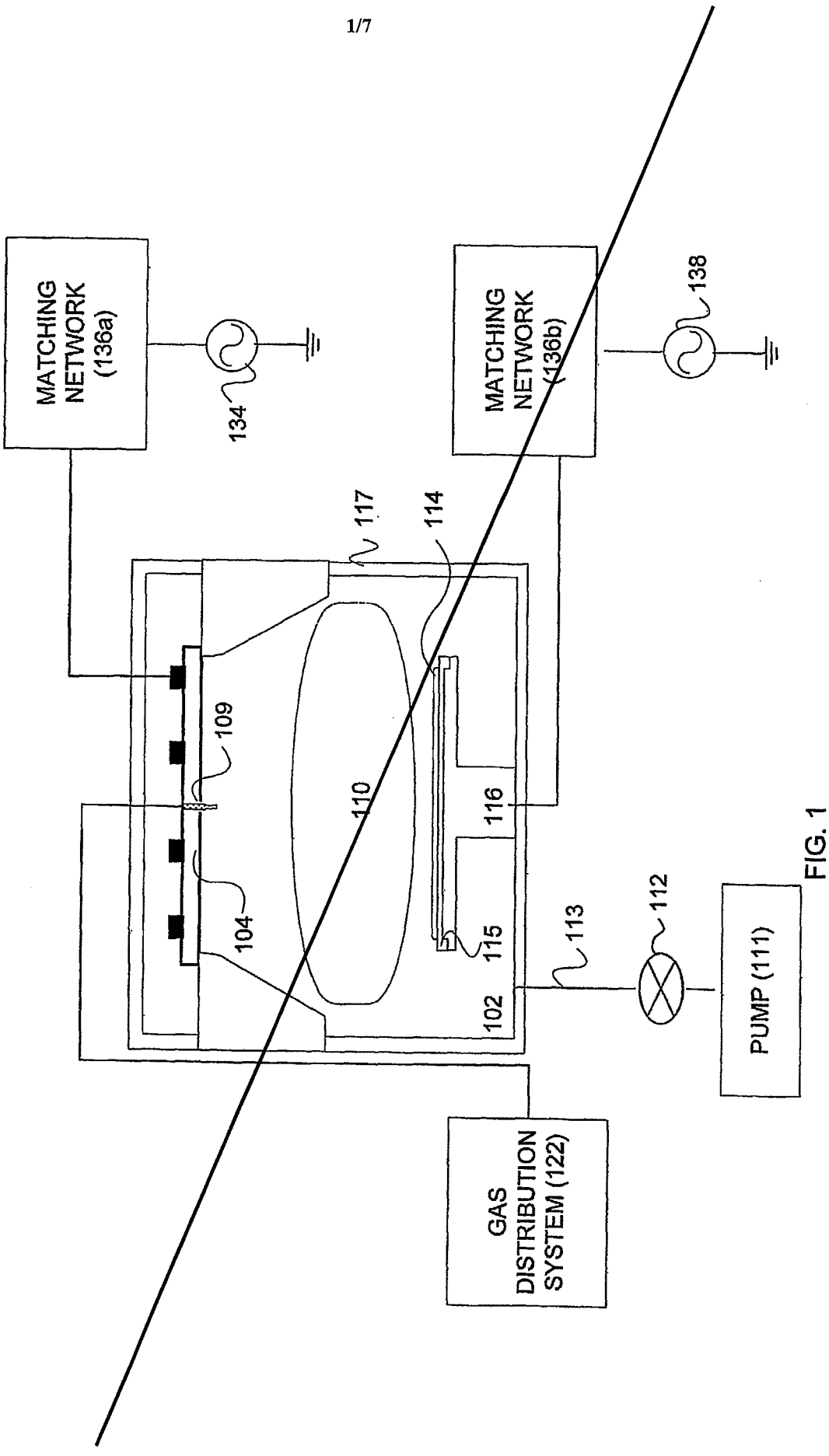

MATCHING NETWORK (136a)
134
MATCHING NETWORK (136b)
138
117
114
109
110
116
104
115
113
112
102
PUMP (111)
GAS DISTRIBUTION SYSTEM (122)

