

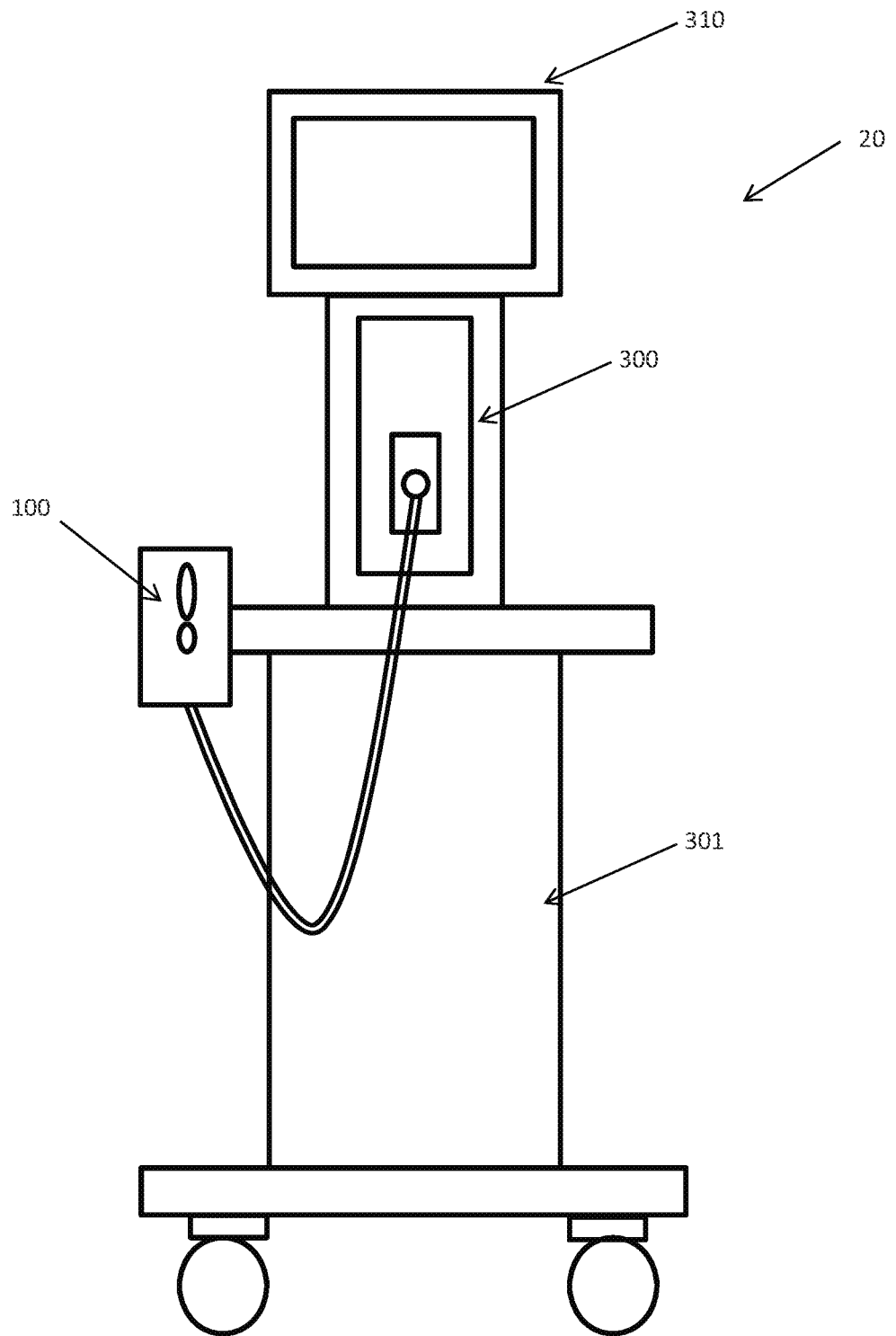


FIG. 1A

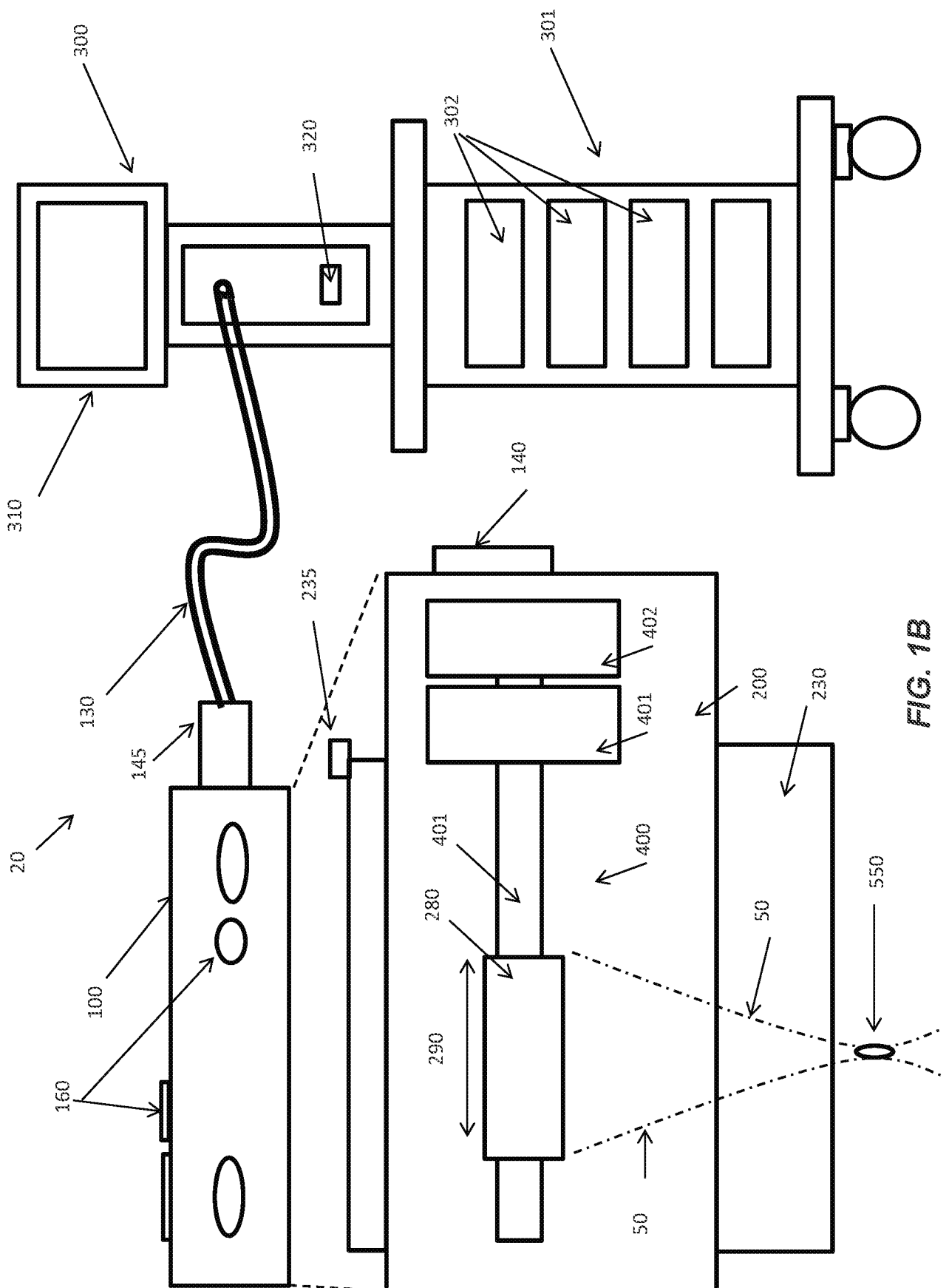


FIG. 1B

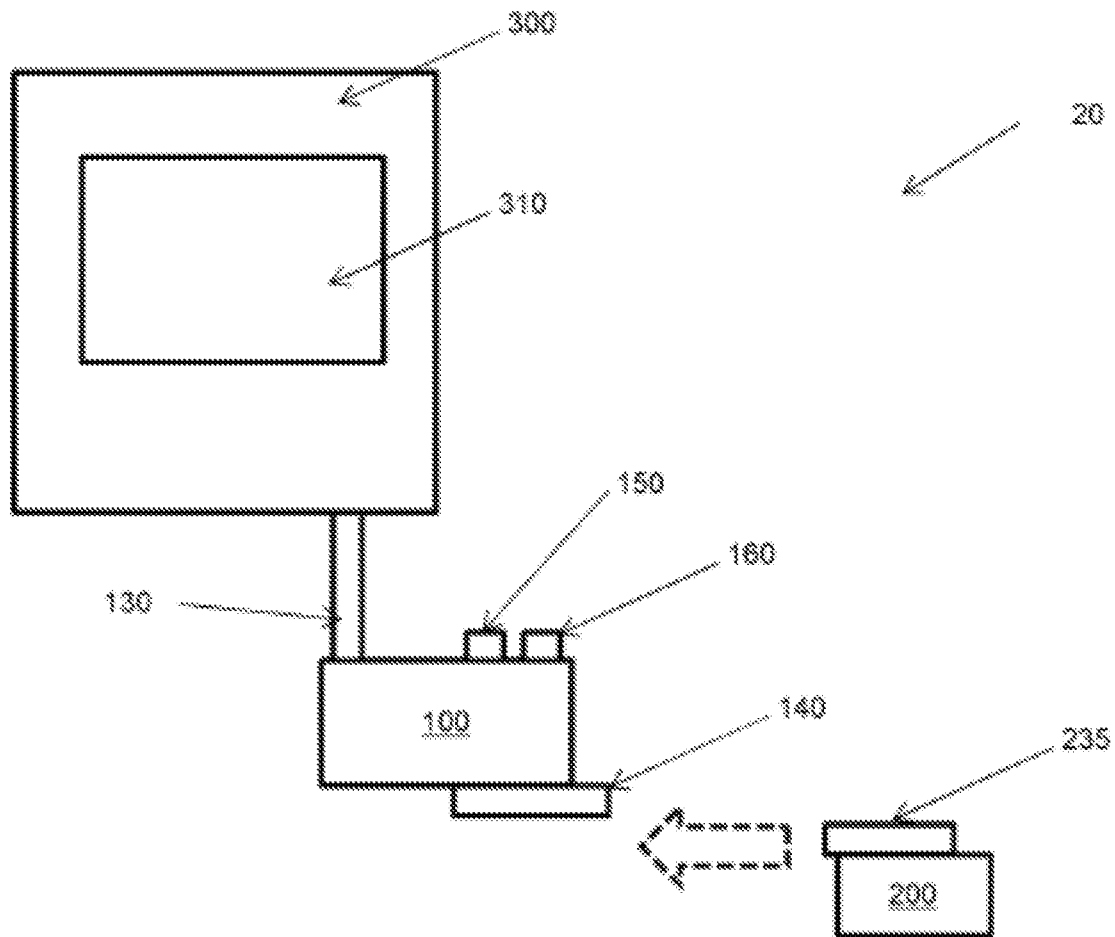
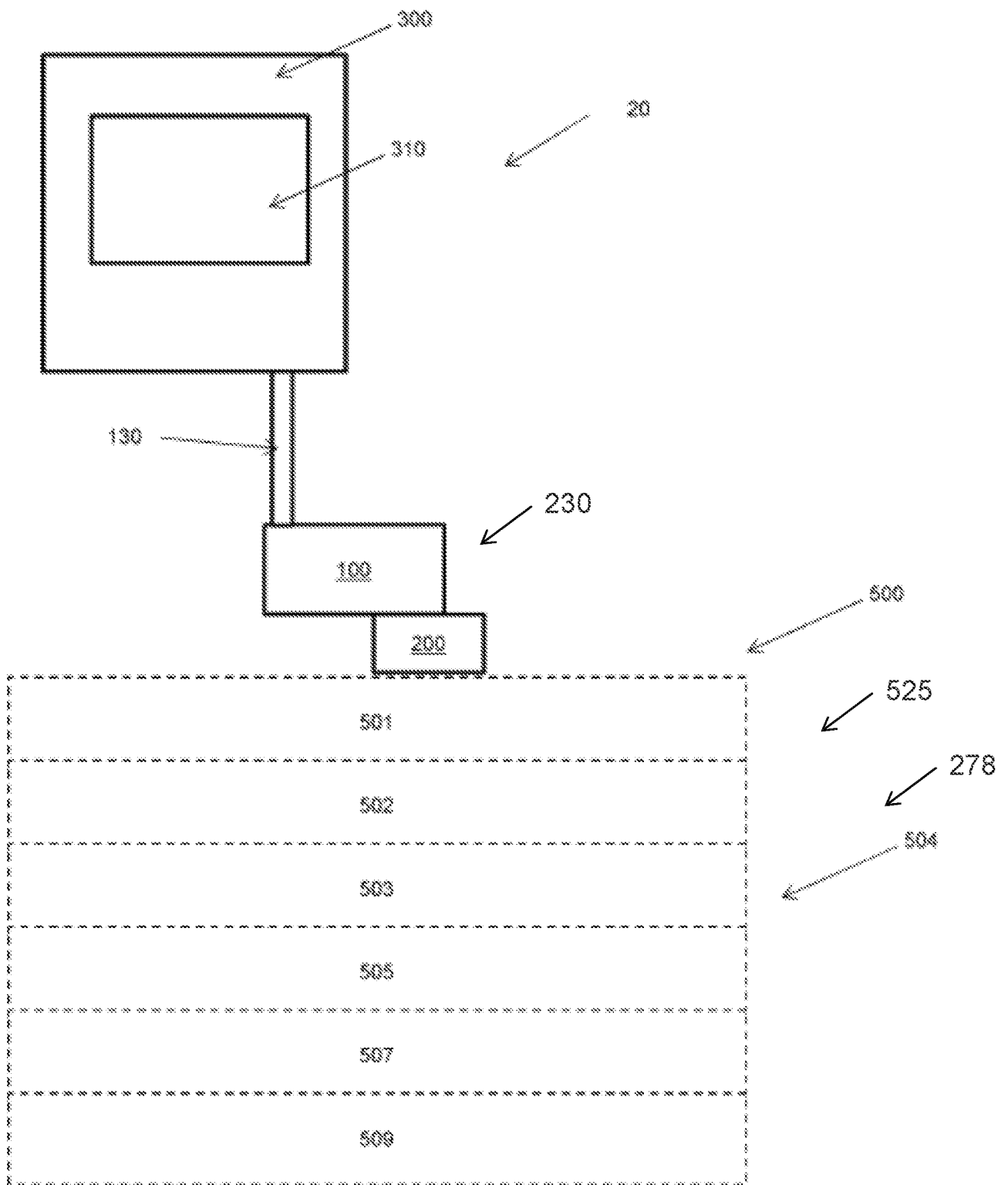


