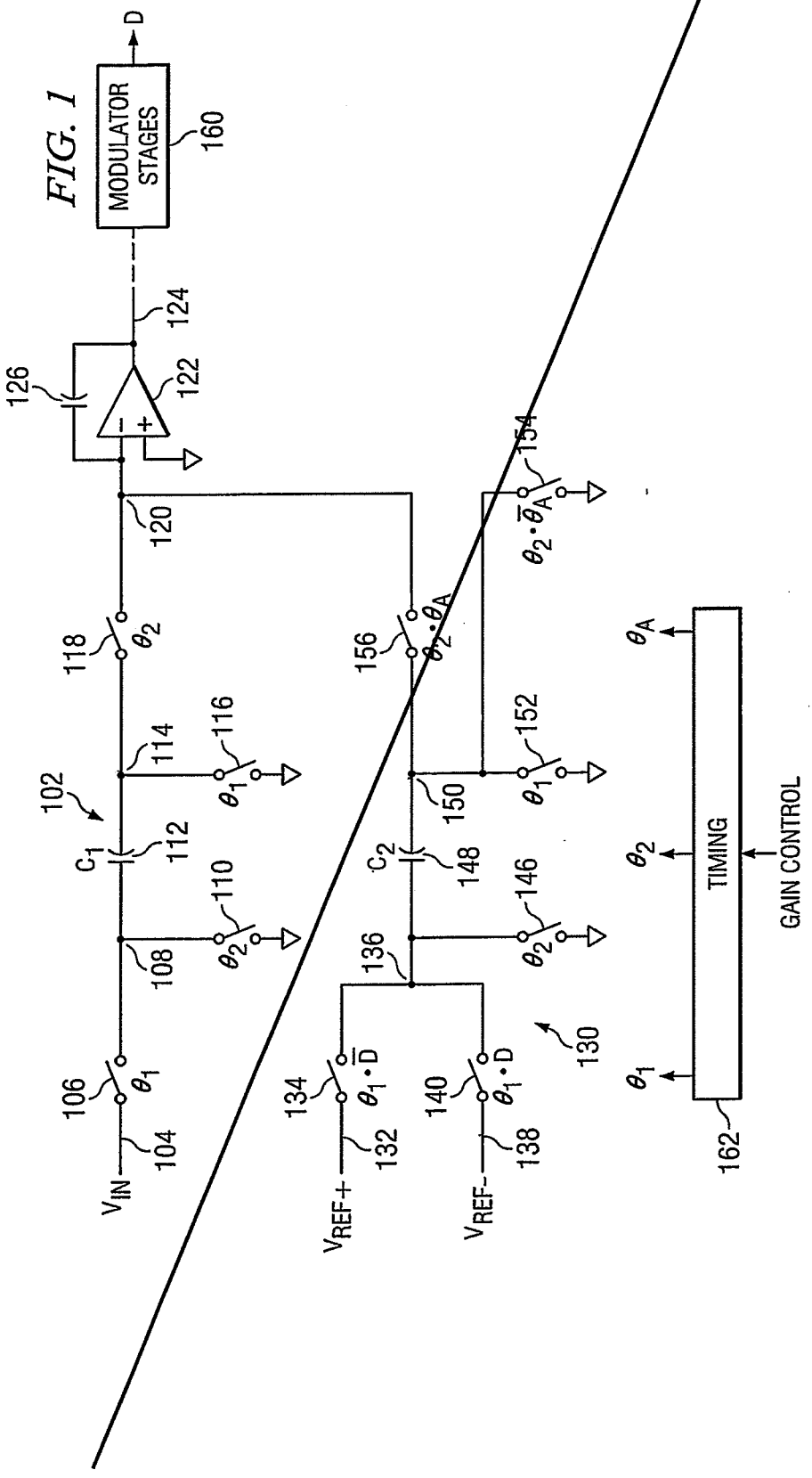
FIG. 1


D
MODULATOR STAGES
160
124
126
122
120
118
θ_2
102
114
116
θ_1
C_1
112
110
θ_2
108
106
θ_1
104
V_{IN}
156
$\theta_2 \cdot \theta_A$
154
$\theta_2 \cdot \overline{\theta_A}$
152
150
C_2
148
146
136
134
$\theta_1 \cdot \overline{D}$
132
V_{REF+}
140
$\theta_1 \cdot D$
138
V_{REF-}
130
θ_A
θ_2
θ_1
TIMING
GAIN CONTROL
162