FIG. 1

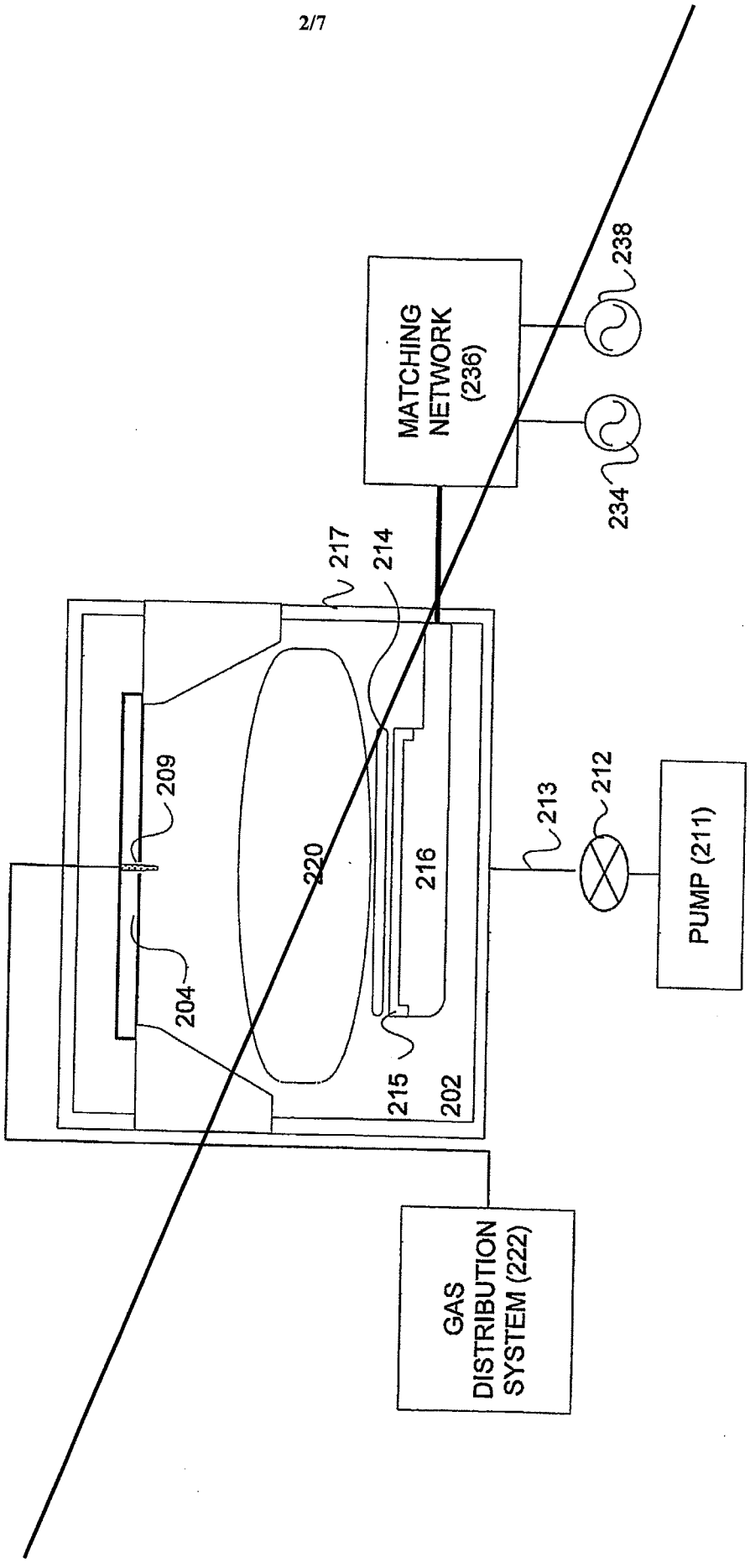

MATCHING NETWORK (236)
238
234
217
214
209
204
220
216
215
202
213
212
PUMP (211)
GAS DISTRIBUTION SYSTEM (222)

FIG. 2

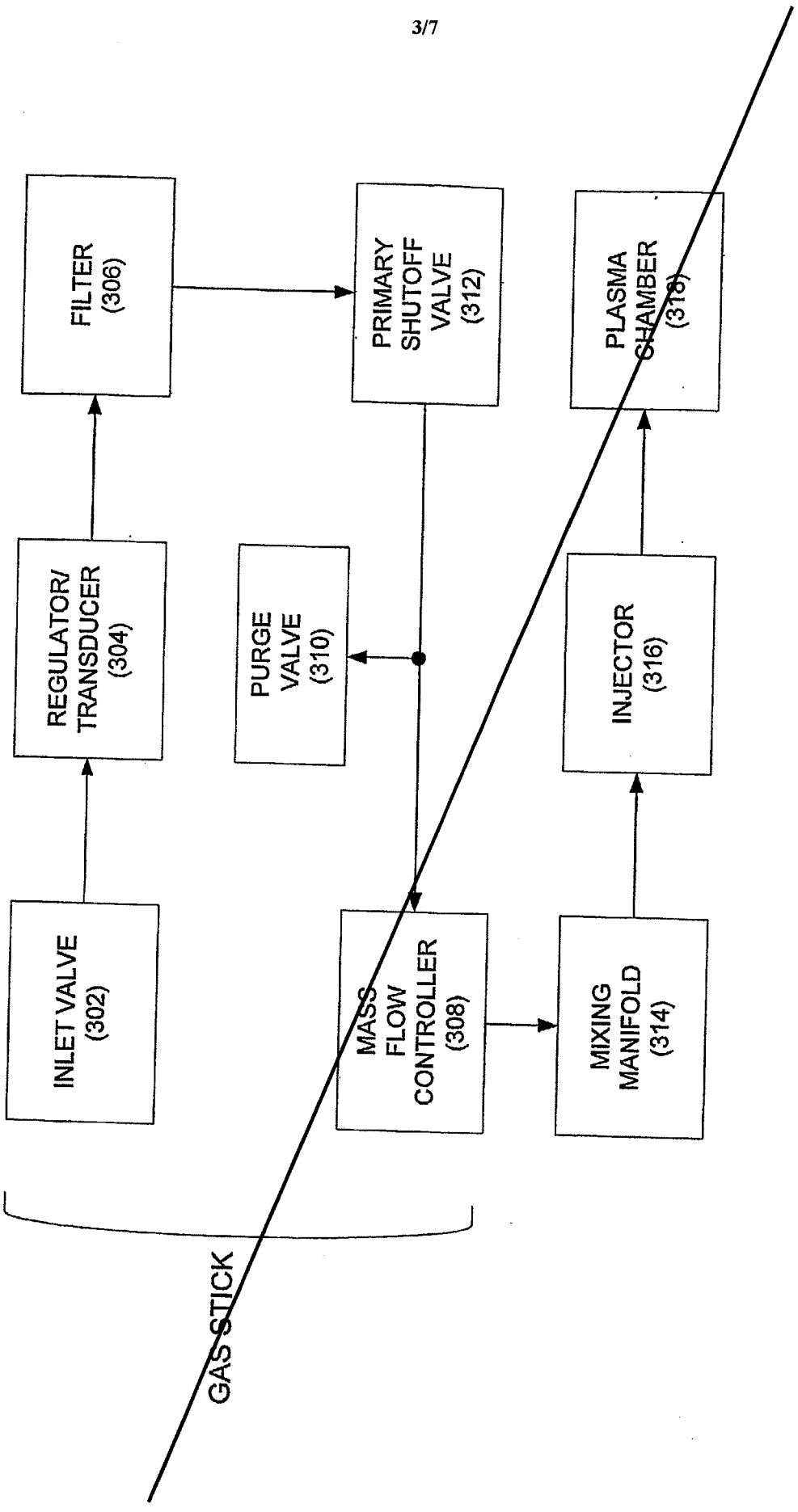

FILTER (306)
PRIMARY SHUTOFF VALVE (312)
PLASMA CHAMBER (318)
REGULATOR/ TRANSDUCER (304)
PURGE VALVE (310)
INJECTOR (316)
INLET VALVE (302)
MASS FLOW CONTROLLER (308)
MIXING MANIFOLD (314)
GAS STICK