FIG. 1C

**FIG. 2**

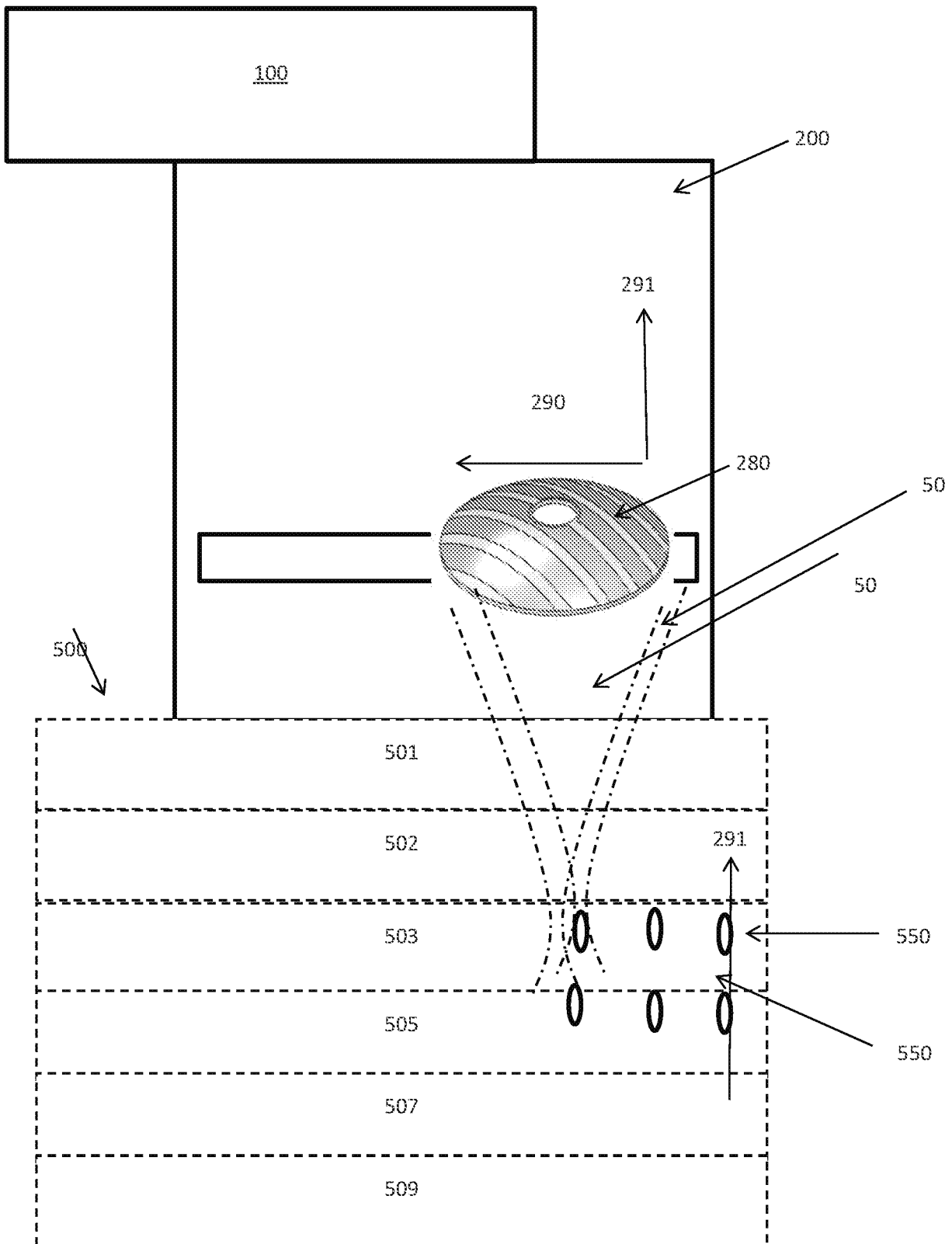


FIG. 3

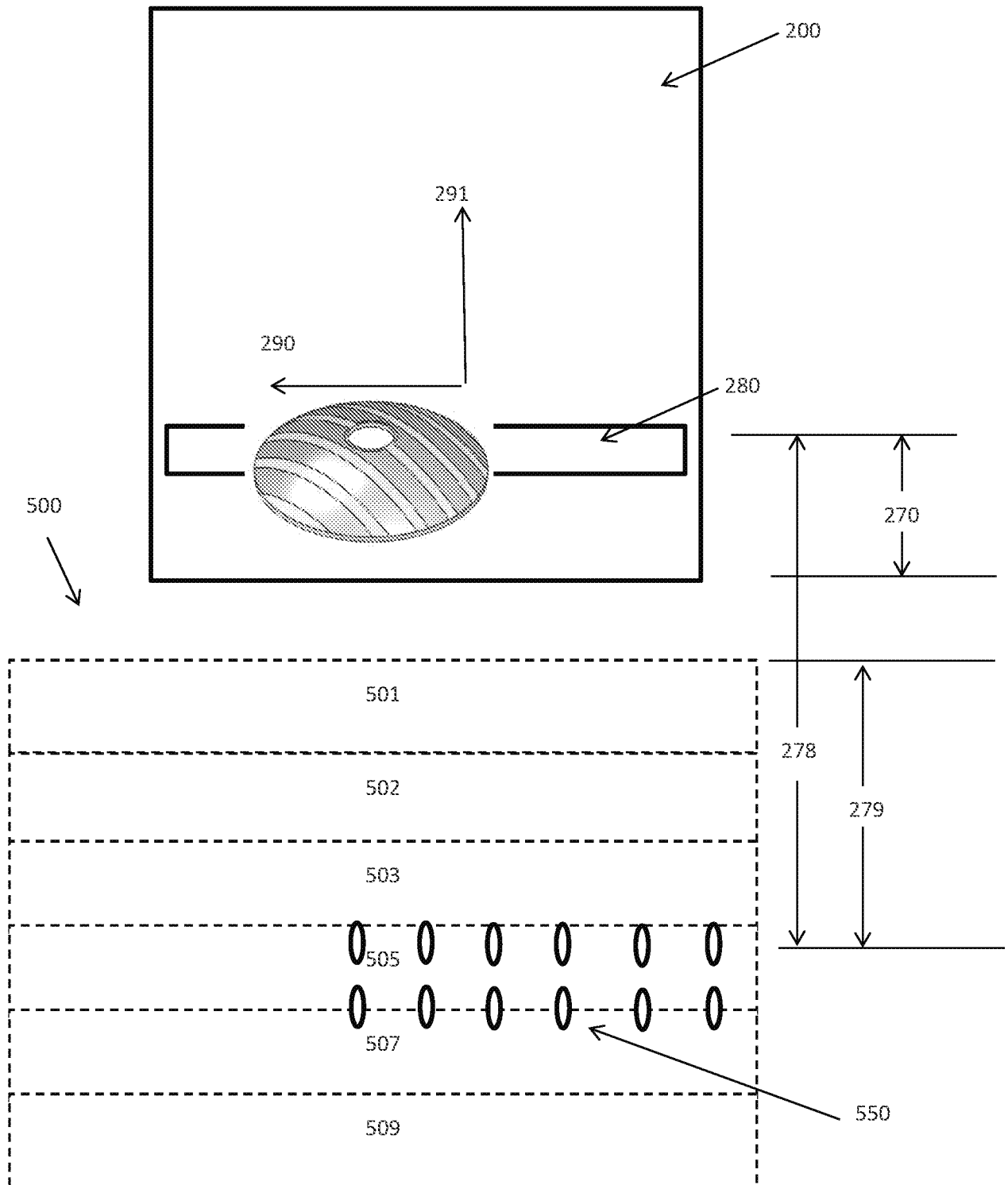


FIG. 4

TABLE 4

f [MHz]	$k_x = 0.5 \text{ mm}^{-1}$			$k_x = 1.0 \text{ mm}^{-1}$			$k_x = 1.5 \text{ mm}^{-1}$			$k_x = 2.0 \text{ mm}^{-1}$		
	spacing [mm]	spread [mm]		spacing [mm]	spread [mm]		spacing [mm]	spread [mm]		spacing [mm]	spread [mm]	
2.5	1.43	0.72		2.86	1.43		4.30	2.15		5.73	2.86	
2.75	1.30	0.59		2.60	1.17		3.91	1.76		5.21	2.34	
3	1.19	0.48		2.39	0.95		3.58	1.43		4.77	1.91	
3.25	1.10	0.39		2.20	0.77		3.31	1.16		4.41	1.54	
3.5	1.02	0.31		2.05	0.61		3.07	0.92		4.09	1.23	
3.75	0.95	0.24		1.91	0.48		2.86	0.72		3.82	0.95	
4	0.90	0.18		1.79	0.36		2.69	0.54		3.58	0.72	
4.25	0.84	0.13		1.69	0.25		2.53	0.38		3.37	0.51	
4.5	0.80	0.08		1.59	0.16		2.39	0.24		3.18	0.32	
4.75	0.75	0.04		1.51	0.08		2.26	0.11		3.02	0.15	
5	0.72	0.00		1.43	0.00		2.15	0.00		2.86	0.00	
5.25	0.68	-0.03		1.36	-0.07		2.05	-0.10		2.73	-0.14	
5.5	0.65	-0.07		1.30	-0.13		1.95	-0.20		2.60	-0.26	
5.75	0.62	-0.09		1.25	-0.19		1.87	-0.28		2.49	-0.37	
6	0.60	-0.12		1.19	-0.24		1.79	-0.36		2.39	-0.48	
6.25	0.57	-0.14		1.15	-0.29		1.72	-0.43		2.29	-0.57	
6.5	0.55	-0.17		1.10	-0.33		1.65	-0.50		2.20	-0.66	
6.75	0.53	-0.19		1.06	-0.37		1.59	-0.56		2.12	-0.74	
7	0.51	-0.20		1.02	-0.41		1.53	-0.61		2.05	-0.82	
7.25	0.49	-0.22		0.99	-0.44		1.48	-0.67		1.98	-0.89	
7.5	0.48	-0.24		0.95	-0.48		1.43	-0.72		1.91	-0.95	