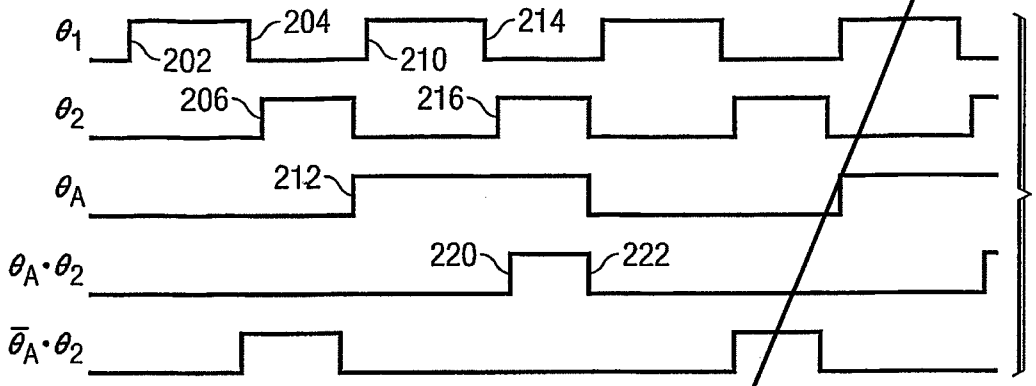


FIG. 2

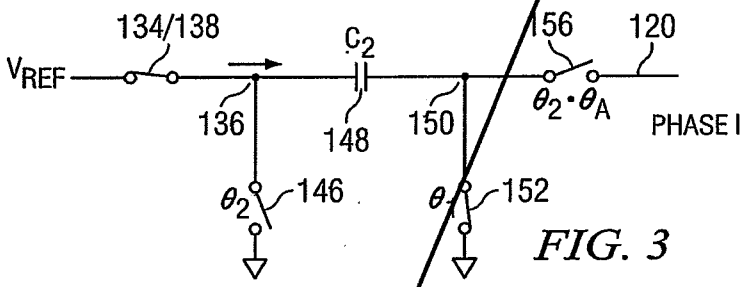


FIG. 3

