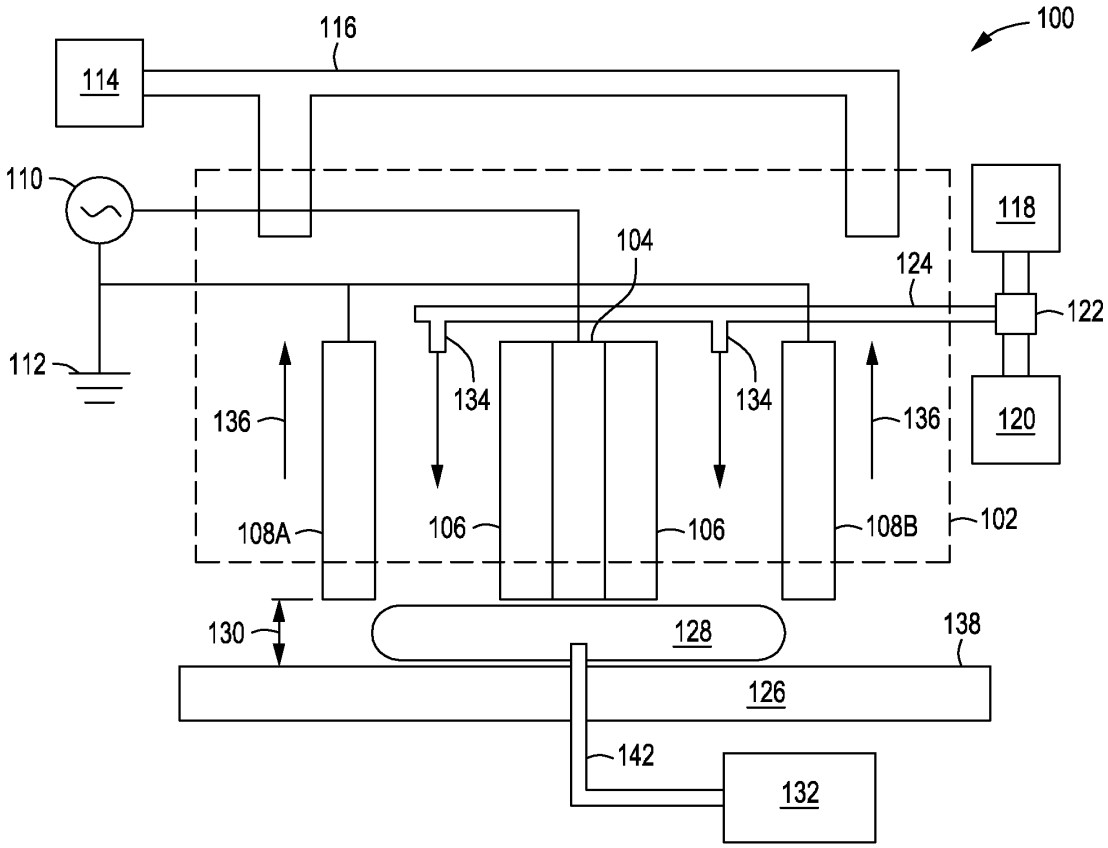

100
116
114
110
118
104
124
122
112
134
134
136
136
120
108A
106
106
108B
102
130
128
138
126
142
132

FIG. 1

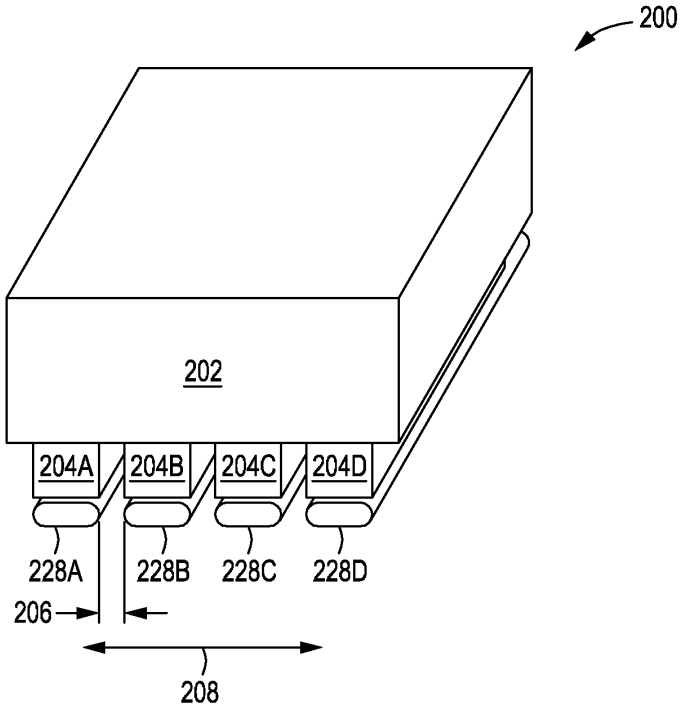

200
202
204A
204B
204C
204D
228A
228B
