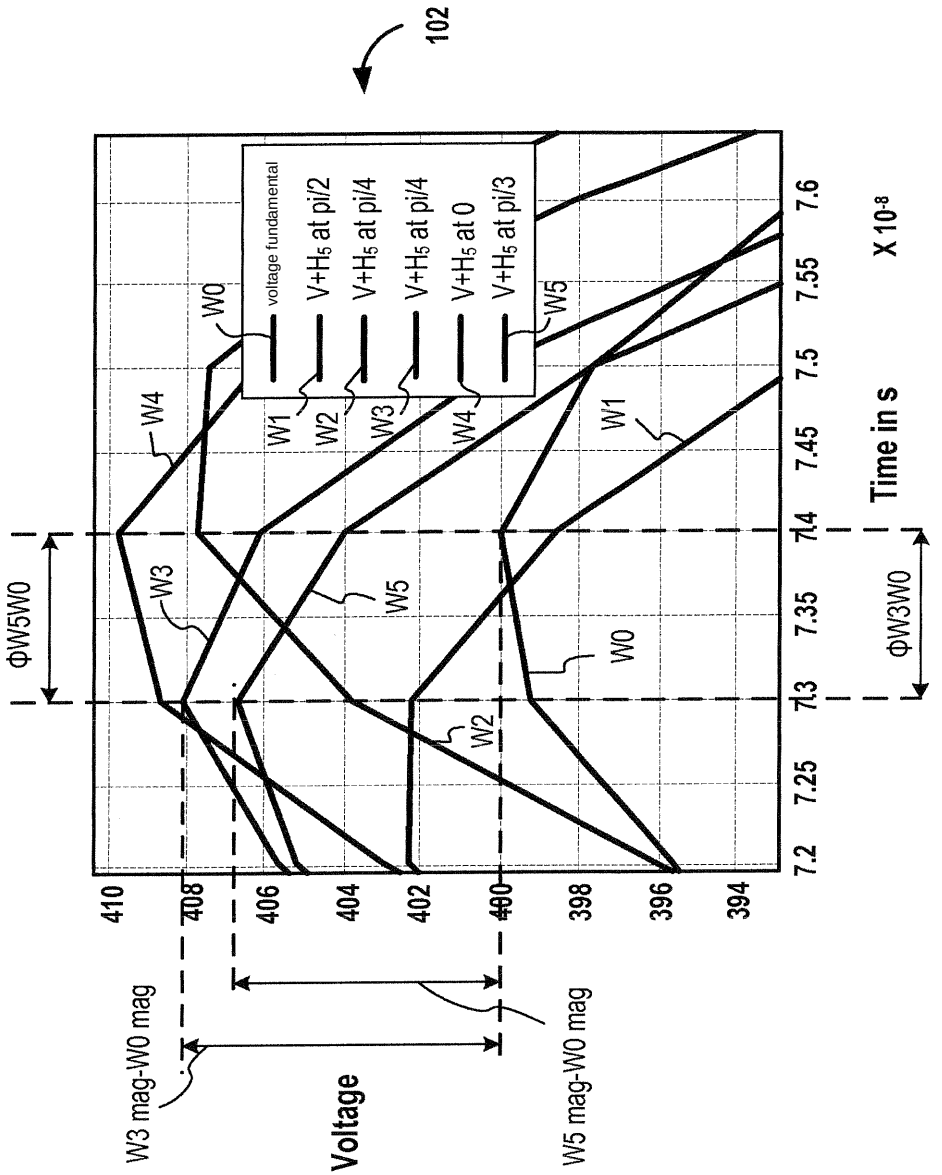

102
voltage fundamental
V+H5 at pi/2
V+H5 at pi/4
V+H5 at pi/4
V+H5 at 0
V+H5 at pi/3
W0
W1
W2
W3
W4
W5
ΦW5W0
ΦW3W0
Time in s
X 10-8
Voltage
W3 mag-W0 mag
W5 mag-W0 mag
410
408
406
404
402
400
398
396
394
7.2
7.25
7.3
7.35
7.4
7.45
7.5
7.55
7.6

