

Relative Spectral Power Distribution

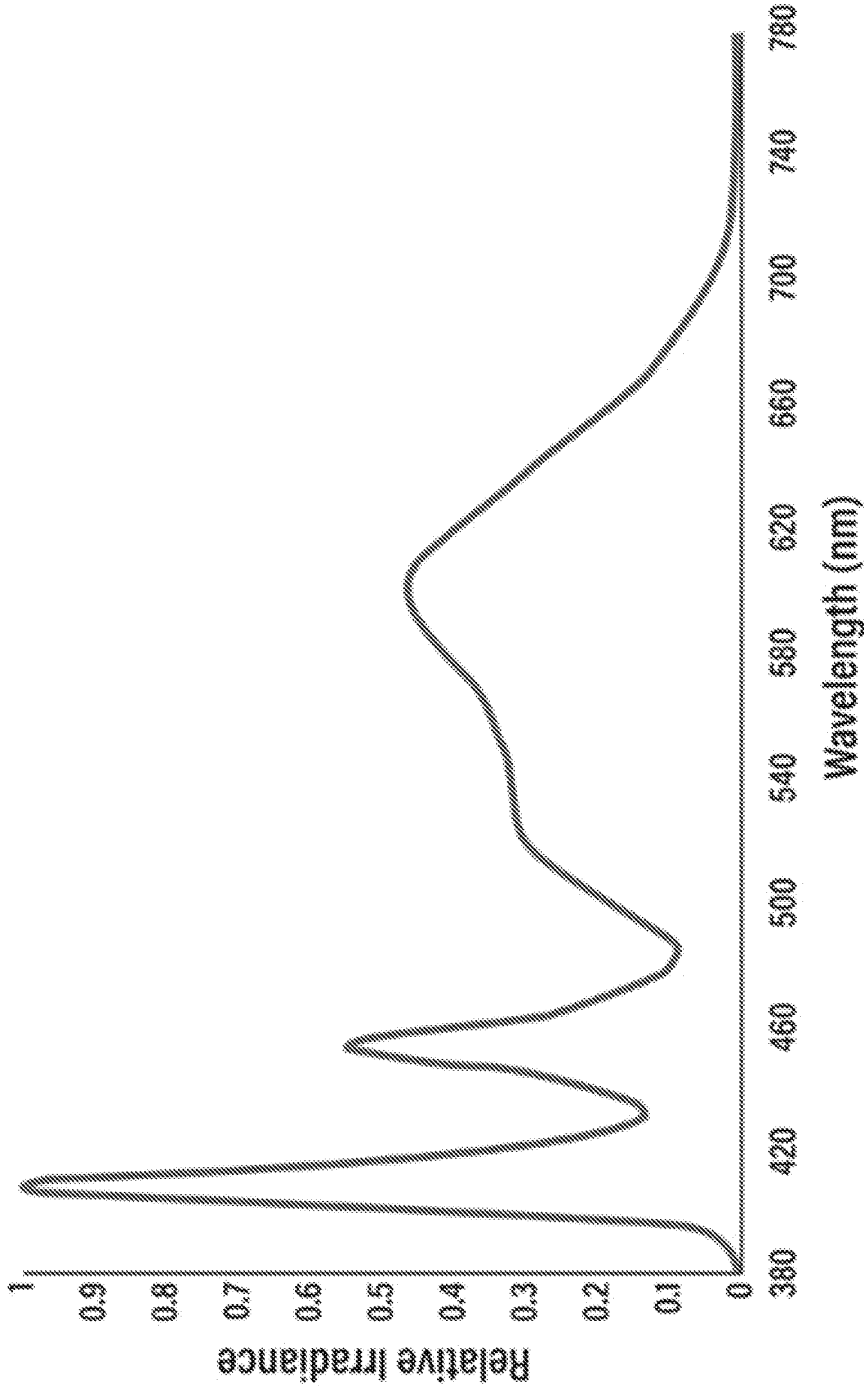


FIG. 1

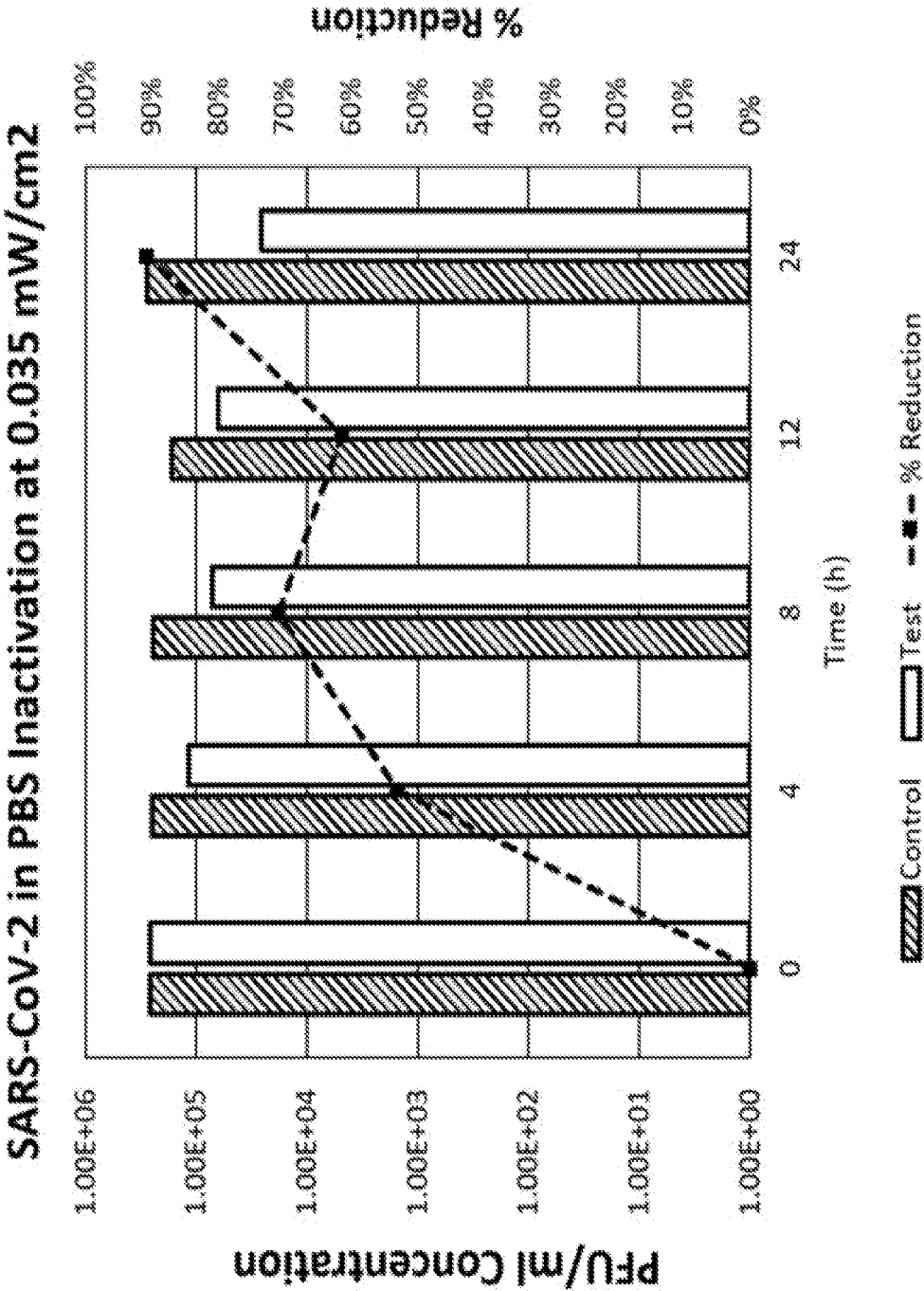


FIG. 2A

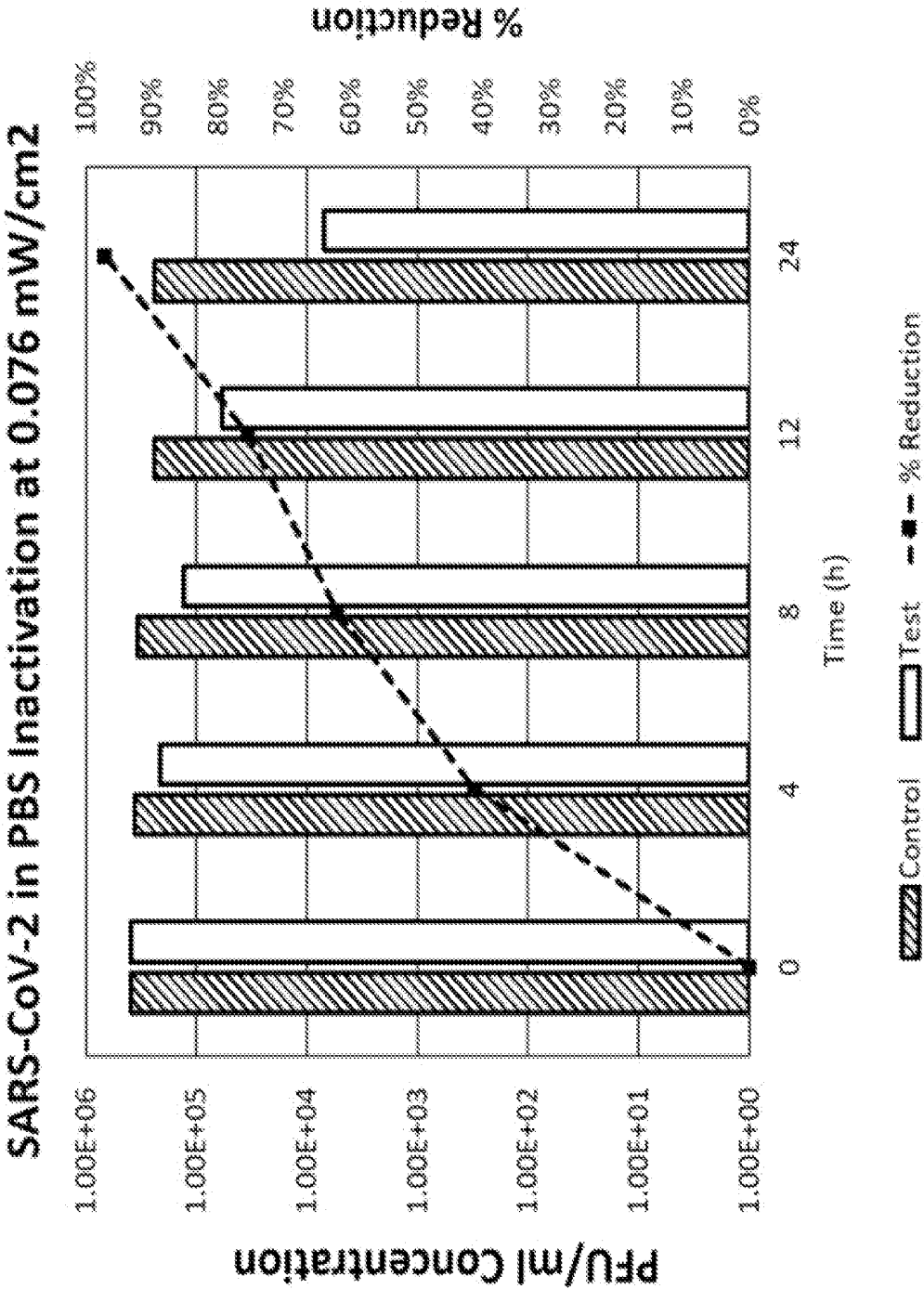


FIG. 2B

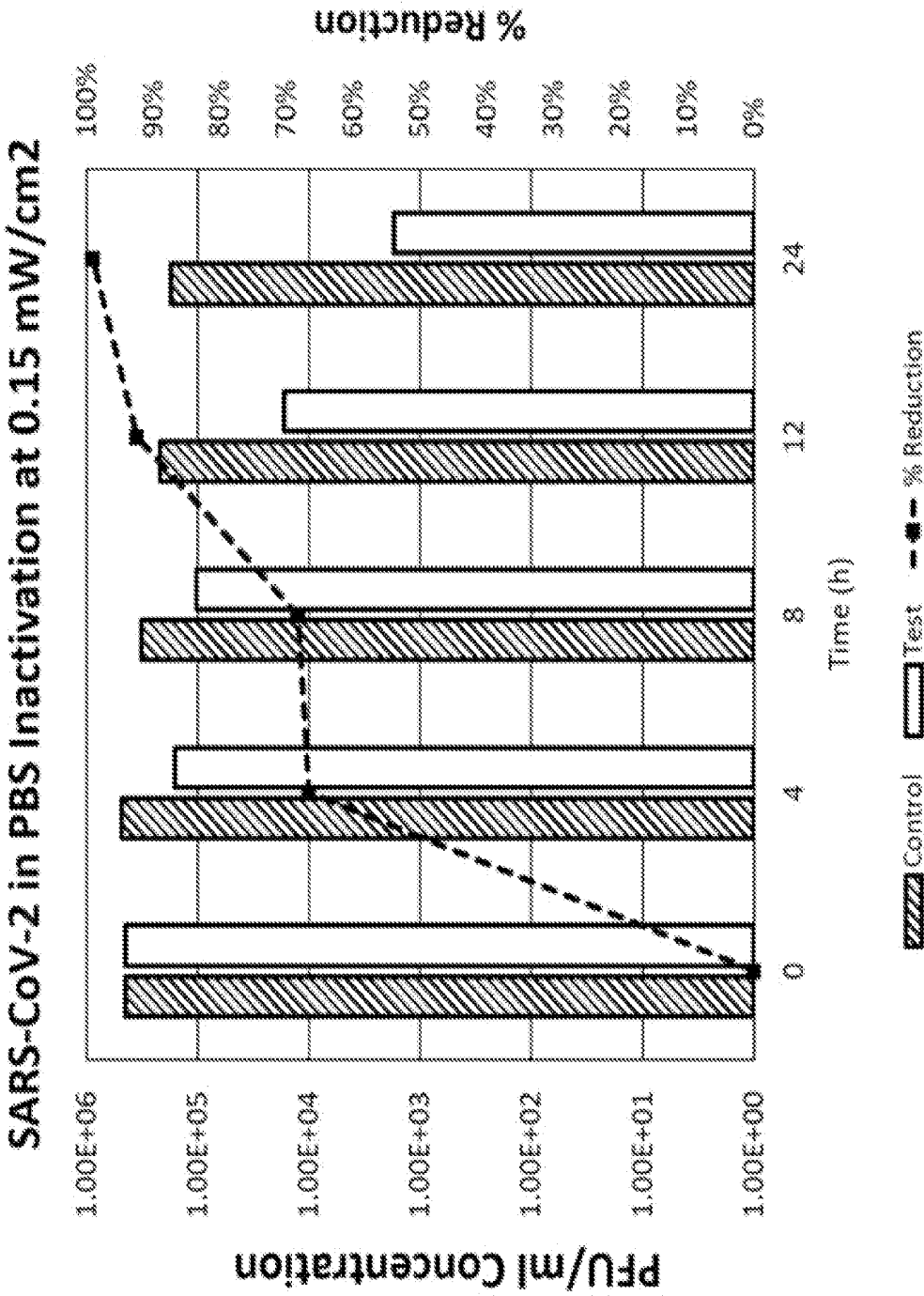


FIG. 2C

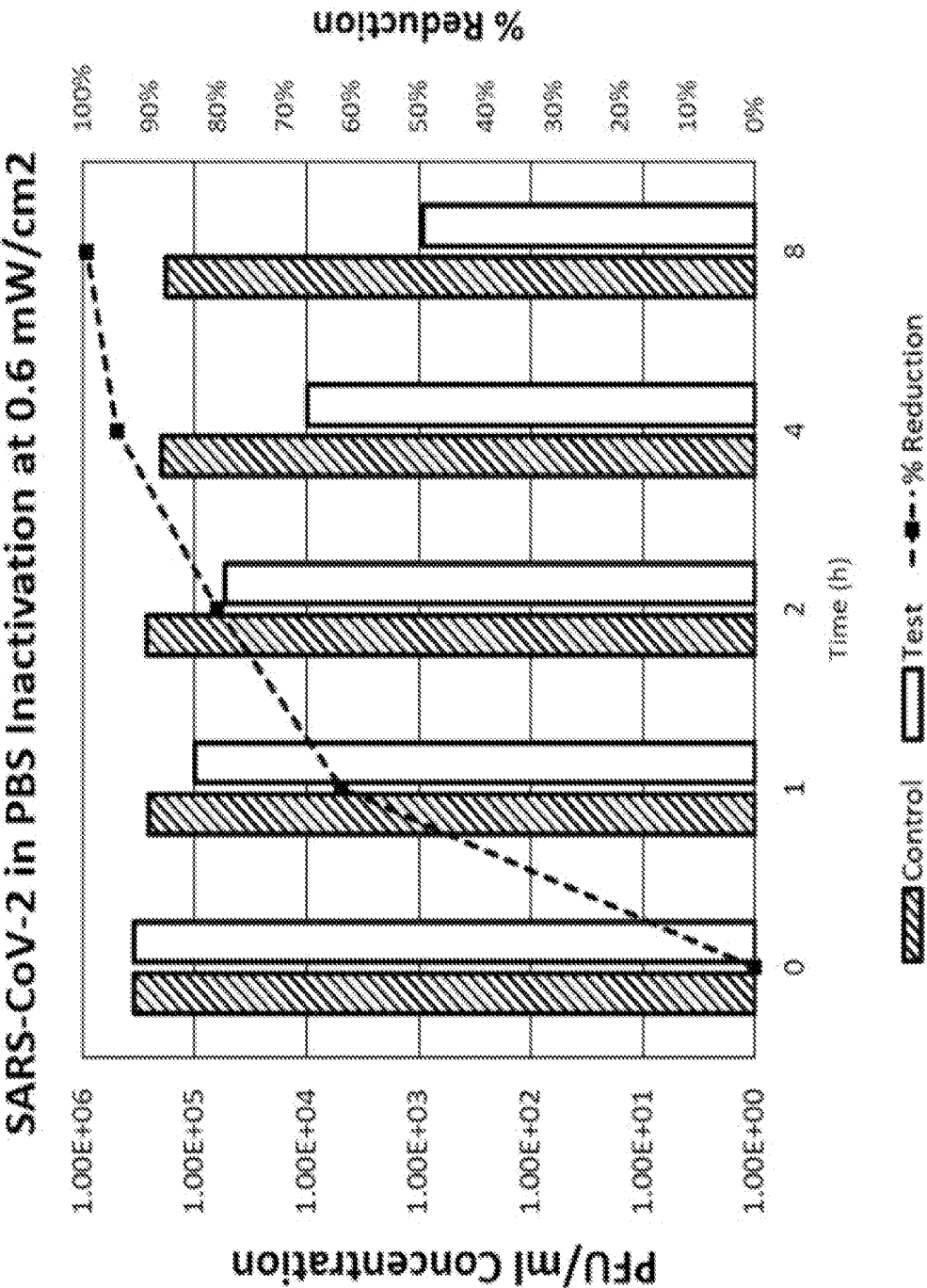


