FIG. 1

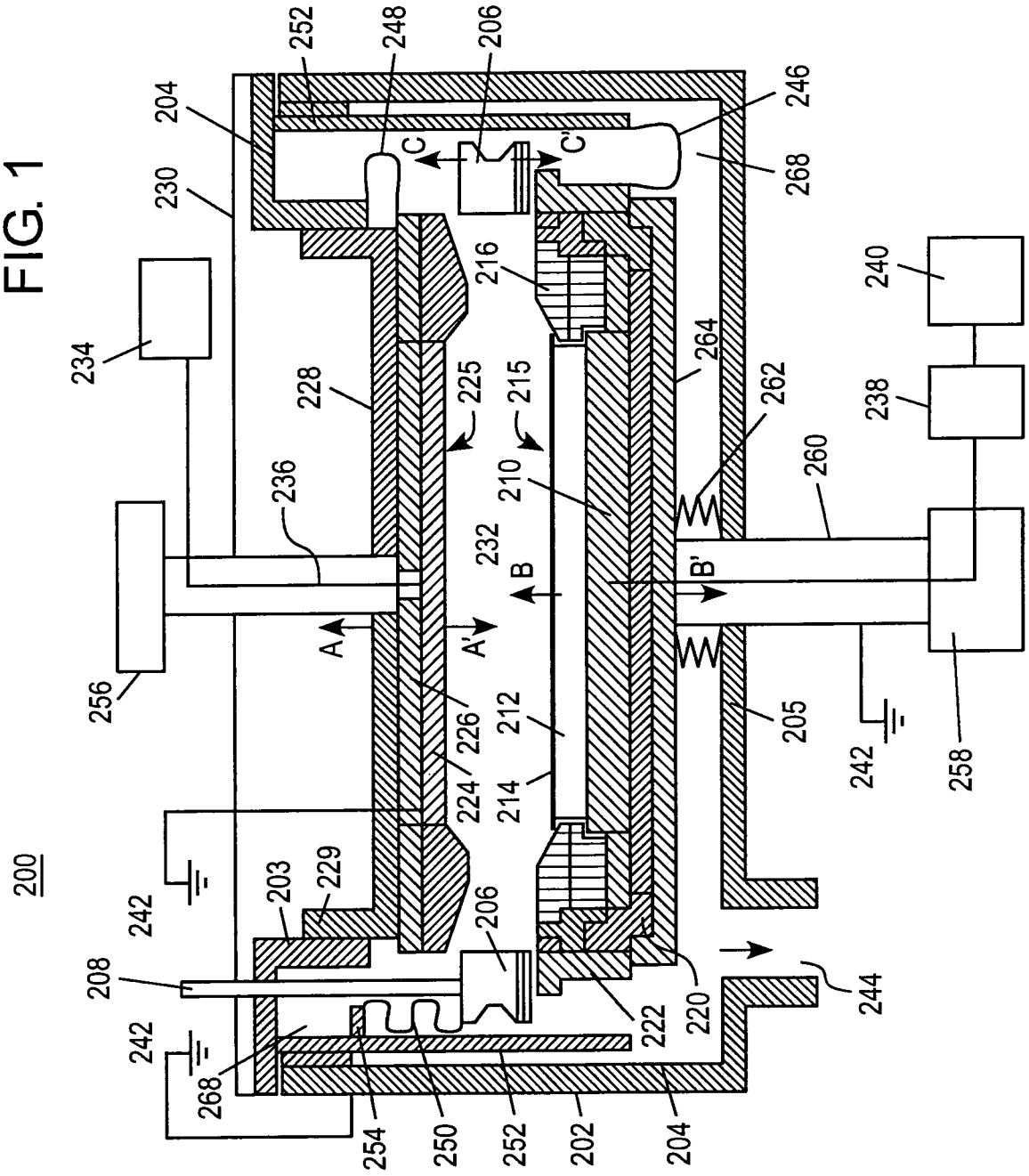

200
252
248
206
204
246
C
C'
230
268
216
240
234
264
228
225
215
262
238
236
210
260
232
B
B'
A
A'
256
226
212
205
242
258
224
214
203
229
206
208
242
222
220
244
242
268
254
250
252
202
204