Fig. 1A

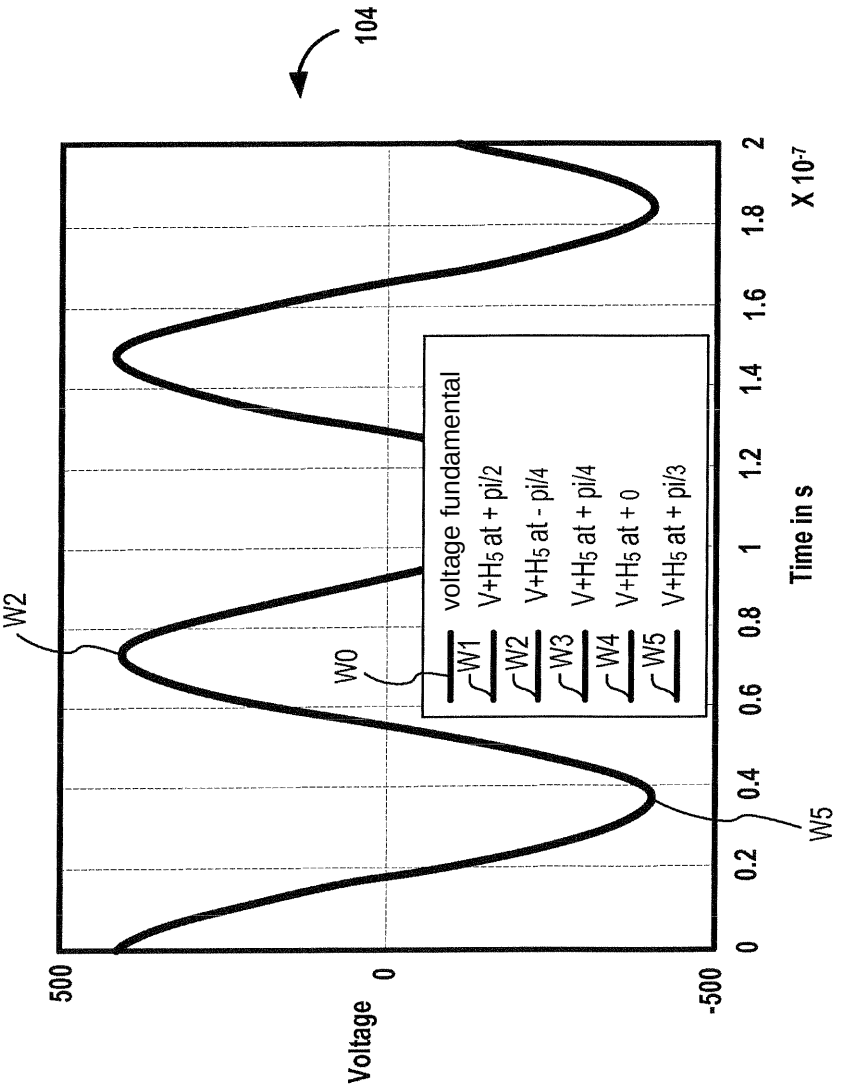

104
W2
W0
W5
voltage fundamental
W1 V+H5 at + pi/2
W2 V+H5 at - pi/4
W3 V+H5 at + pi/4
W4 V+H5 at + 0
W5 V+H5 at + pi/3
500
0
-500
Voltage
0
0.2
0.4
0.6
0.8
1
1.2
1.4
1.6
1.8
2
Time in s
X 10-7

