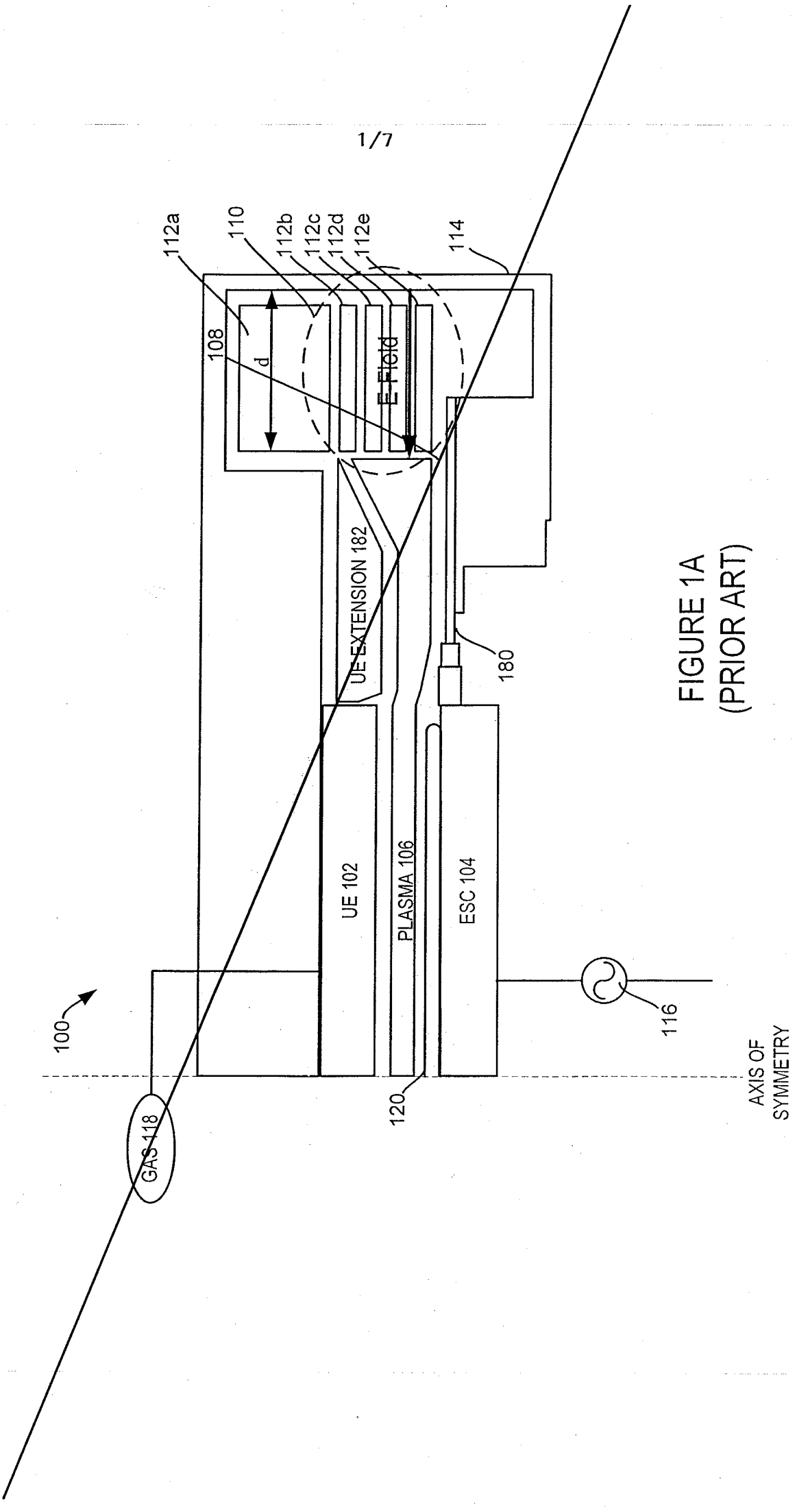


FIGURE 1A
(PRIOR ART)