228C
228D
206
208

FIG. 2

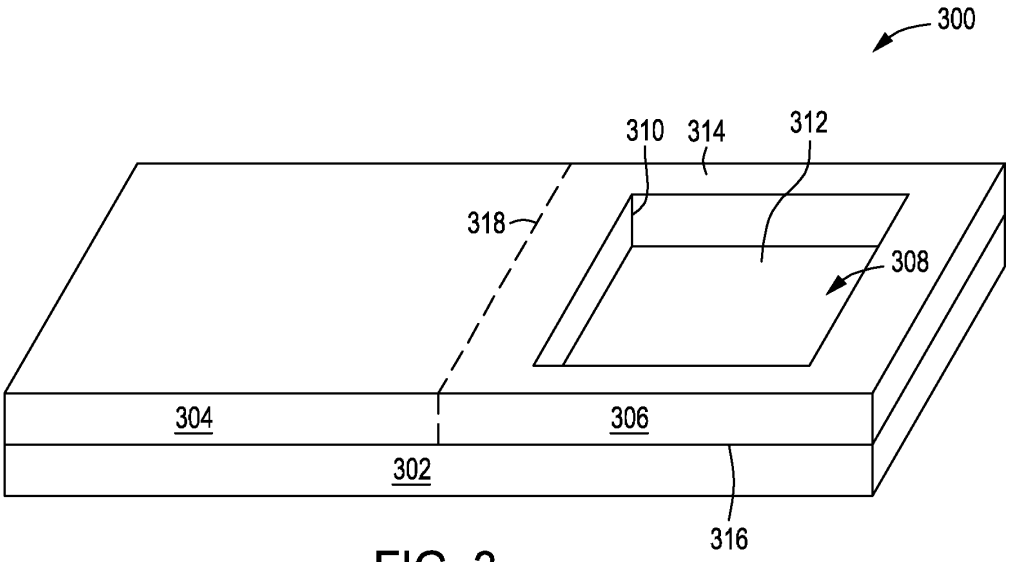

300
310
314
312
318
308
304
306
302
316

FIG. 3

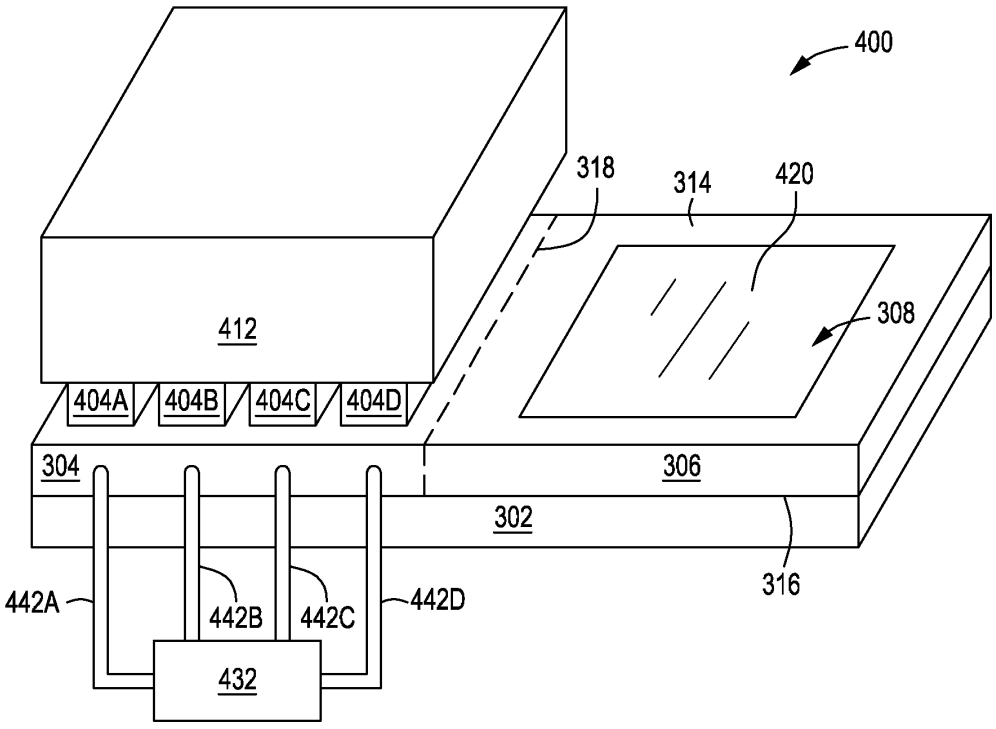

400
318
314
420
412
308
404A
404B
404C
404D
304
306
302
316
442A
442B