Fig. 1B

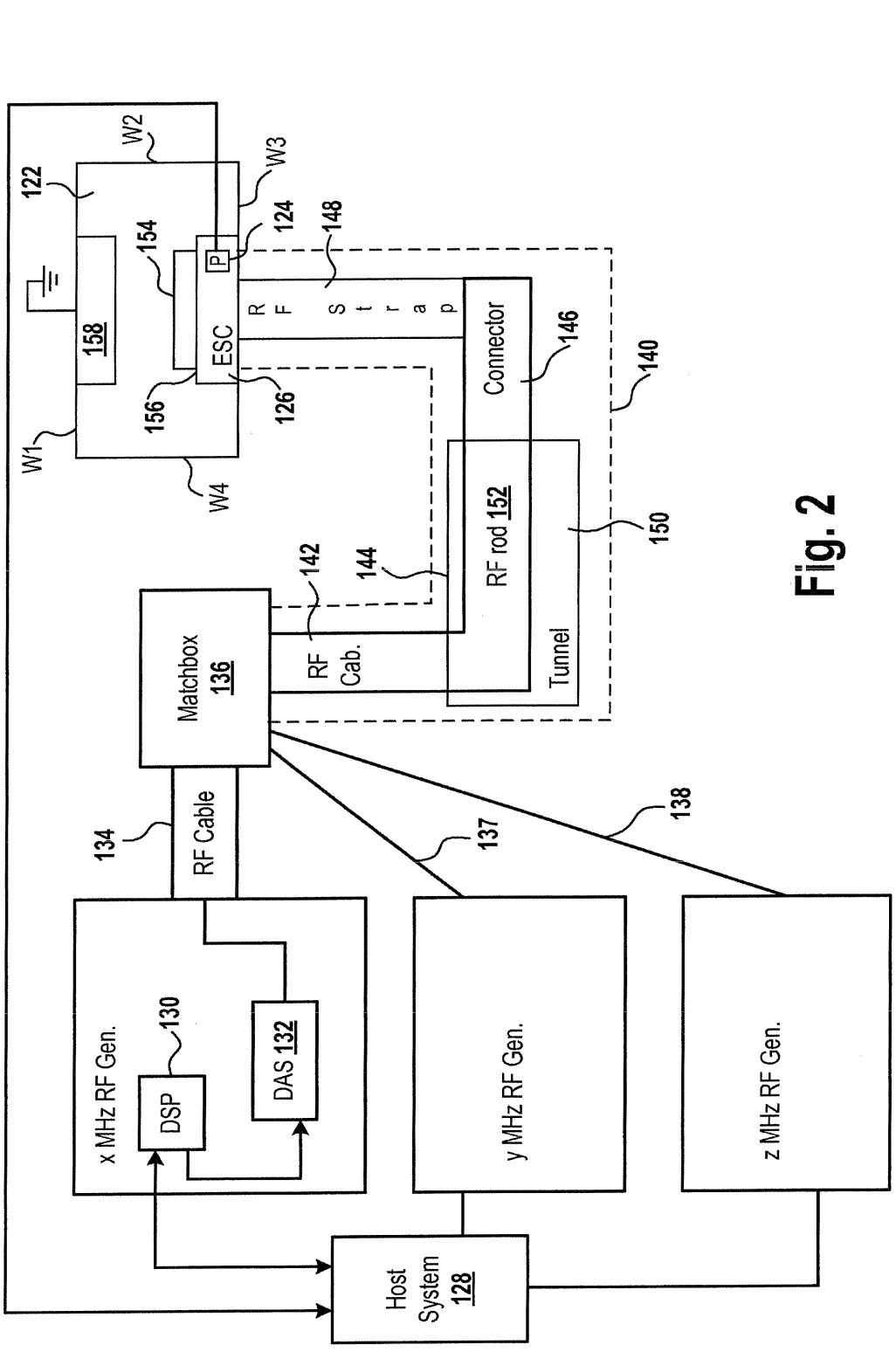

120
122
W2
W3
124
148
154
158
ESC
RF Stapp
Connector
146
140
156
126
W1
W4
RF rod 152
150
142
144
Matchbox 136
RF Cab.
Tunnel
134
RF Cable
138
137
x MHz RF Gen.
130
DSP
DAS 132
y MHz RF Gen.
z MHz RF Gen.
Host System 128