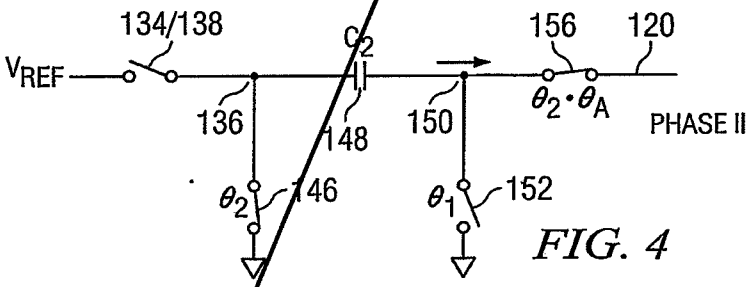


FIG. 4

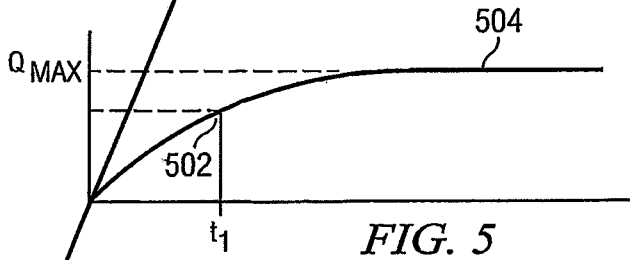
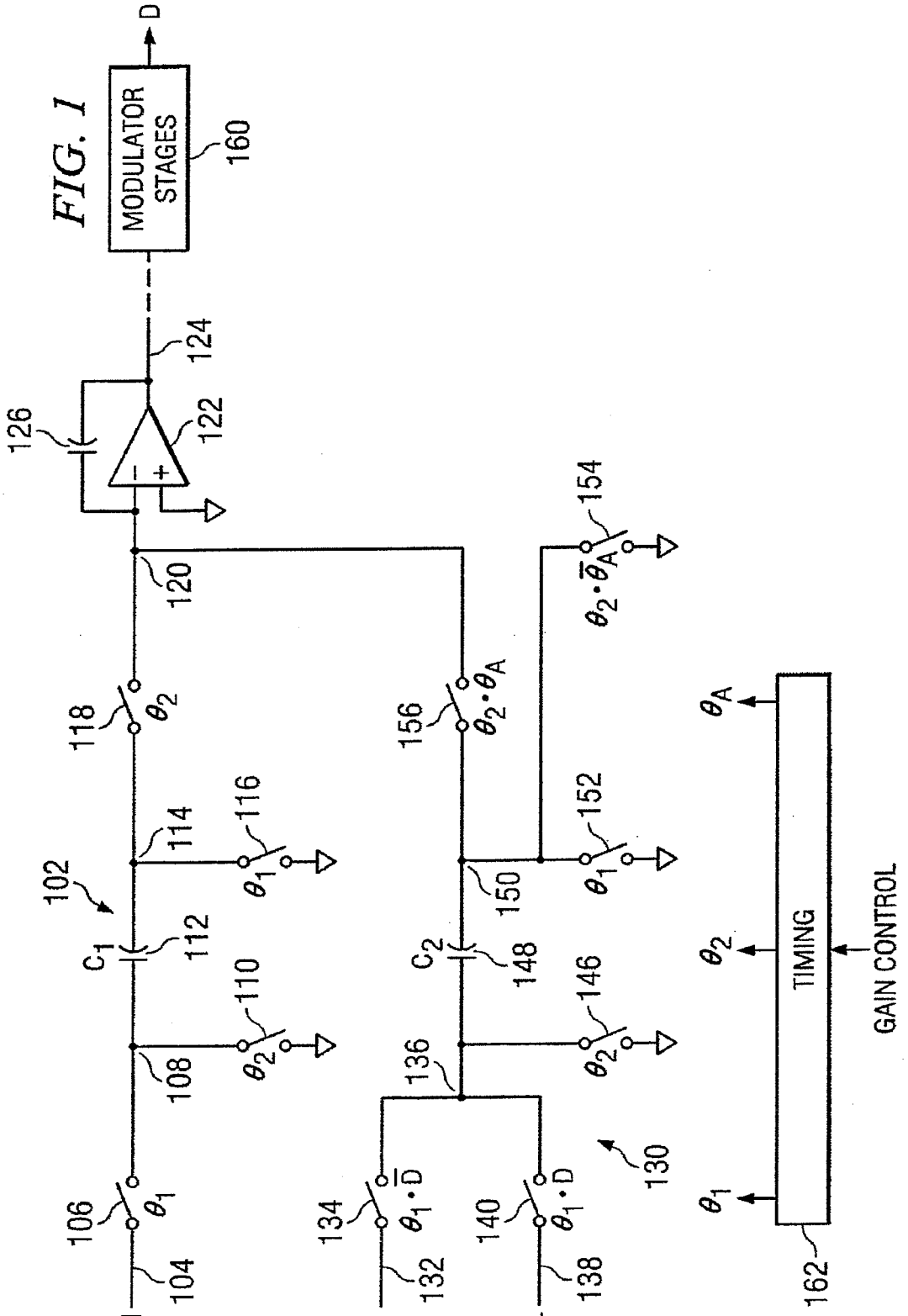