FIG. 5

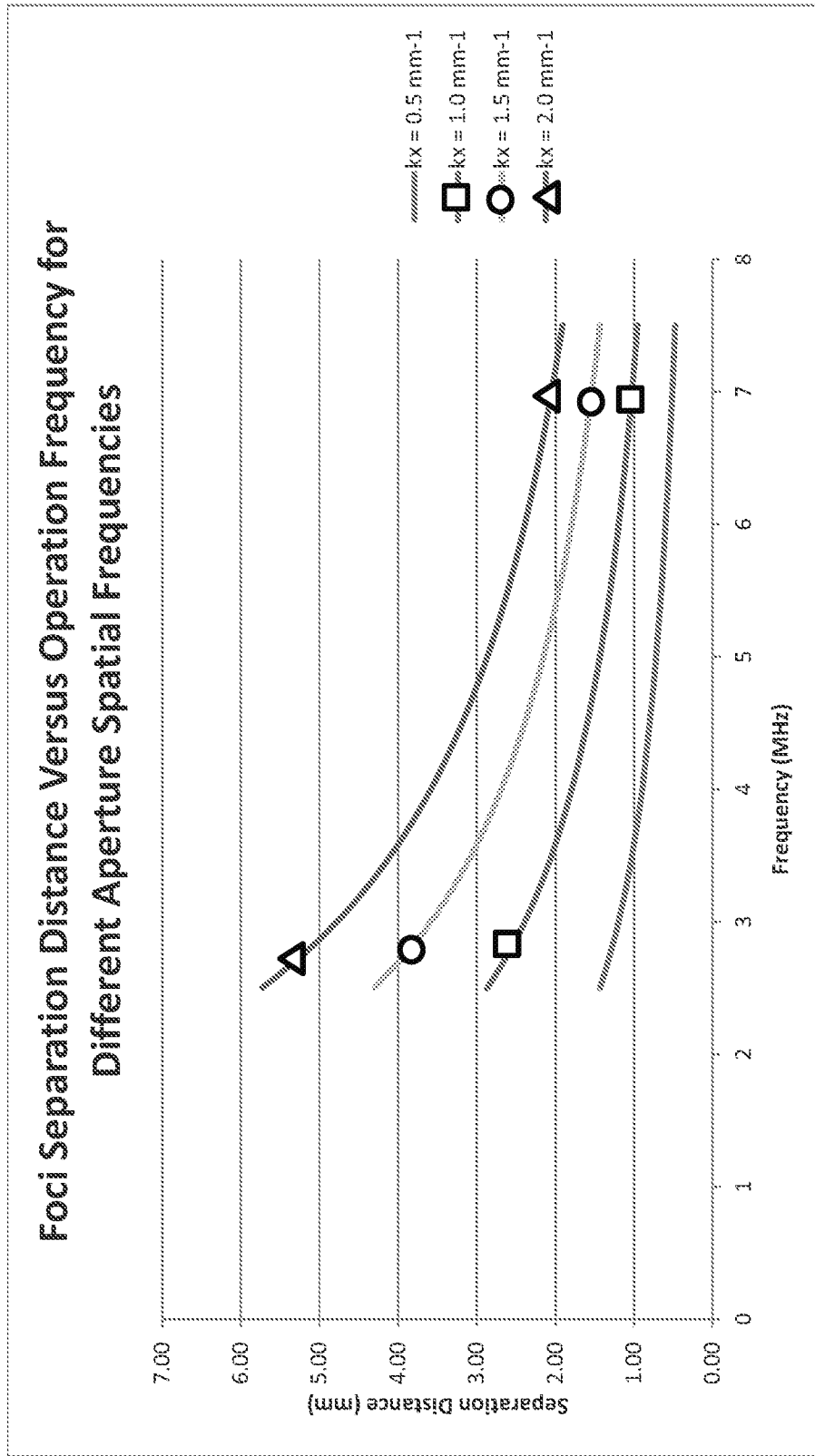


FIG. 6

Foci Separation Difference Versus Operation Frequency for Different Aperture Spatial Frequencies

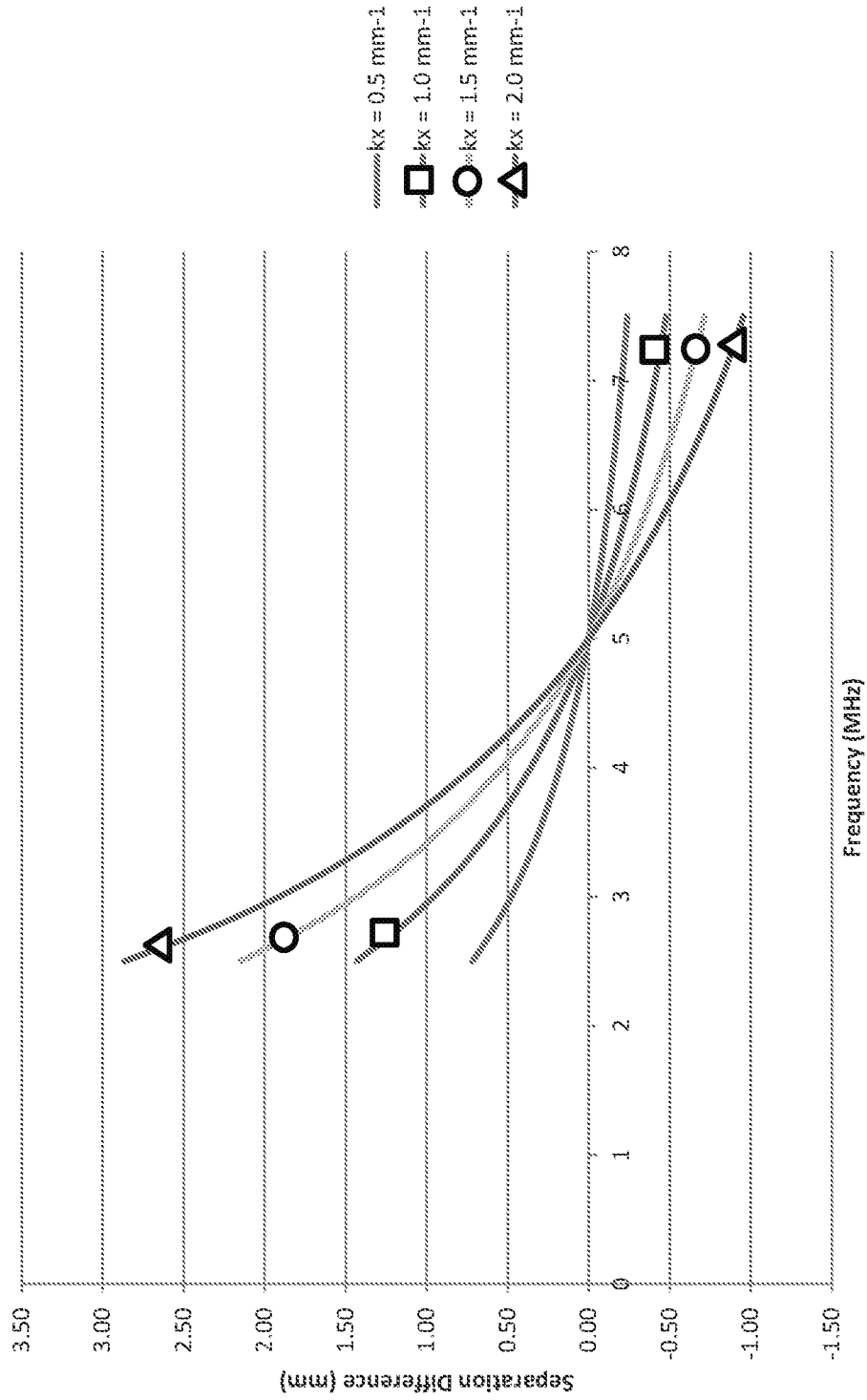


FIG. 7



FIG. 8

Poled Ceramic with Spatial Frequency of $2k_x$

	Channel 1	0 degrees
		180 degrees
	Channel 2	0 degrees
		180 degrees
	Channel 3	0 degrees
		180 degrees
	Channel 4	0 degrees
		180 degrees
	Channel 5	0 degrees
		180 degrees
	Channel 6	0 degrees
		180 degrees
	Channel 7	0 degrees
		180 degrees
	Channel 8	0 degrees
		180 degrees