FIG. 3

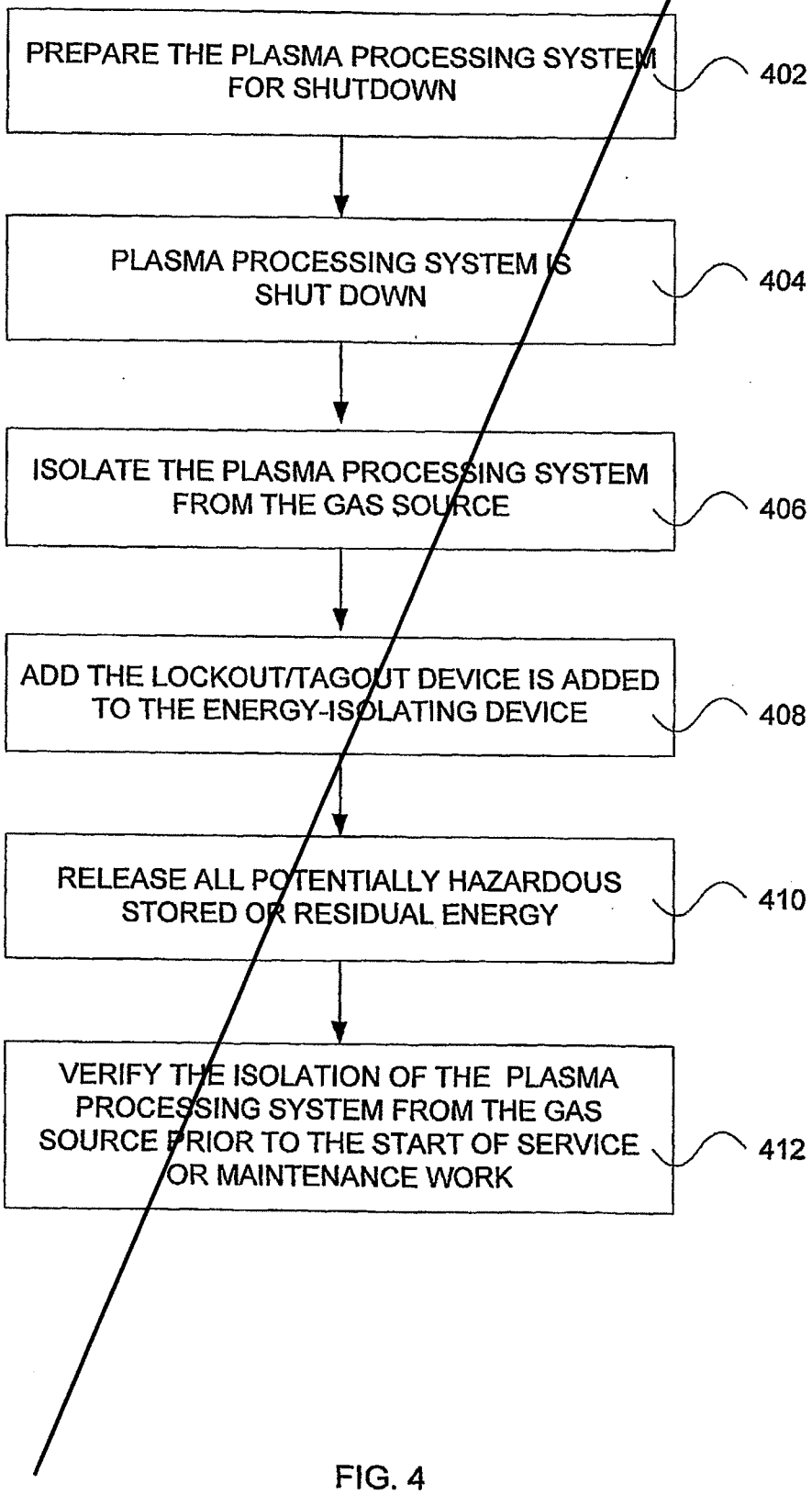

PREPARE THE PLASMA PROCESSING SYSTEM FOR SHUTDOWN
402
PLASMA PROCESSING SYSTEM IS SHUT DOWN
404
ISOLATE THE PLASMA PROCESSING SYSTEM FROM THE GAS SOURCE
406
ADD THE LOCKOUT/TAGOUT DEVICE IS ADDED TO THE ENERGY-ISOLATING DEVICE
408
RELEASE ALL POTENTIALLY HAZARDOUS STORED OR RESIDUAL ENERGY
410
VERIFY THE ISOLATION OF THE PLASMA PROCESSING SYSTEM FROM THE GAS SOURCE PRIOR TO THE START OF SERVICE OR MAINTENANCE WORK
412