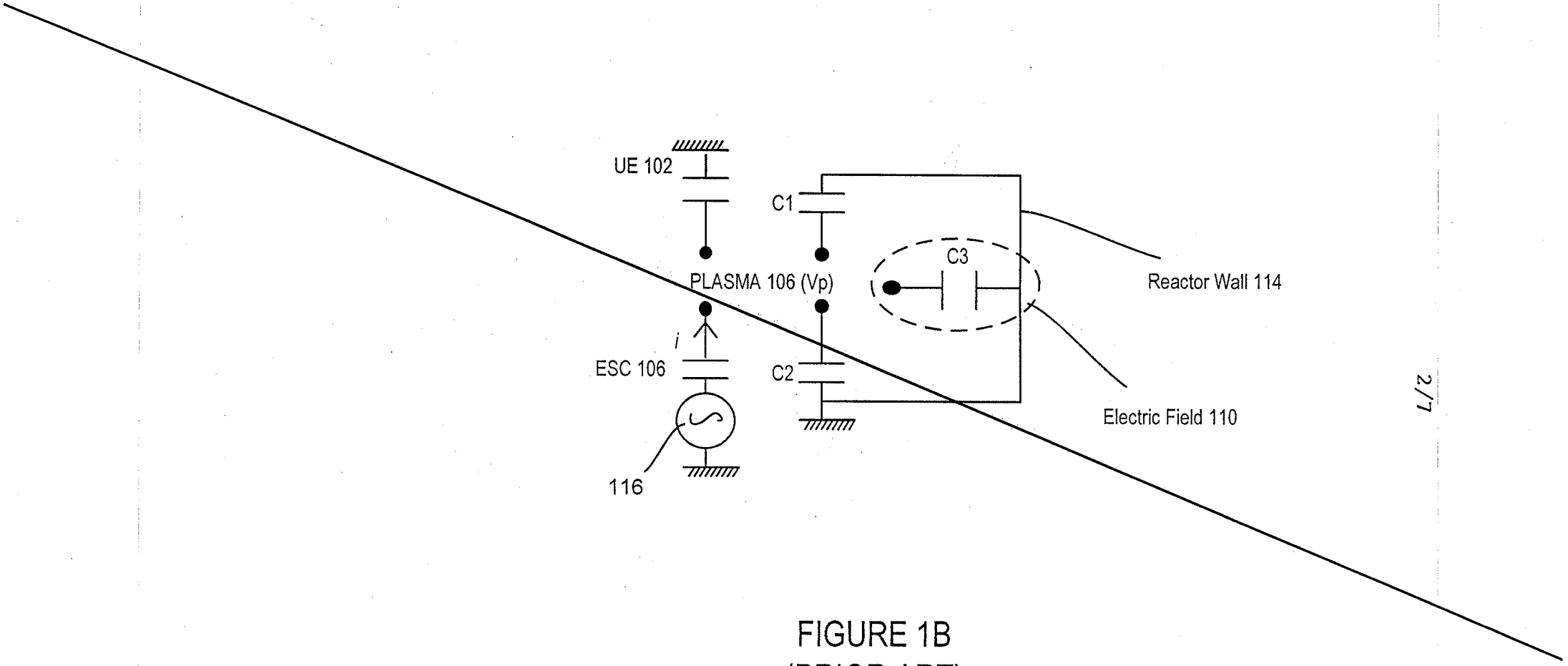


FIGURE 1B
(PRIOR ART)

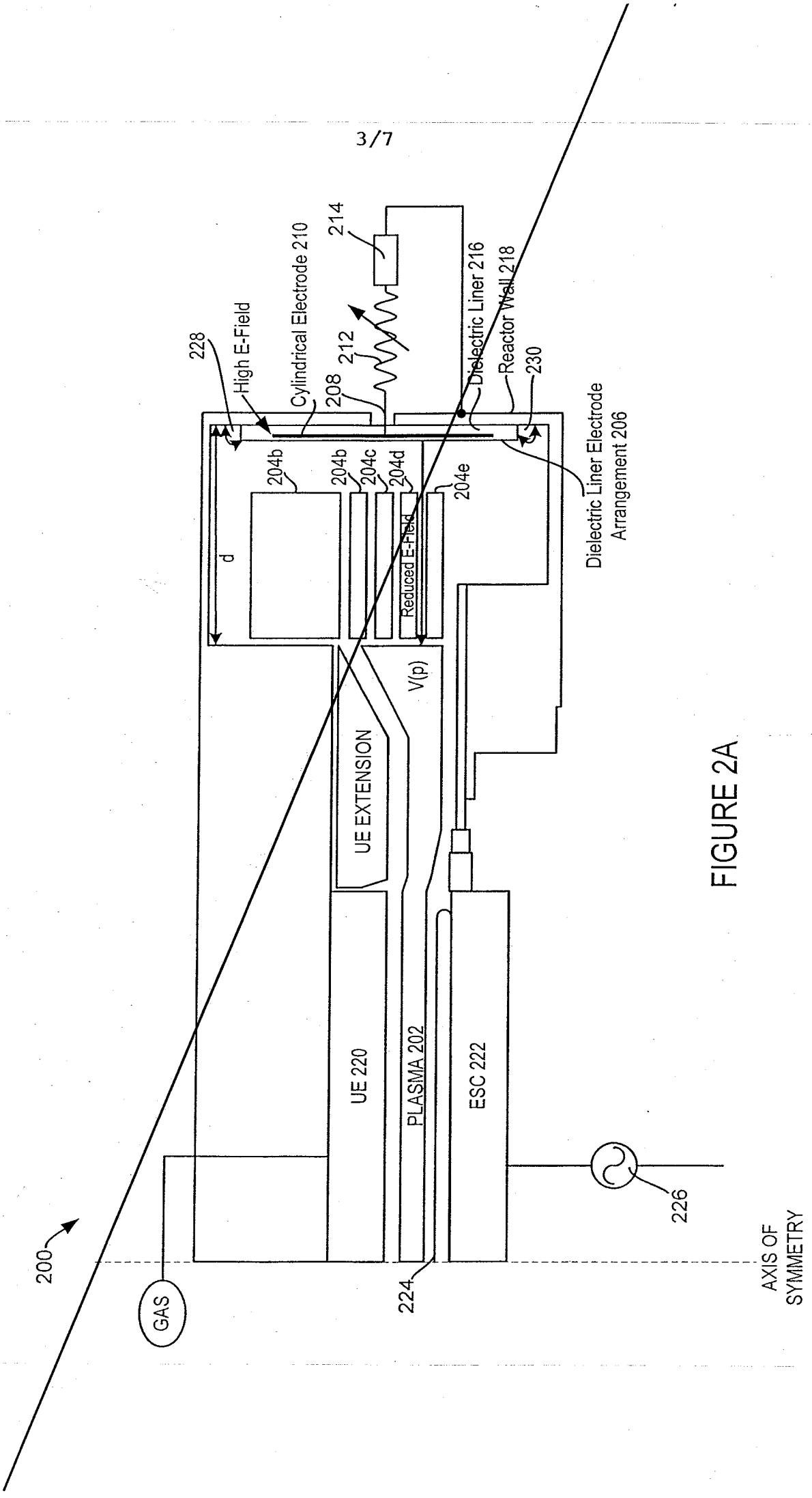

200
GAS
224
AXIS OF SYMMETRY
226
UE 220
PLASMA 202
ESC 222
UE EXTENSION
V(p)
d
Reduced E-Field
204b
204b
204c
204d
204e
228
High E-Field
Cylindrical Electrode 210
208
212
214
Dielectric Liner 216
Reactor Wall 218
230
Dielectric Liner Electrode Arrangement 206

