

FIG. 1

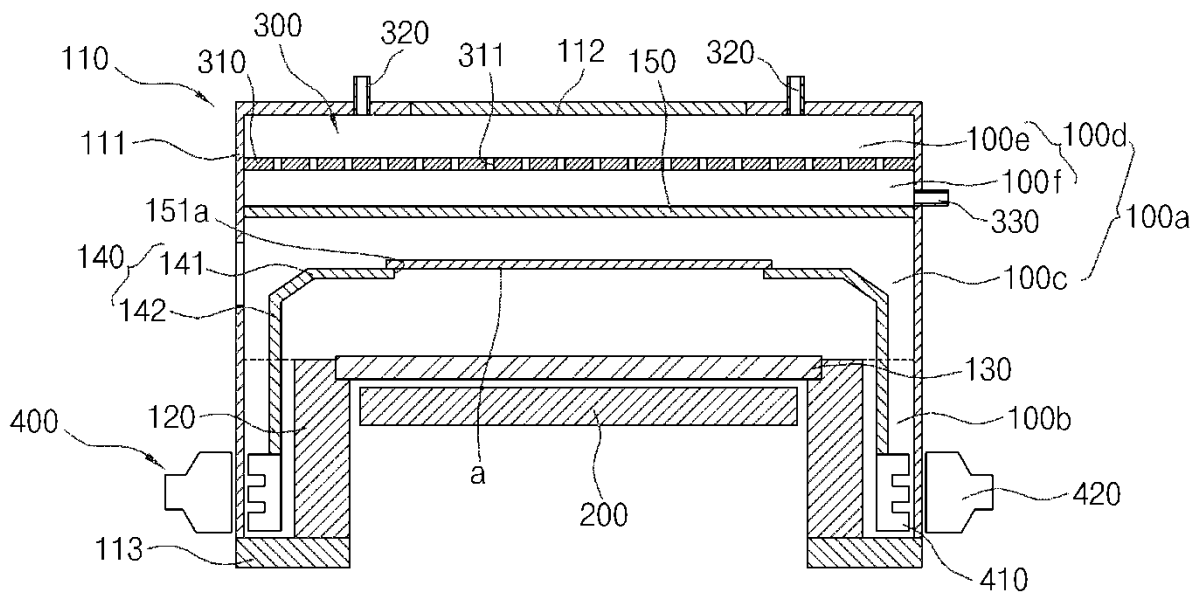


FIG. 2

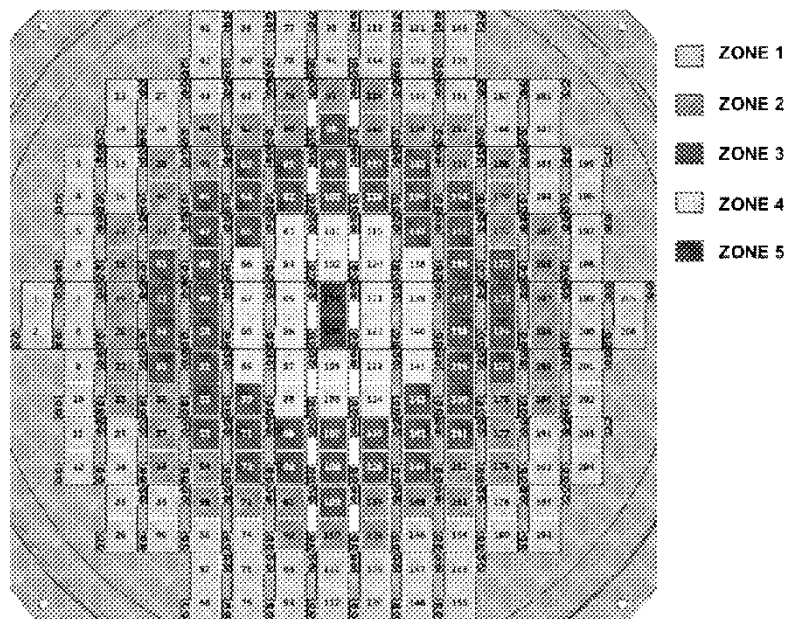


FIG. 3

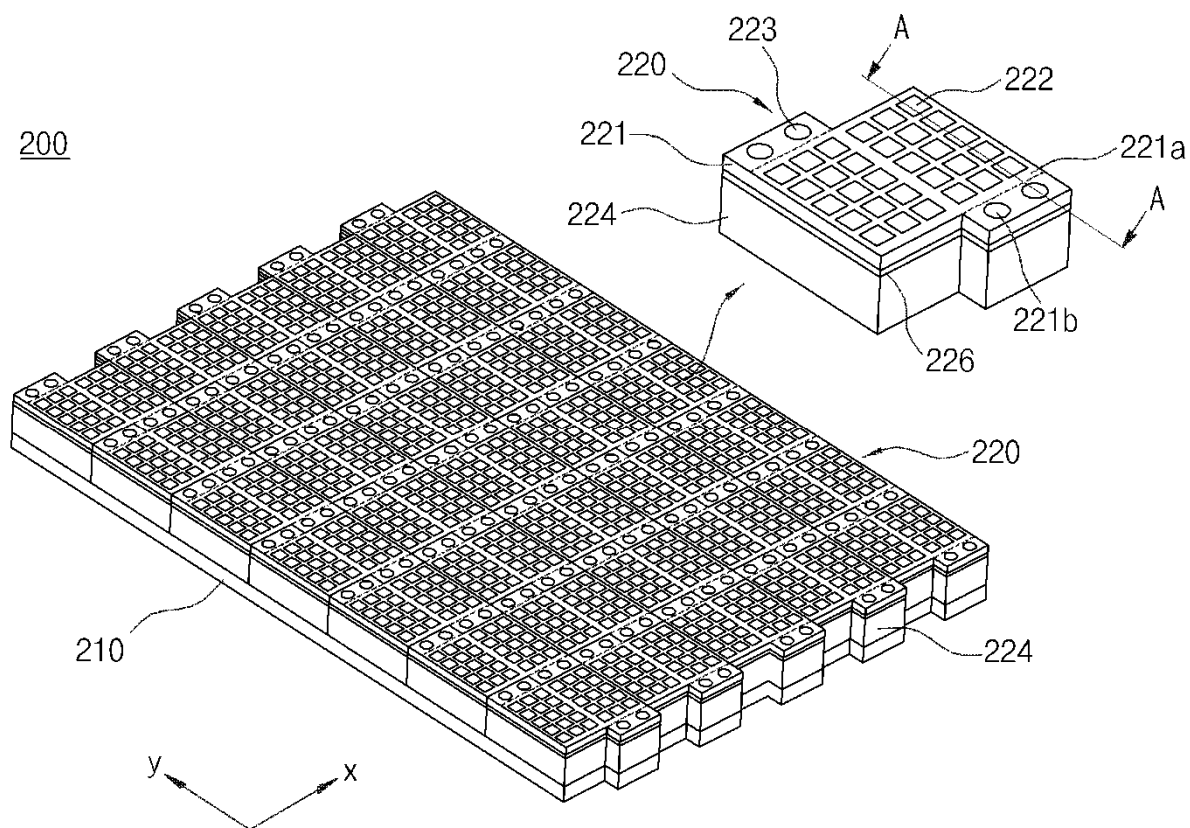


FIG. 4

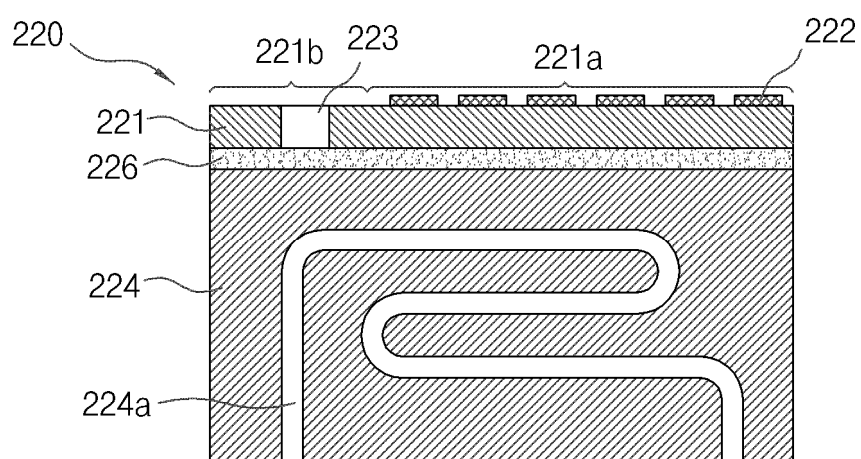


FIG. 5

GATE VALVE

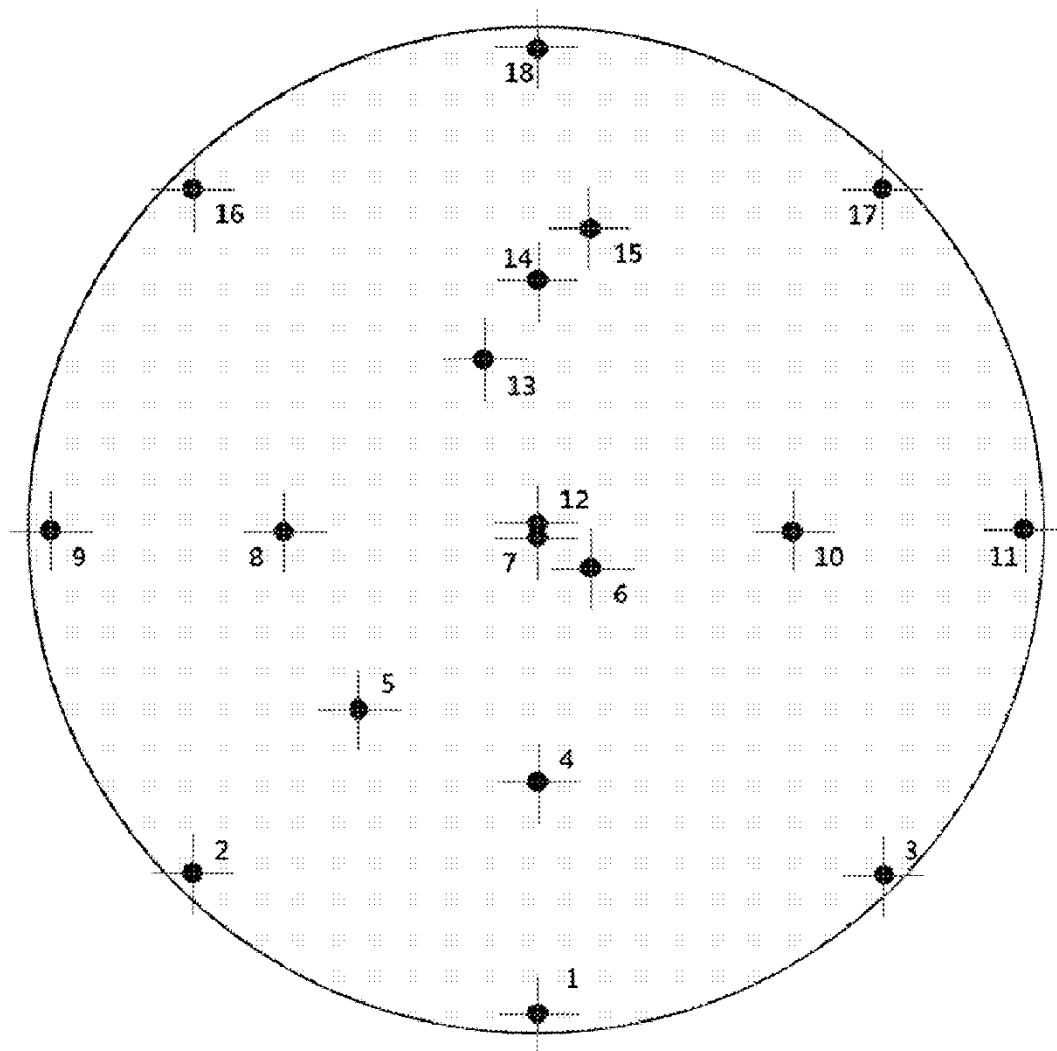


FIG. 6

Time(s)	I #7	P #7	I #8	P #8	I #9	P #9