FIG. 4

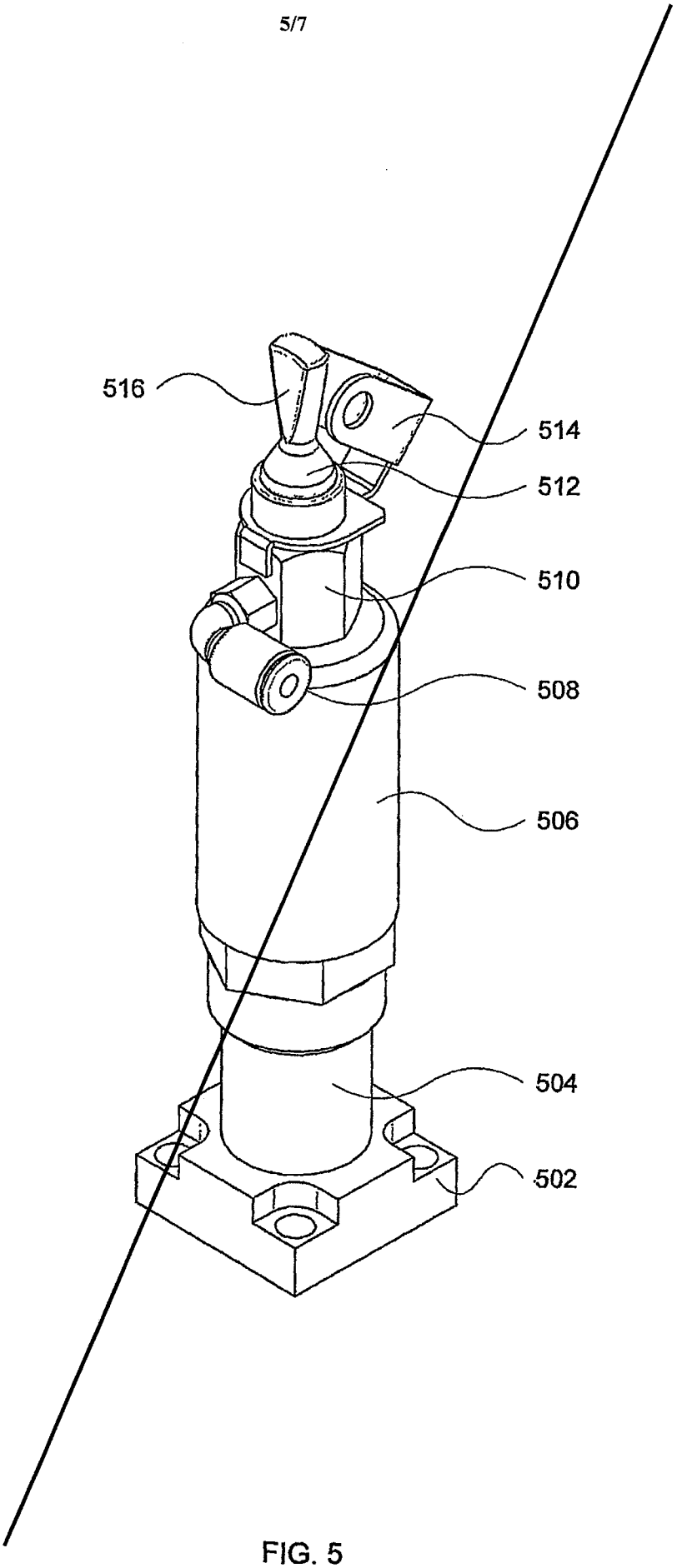


FIG. 5

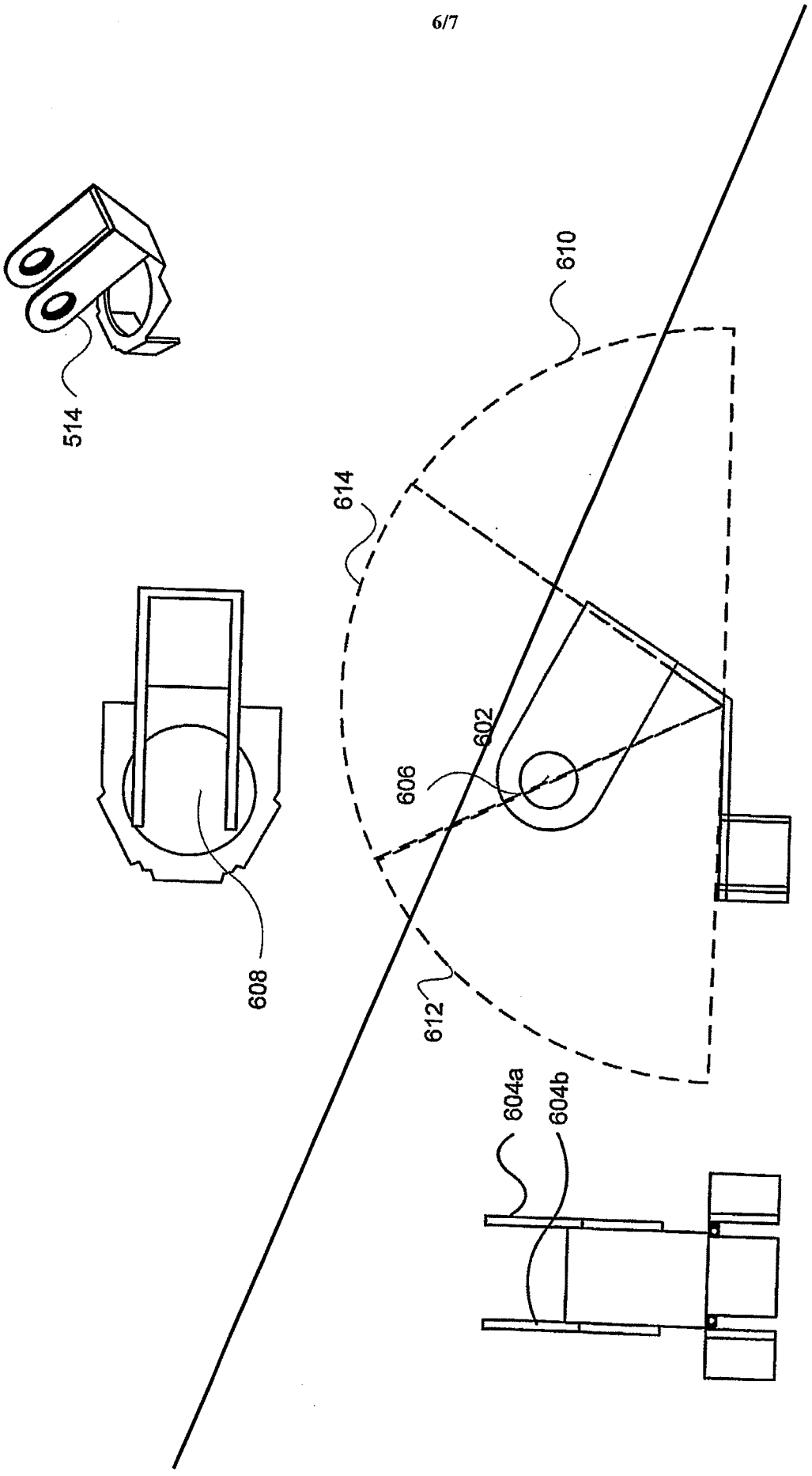


FIG. 6

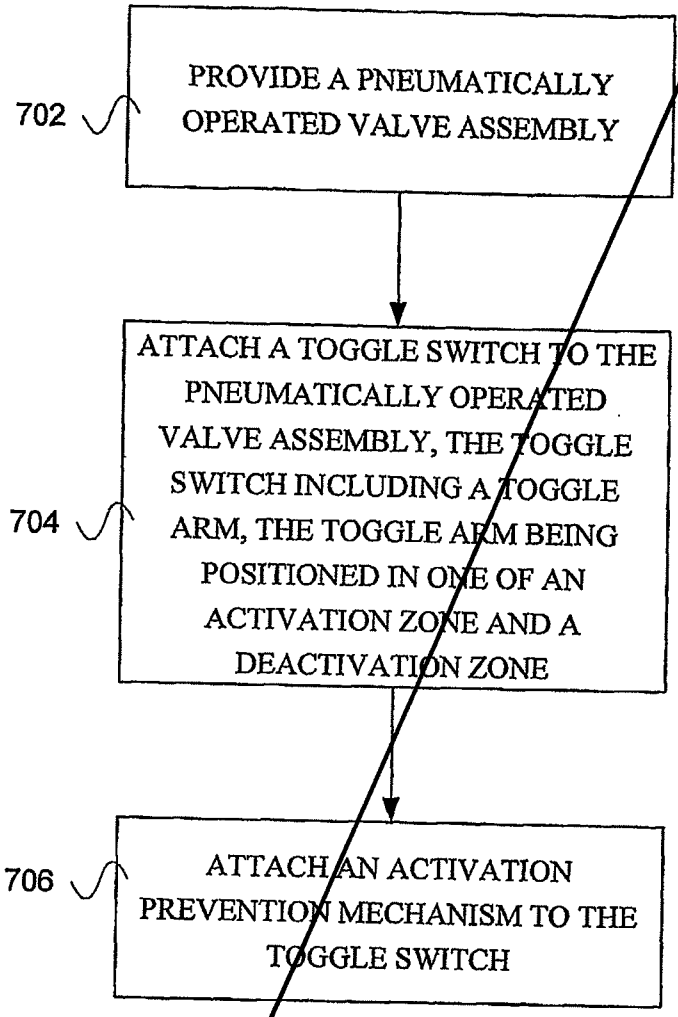

PROVIDE A PNEUMATICALLY OPERATED VALVE ASSEMBLY
702
ATTACH A TOGGLE SWITCH TO THE PNEUMATICALLY OPERATED VALVE ASSEMBLY, THE