FIG. 2D

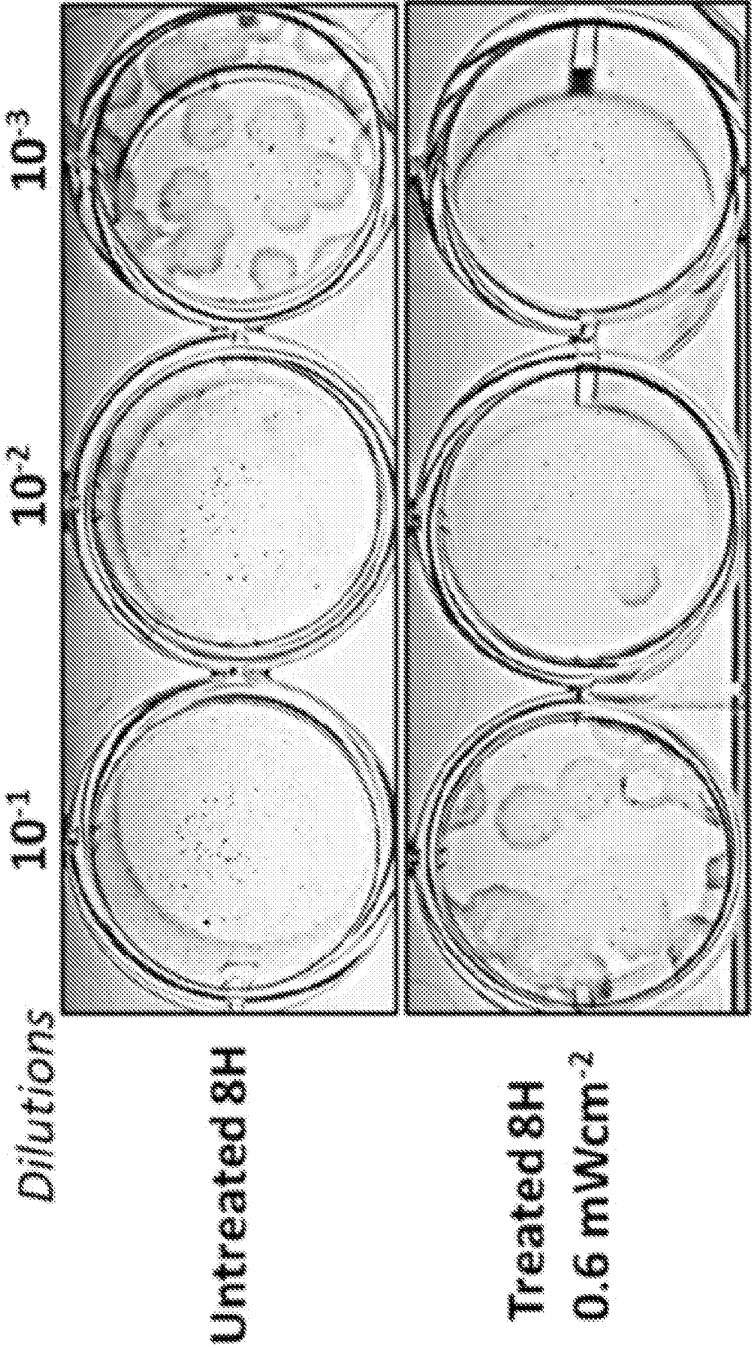


FIG. 2E

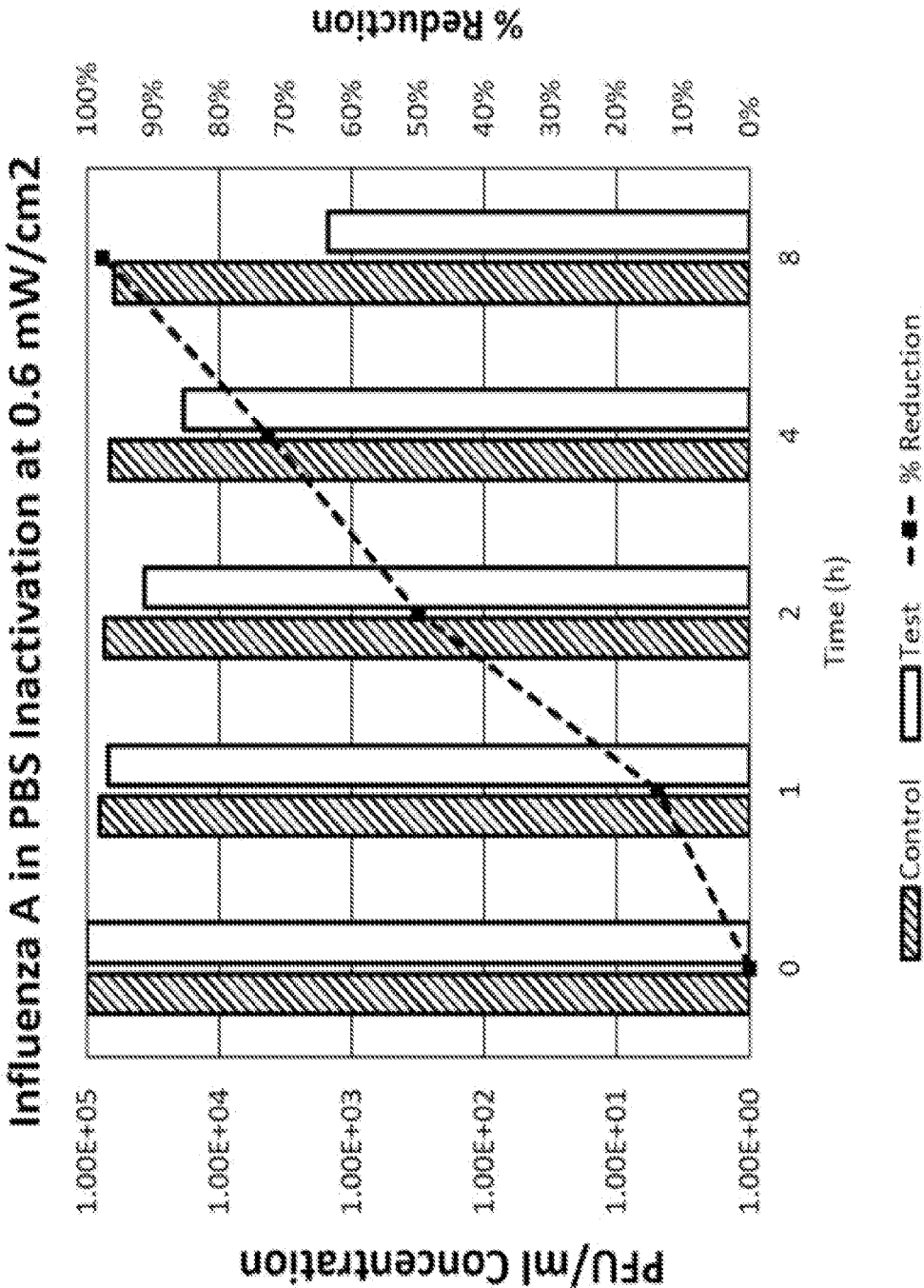


FIG. 3A

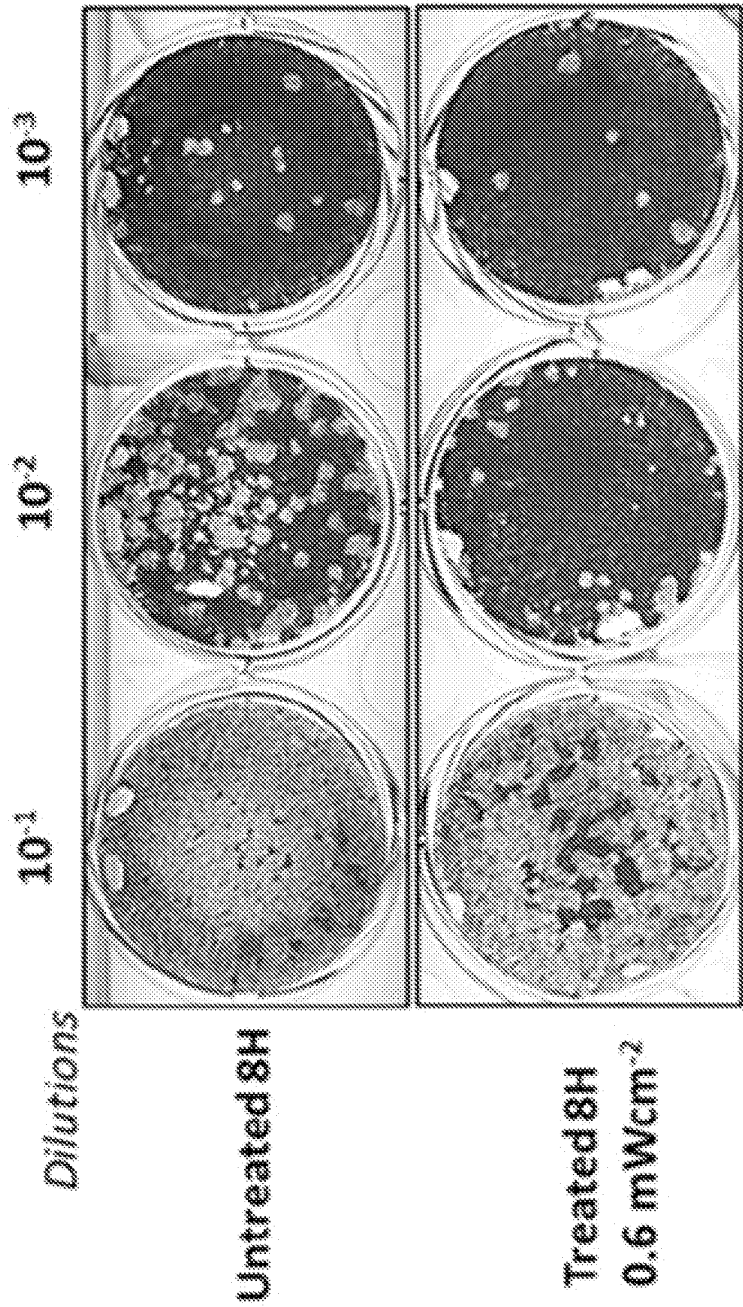


FIG. 3B

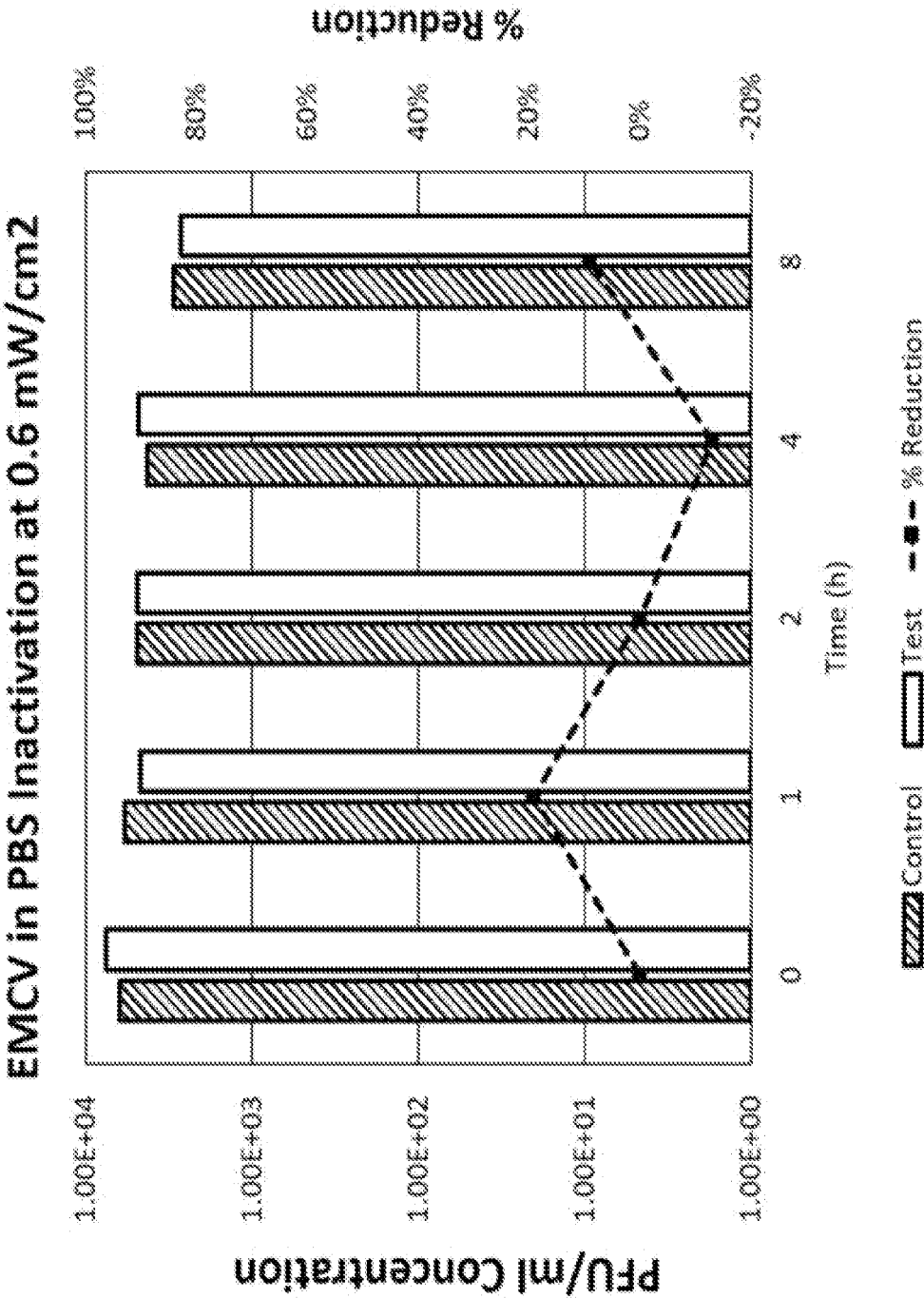


FIG. 4A

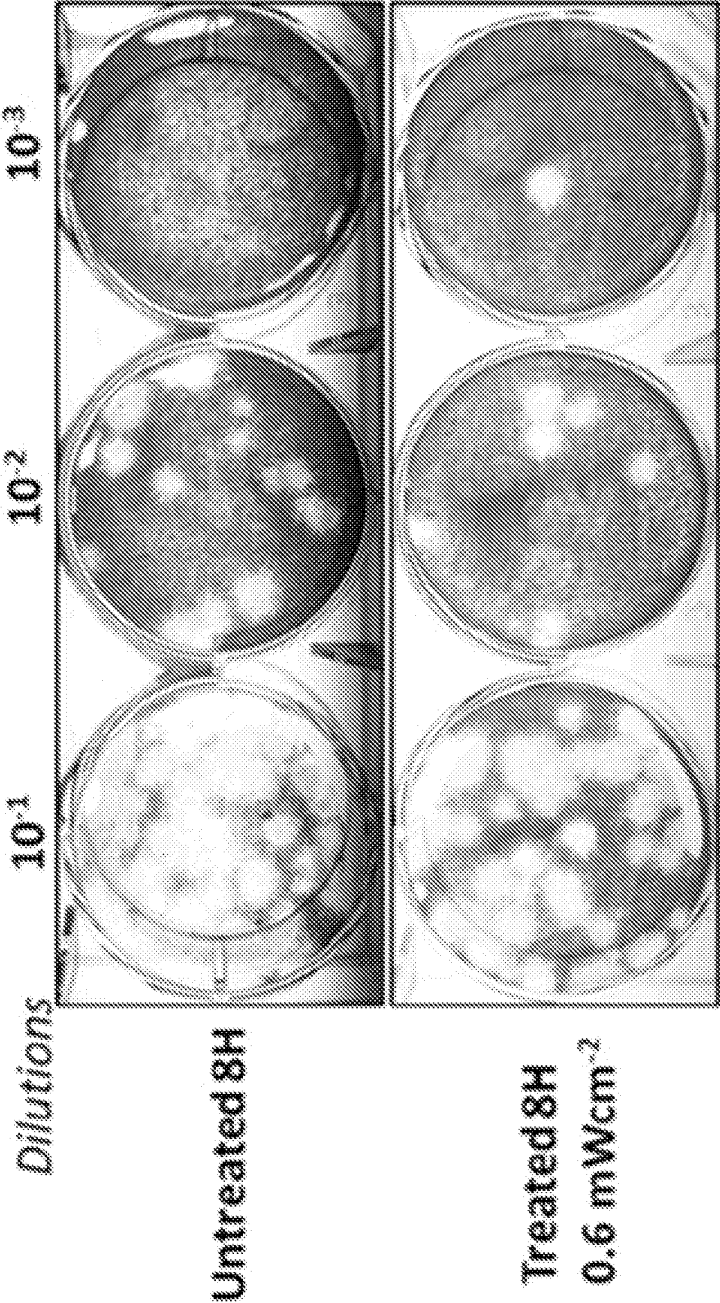


FIG. 4B

