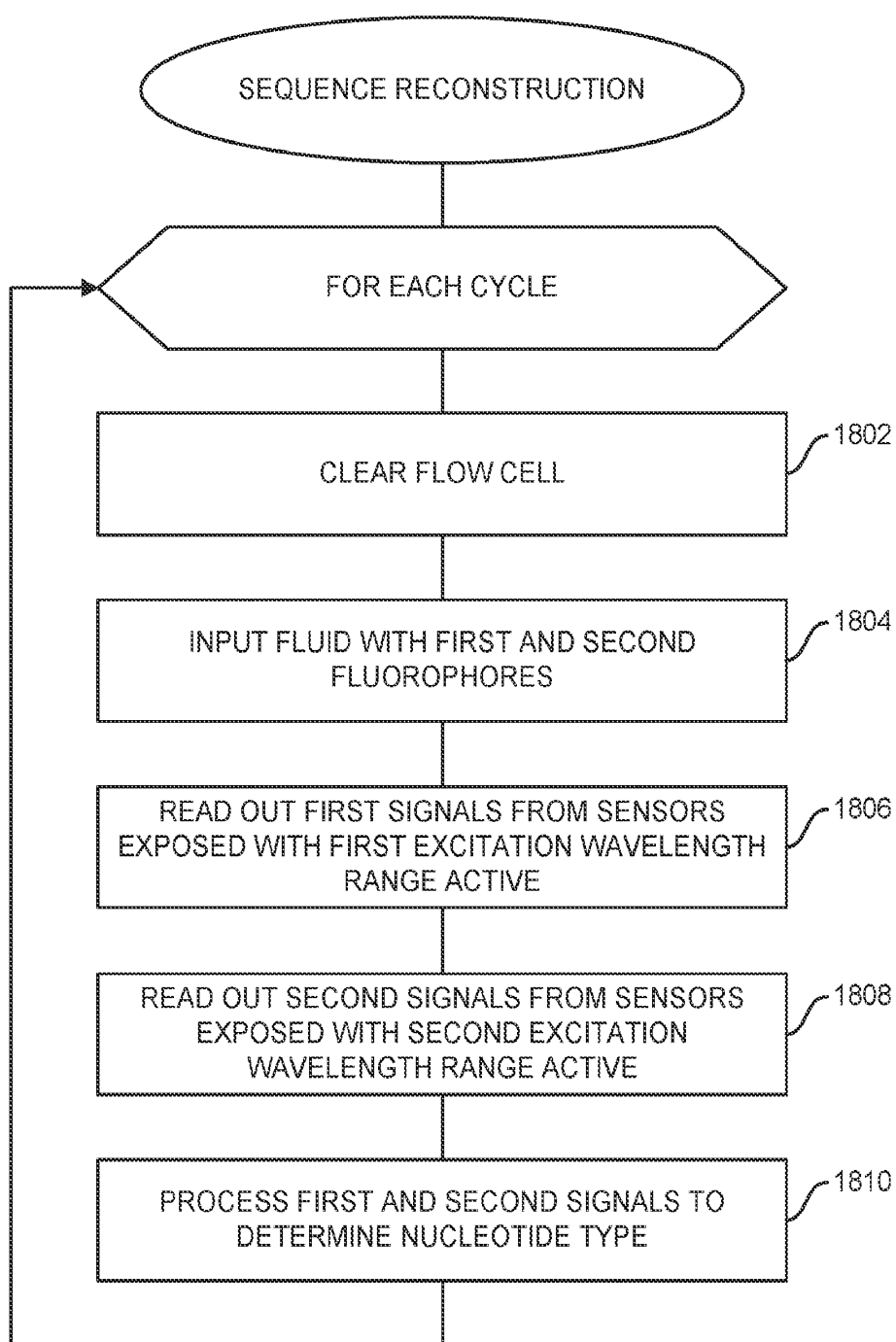


FIG. 26

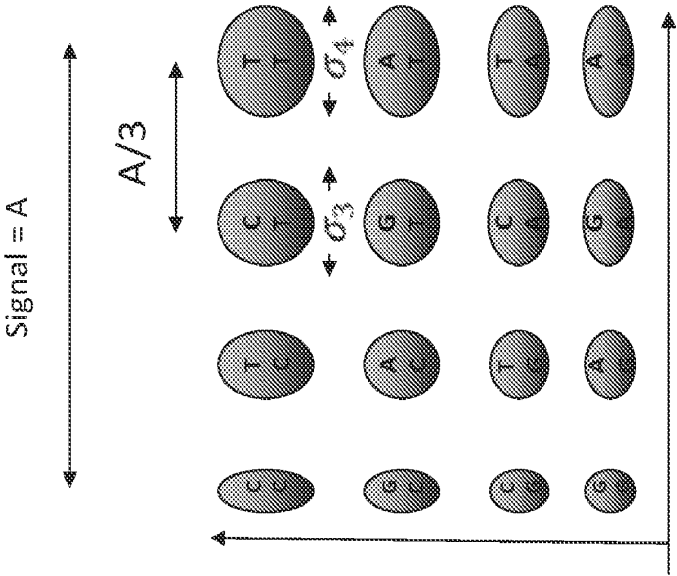


FIG. 27B