TOGGLE SWITCH INCLUDING A TOGGLE ARM, THE TOGGLE ARM BEING POSITIONED IN ONE OF AN ACTIVATION ZONE AND A DEACTIVATION ZONE
704
ATTACH AN ACTIVATION PREVENTION MECHANISM TO THE TOGGLE SWITCH
706

FIG. 7

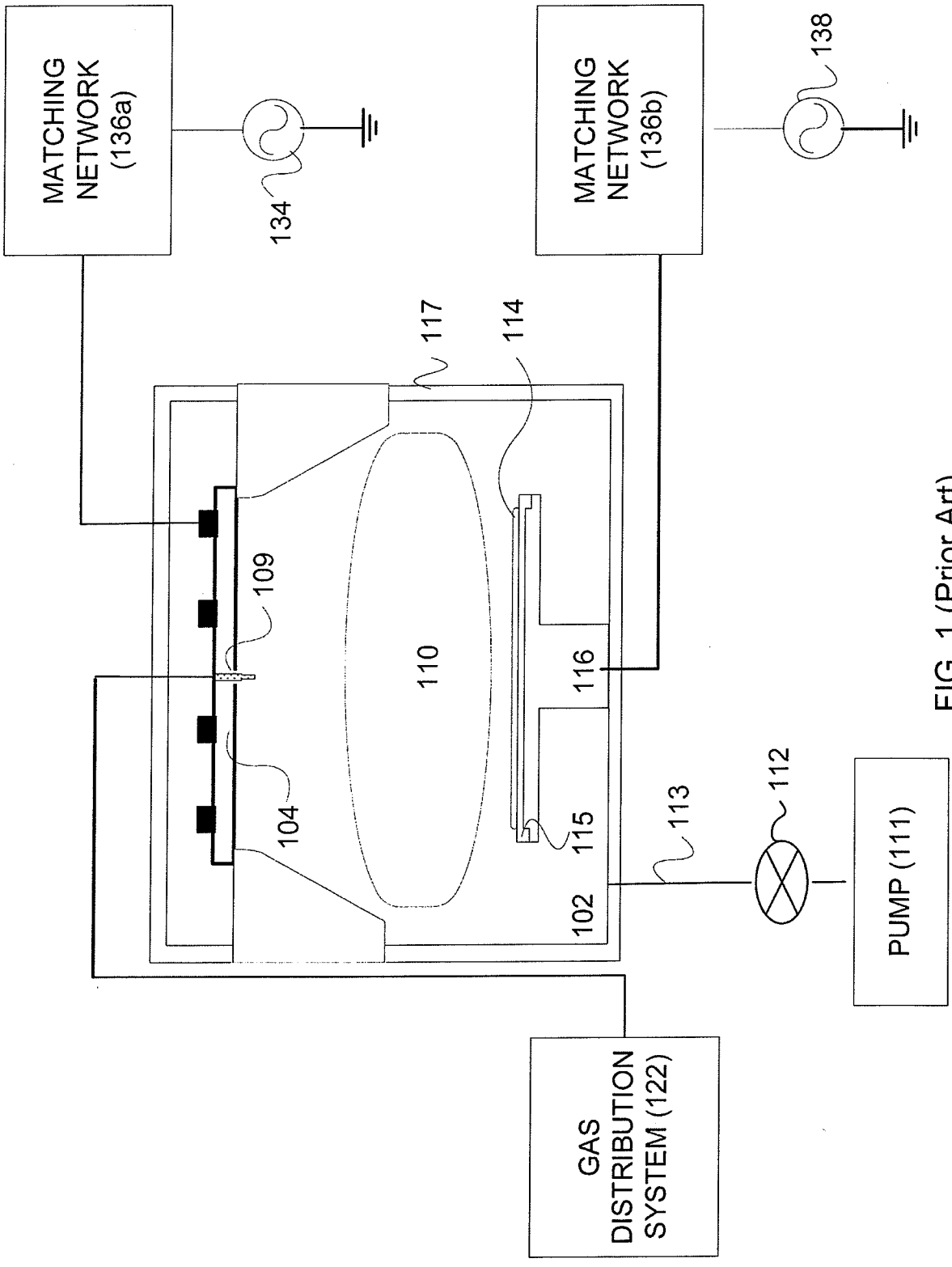


FIG. 1 (Prior Art)