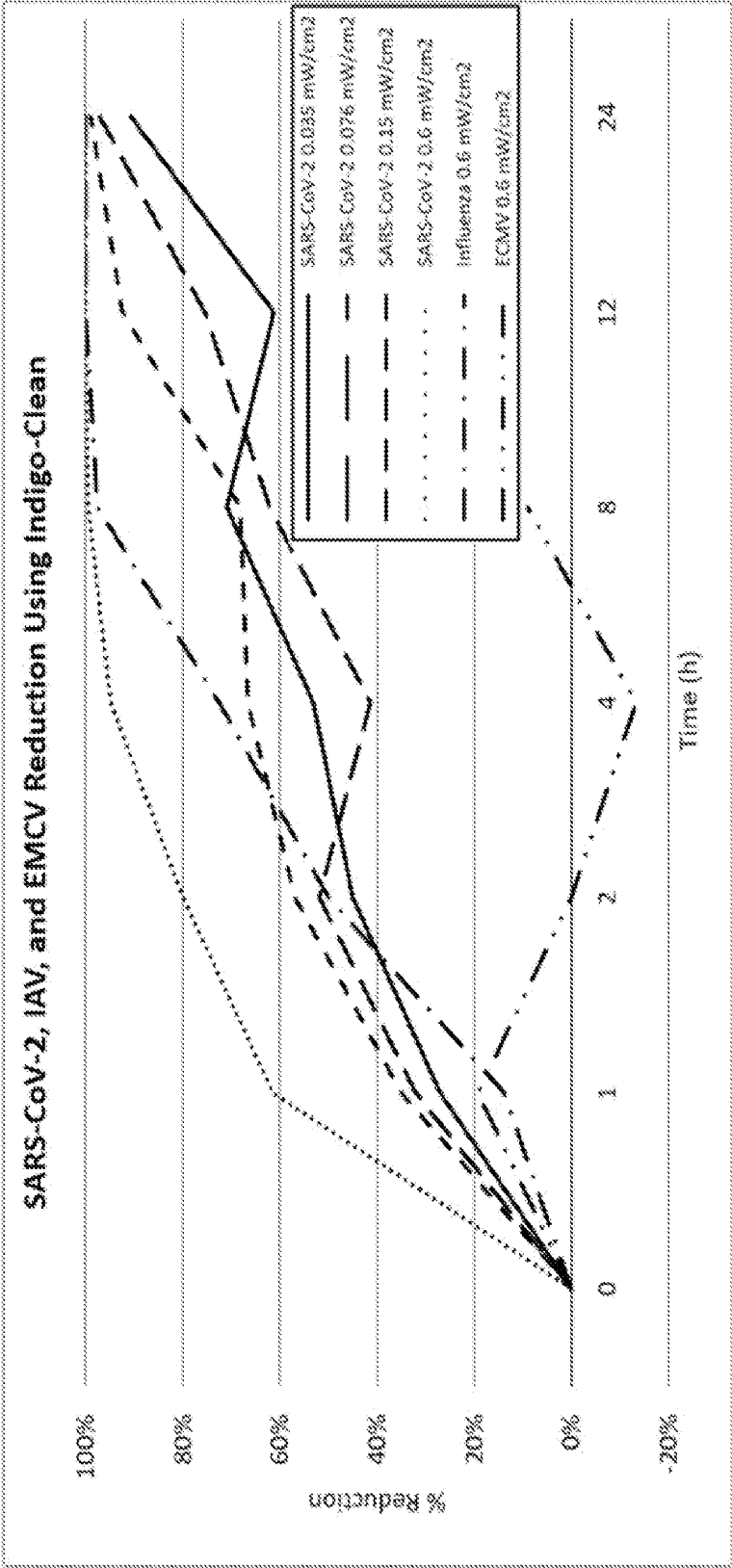


FIG. 5A

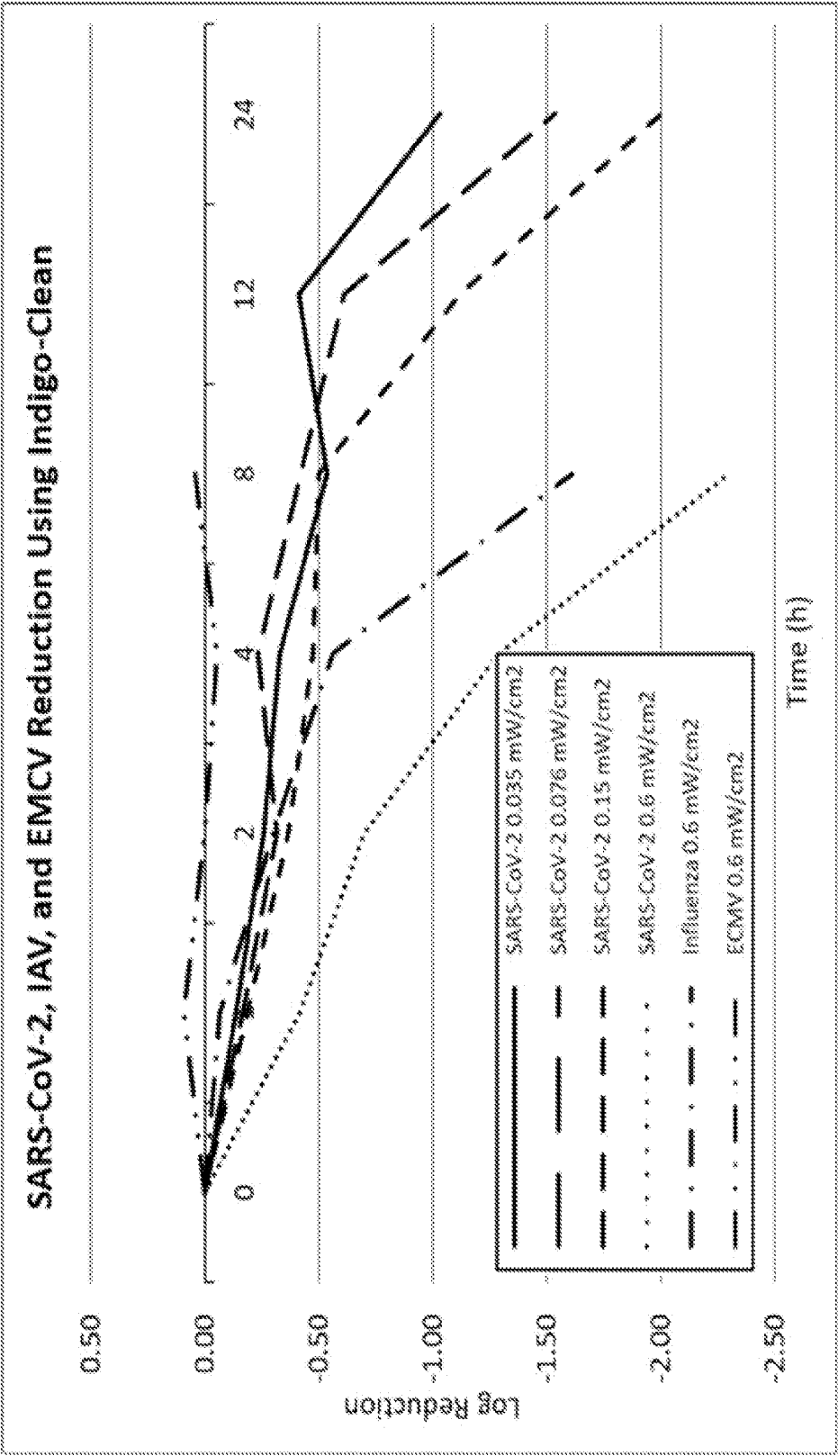


FIG. 5B

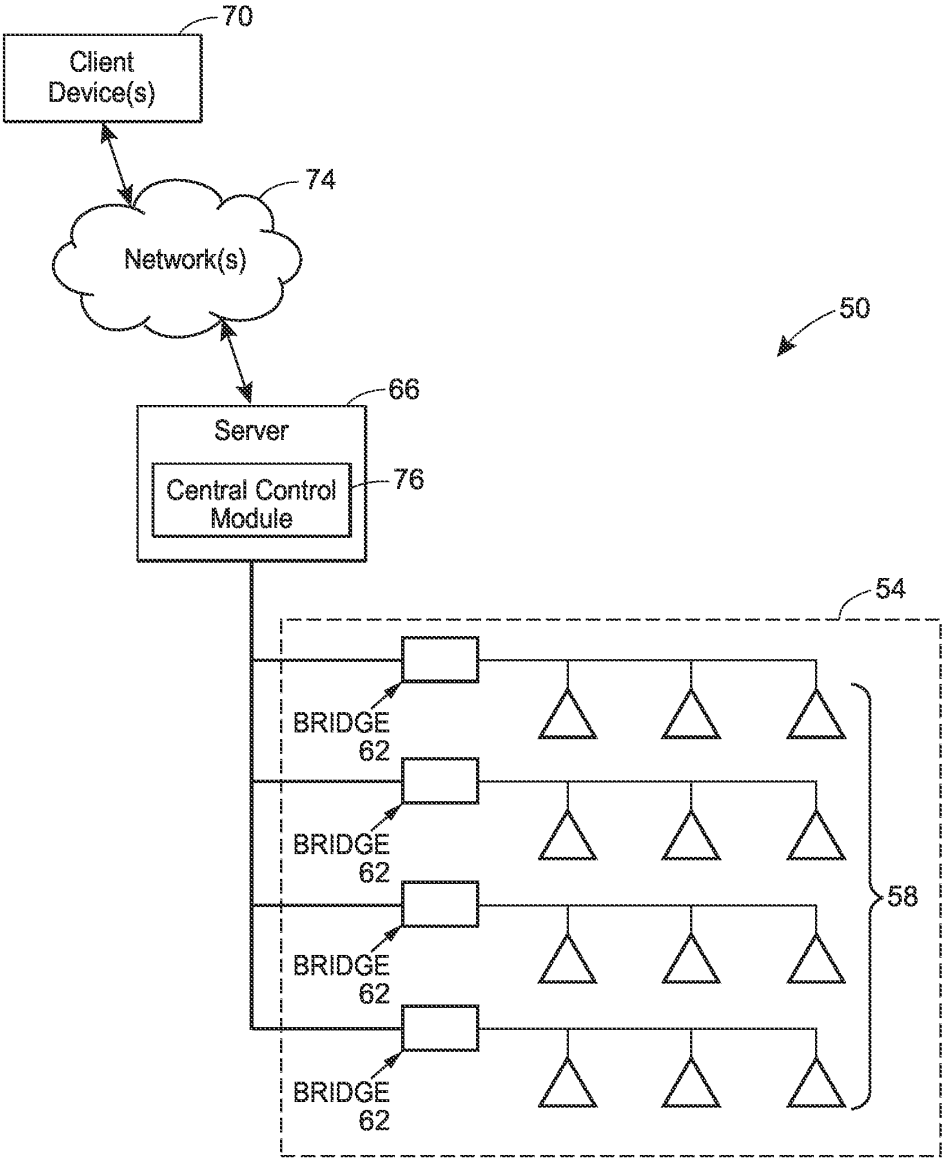


FIG. 6

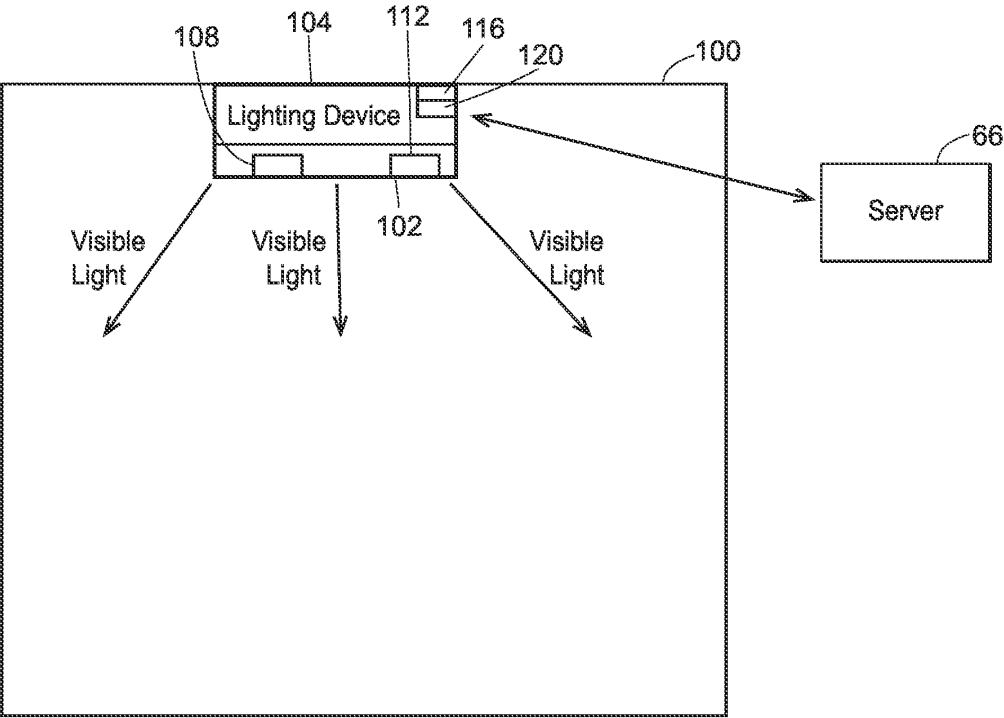


FIG. 7

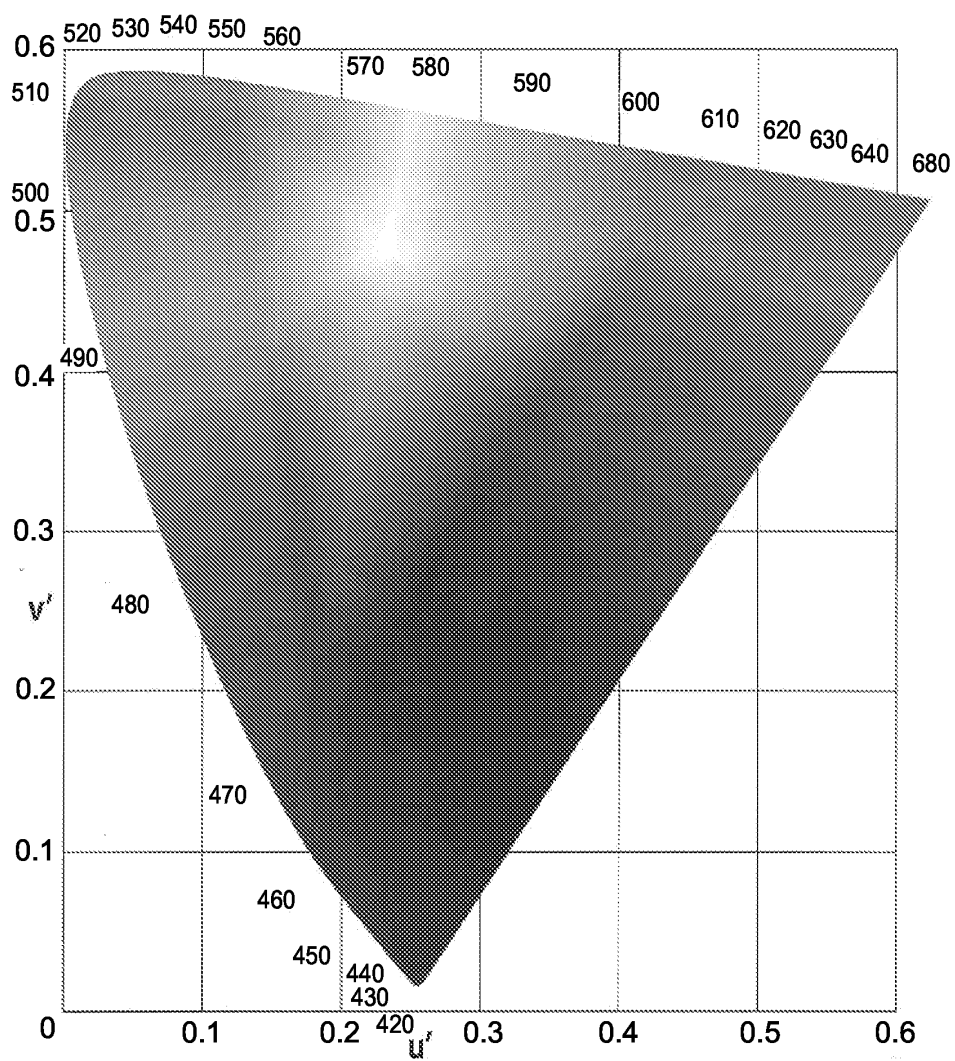
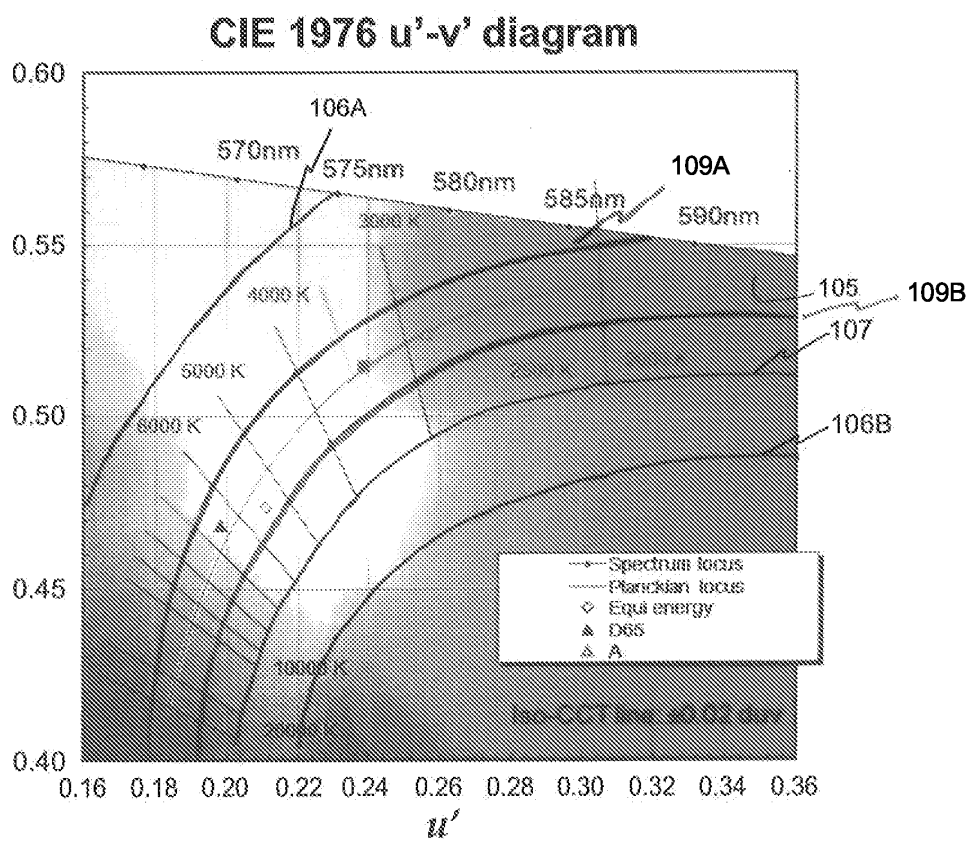