৯৬৫

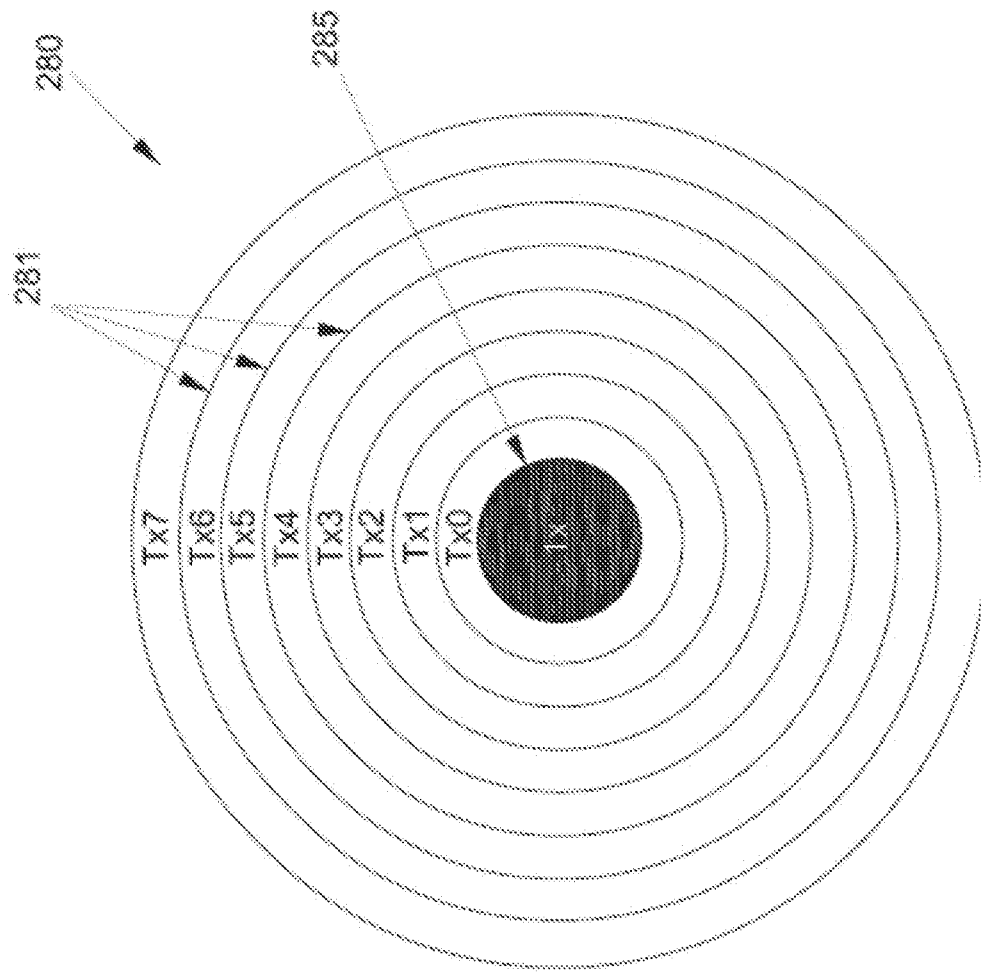


FIG. 10

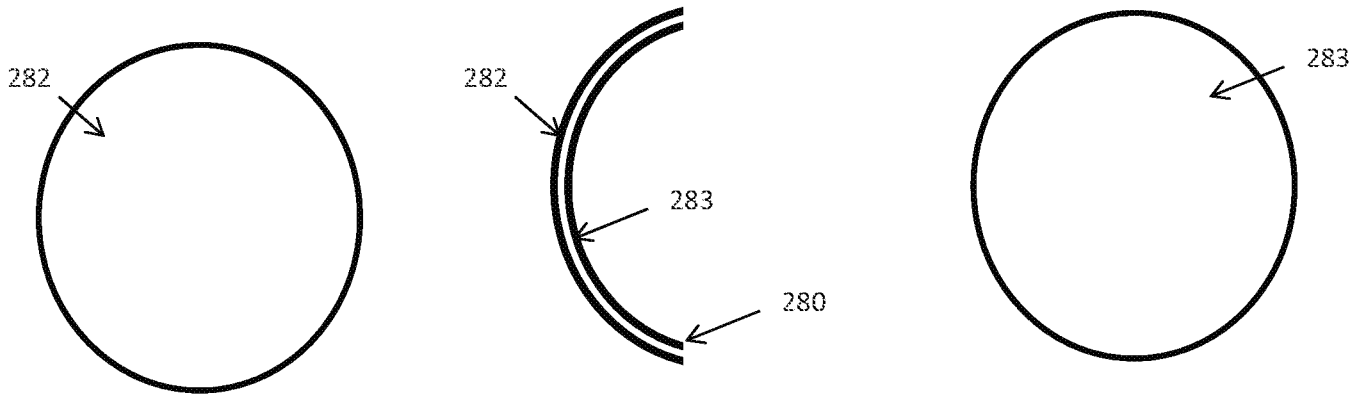


FIG. 11

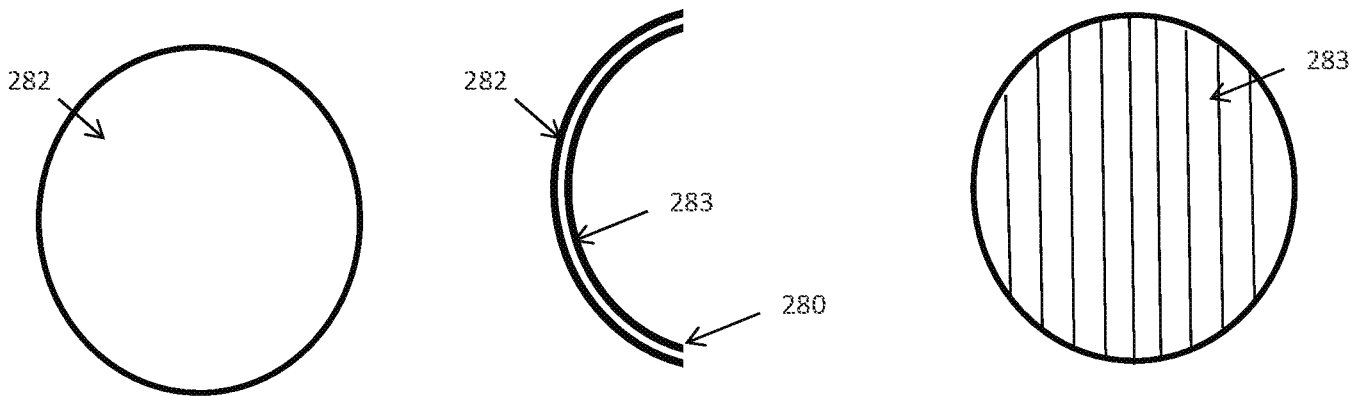


FIG. 12

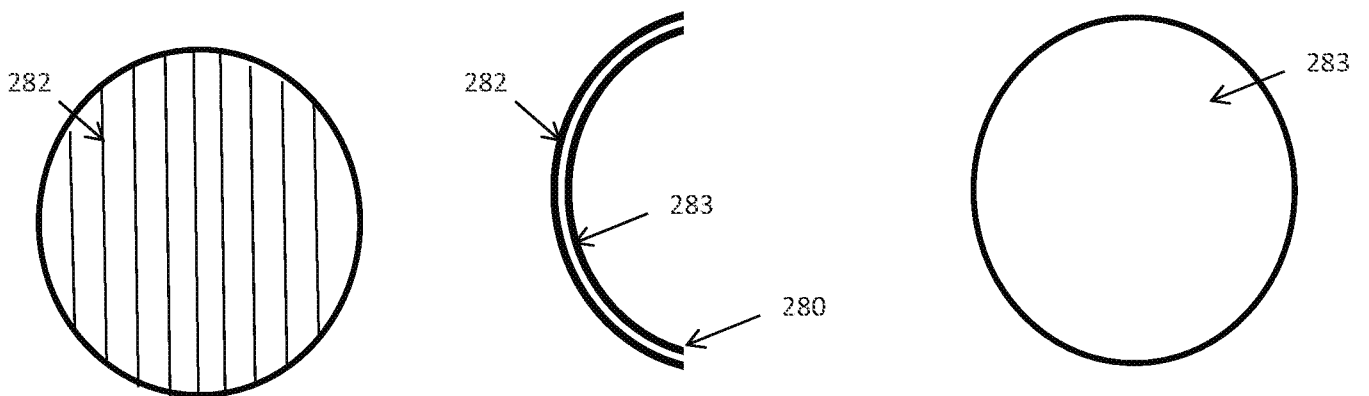


FIG. 13

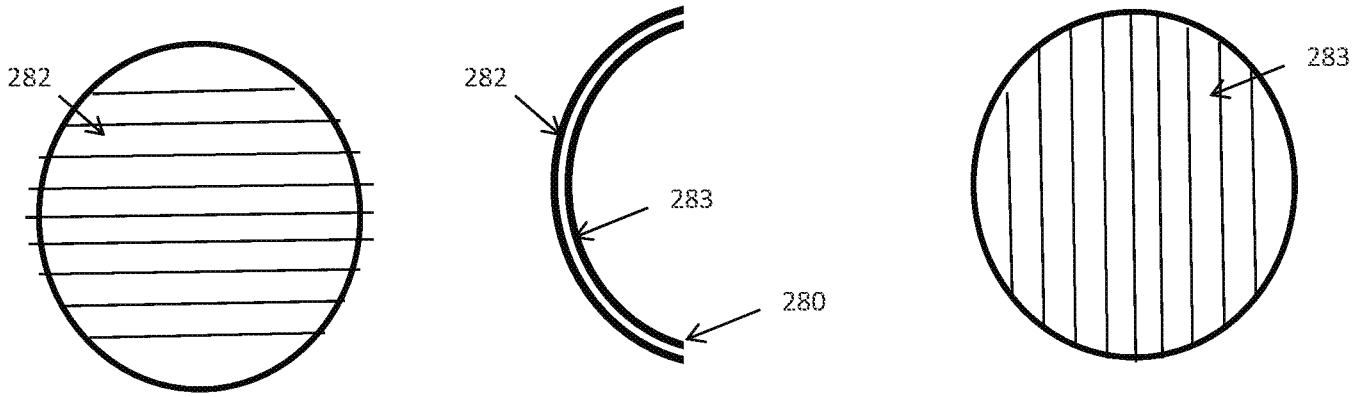


FIG. 14

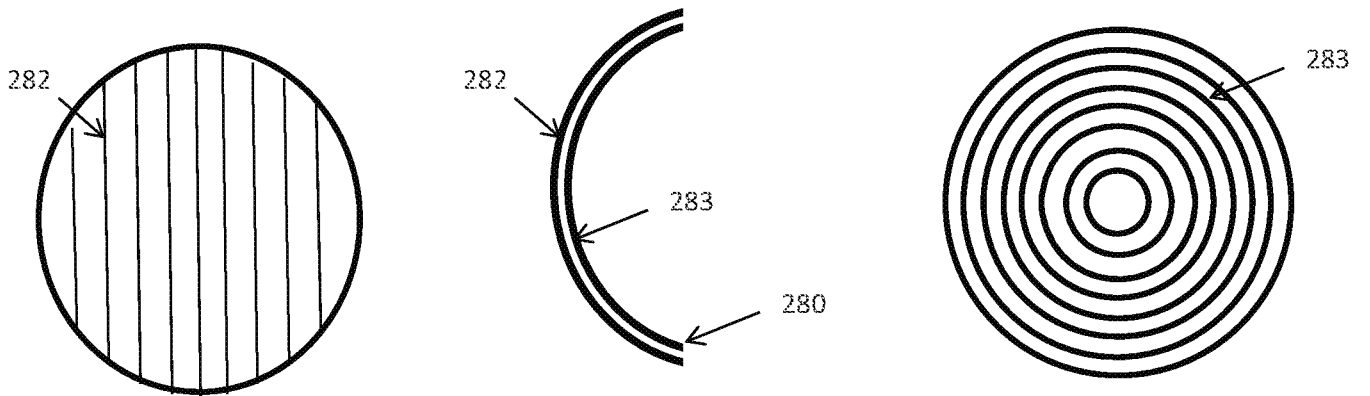


FIG. 15

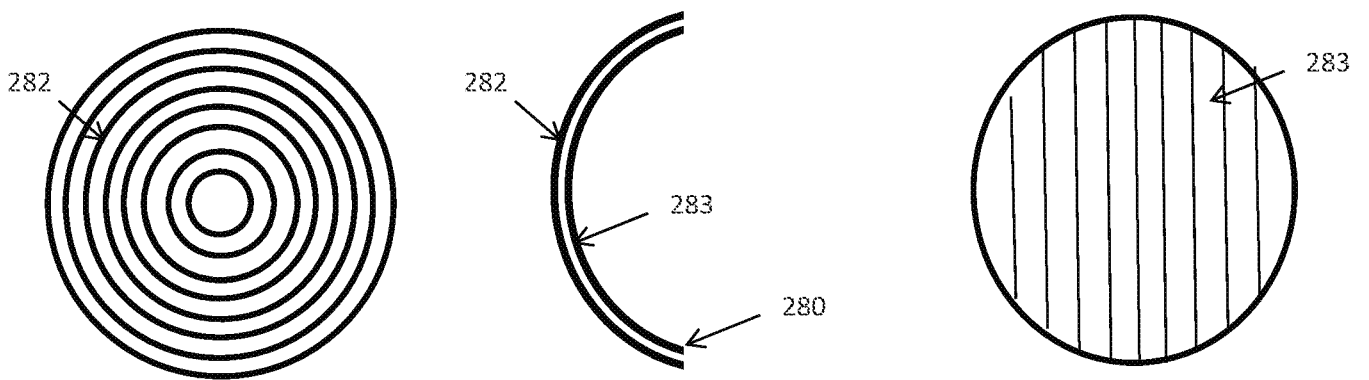
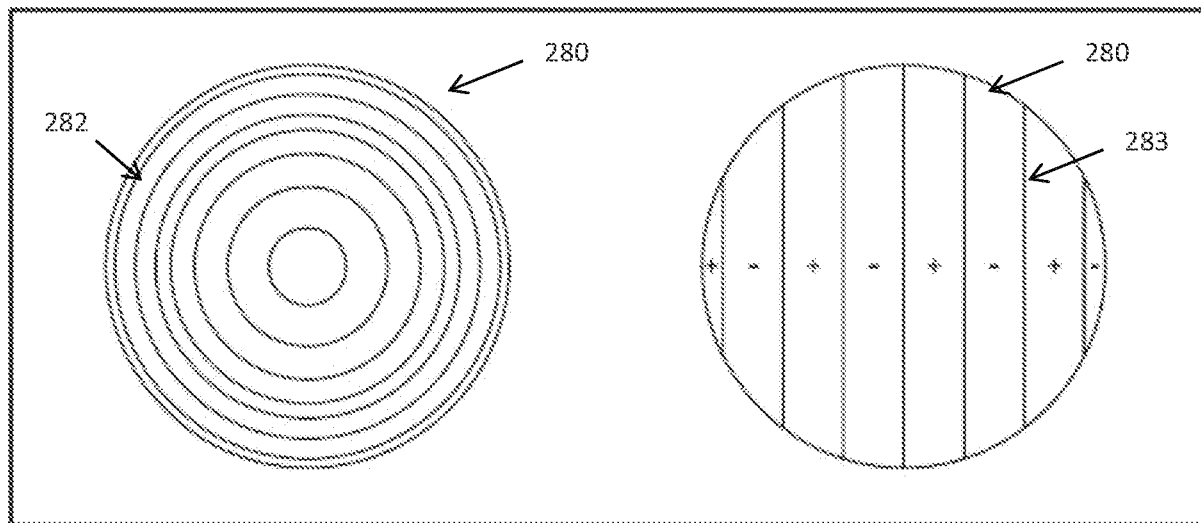


FIG. 16



Annular Array for
Depth Control

Poling Stripes for
Split Beam
(Simulines)