442C
442D
432

FIG. 4

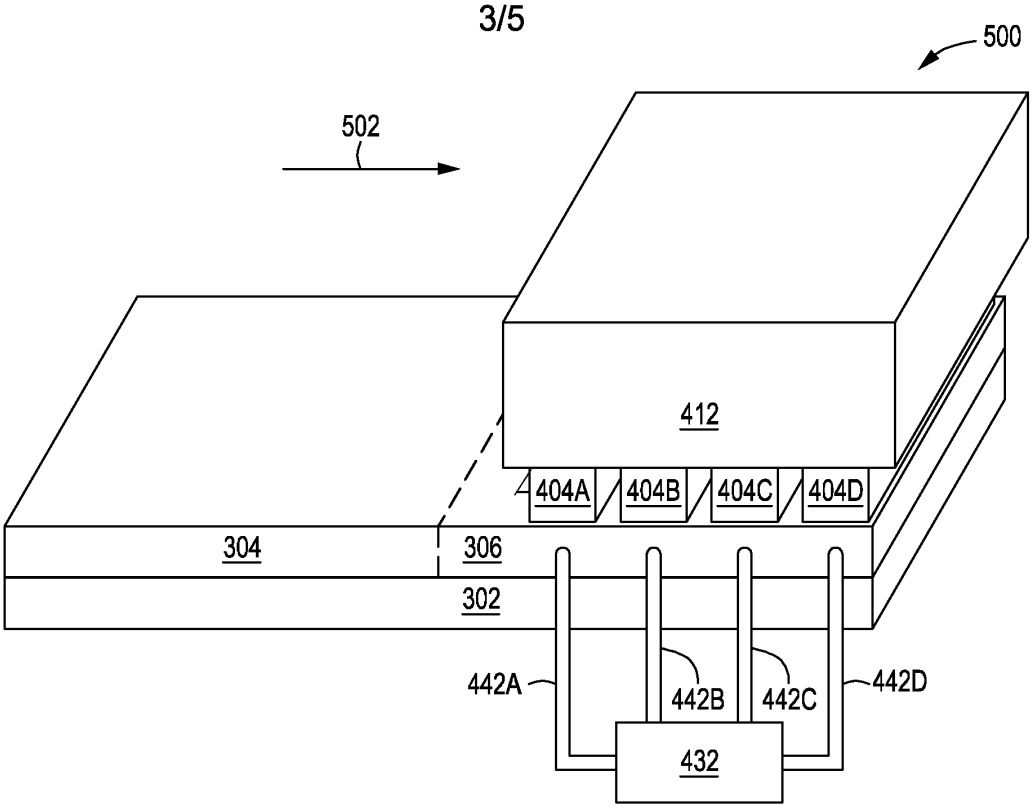

500
502
412
404A
404B
404C
404D
304
306
302
442A
442B
442C
442D
432

FIG. 5

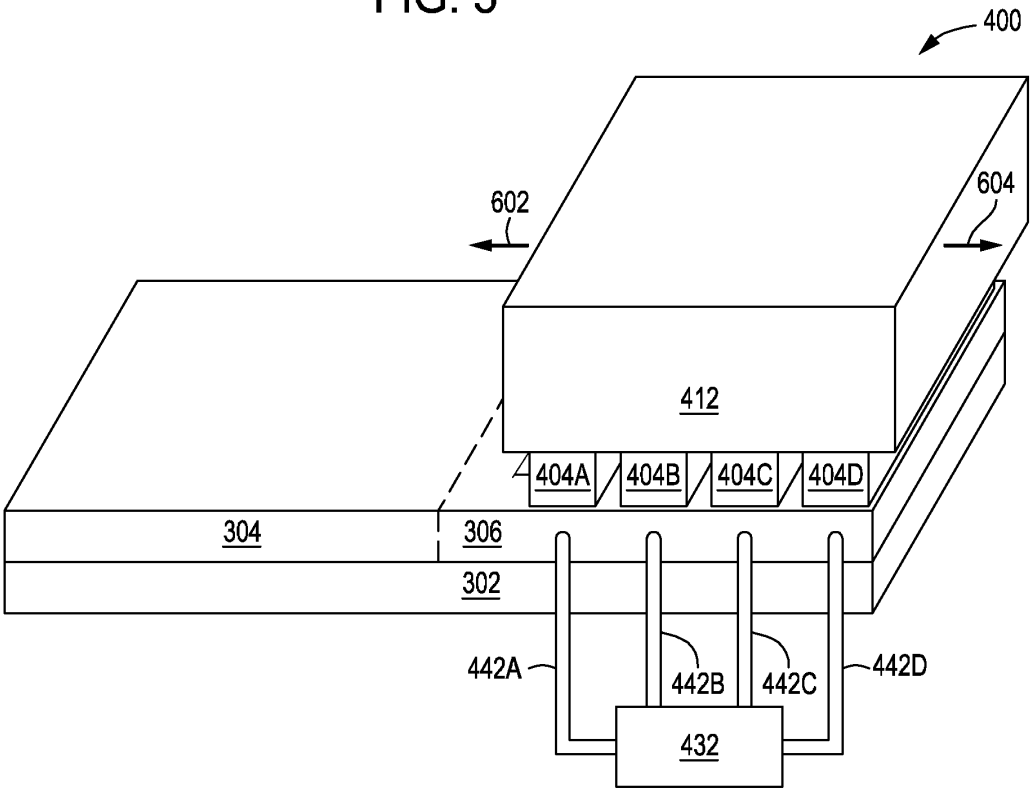

400
602
604
412
404A
404B
404C
404D
304
306