20.0	0.921	11.1	0.921	10.1	0.923	27.5
20.2	0.931	11.8	0.931	10.7	0.933	28.2
33.0	1.514	61.8	1.514	59.3	1.524	83.7
33.2	1.524	62.7	1.524	60.2	1.533	84.6
40.8	1.871	93.0	1.871	89.9	1.872	117.8
41.0	1.879	93.7	1.880	90.6	1.882	118.6
51.8	2.371	136.0	2.372	132.2	2.381	165.6
52.0	2.382	136.9	2.382	133.0	2.391	166.5
64.0	2.930	183.5	2.930	178.7	2.938	218.0
64.2	2.940	184.2	2.940	179.4	2.948	218.8
71.8	3.286	212.6	3.285	207.3	3.286	250.3
72.0	3.295	213.2	3.295	208.0	3.296	251.1
80.0	3.657	242.5	3.657	236.3	3.665	283.0
80.2	3.666	243.2	3.667	237.0	3.674	283.7
90.0	4.116	276.8	4.116	269.9	4.123	321.0
90.2	4.124	277.5	4.125	270.6	4.133	321.8
100.0	4.573	309.1	4.574	301.4	4.574	356.2
100.2	4.583	309.7	4.583	302.1	4.585	356.9
110.0	5.035	338.5	5.035	330.3	5.035	387.7
110.2	5.045	339.1	5.045	330.8	5.044	388.3
120.0	5.515	363.6	5.514	355.4	5.537	414.4
120.2	5.534	364.1	5.530	355.8	5.525	414.9