FIGURE 2A

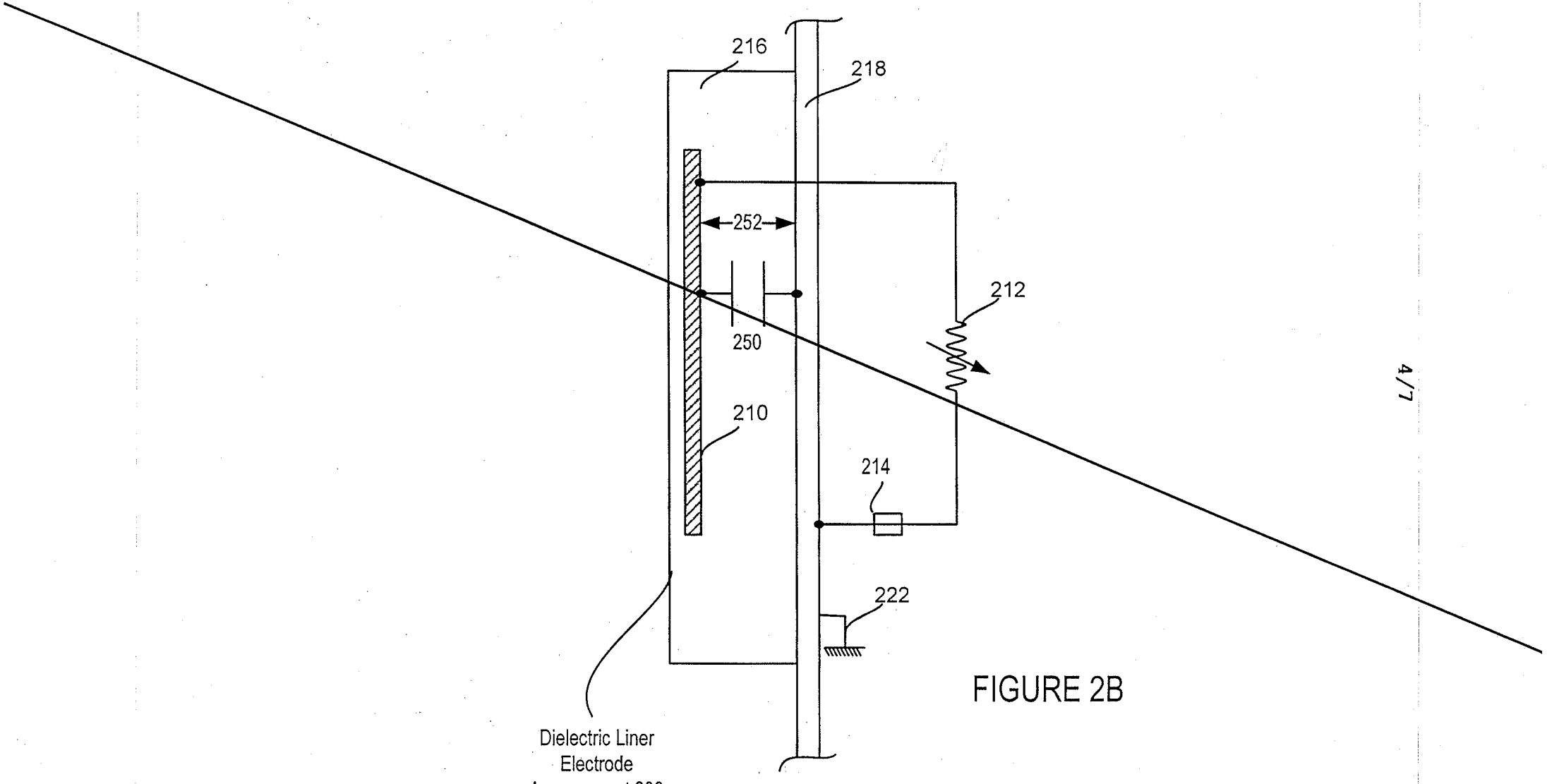

216
218
252
212
250
210
214
222
Dielectric Liner
Electrode
Arrangement 206

FIGURE 2B

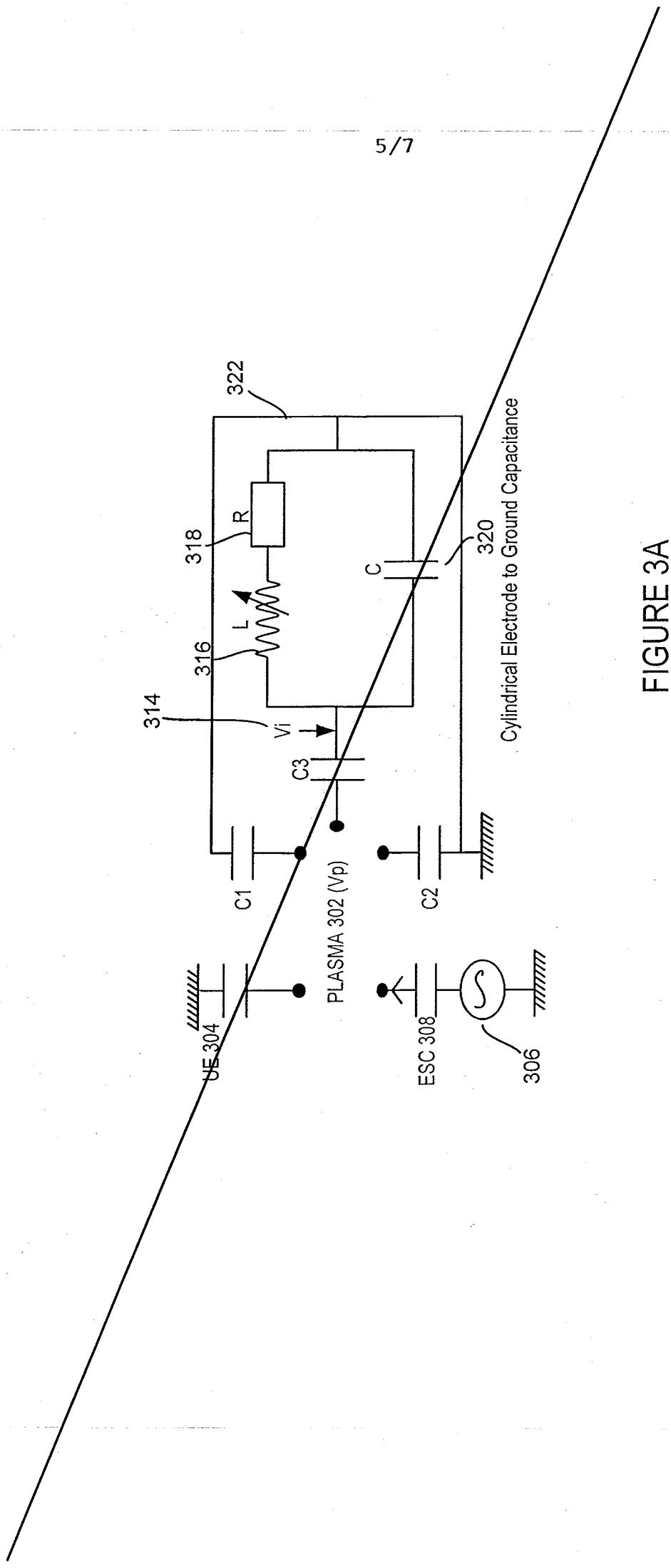

322
318
R
L
316
314
Vi
C3
C
320
Cylindrical Electrode to Ground Capacitance
C1
C2
PLASMA 302 (Vp)
UE 304
ESC 308
306