302
442A
442B
442C
442D
432

FIG. 6

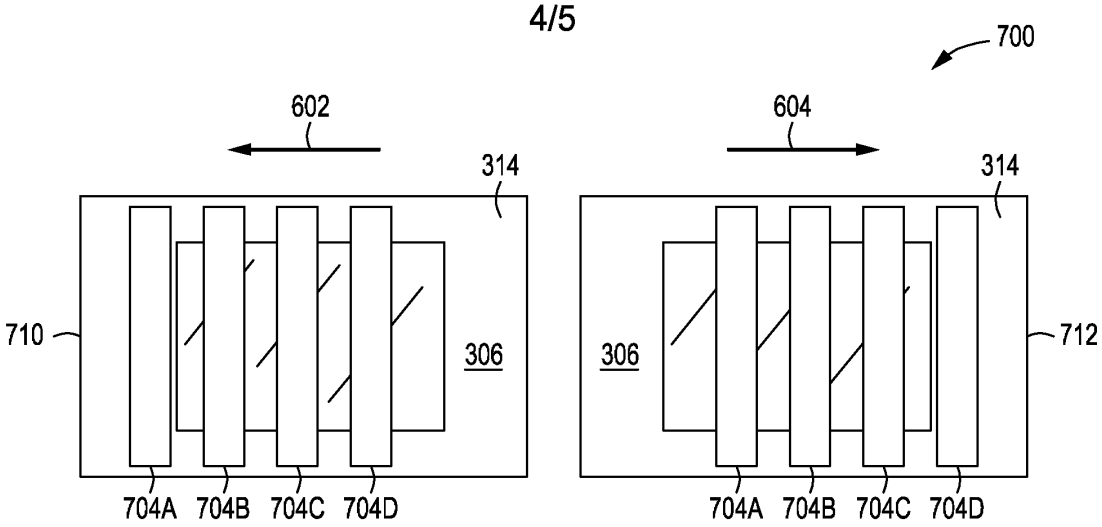

700
602
604
314
314
710
306
306
712
704A
704B
704C
704D
704A
704B
704C
704D

FIG. 7

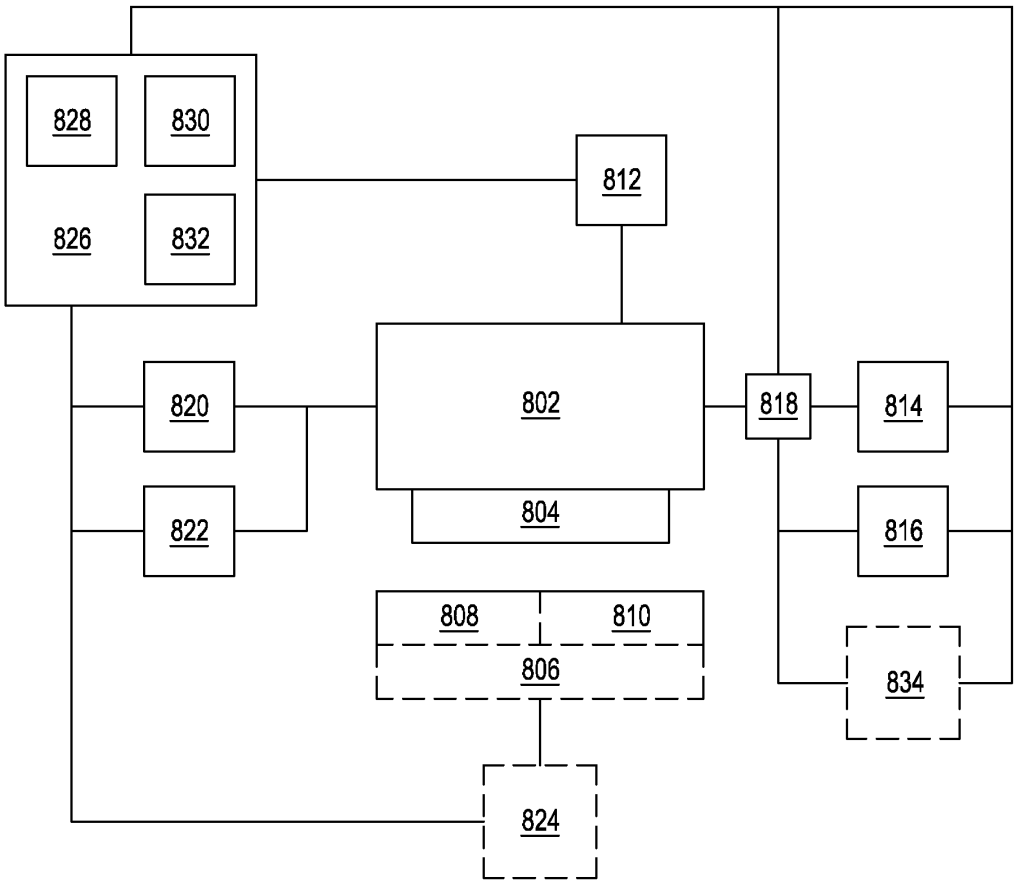

828
830
826
832
812
820