FIG. 17

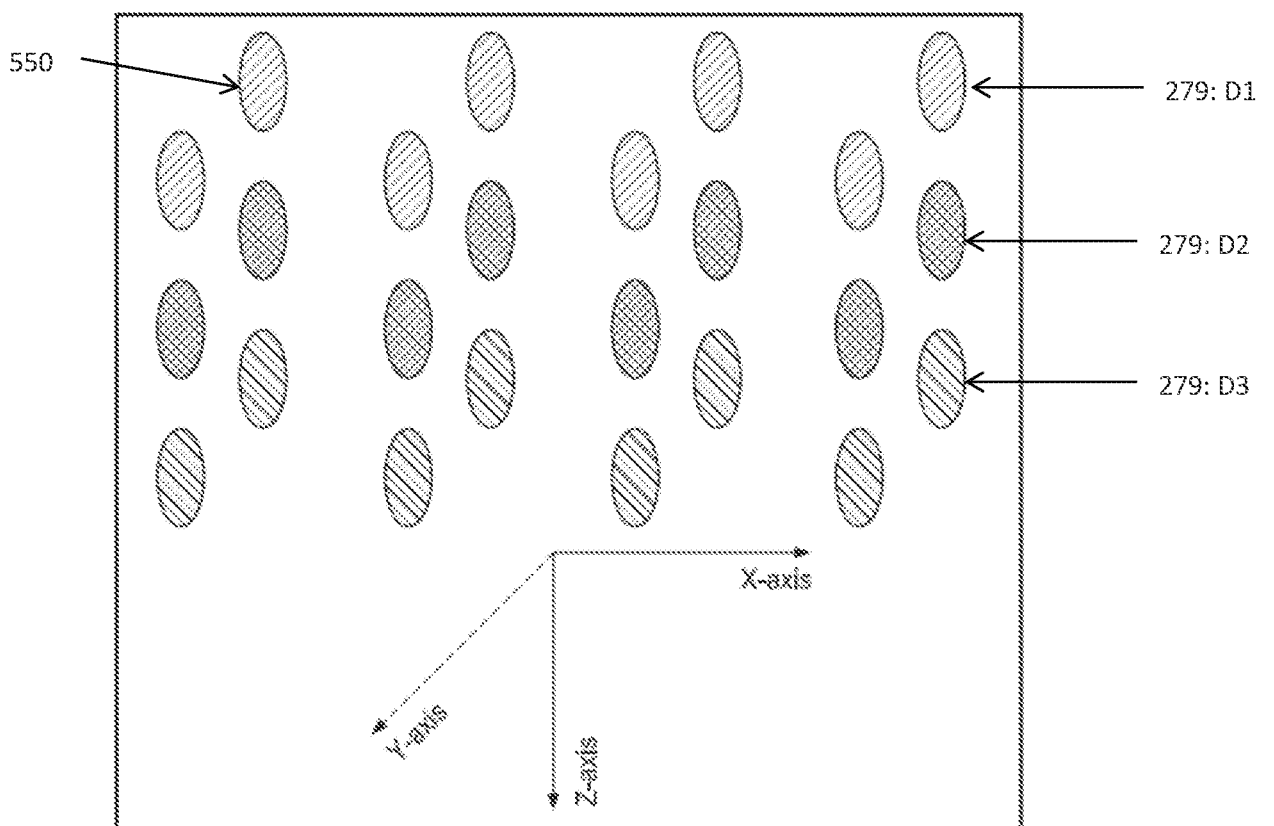
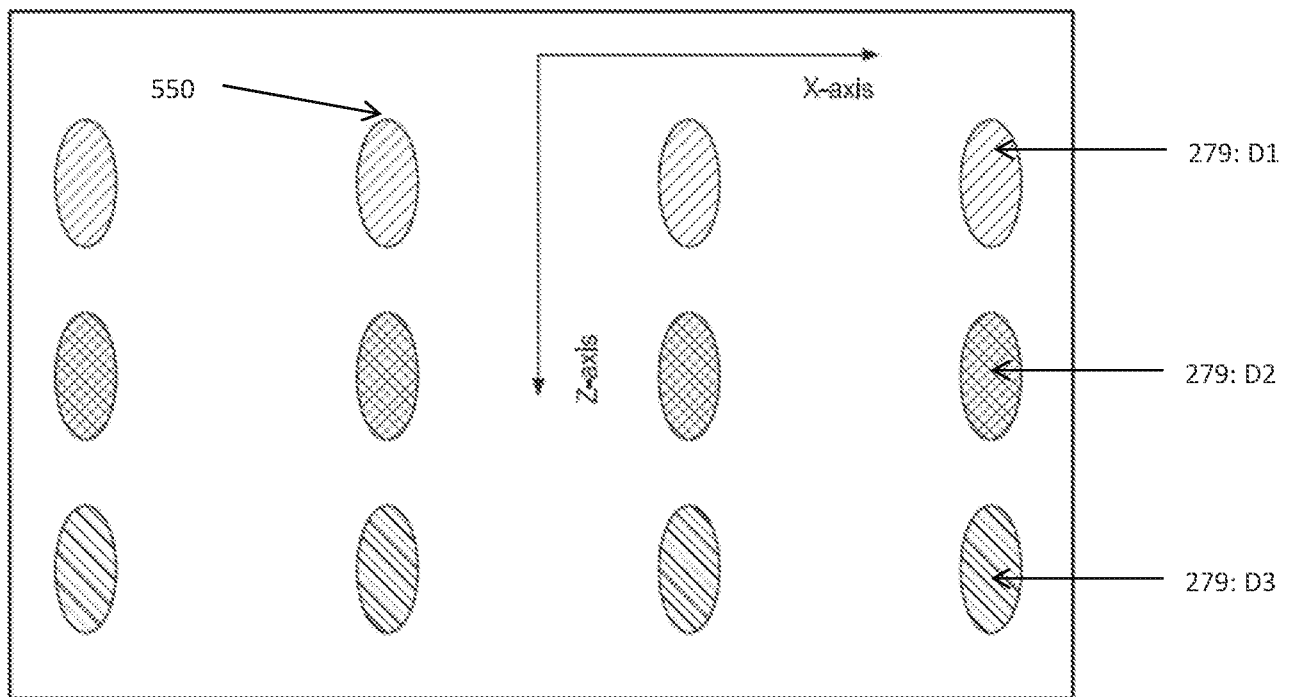
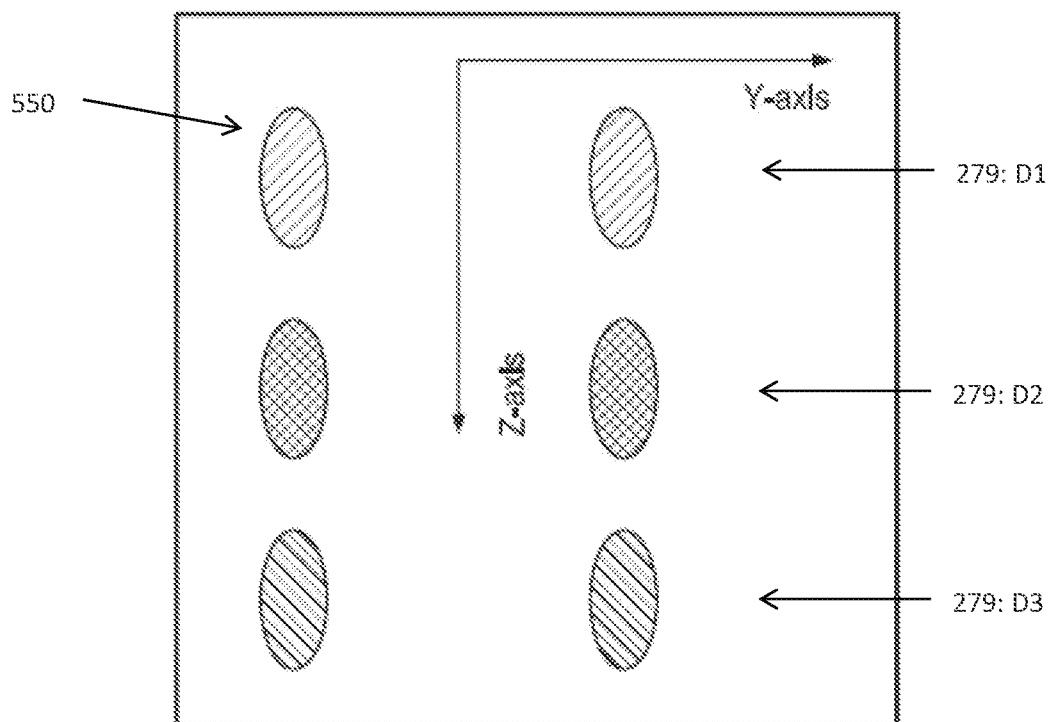
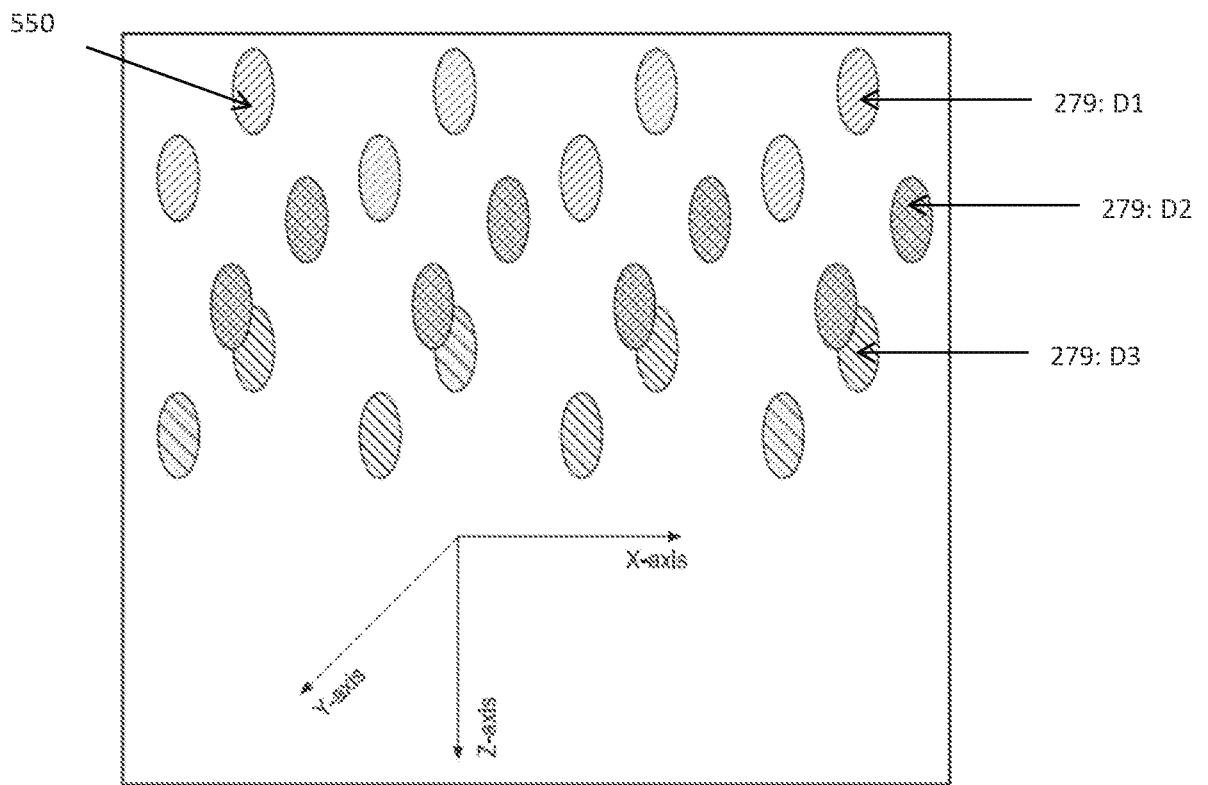
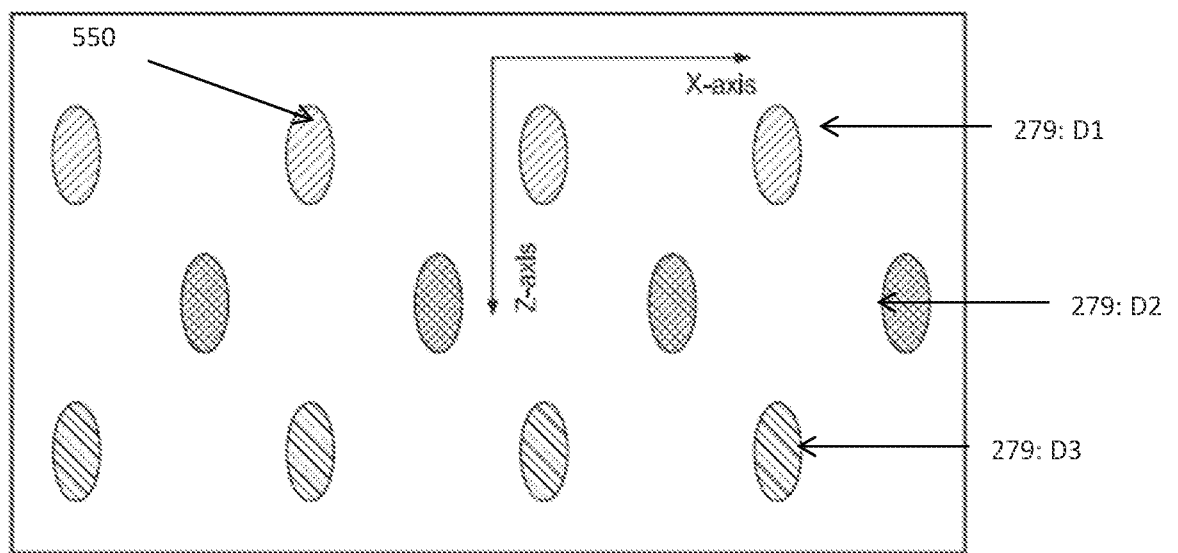
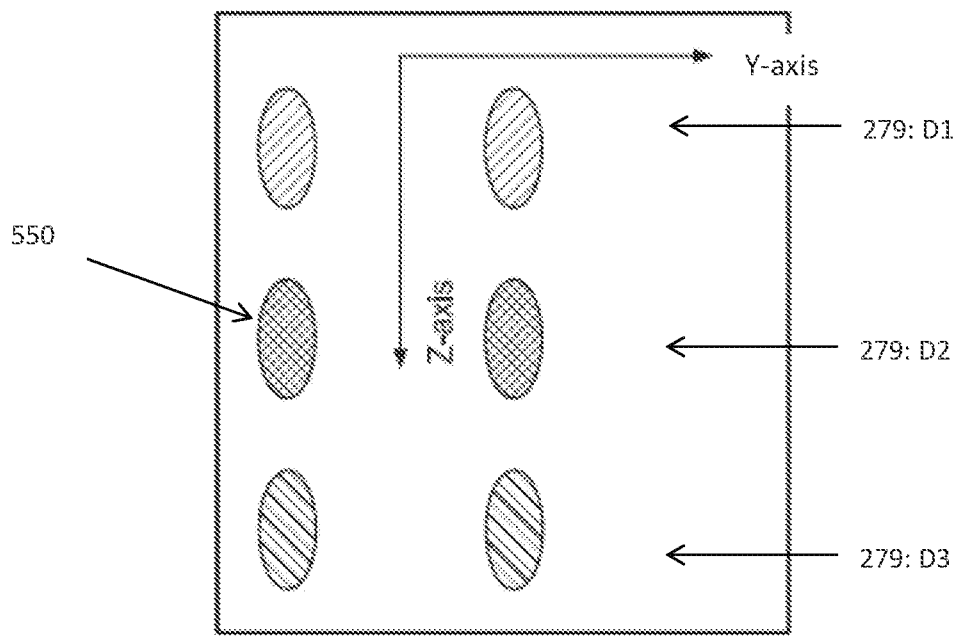
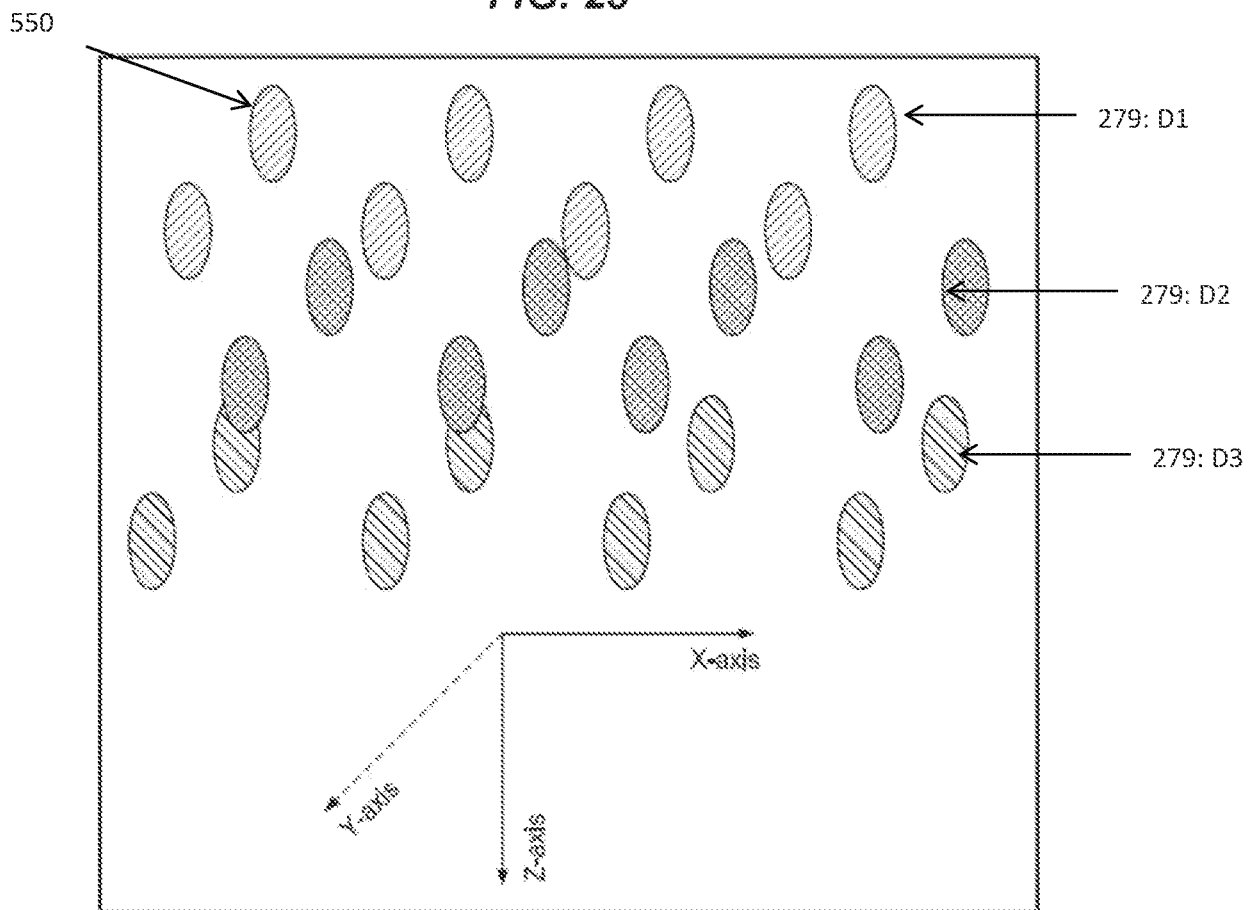
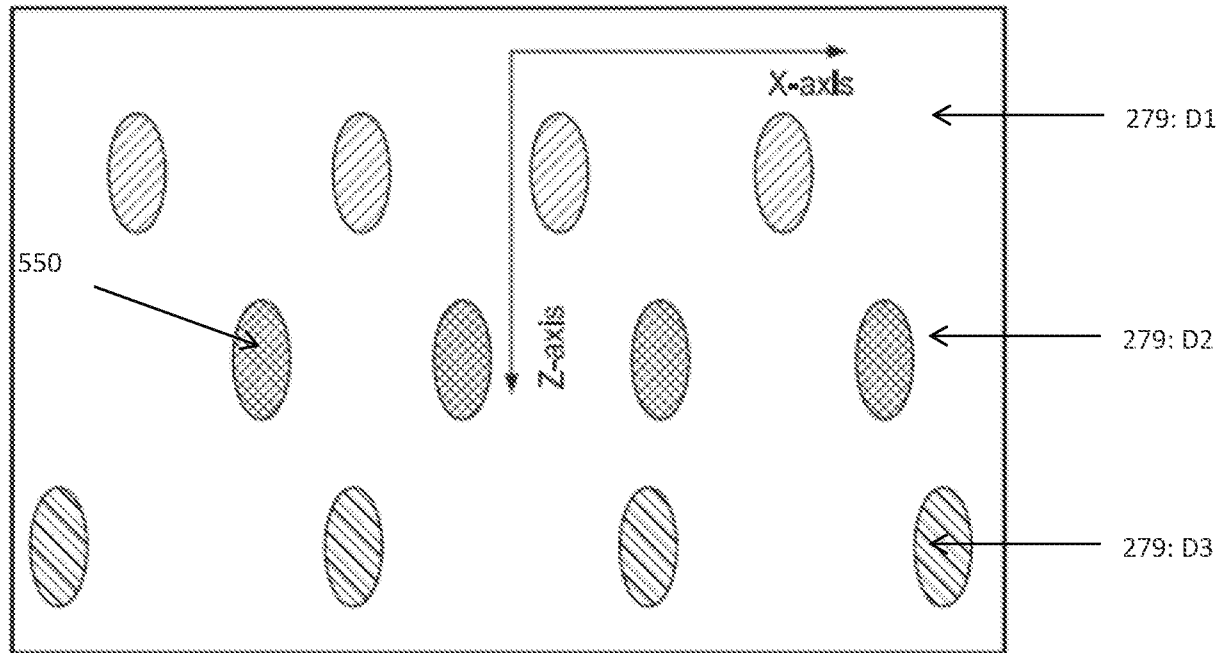
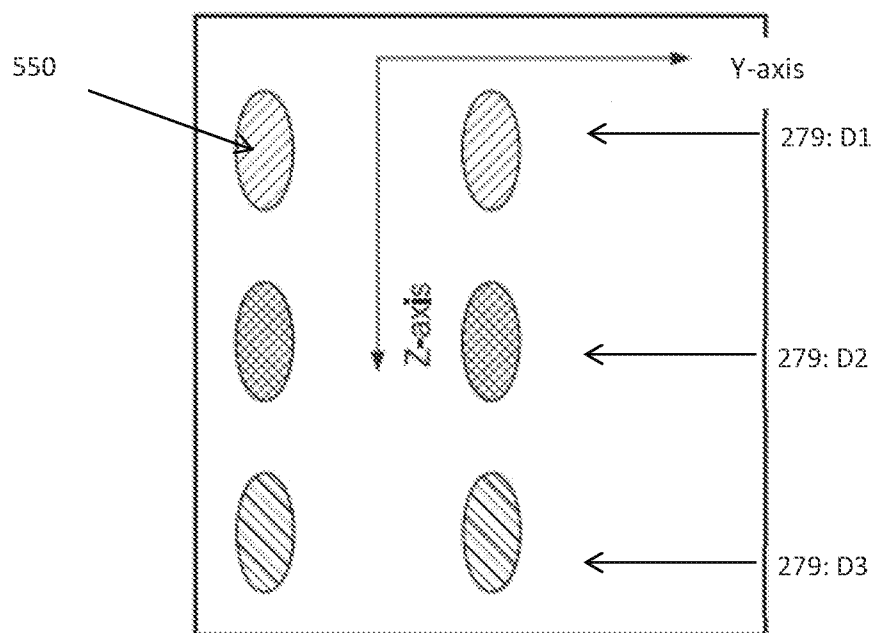