Fig. 2

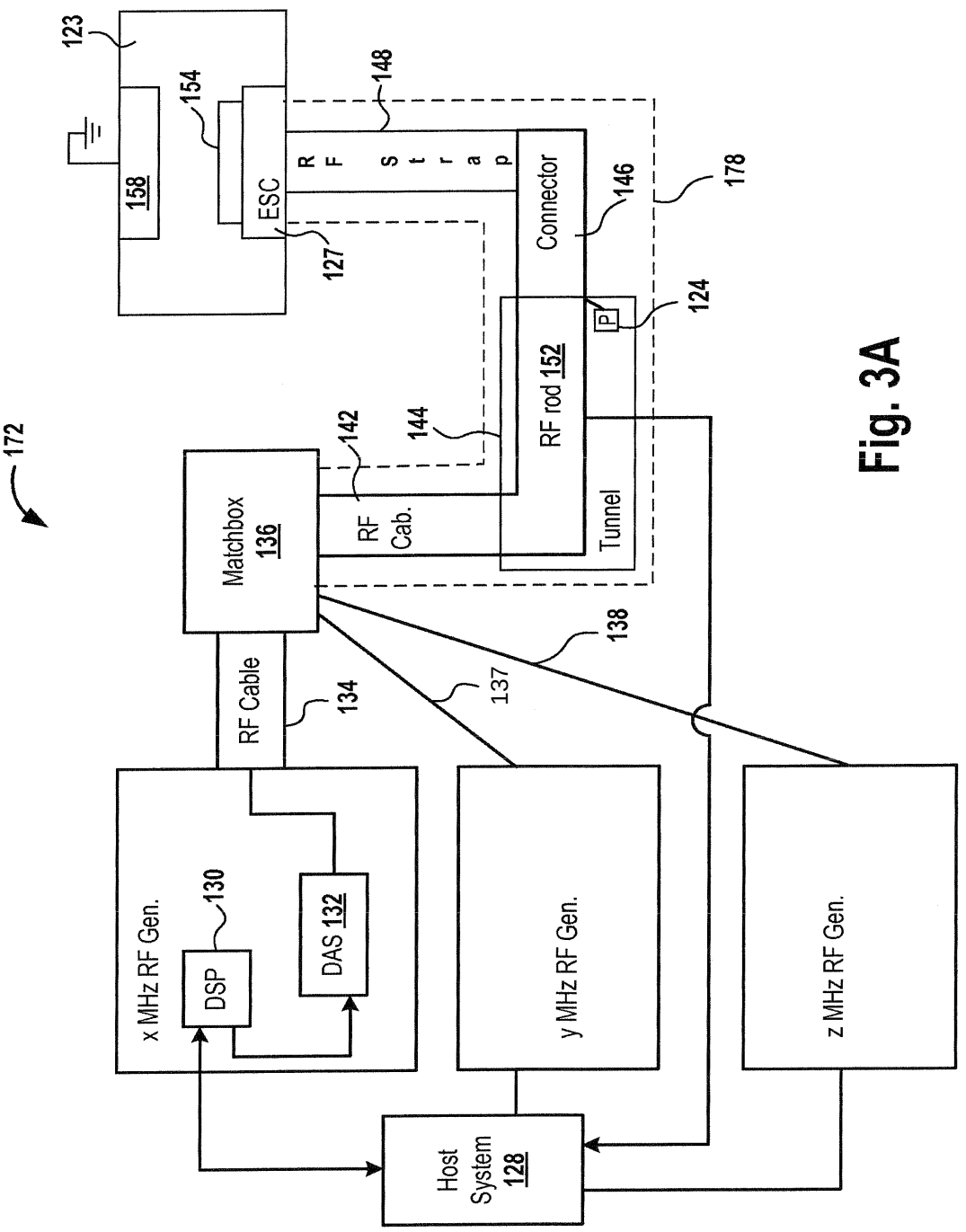

172
123
158
154
ESC
148
RF Stapp
Connector
146
178
127
124
P
RF rod 152
Tunnel
142
144
RF Cab.
Matchbox 136
138
137
RF Cable
134
x MHz RF Gen.
DSP
130
DAS 132
y MHz RF Gen.
z MHz RF Gen.
Host System 128