FIGURE 3A

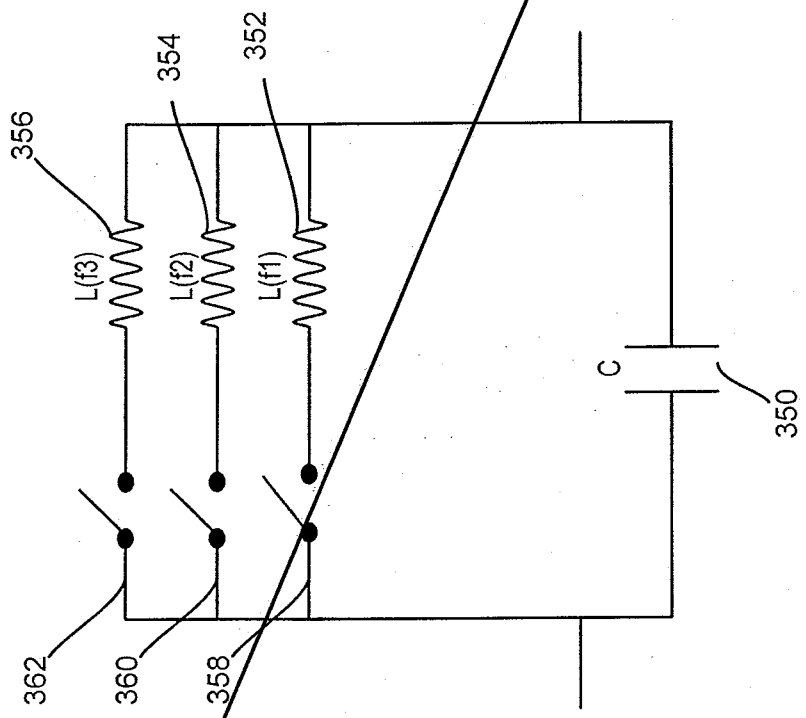


FIGURE 3B

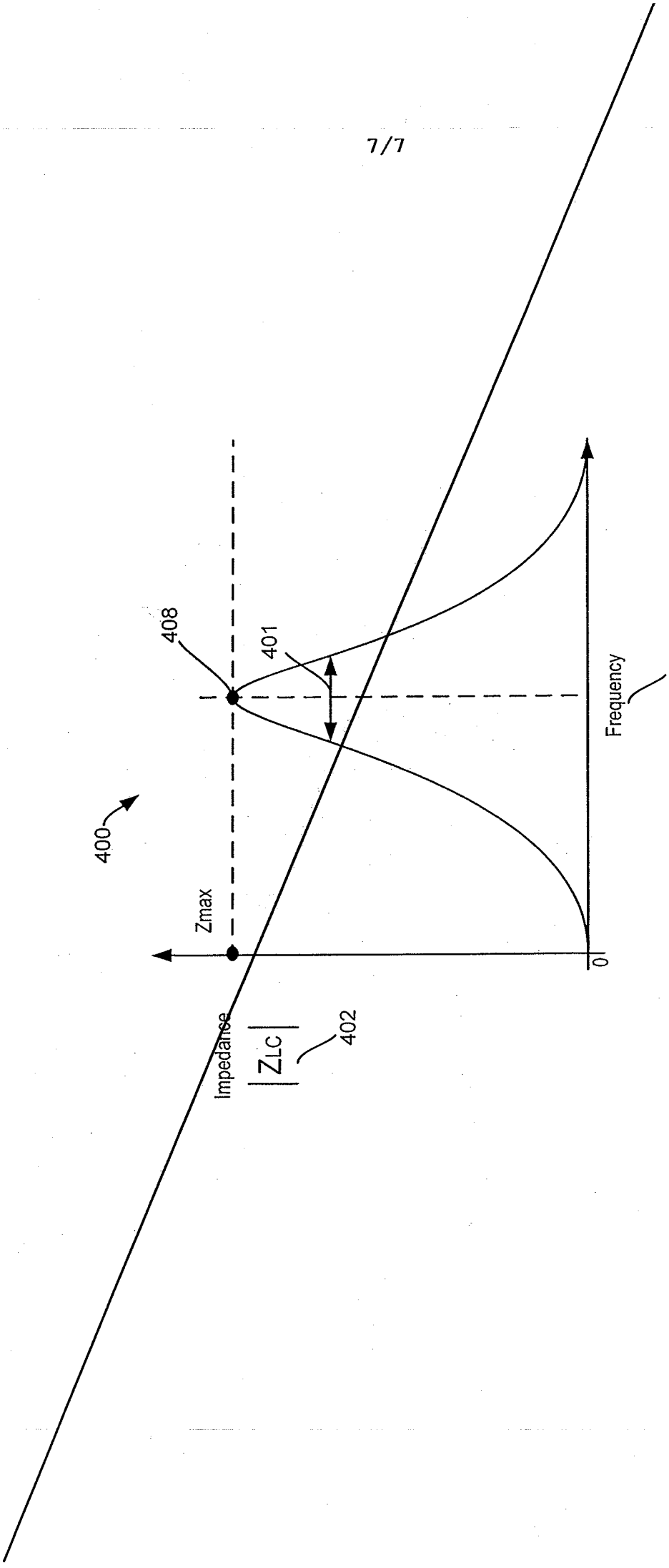


FIGURE 4