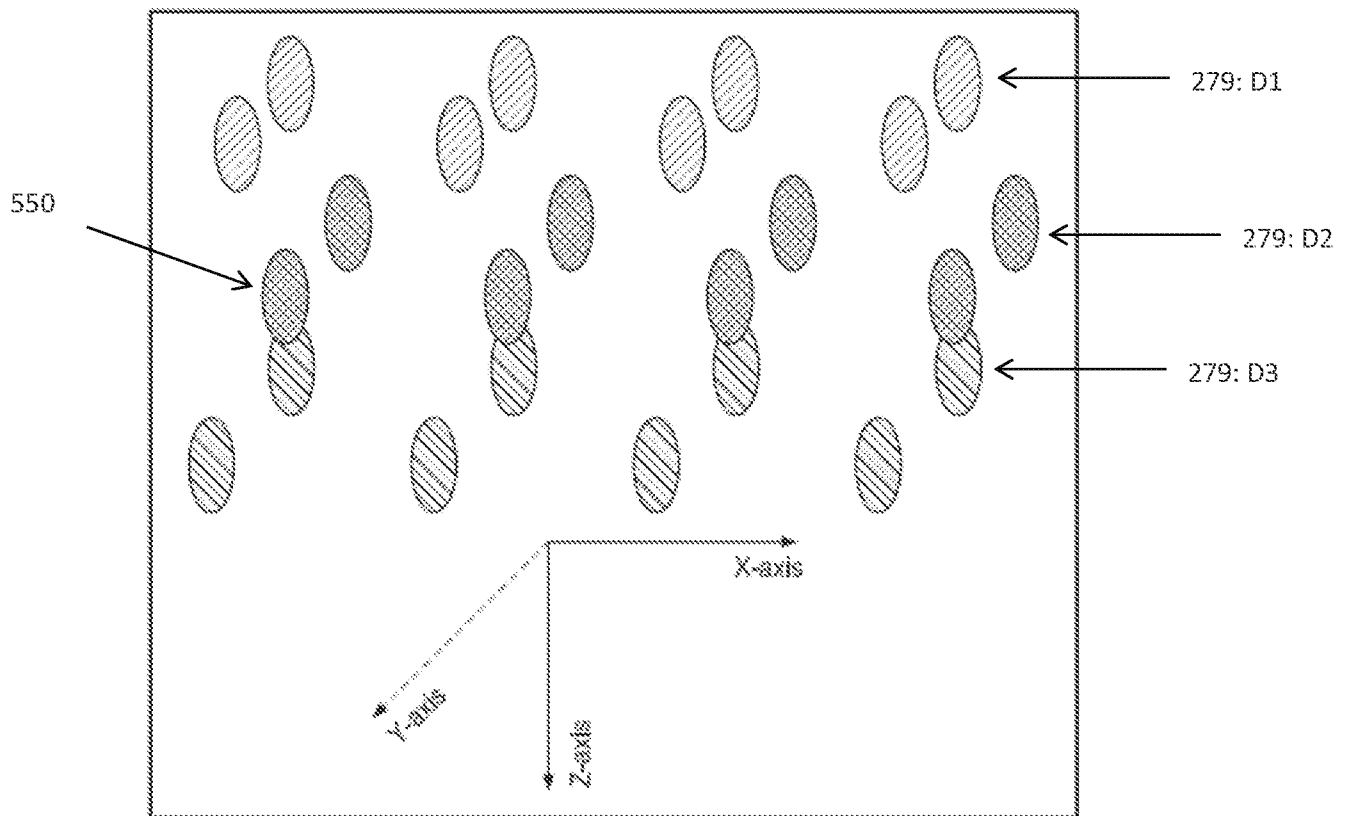
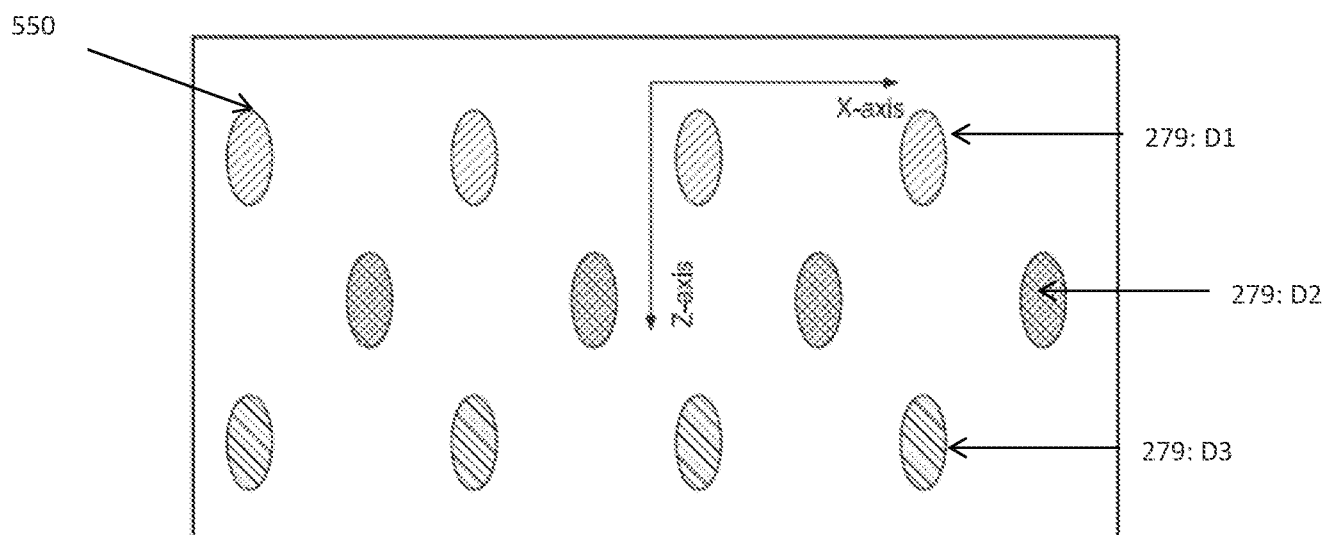
FIG. 18