FIG. 7

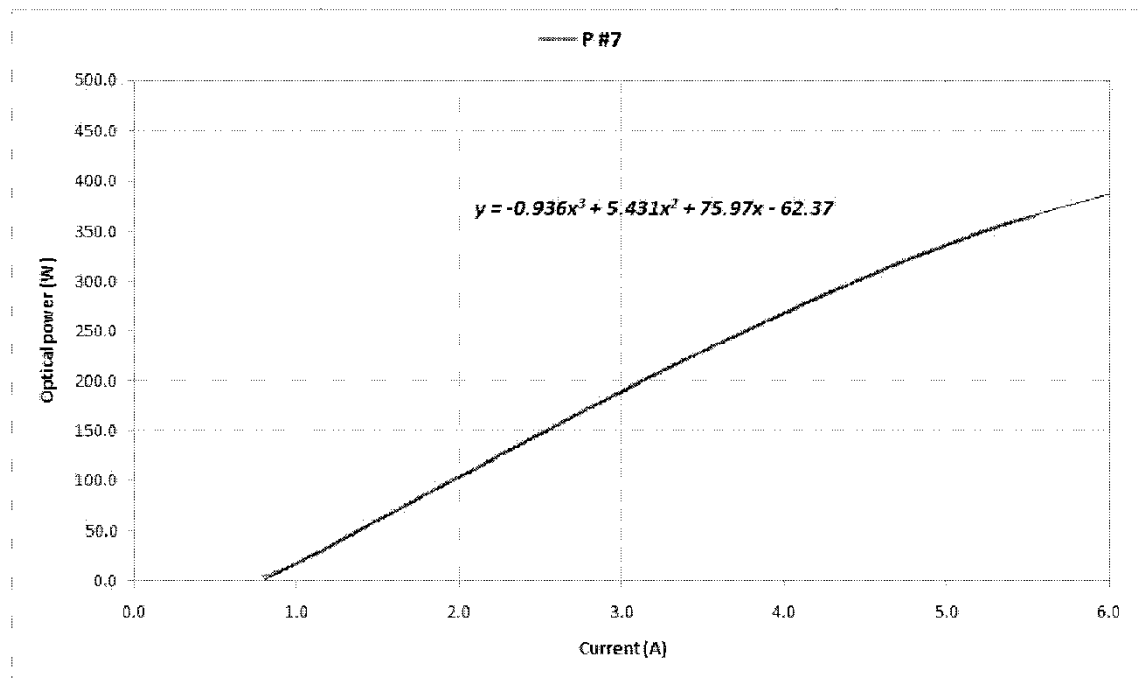


FIG. 8

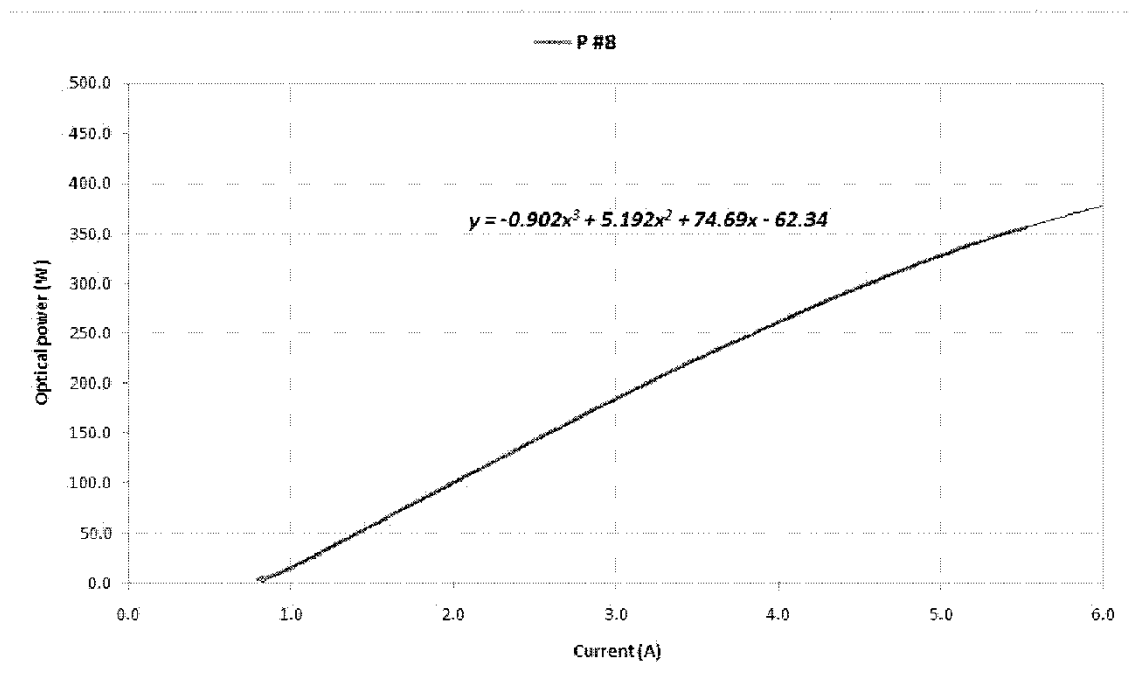


FIG. 9