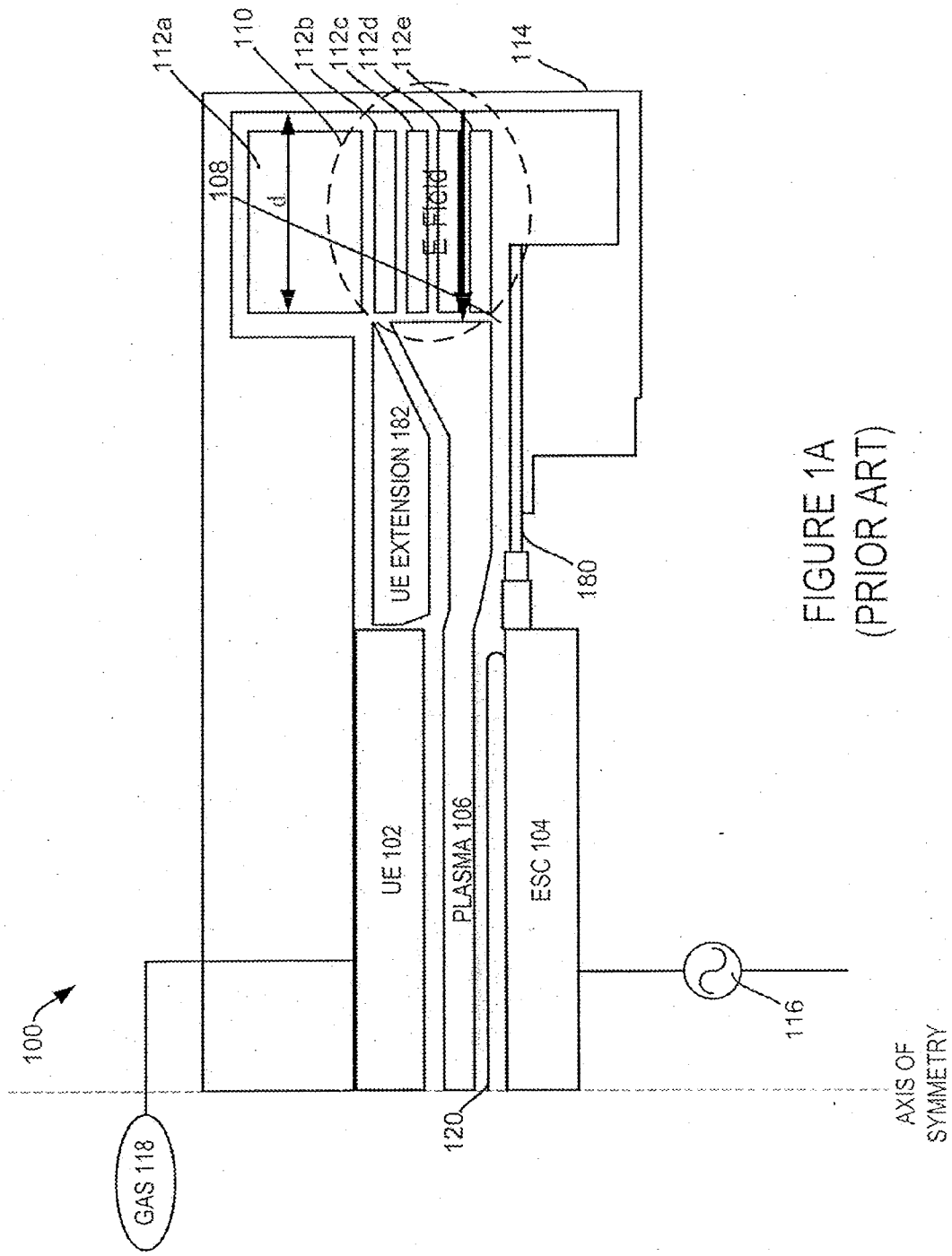


FIGURE 1A
(PRIOR ART)

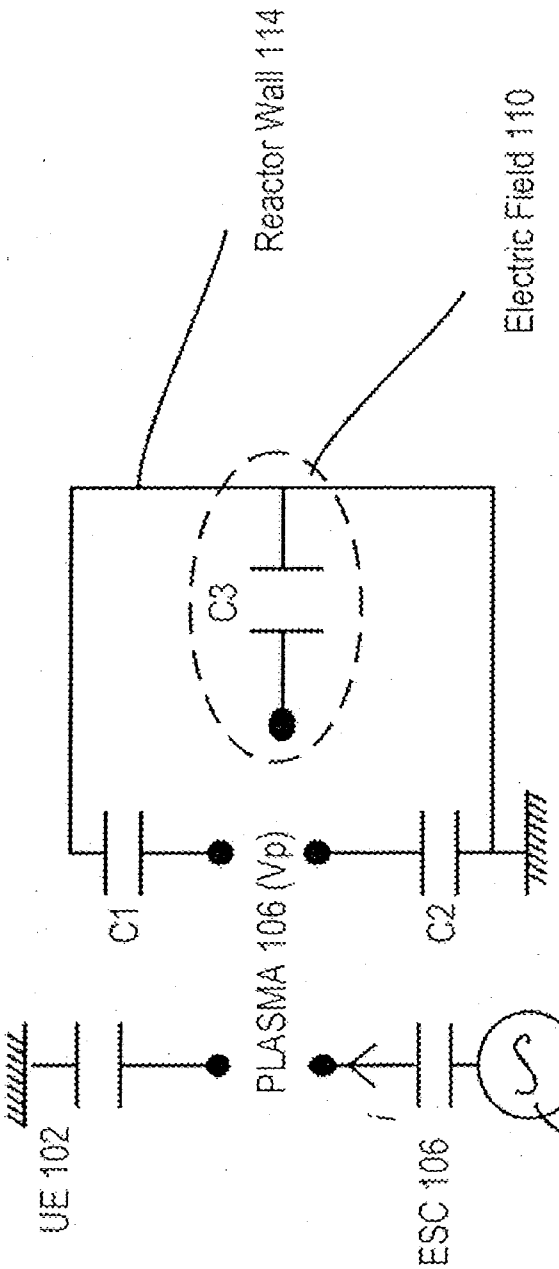


FIGURE 1B
(PRIOR ART)