**FIG. 19****FIG. 20**

**FIG. 21****FIG. 22**

**FIG. 23****FIG. 24**

**FIG. 25****FIG. 26**

**FIG. 27****FIG. 28**

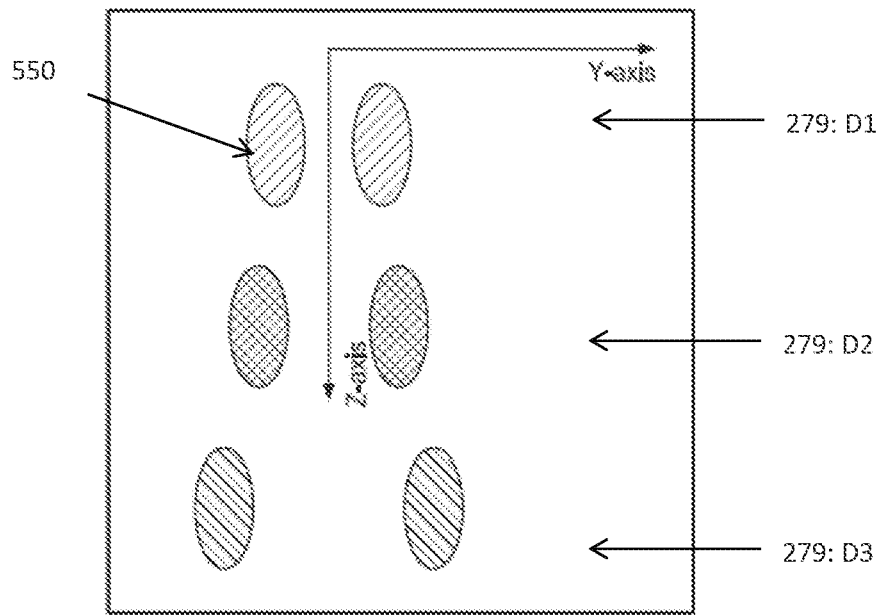


FIG. 29

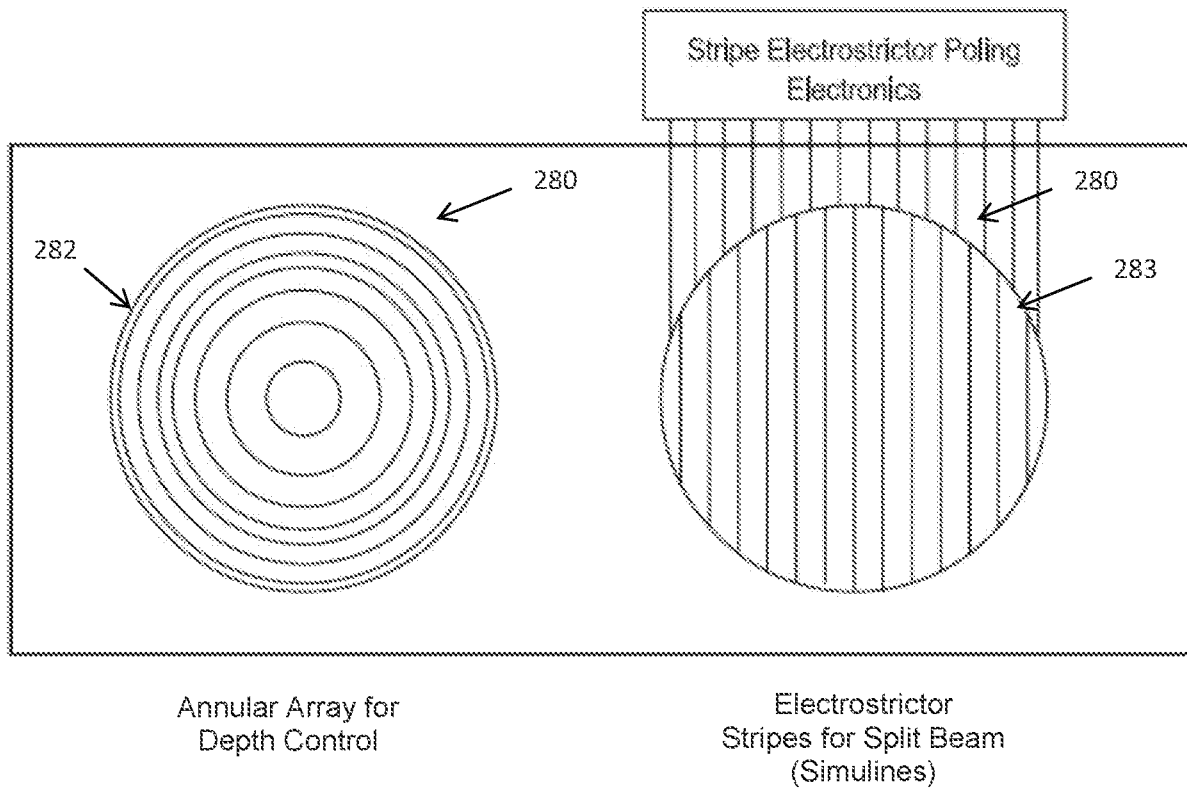
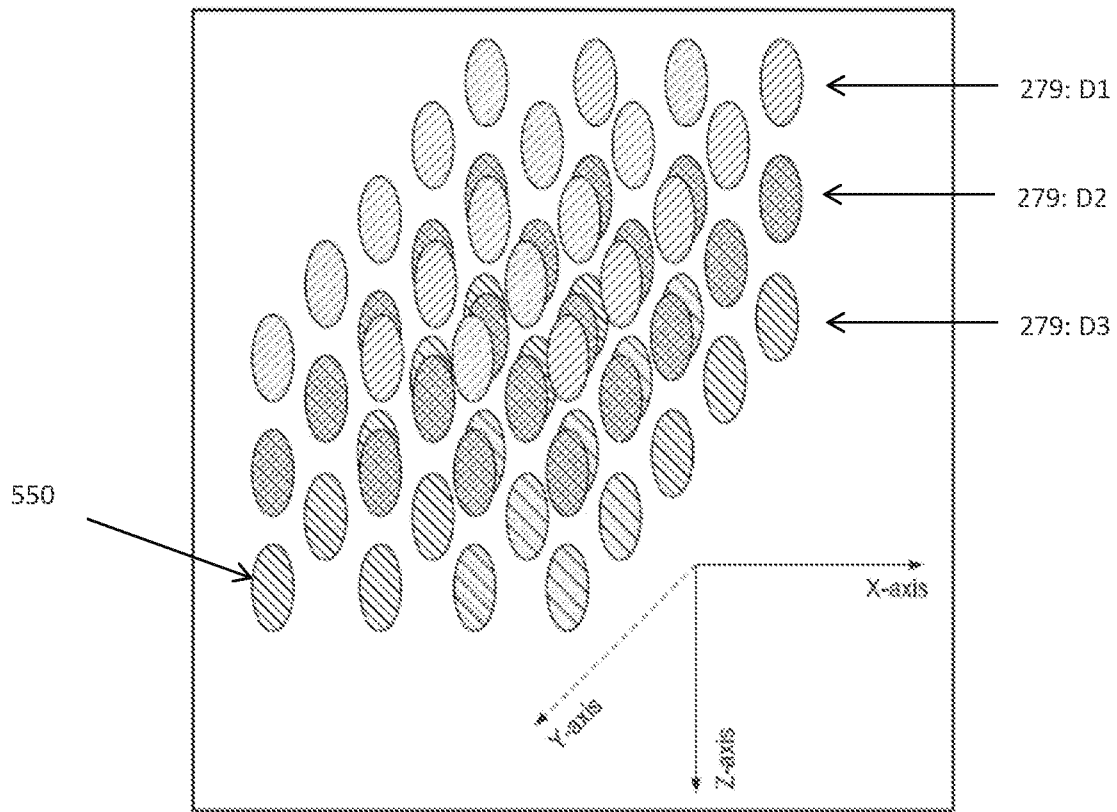
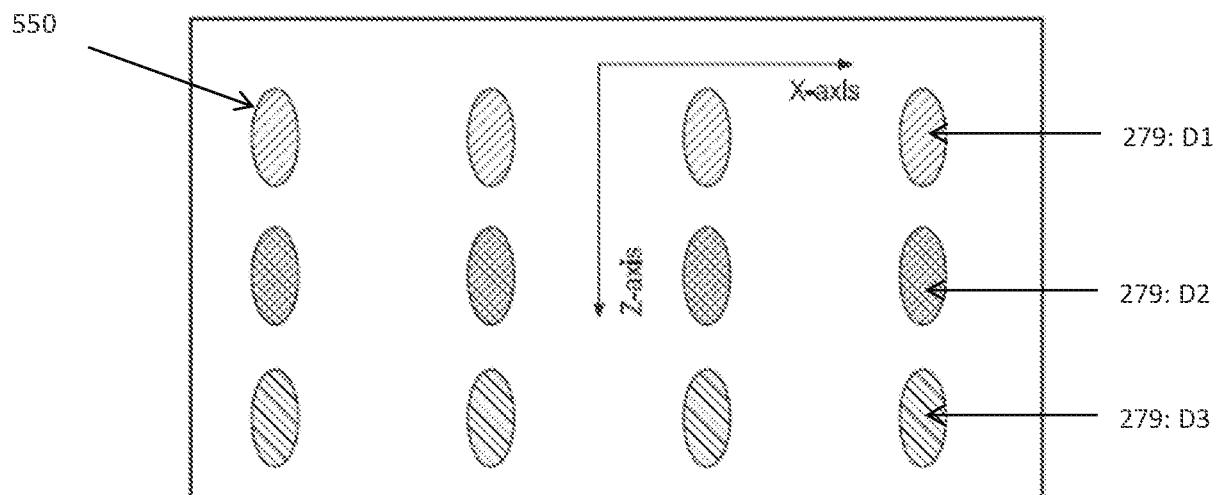
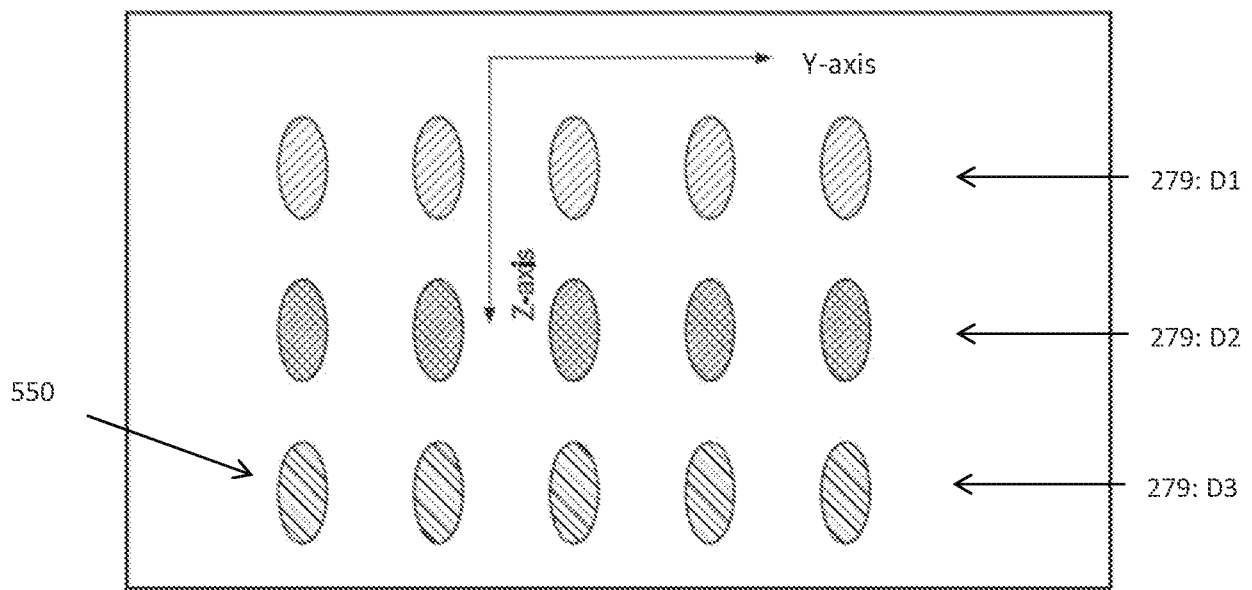
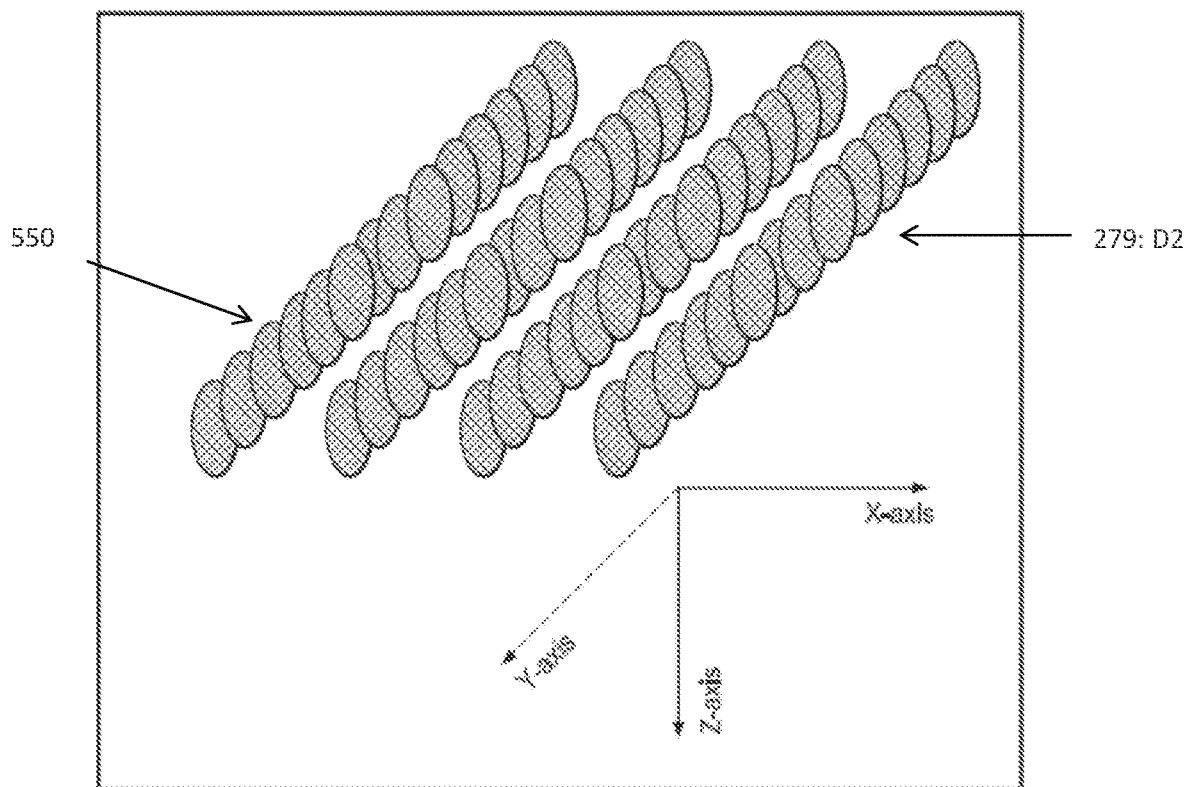