FIG. 2

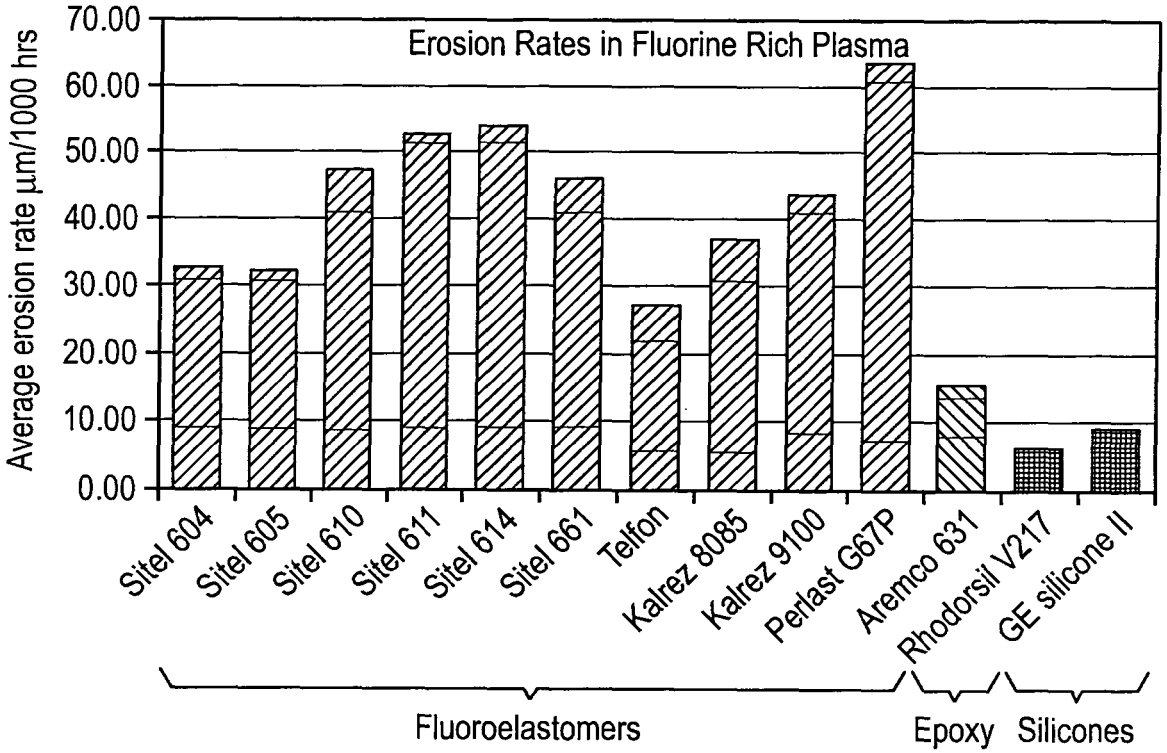