802
818
814
822
804
816
808
810
806
834
824

FIG. 8

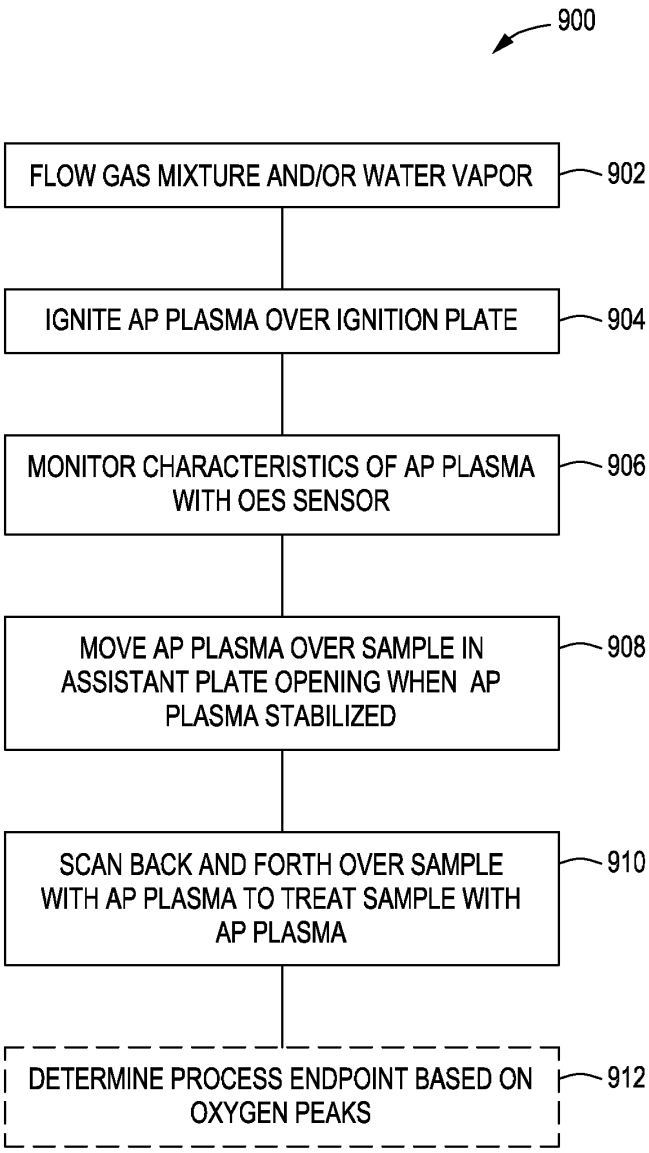

900
FLOW GAS MIXTURE AND/OR WATER VAPOR
902
IGNITE AP PLASMA OVER IGNITION PLATE
904
MONITOR CHARACTERISTICS OF AP PLASMA WITH OES SENSOR
906
MOVE AP PLASMA OVER SAMPLE IN ASSISTANT PLATE OPENING WHEN AP PLASMA STABILIZED
908
SCAN BACK AND FORTH OVER SAMPLE WITH AP PLASMA TO TREAT SAMPLE WITH AP PLASMA
910
DETERMINE PROCESS ENDPOINT BASED ON OXYGEN PEAKS
912

FIG. 9