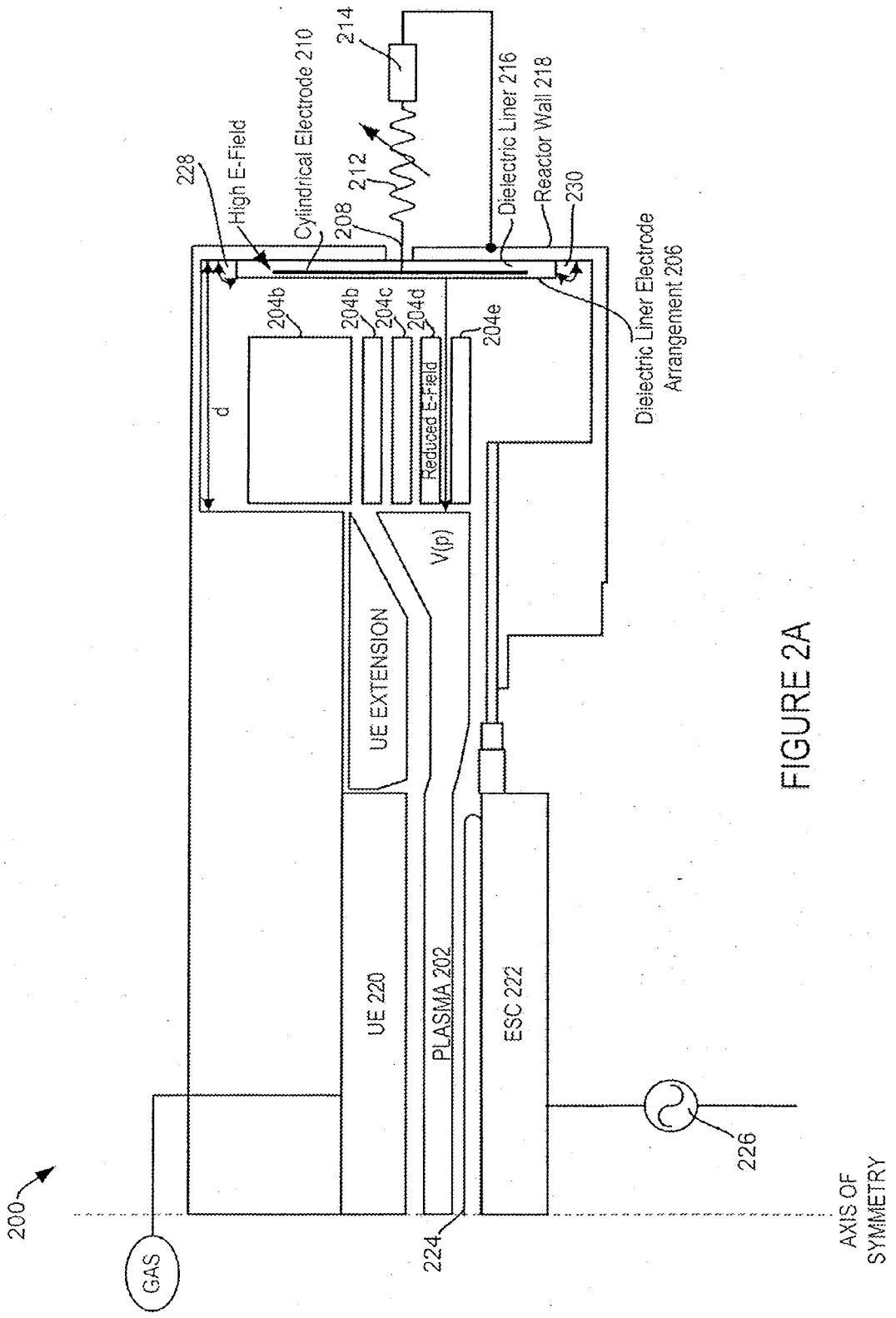

200
GAS
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ESC 222
UE EXTENSION
V(p)
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Reduced E-Field
204b
204b
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High E-Field
Cylindrical Electrode 210
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Reactor Wall 218
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Dielectric Liner Electrode Arrangement 206