FIG. 8A

**FIG. 8B**

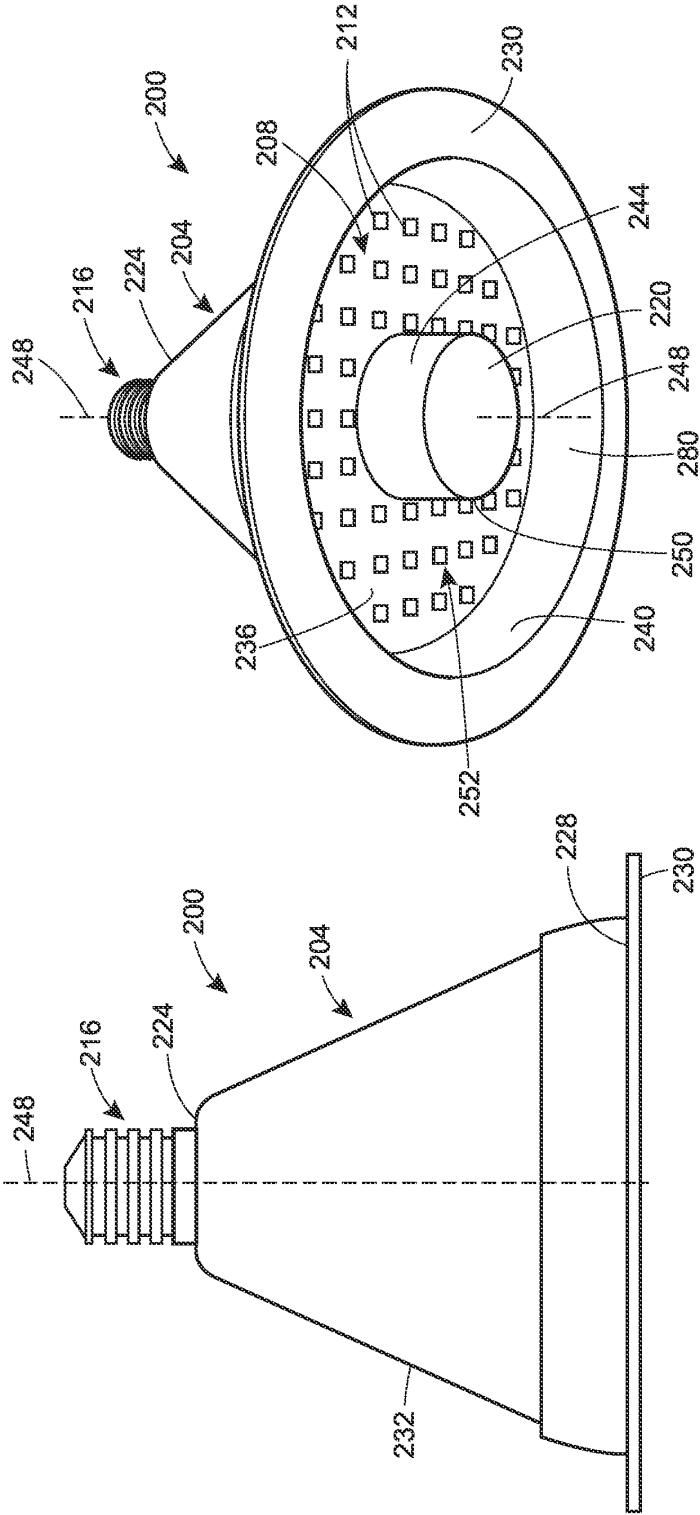


FIG. 9B

FIG. 9A

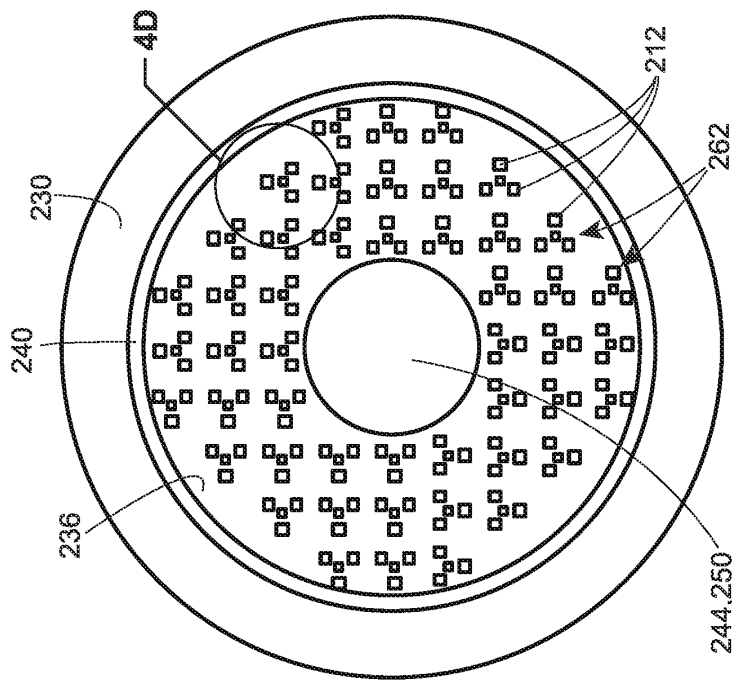


FIG. 9C

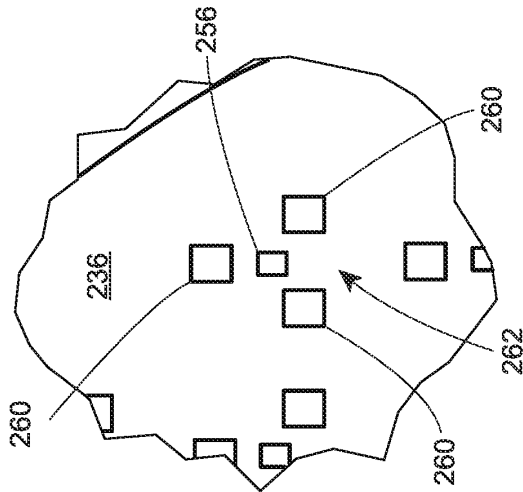


FIG. 9D

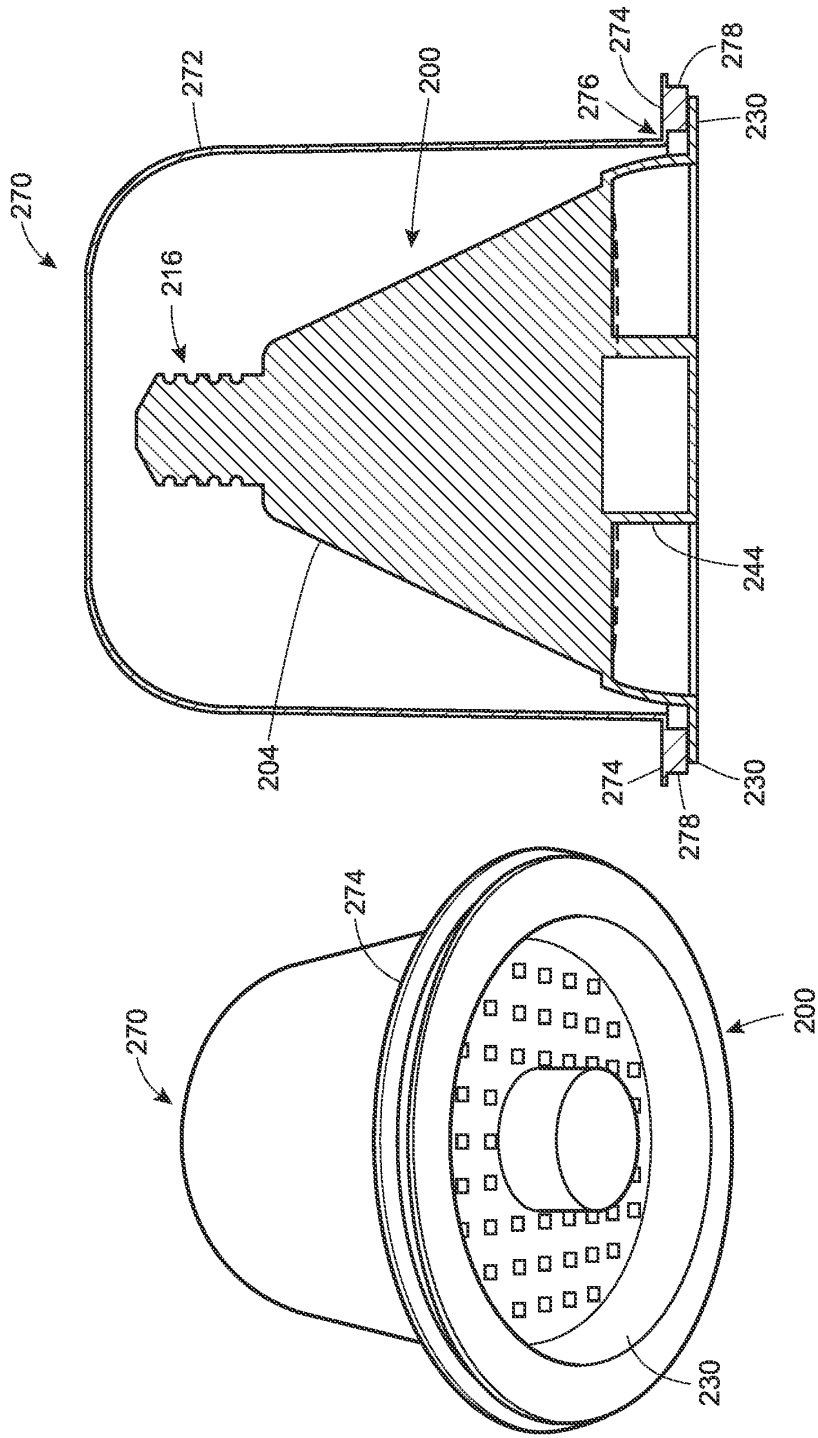


FIG. 10B

FIG. 10A

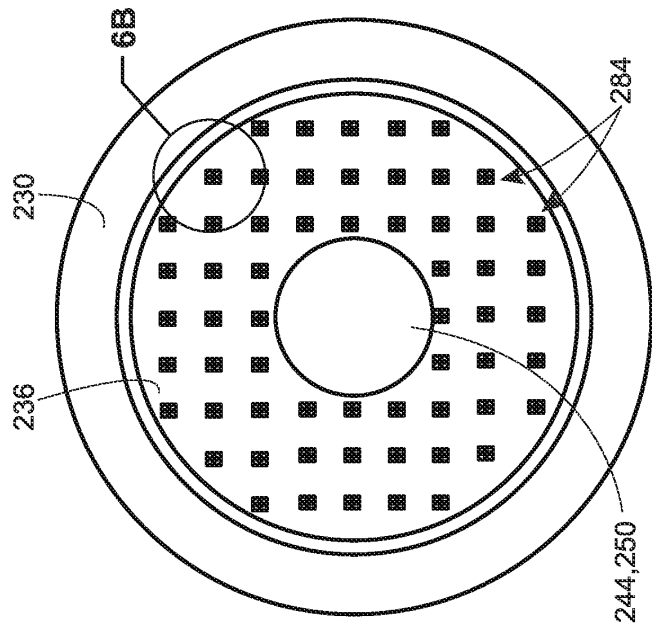


FIG. 11A

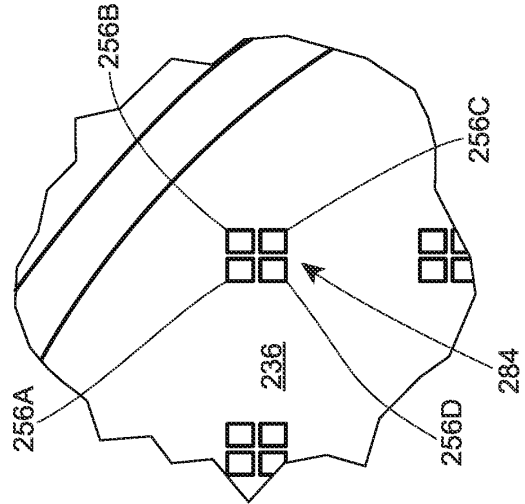


FIG. 11B

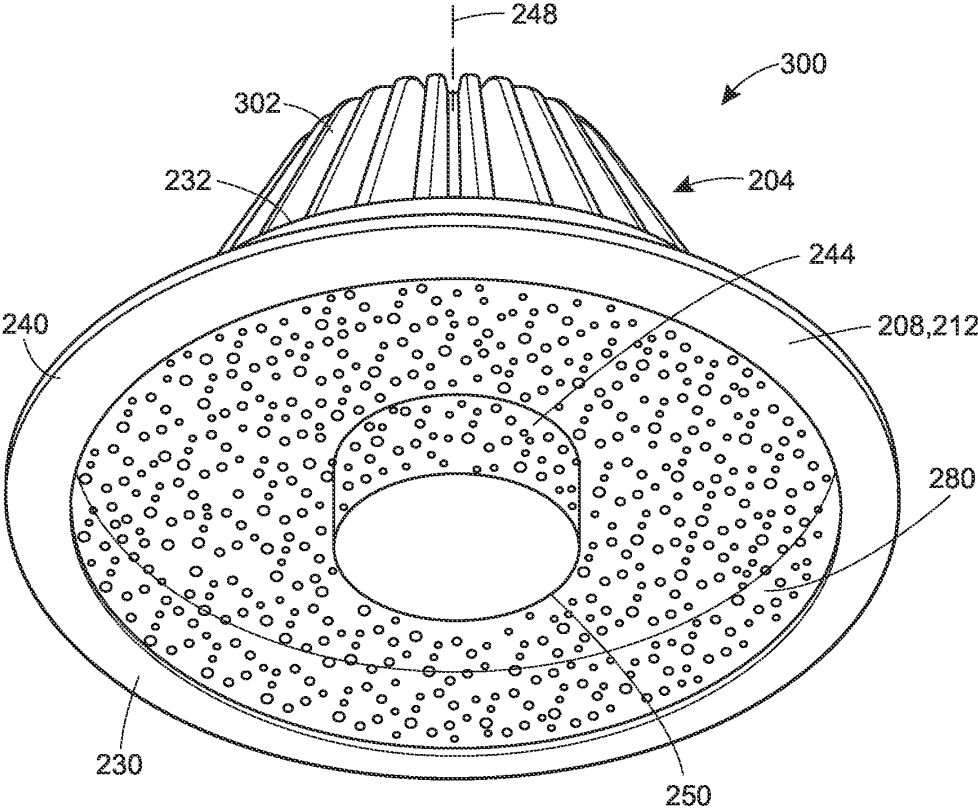


FIG. 12

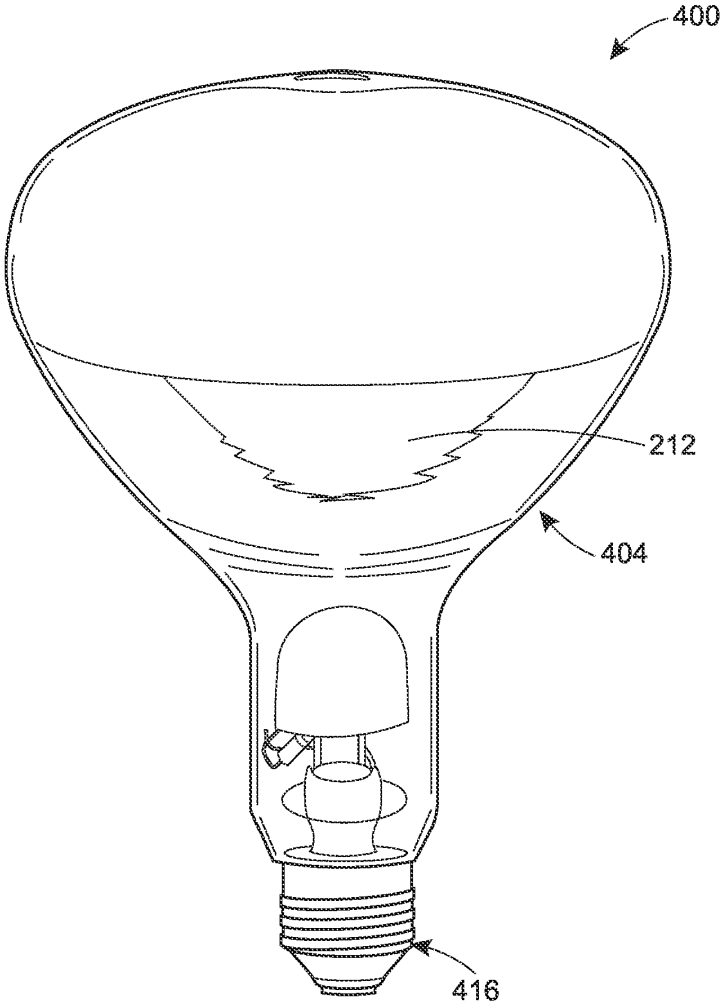