FIG. 30

**FIG. 31****FIG. 32**

**FIG. 33****FIG. 34**

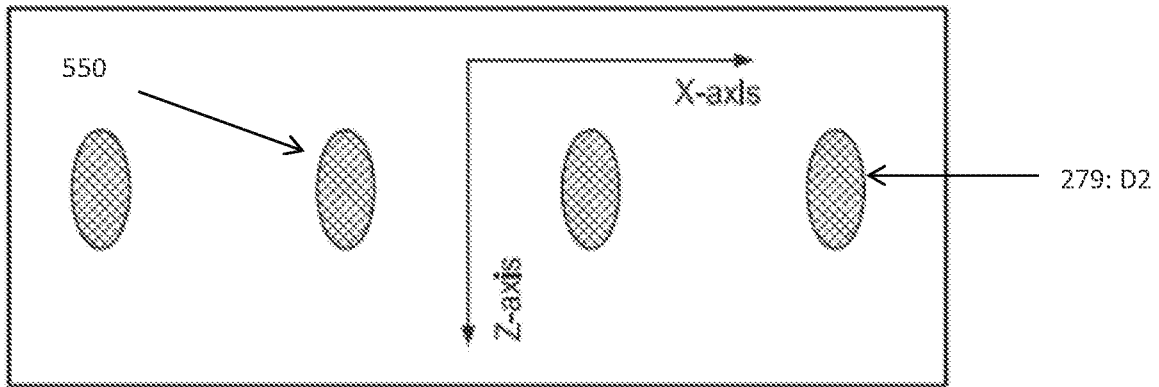


FIG. 35

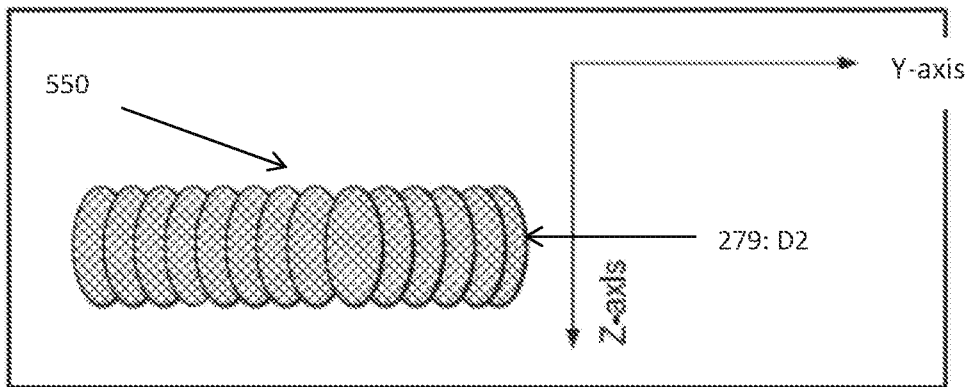
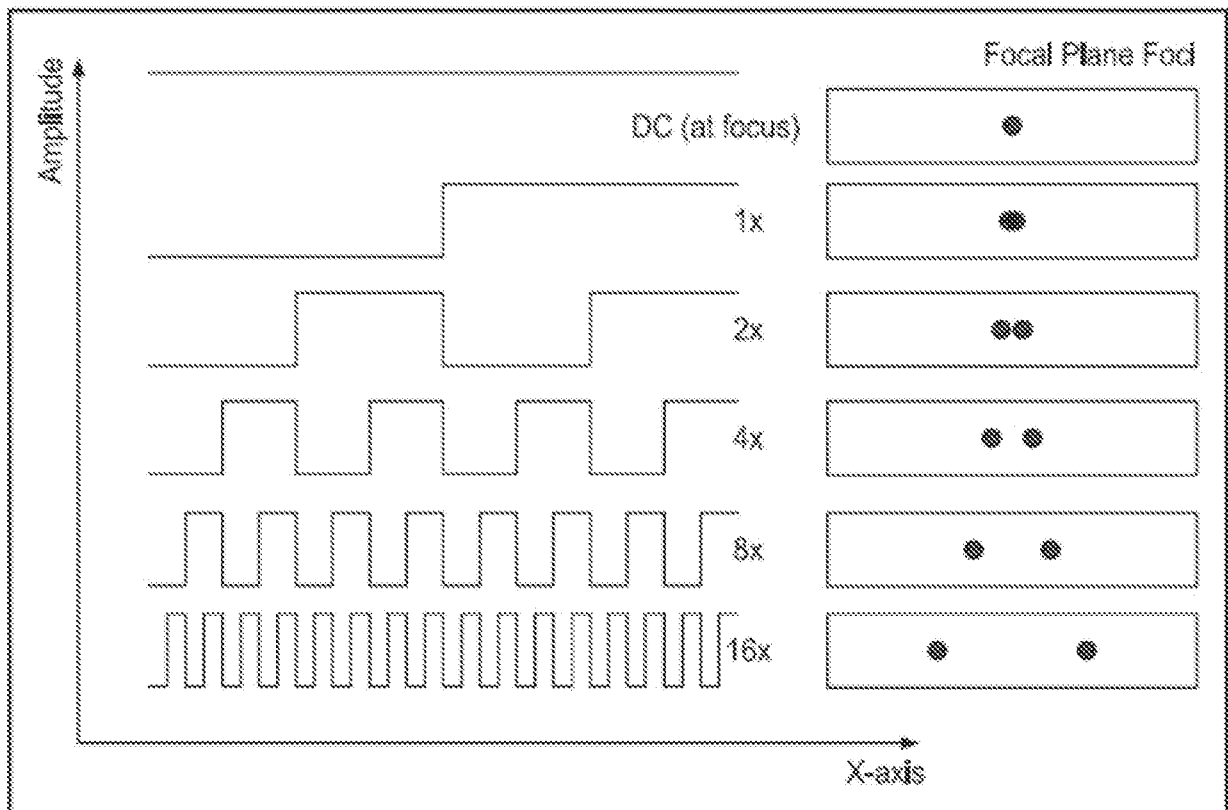


FIG. 36

**FIG. 37**