FIGURE 2A

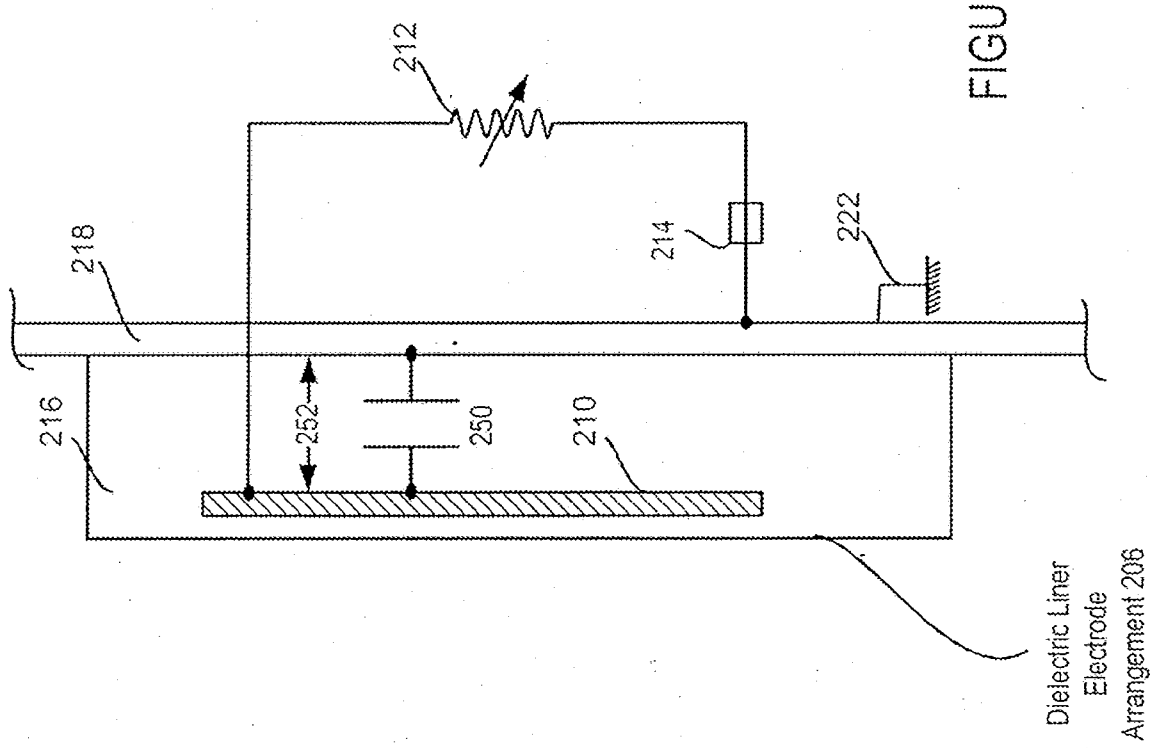

212
218
214
222
216
252
250
210
Dielectric Liner
Electrode
Arrangement 206

FIGURE 2B

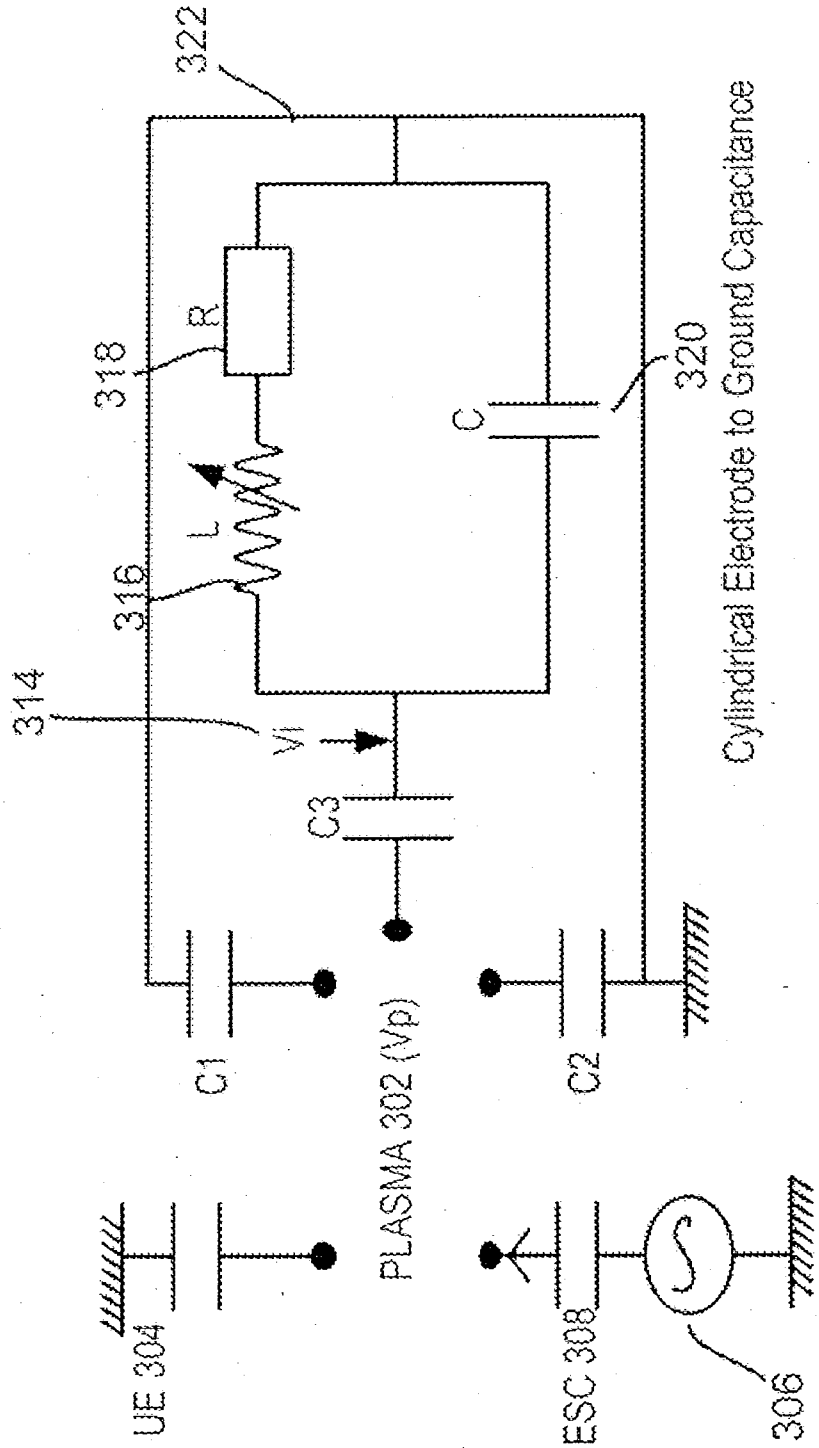

322
318
R
L
316
314
VI
C3
C1
C2
C
320
Cylindrical Electrode to Ground Capacitance
PLASMA 302 (Vp)
UE 304
ESC 308
306