FIG. 5

FIG. 1


D
MODULATOR STAGES
160
124
126
122
120
118
θ_2
114
116
θ_1
102
C_1
112
110
θ_2
108
106
θ_1
104
V_{IN}
$\theta_2 \cdot \theta_A$
156
154
$\theta_2 \cdot \overline{\theta}_A$
152
θ_1
150
C_2
148
146
θ_2
136
134
$\theta_1 \cdot \overline{D}$
132
V_{REF+}
140
$\theta_1 \cdot D$
138
V_{REF-}
130
θ_A
θ_2
θ_1
TIMING
GAIN CONTROL
162

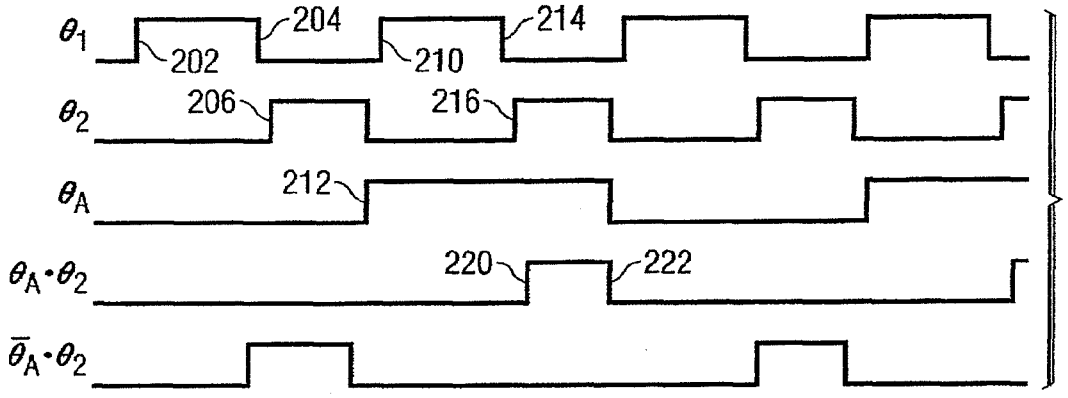


FIG. 2

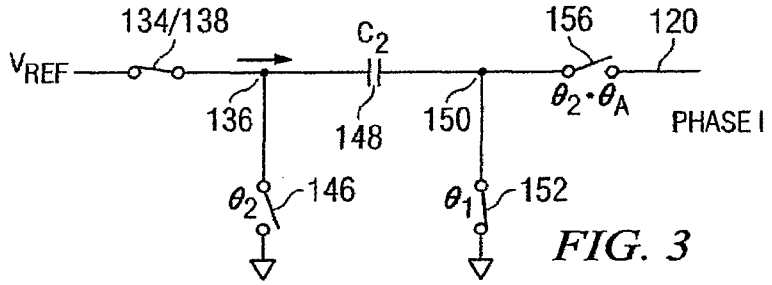


FIG. 3

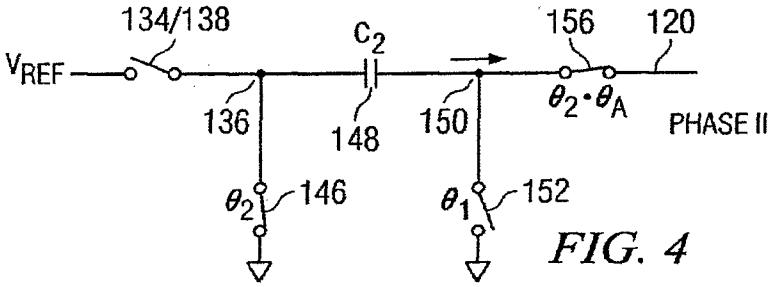


FIG. 4

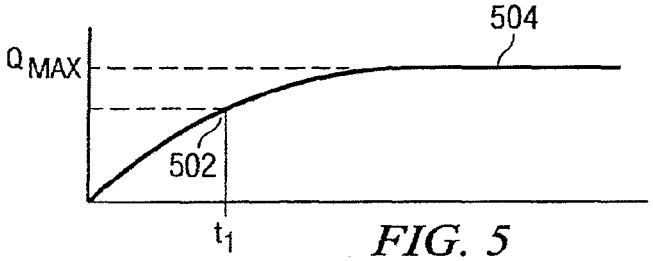


FIG. 5