Fig. 3A

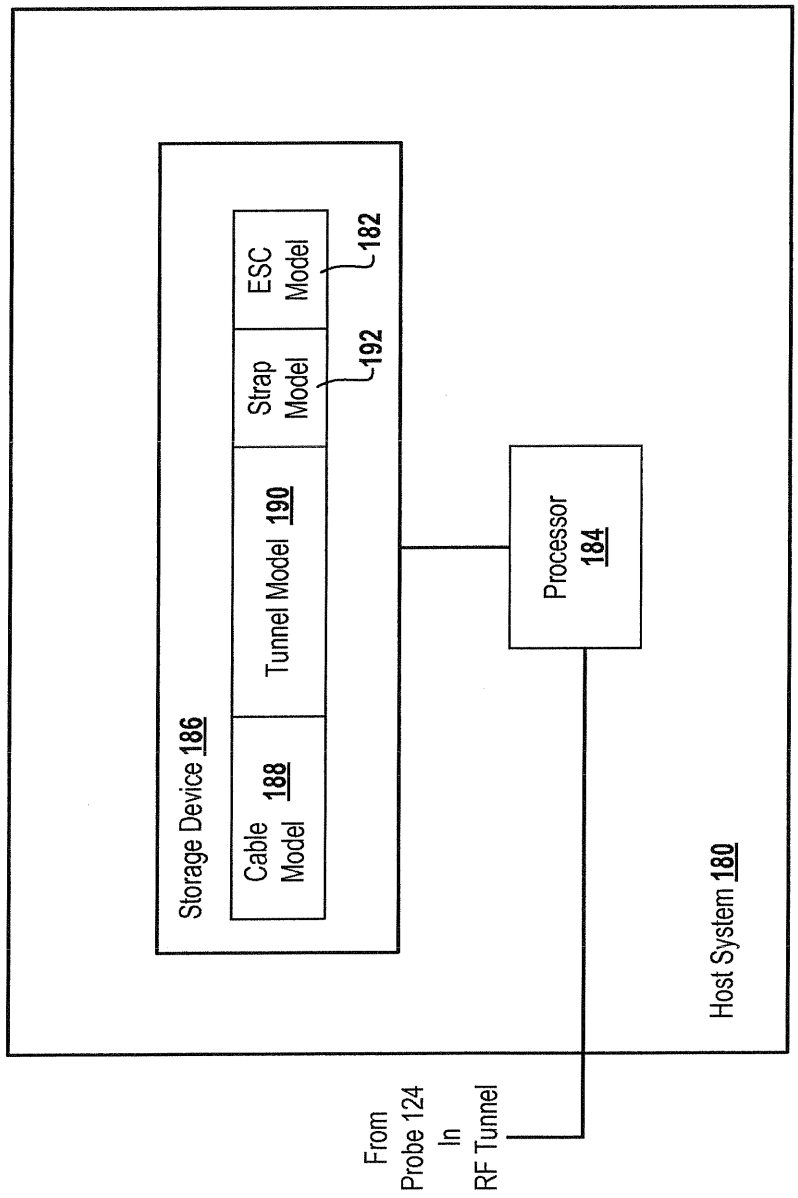

Host System 180
Storage Device 186
Cable Model 188
Tunnel Model 190
Strap Model
ESC Model
182
192
Processor 184
From Probe 124 In RF Tunnel