FIG. 13

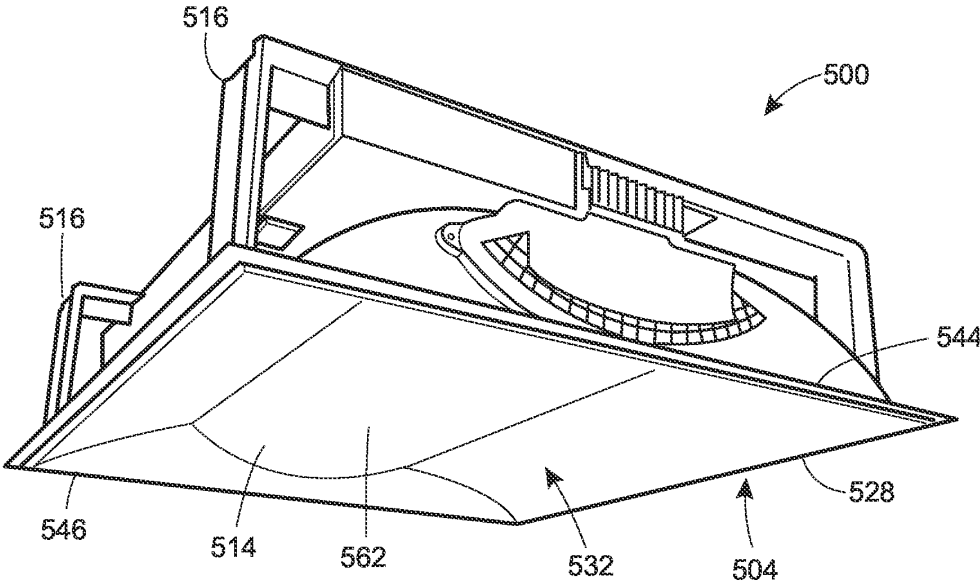


FIG. 14A

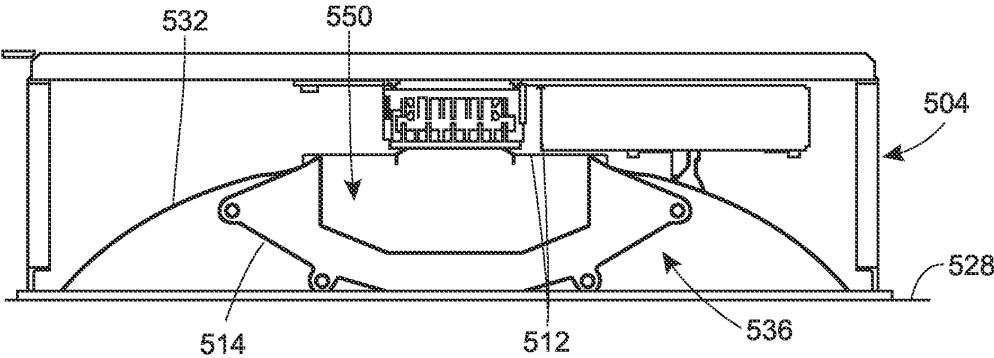


FIG. 14B

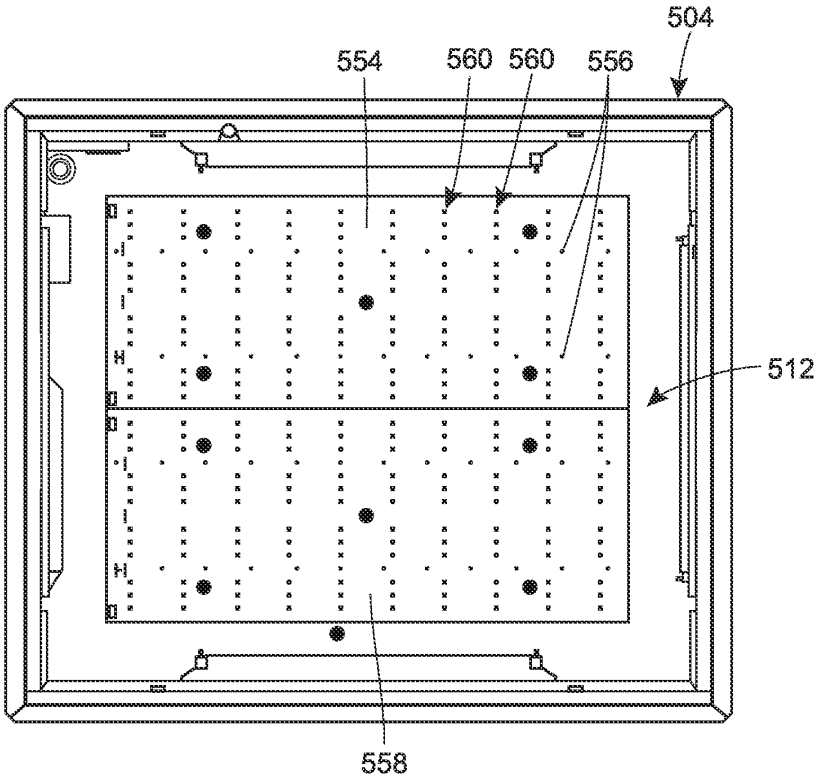


FIG. 14C

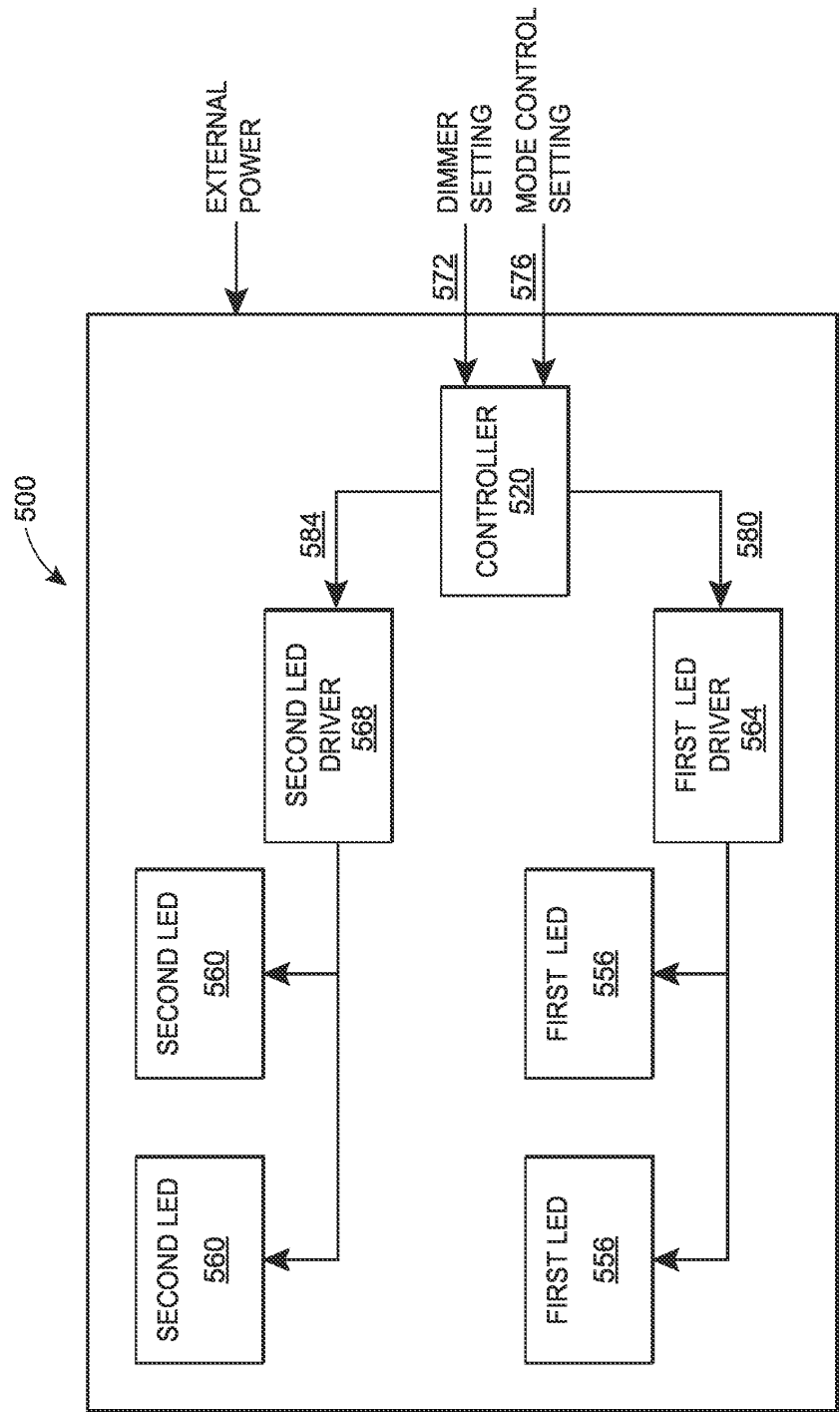


FIG. 14D

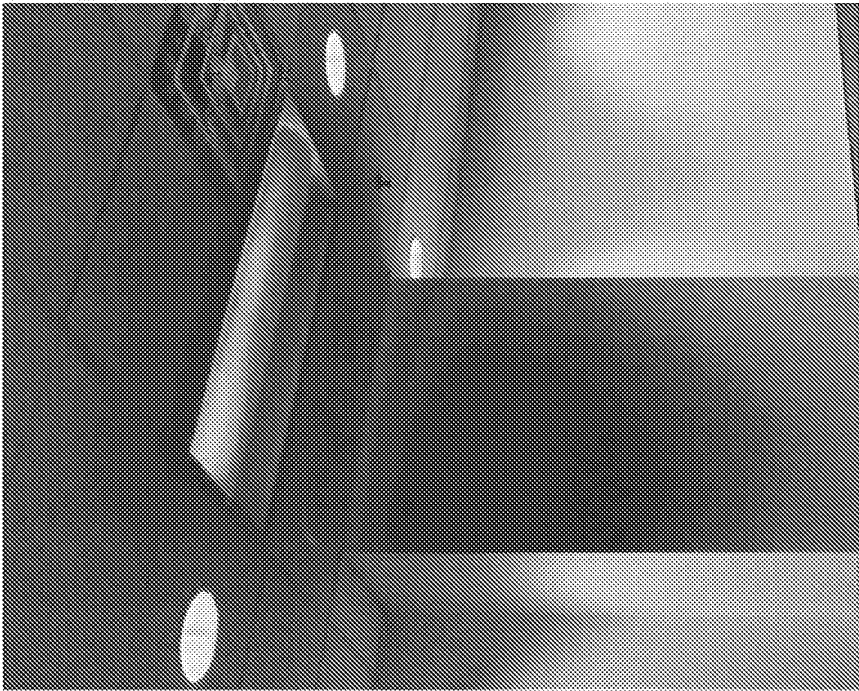


FIG. 14F

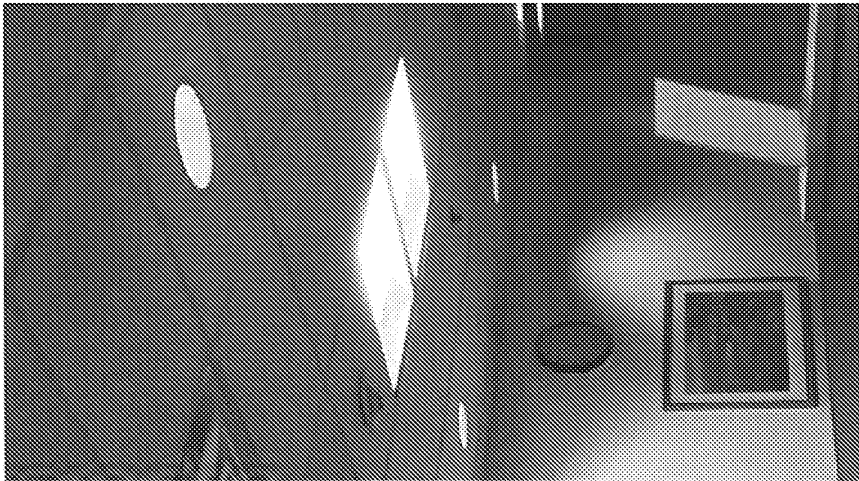


FIG. 14E

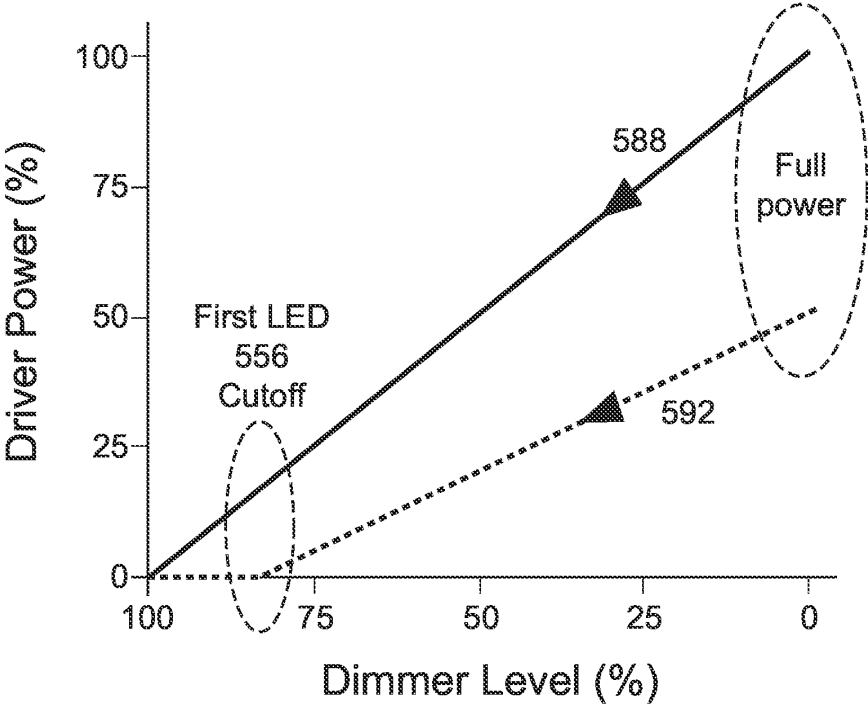
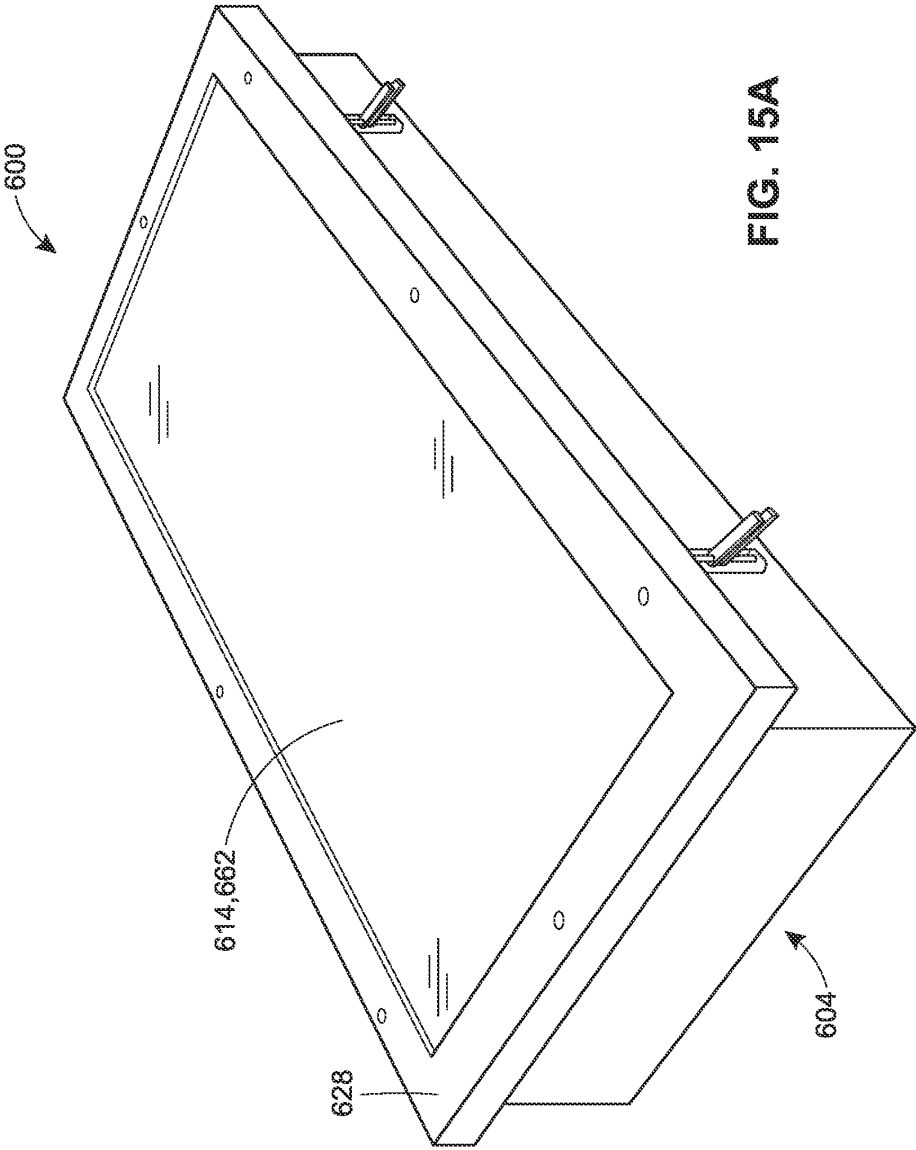