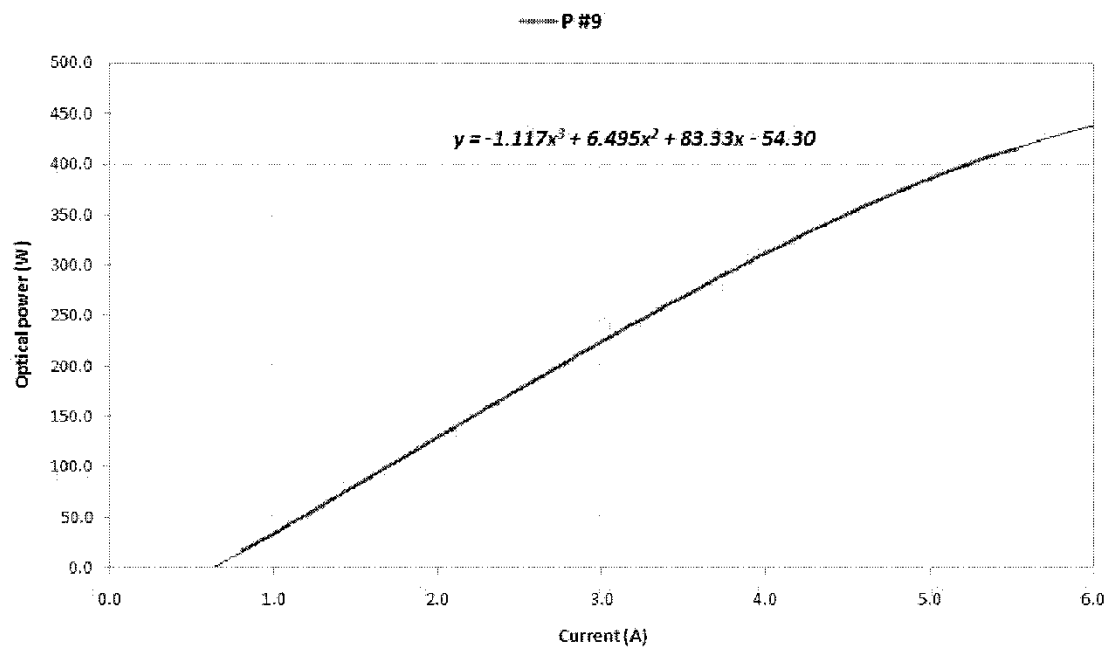


FIG. 10

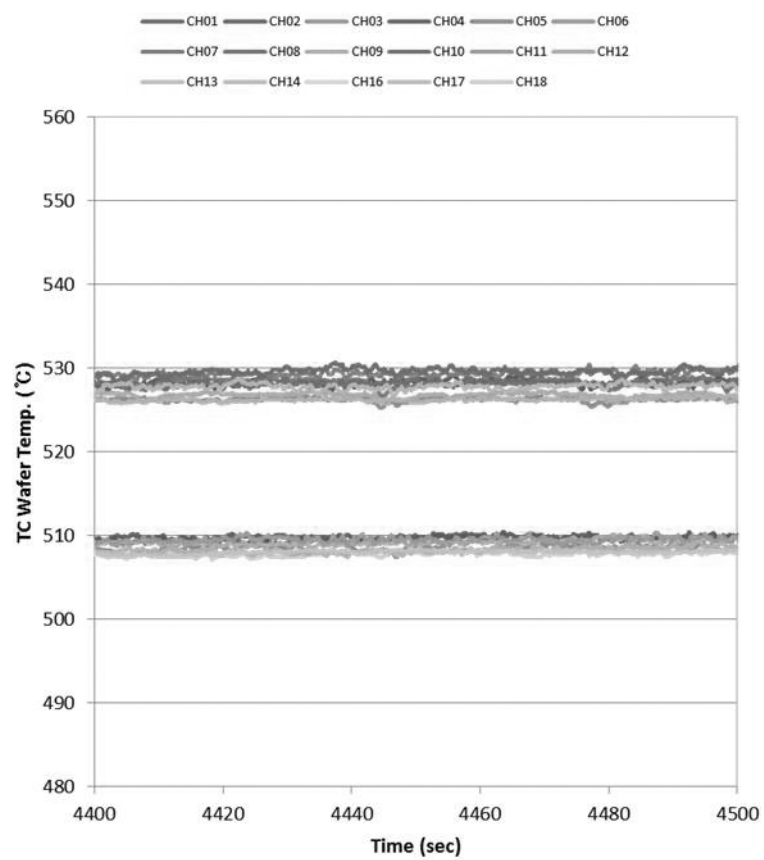


FIG. 11