Fig. 3B

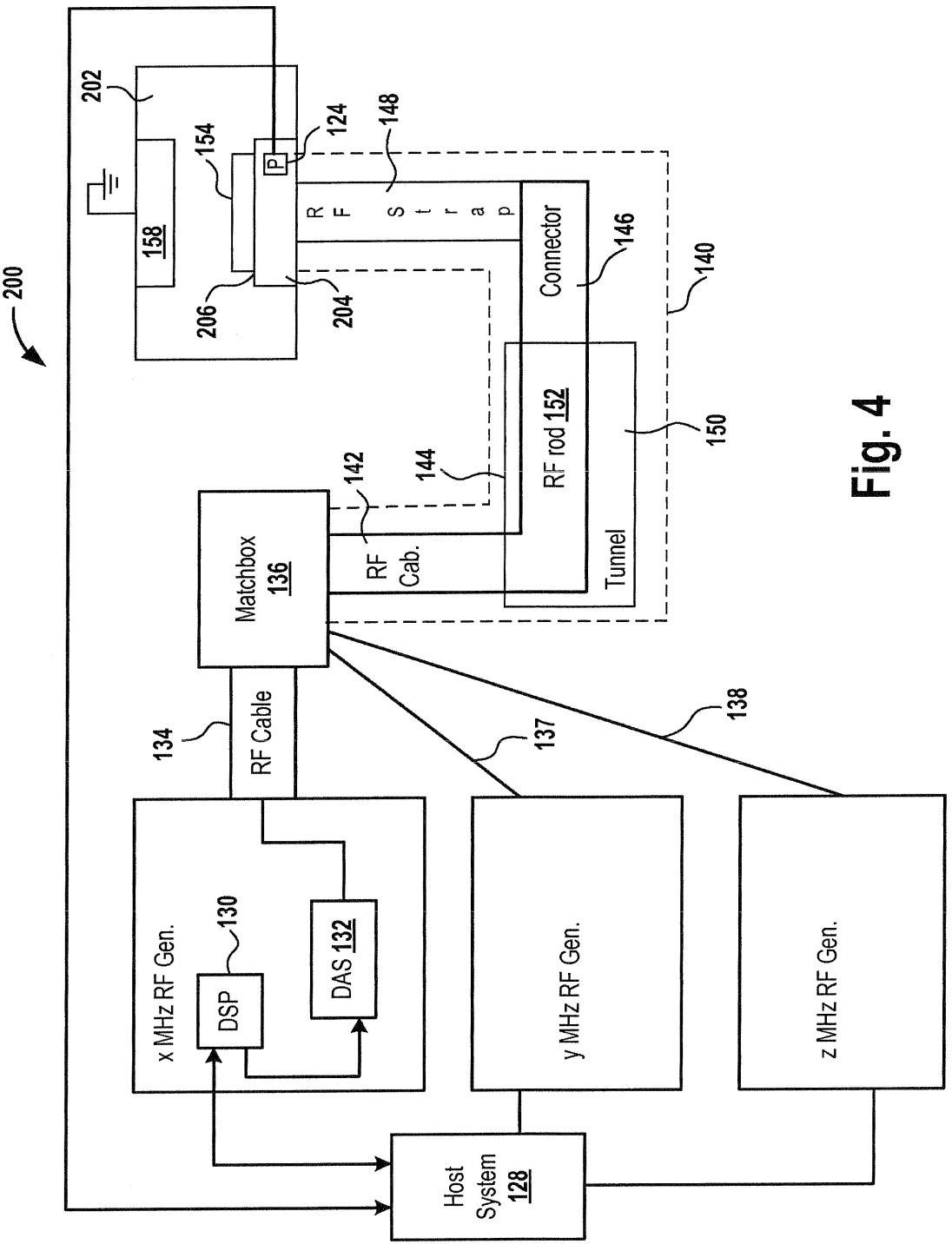

200
202
158
154
206
204
124
148
P
RF Stap
Connector
146
140
RF rod 152
Tunnel
150
142
144
RF Cab.
Matchbox 136
134
RF Cable
137
138
x MHz RF Gen.
DSP
130
DAS 132
y MHz RF Gen.
z MHz RF Gen.
Host System 128

Fig. 4