FIG. 14G



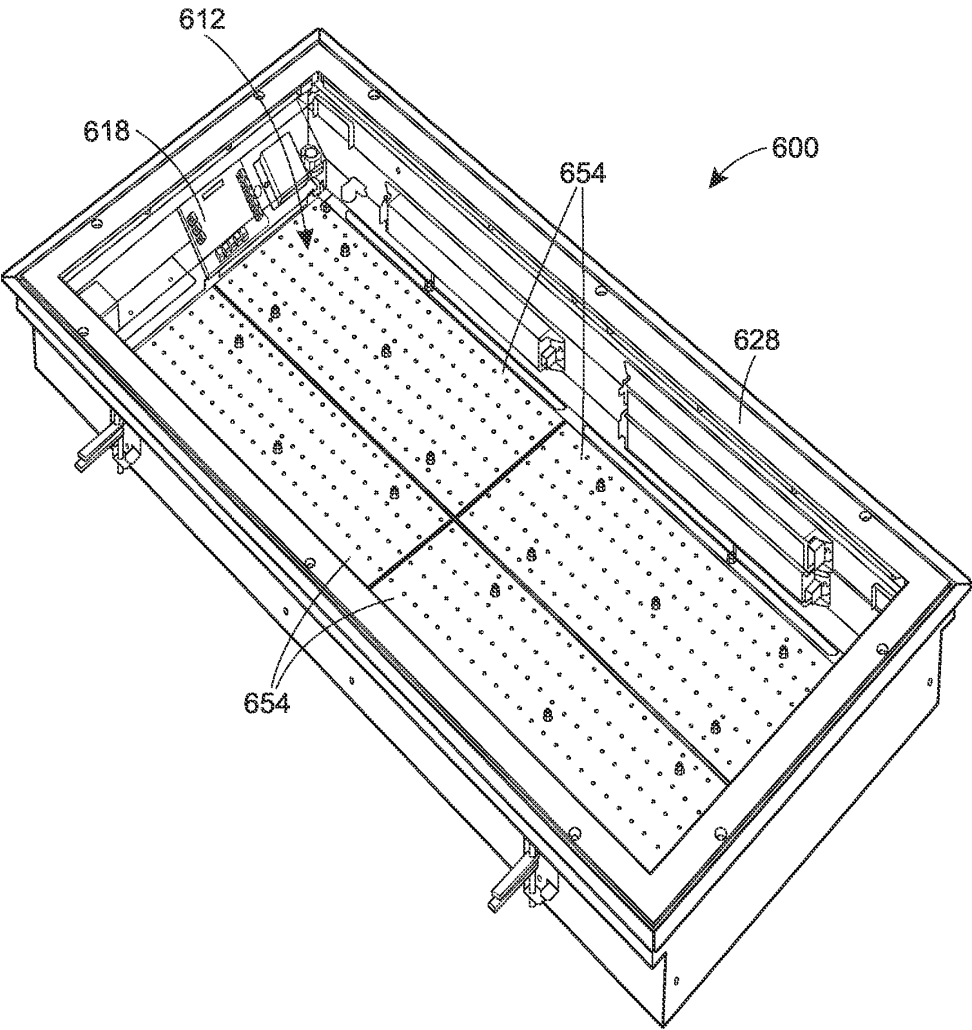


FIG. 15B

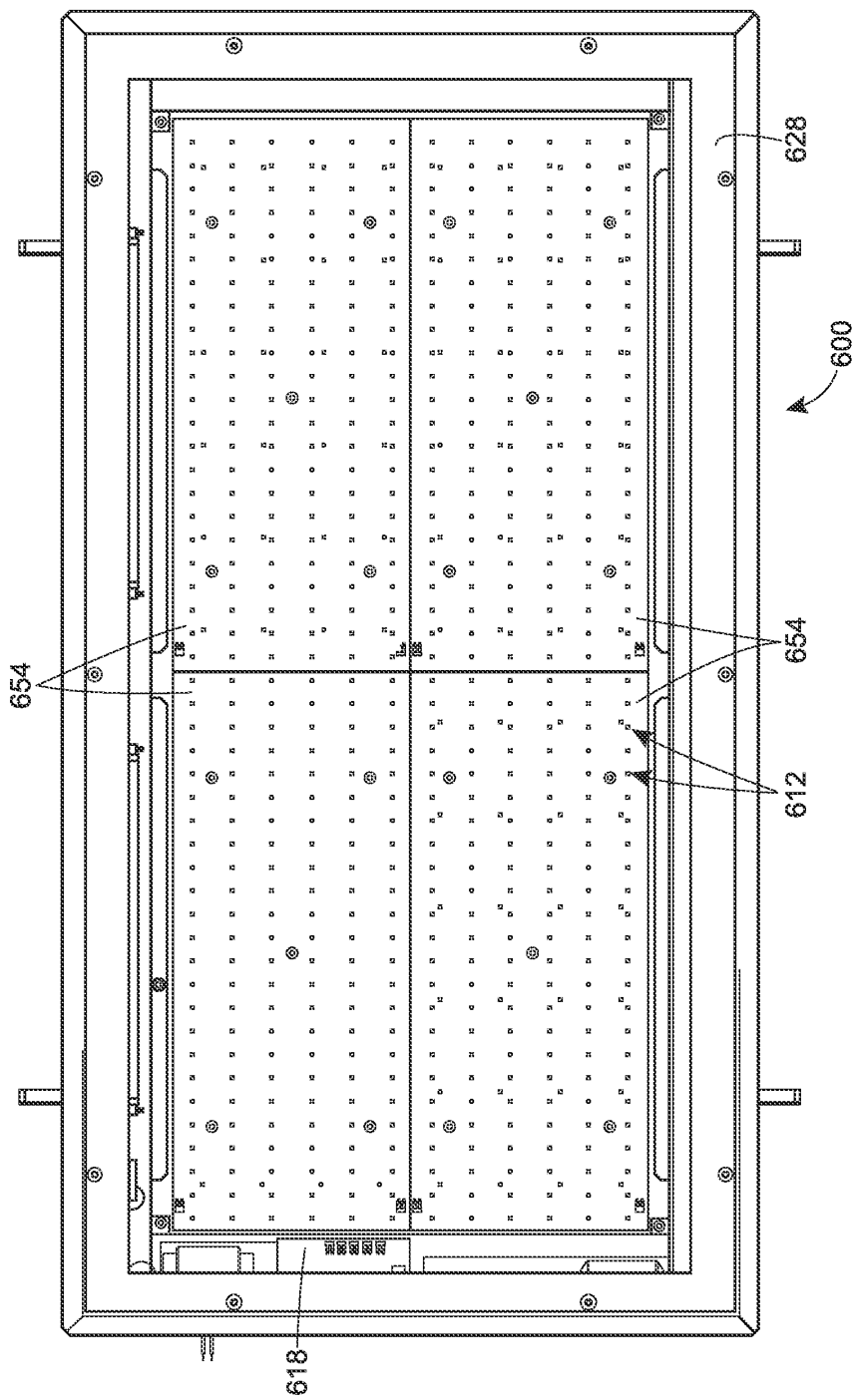
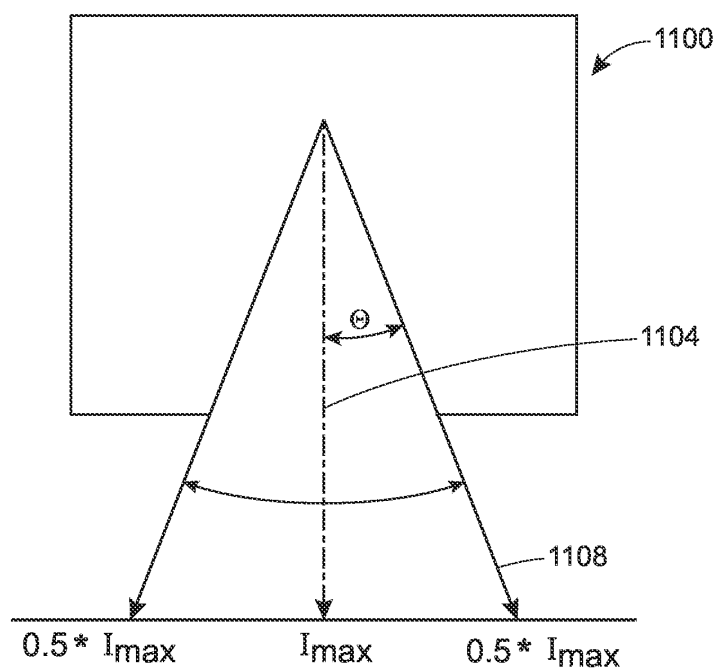
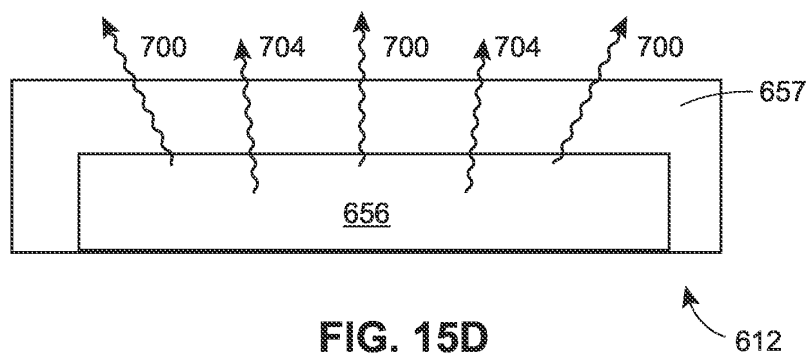


FIG. 15C



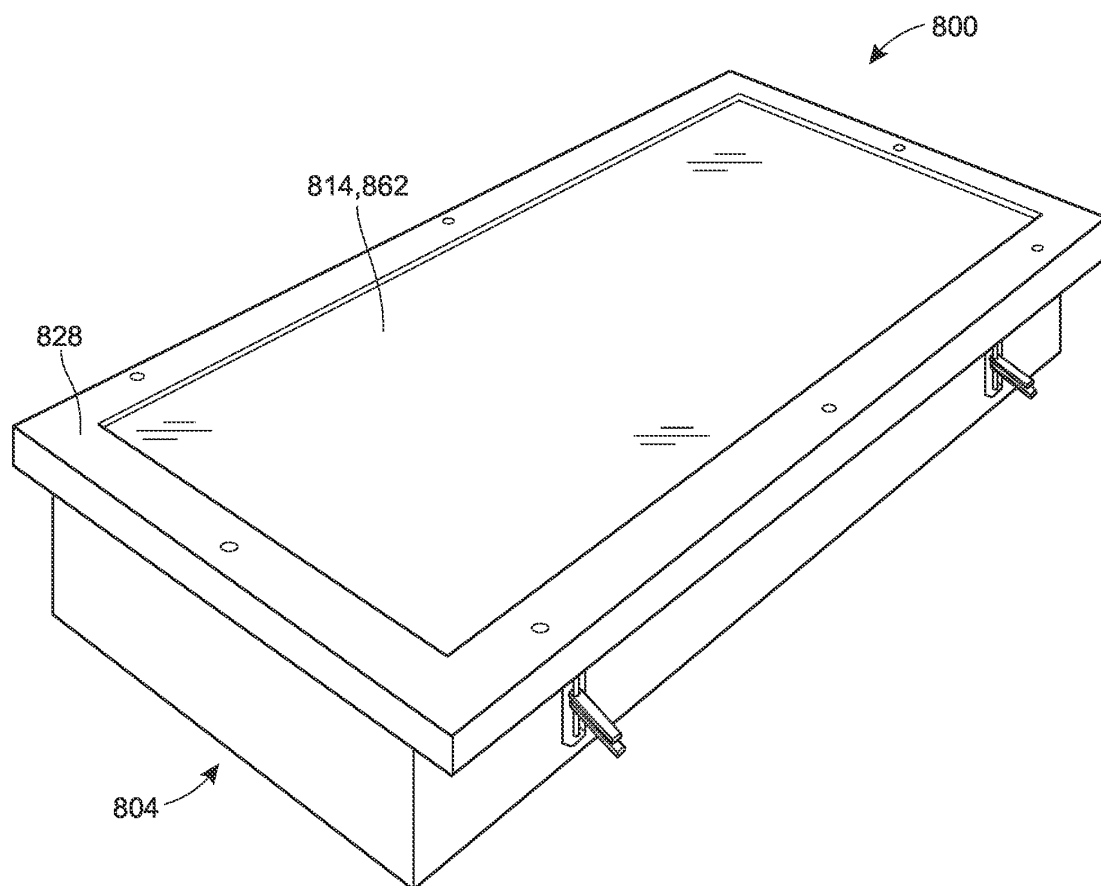
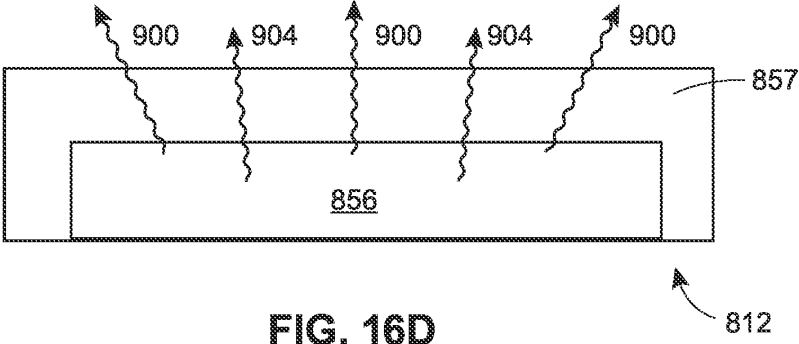
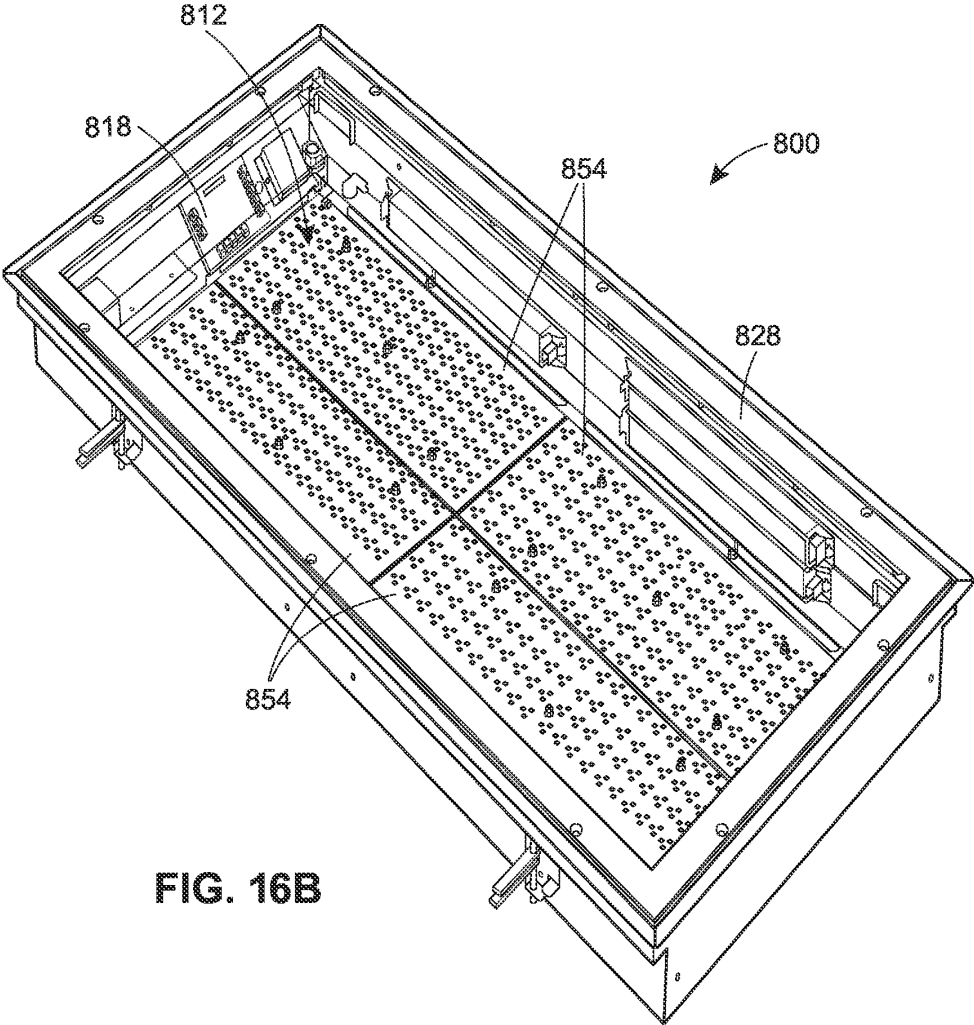