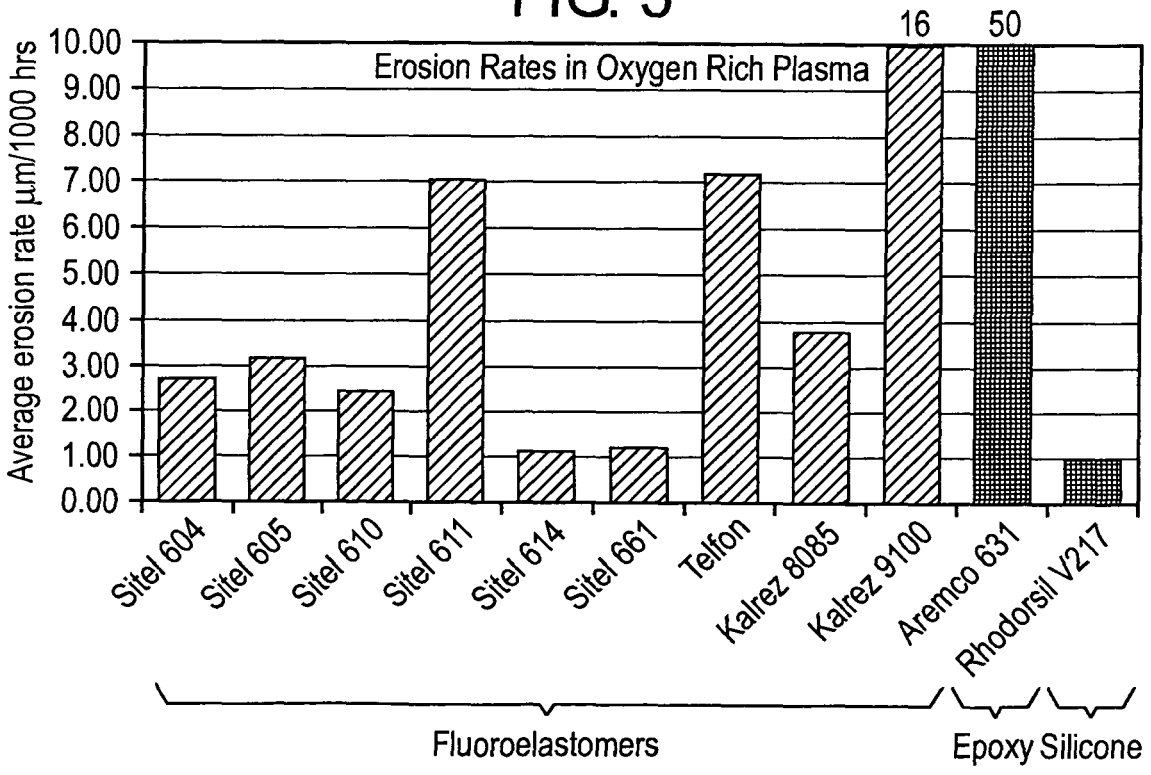