FIGURE 3A

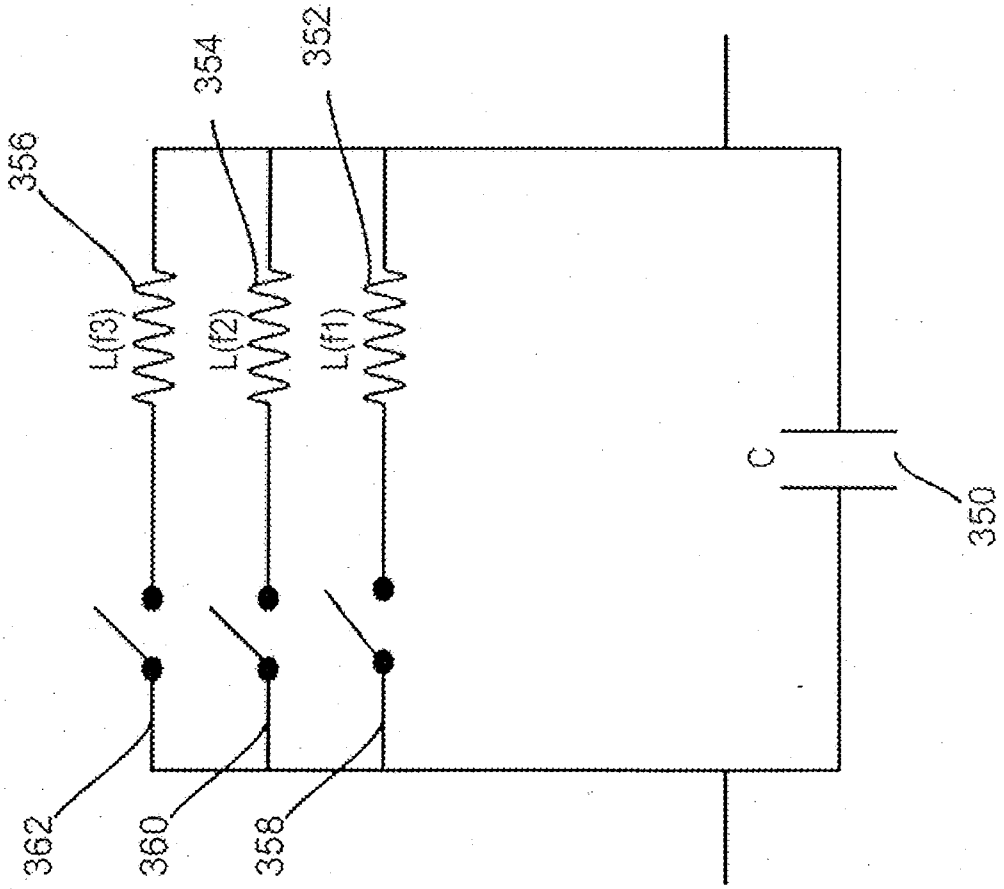


FIGURE 3B

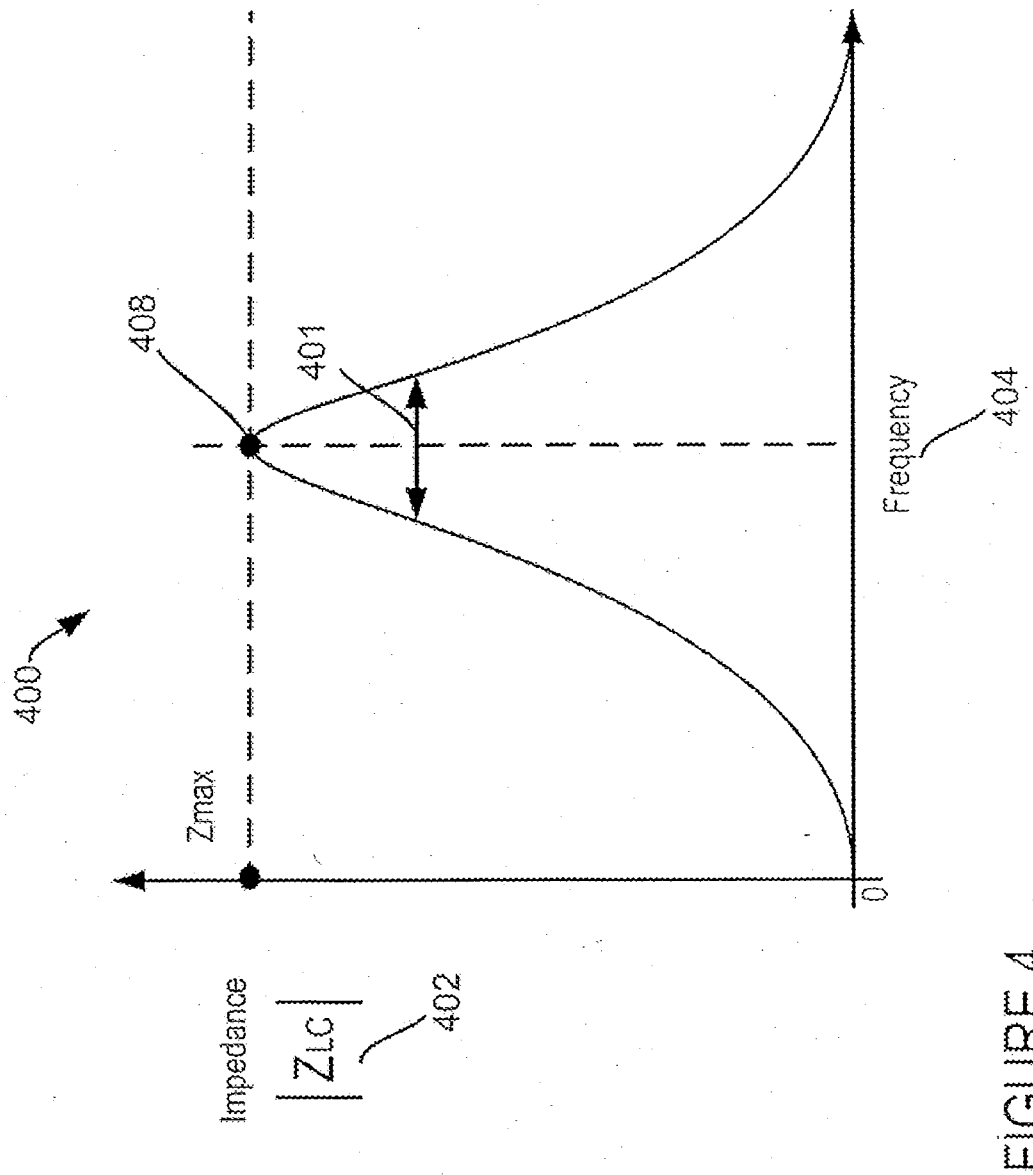


FIGURE 4