FIG. 16A



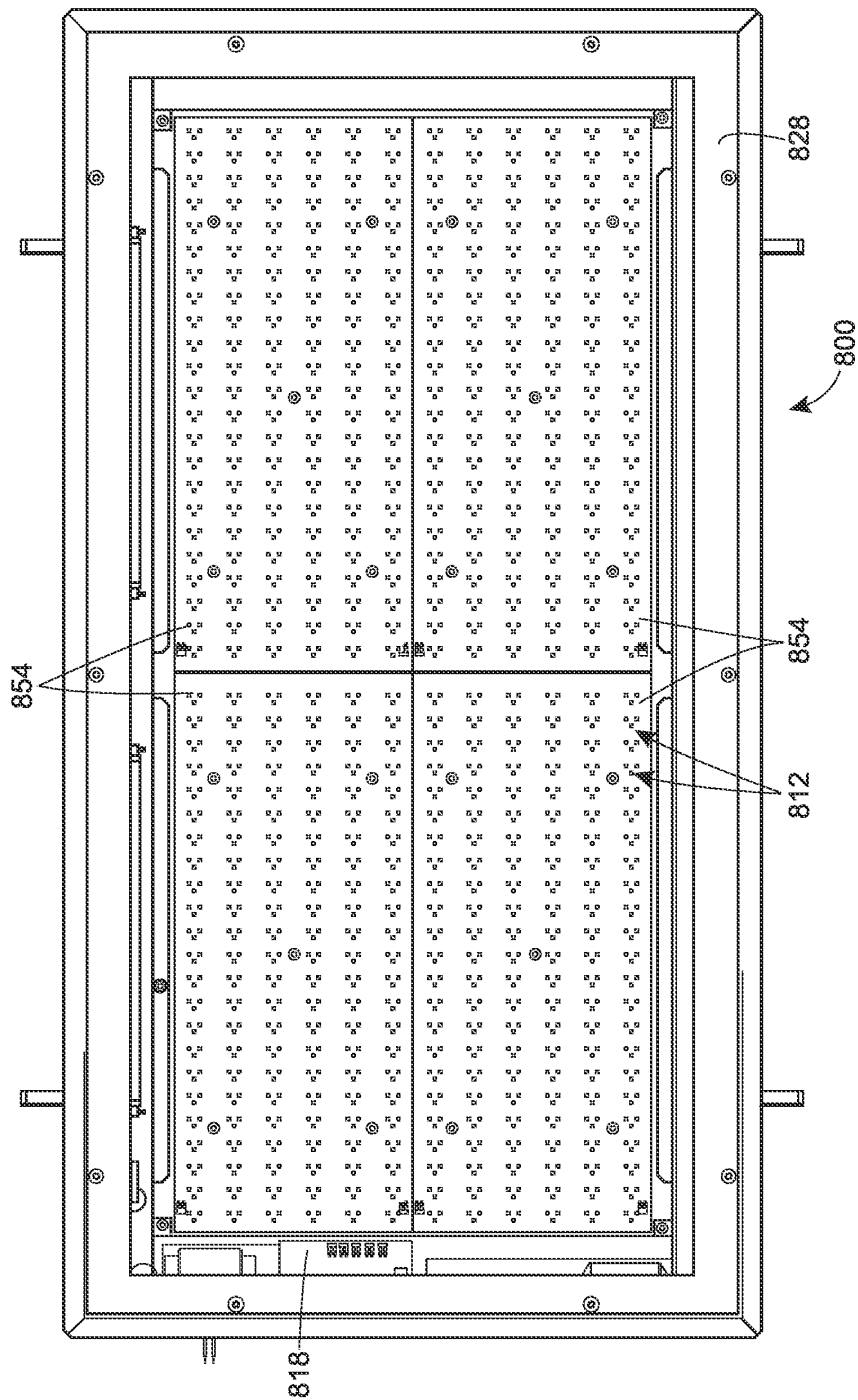


FIG. 16C

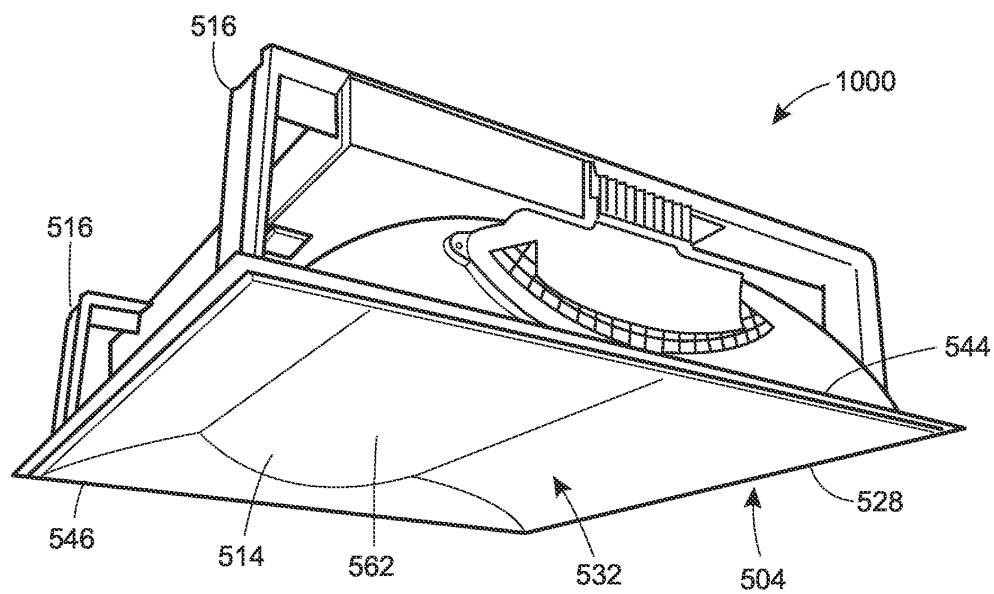


FIG. 17A

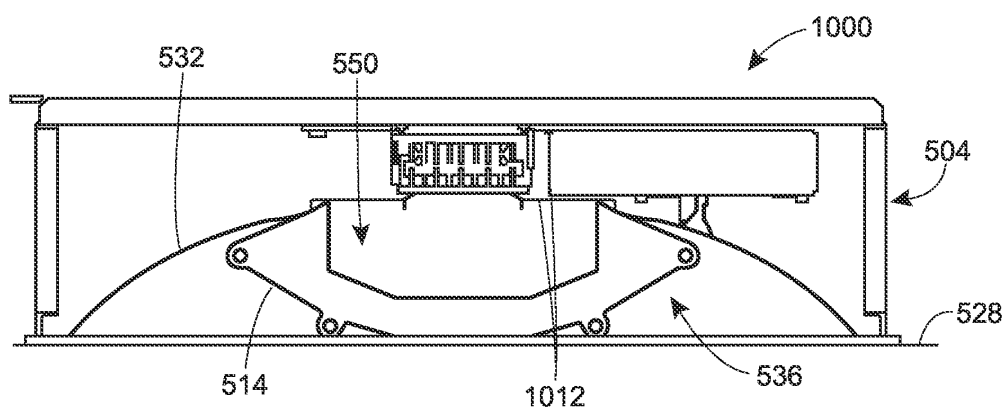


FIG. 17B

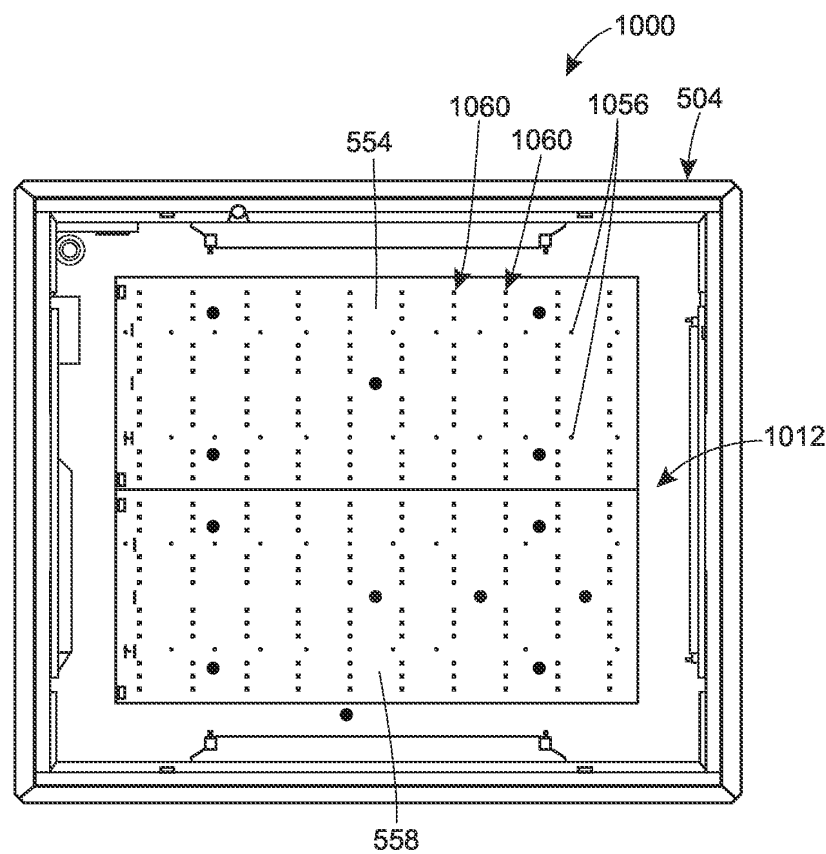


FIG. 17C

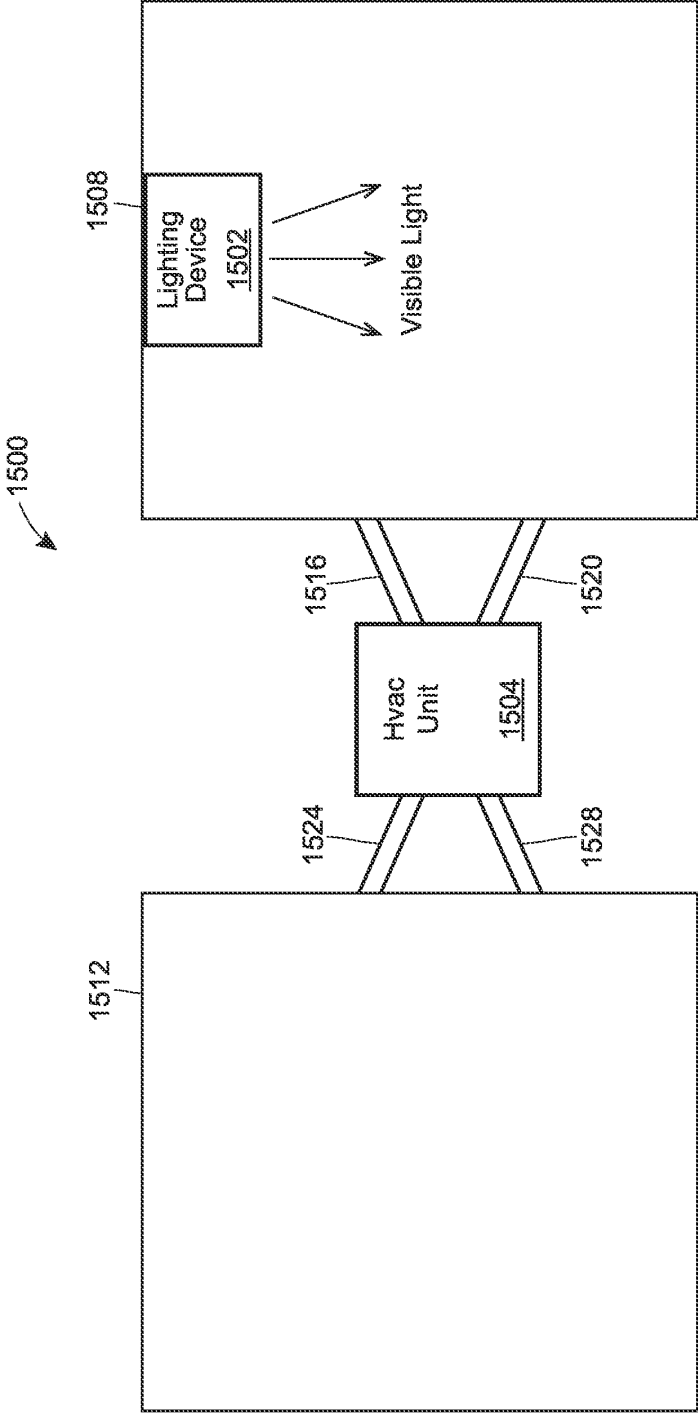


FIG. 18

Room	Oct-2015 to Oct-2016		Oct-2016 to Oct-2017		SSI Change	Bacterial Reduction
	# of Cases	# of SSI	# of Cases	# of SSI		
OR1 (w/lighting device)	788	11	850	3	>=-73%	>=-85%
OR2 (w/o lighting device)	662	8	660	2	>=-75%	>=-62%