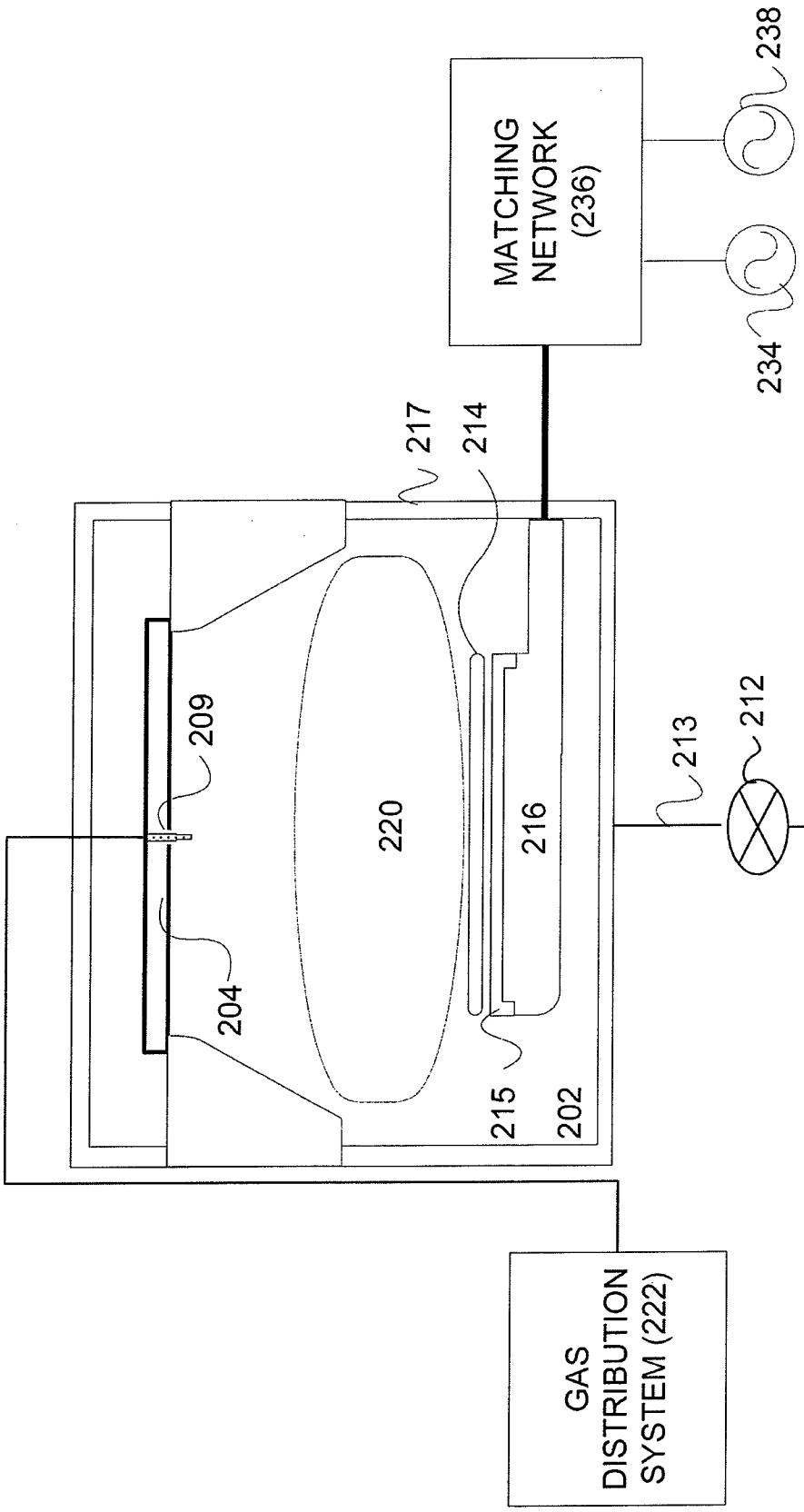


FIG. 2 (Prior Art)

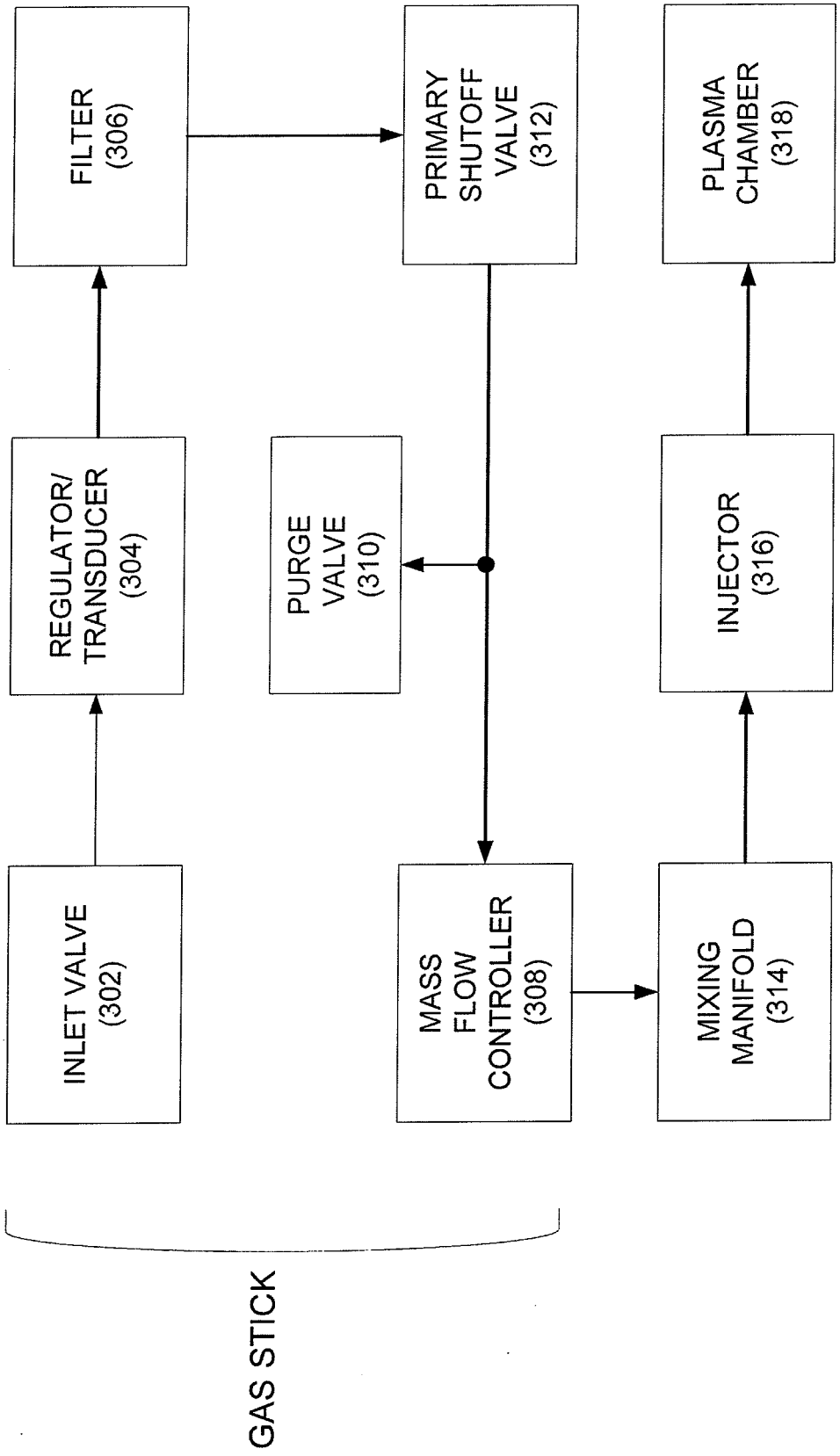


FIG. 3 (Prior Art)