Erosion Rates in Fluorine Rich Plasma
Average erosion rate µm/1000 hrs
70.00
60.00
50.00
40.00
30.00
20.00
10.00
0.00
Sitel 604
Sitel 605
Sitel 610
Sitel 611
Sitel 614
Sitel 661
Telfon
Kalrez 8085
Kalrez 9100
Perlast G67P
Aremco 631
Rhodorsil V217
GE silicone II
Fluoroelastomers
Epoxy
Silicones

FIG. 3


Erosion Rates in Oxygen Rich Plasma
16
50
Average erosion rate µm/1000 hrs
10.00
9.00
8.00
7.00
6.00
5.00
4.00
3.00
2.00
1.00
0.00
Sitel 604
Sitel 605
Sitel 610
Sitel 611
Sitel 614
Sitel 661
Telfon
Kalrez 8085
Kalrez 9100
Aremco 631
Rhodorsil V217
Fluoroelastomers
Epoxy Silicone

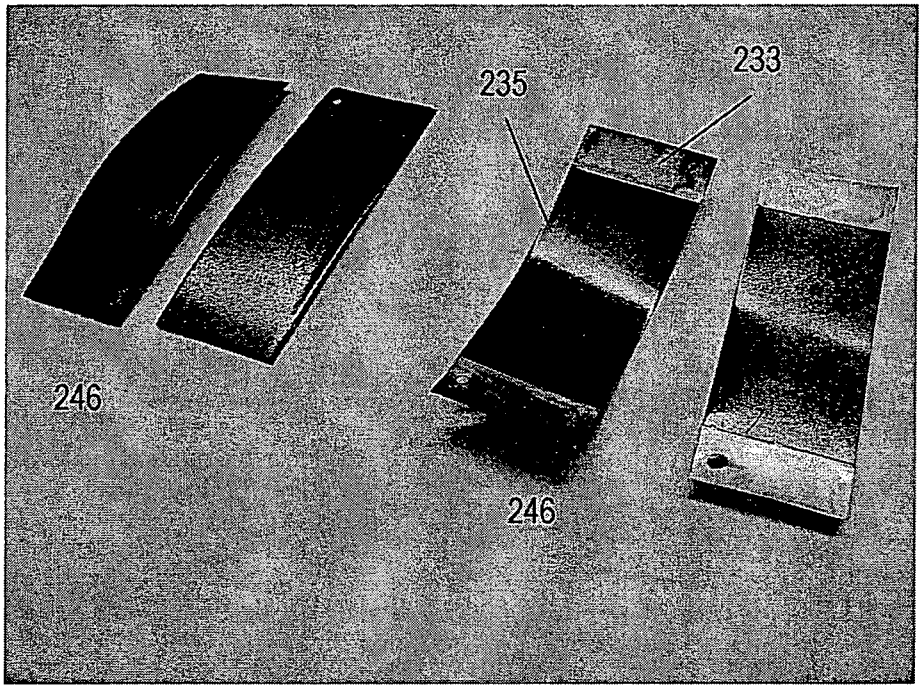


FIG. 4

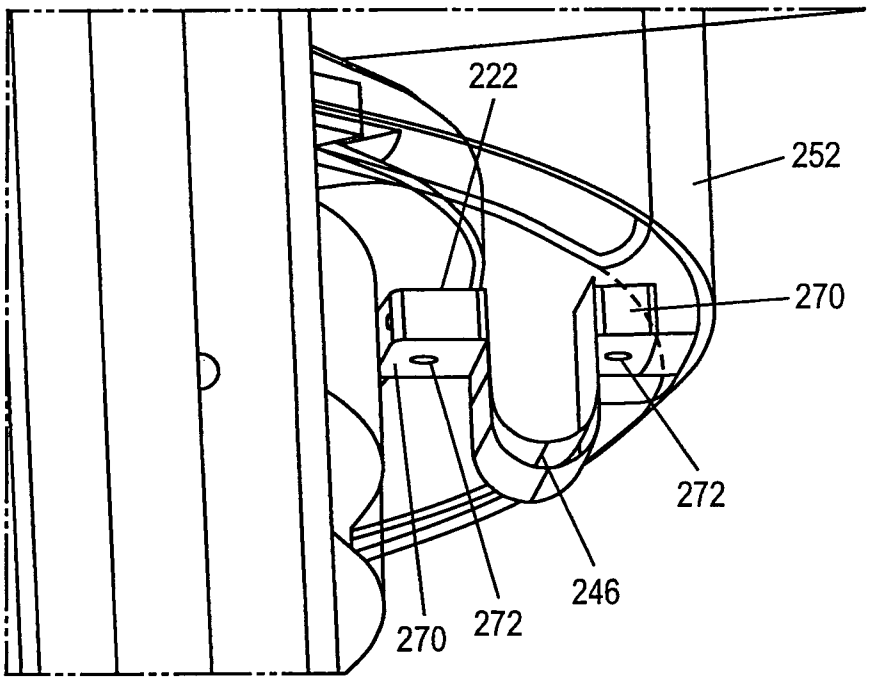


FIG. 5

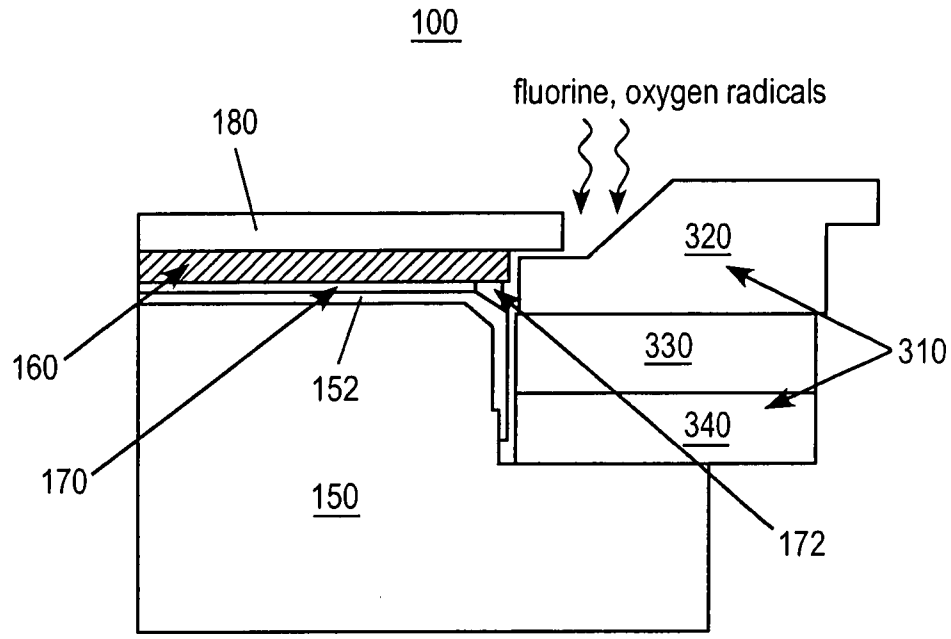

100
fluorine, oxygen radicals
180
320
330
310
160
152
340
170
150
172

FIG. 6

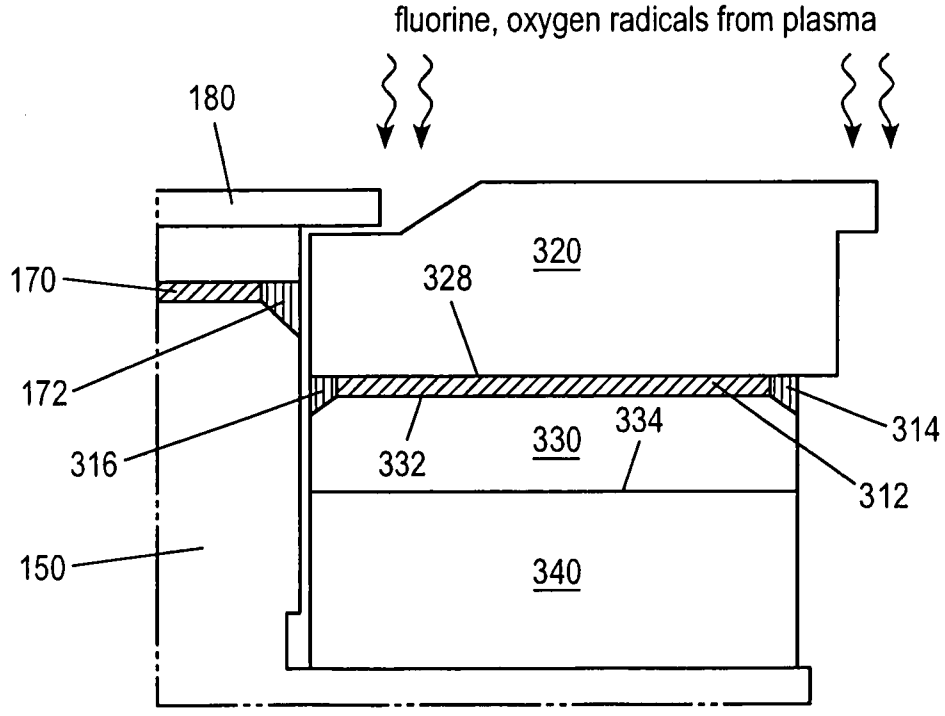

fluorine, oxygen radicals from plasma
180
320
170
328
172
314
334
316
330
332
312
150
340

FIG. 7