FIG. 19A

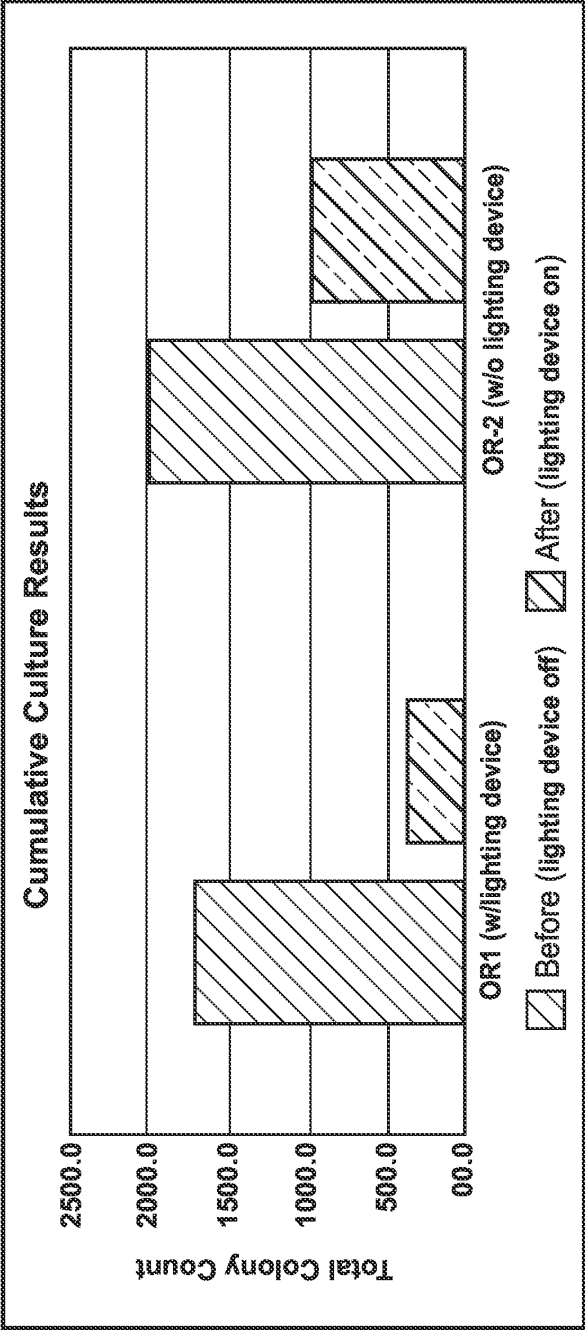


FIG. 19B

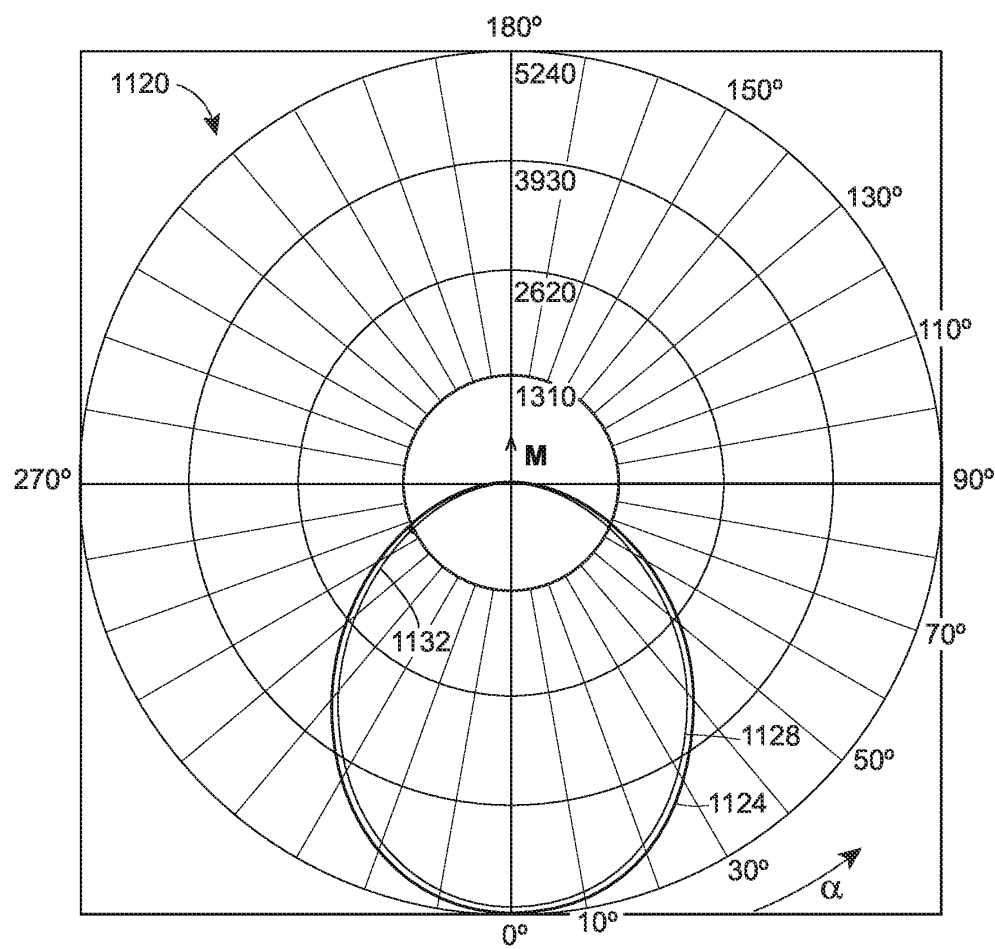


FIG. 20B

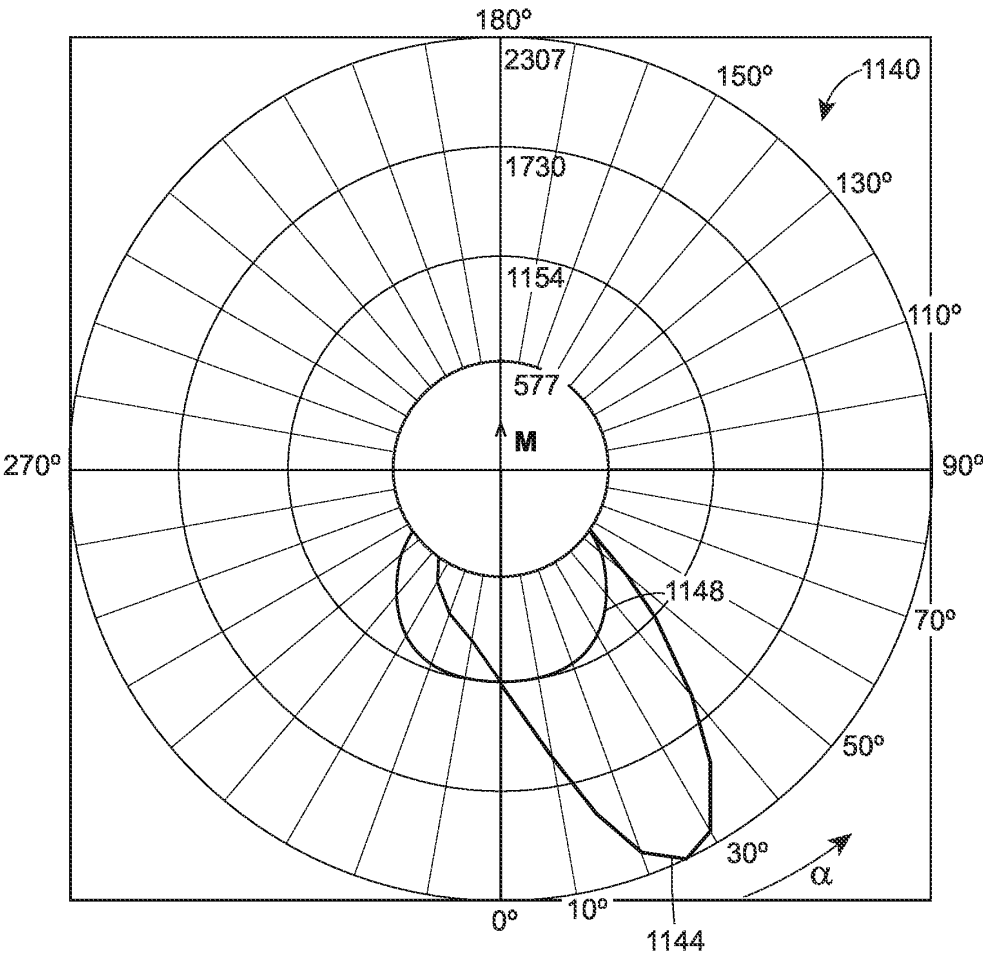


FIG. 20C

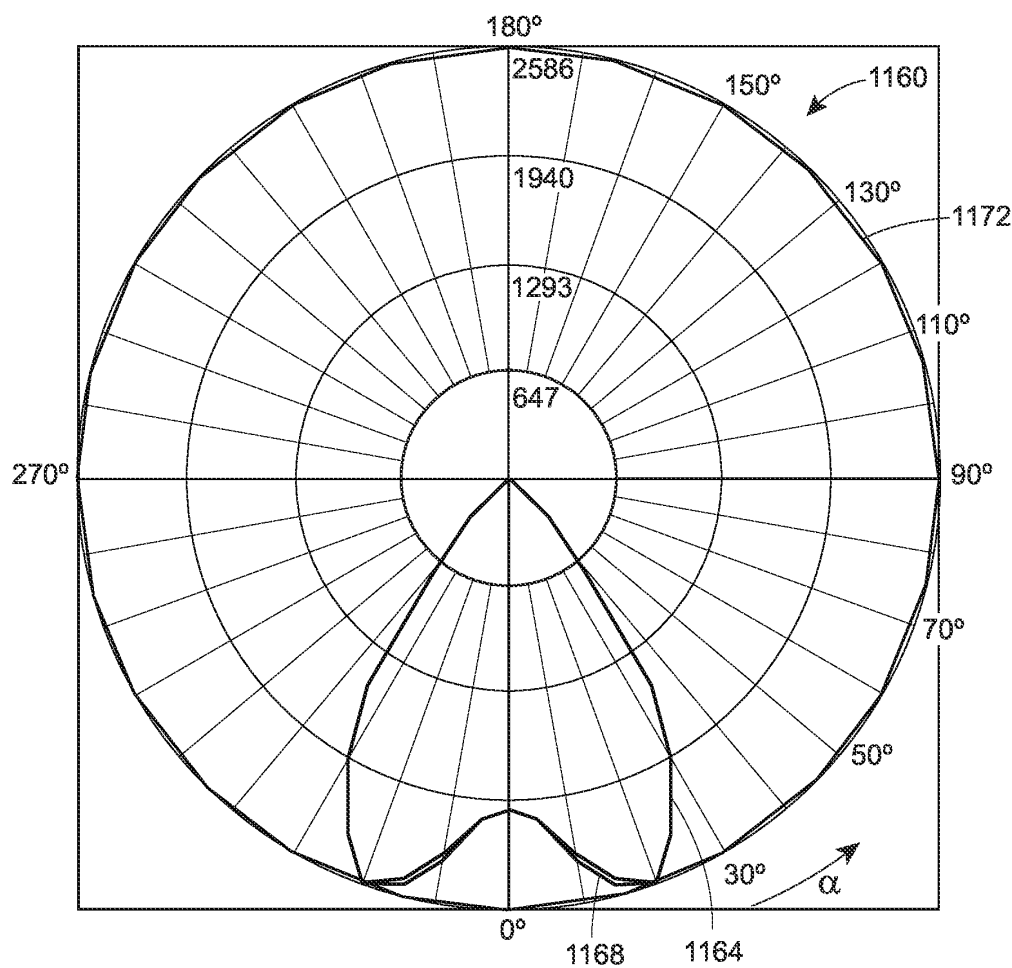


FIG. 20D

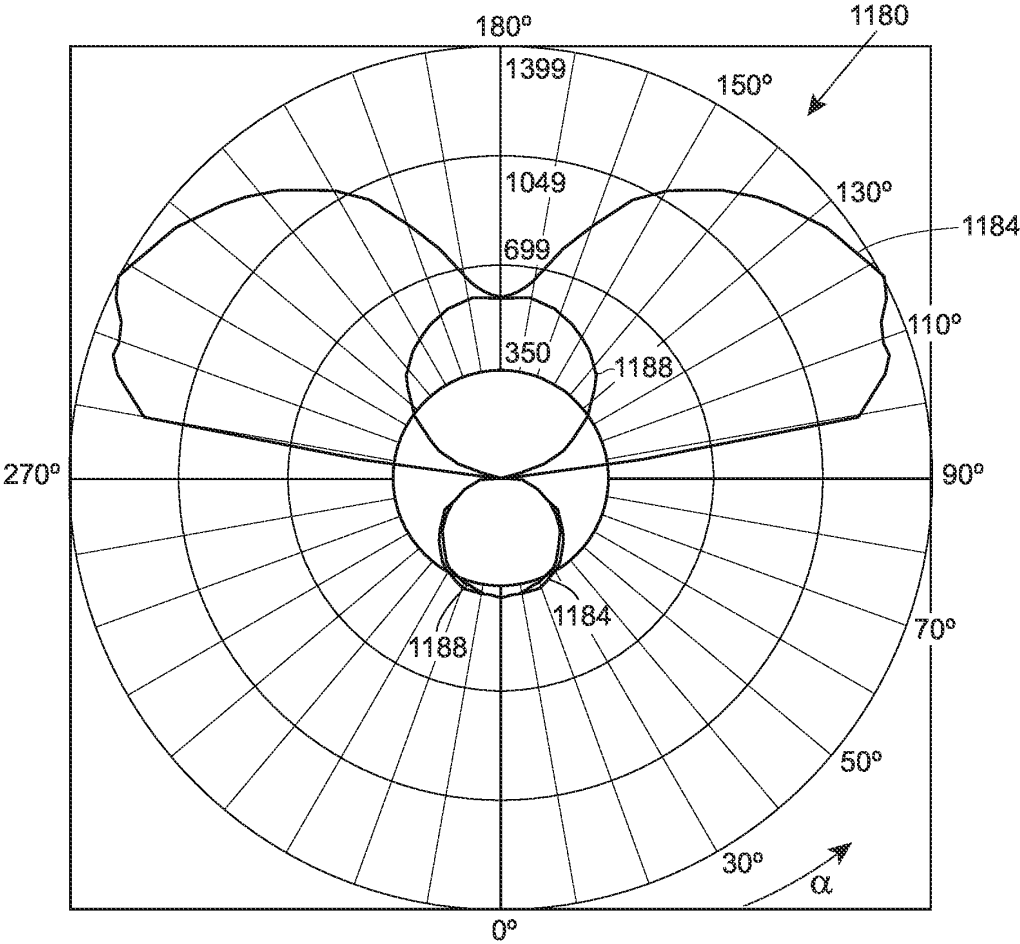


FIG. 20E

ZONAL LUMEN SUMMARY	
Zone	Lumens
0-10	493.41
10-20	1397.87
20-30	2063.47
30-40	2376.24
40-50	2308.35
50-60	1930.14
60-70	1363.09
70-80	736.54
80-90	204.74
90-100	4.97
100-110	3.52
110-120	3.27
120-130	2.79
130-140	3.33
140-150	6.52
150-160	16.26
160-170	18.35
170-180	5.00

FIG. 20F

ZONAL LUMEN SUMMARY	
Zone	Lumens
0-10	111.70
10-20	359.12
20-30	614.39
30-40	756.65
40-50	691.23
50-60	496.87
60-70	294.40
70-80	121.30
80-90	19.16
90-100	0.00
100-110	0.00
110-120	0.00
120-130	0.00
130-140	0.00
140-150	0.00
150-160	0.00
160-170	0.00
170-180	0.00

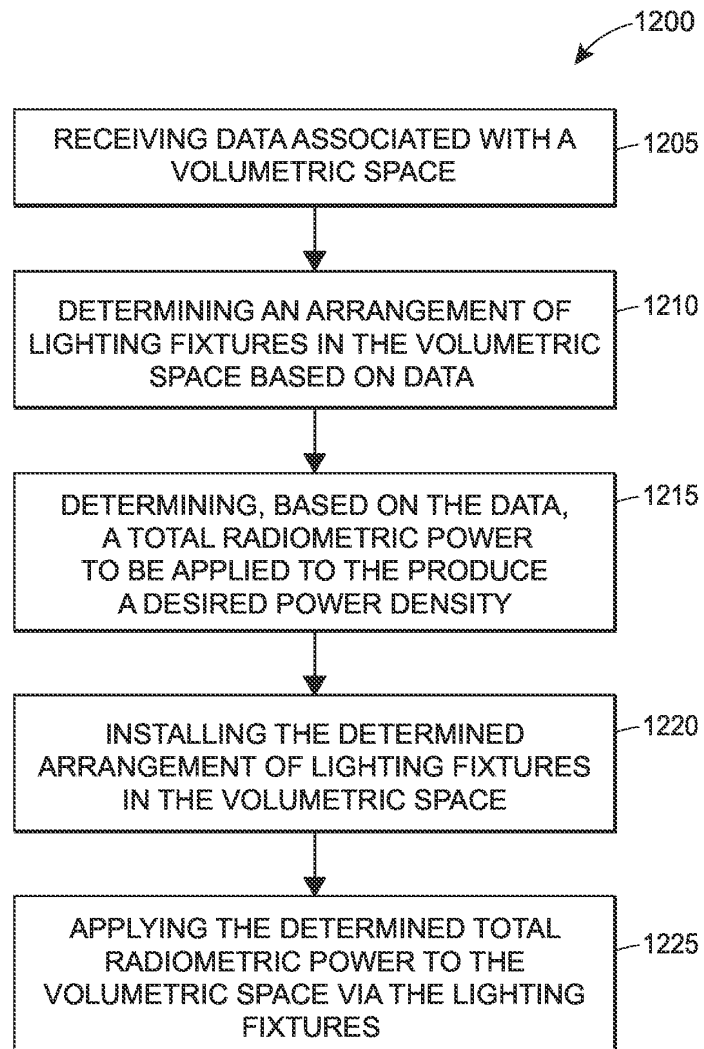
FIG. 20G

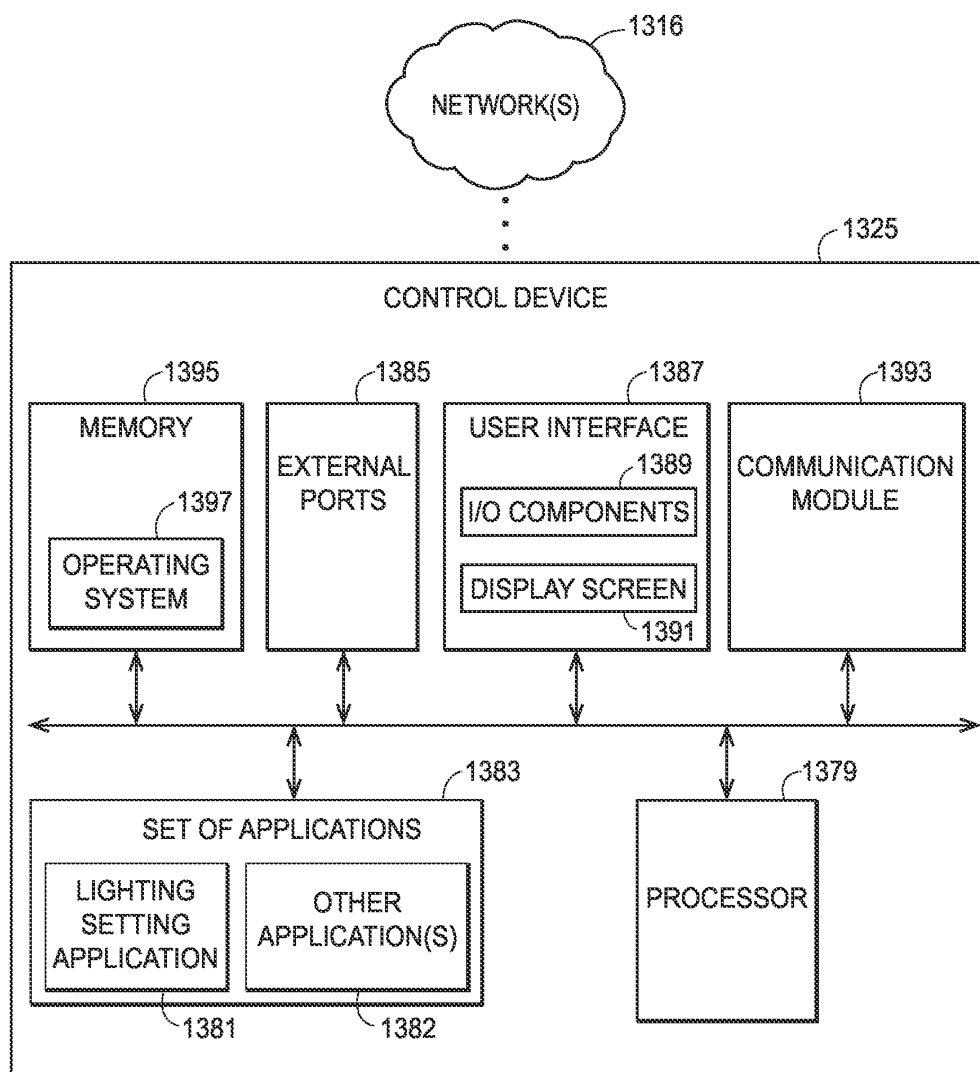
ZONAL LUMEN SUMMARY	
Zone	Lumens
0-10	202.56
10-20	698.13
20-30	1055.48
30-40	866.24
40-50	281.54
50-60	41.20
60-70	7.46
70-80	2.55
80-90	0.50
90-100	0.00
100-110	0.01
110-120	0.02
120-130	0.02
130-140	0.06
140-150	0.35
150-160	0.86
160-170	2.19
170-180	1.92

FIG. 20H

ZONAL LUMEN SUMMARY	
Zone	Lumens
0-10	37.06
10-20	107.39
20-30	166.10
30-40	204.06
40-50	215.31
50-60	198.40
60-70	155.79
70-80	96.36
80-90	31.81
90-100	312.71
100-110	920.14
110-120	943.09
120-130	853.05
130-140	715.12
140-150	545.07
150-160	362.11
160-170	190.90
170-180	56.95

FIG. 20I

**FIG. 21**

**FIG. 22**