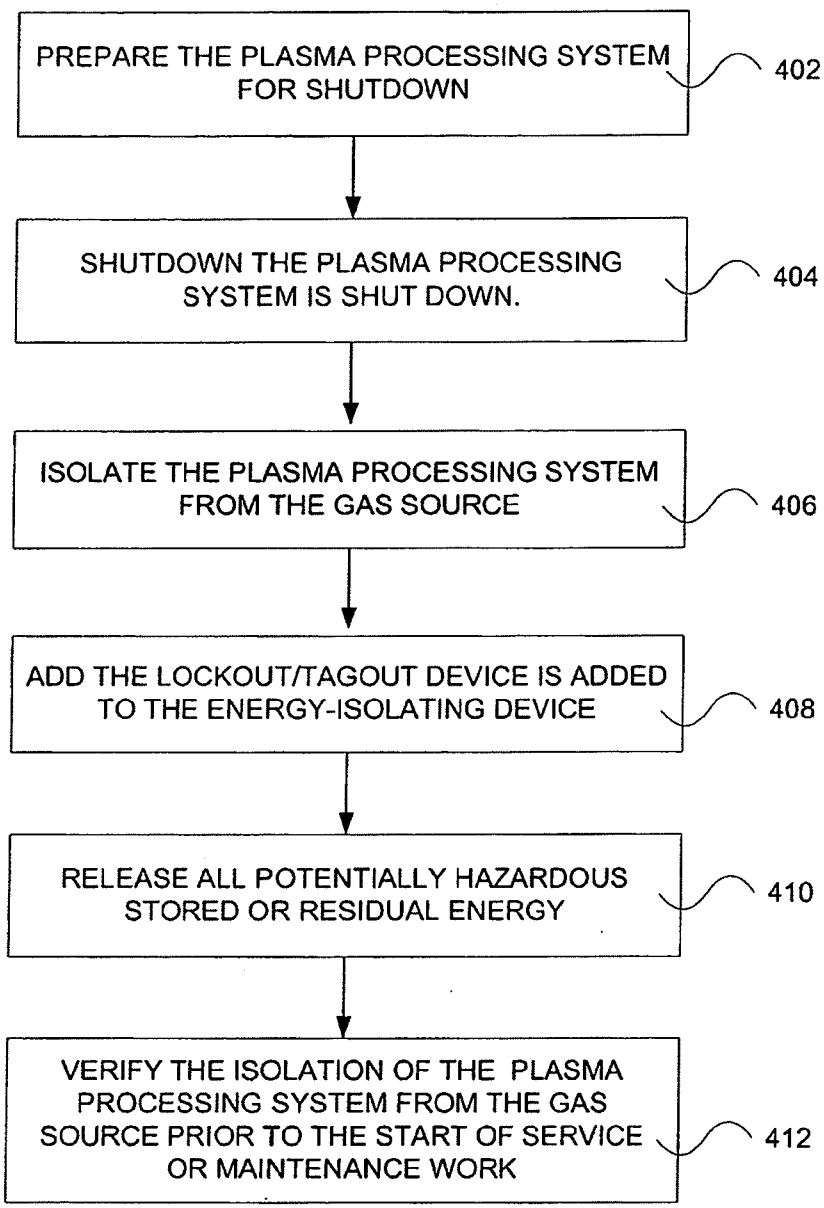

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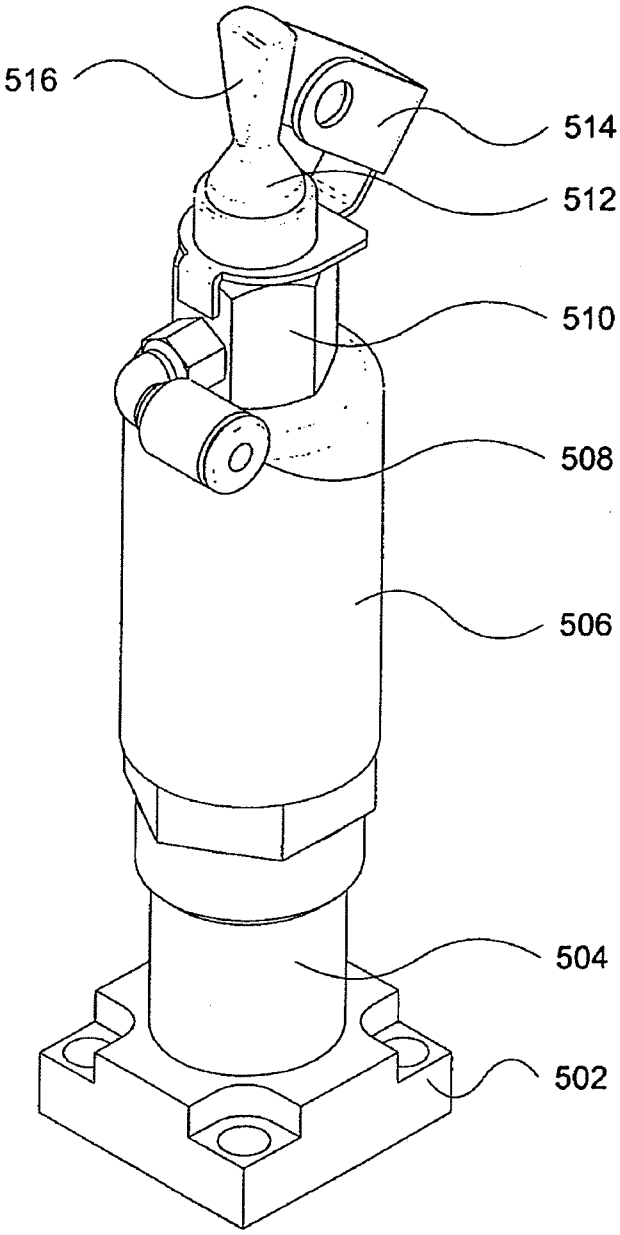