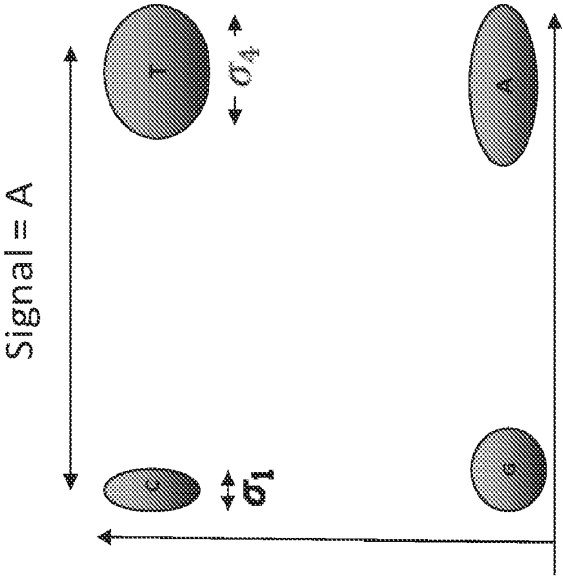


FIG. 27A

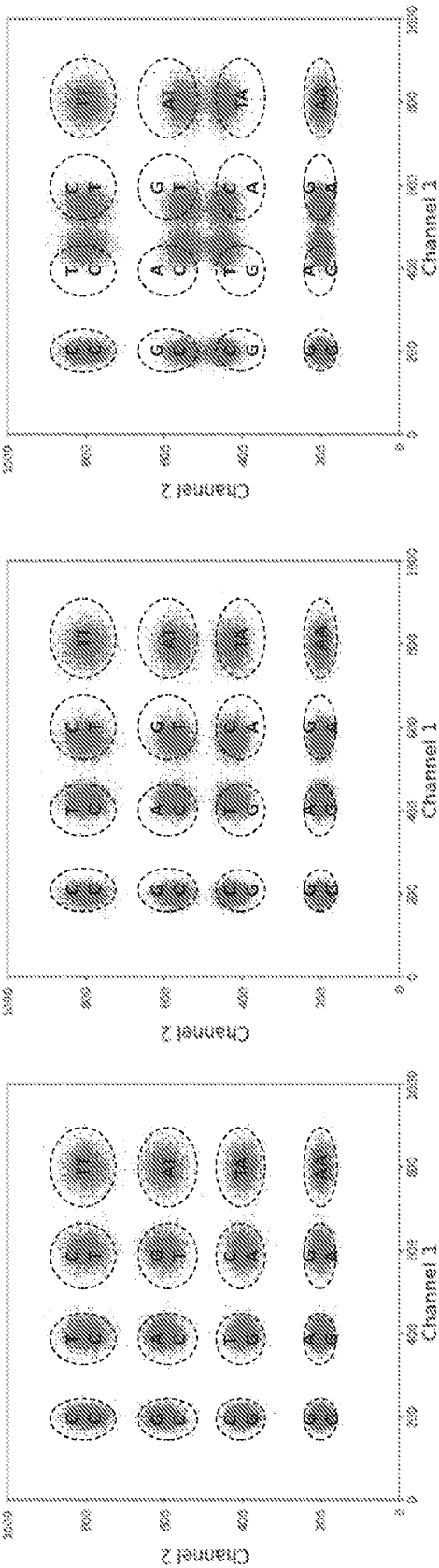


FIG. 28C

FIG. 28B

FIG. 28A