FIG. 5

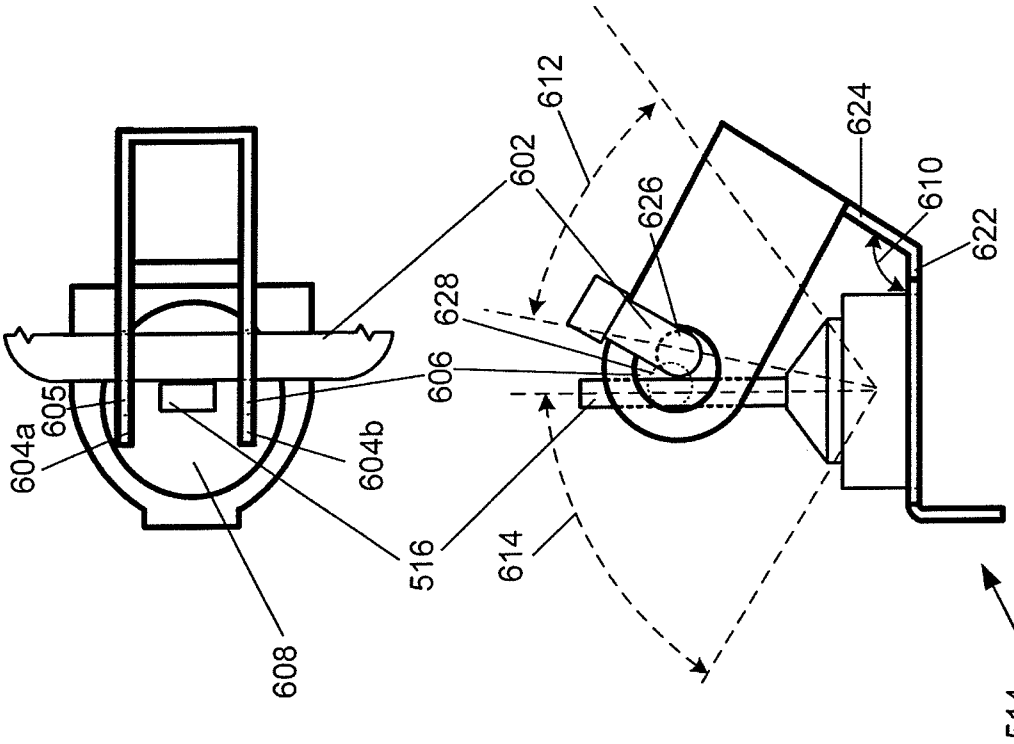


FIG. 6

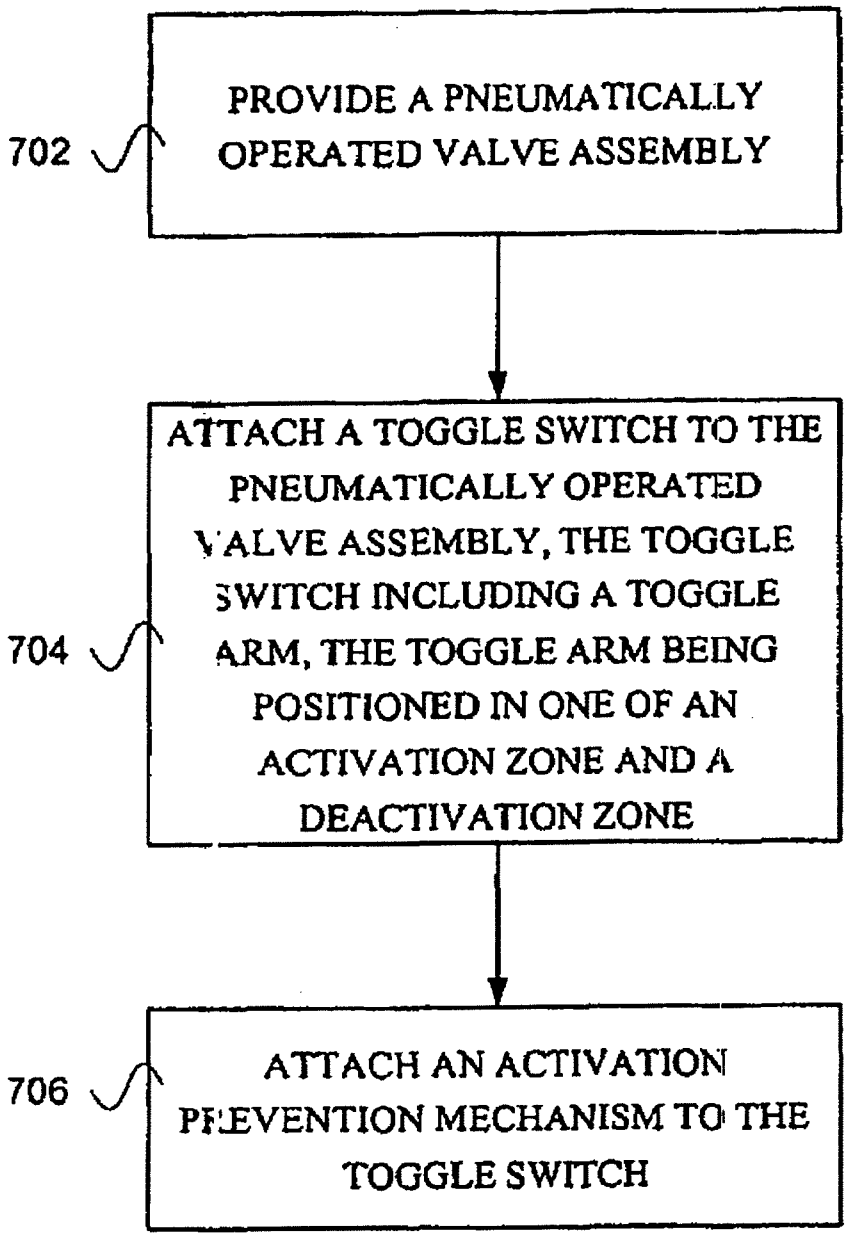

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