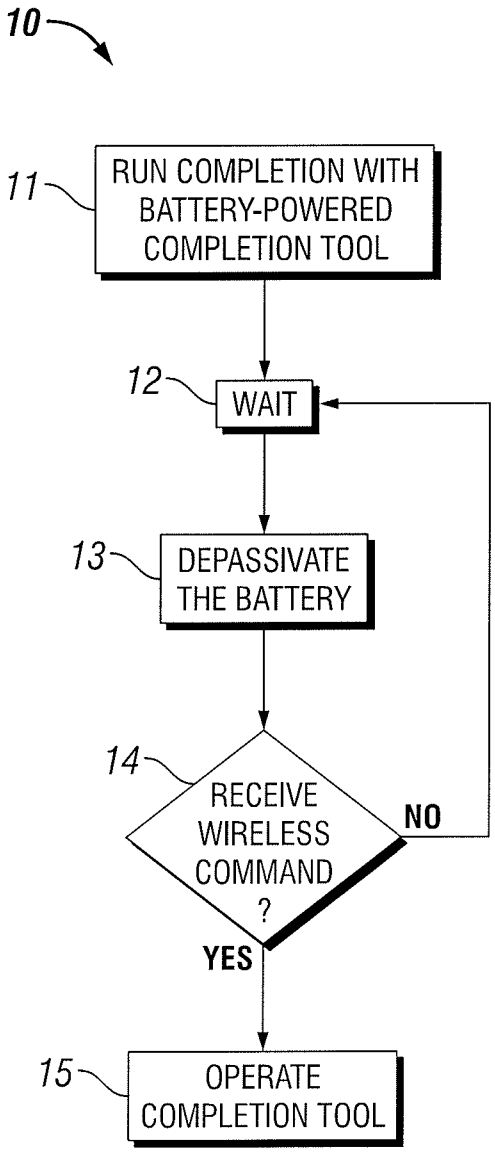
10
11
RUN COMPLETION WITH BATTERY-POWERED COMPLETION TOOL
12
WAIT
13
DEPASSIVATE THE BATTERY
14
RECEIVE WIRELESS COMMAND ?
NO
YES
15
OPERATE COMPLETION TOOL

FIG. 1

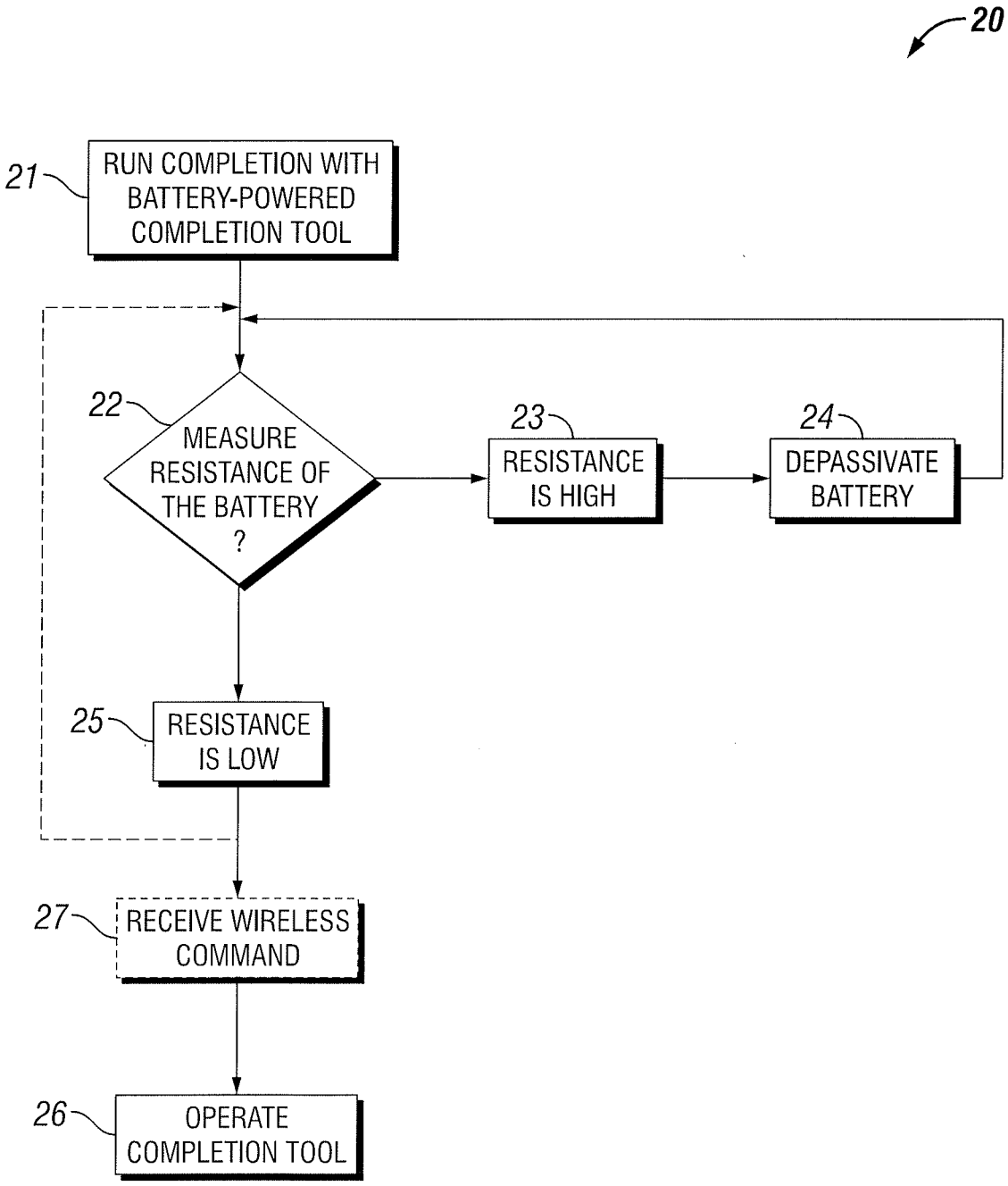
20
21
RUN COMPLETION WITH BATTERY-POWERED COMPLETION TOOL
22
MEASURE RESISTANCE OF THE BATTERY ?
23
RESISTANCE IS HIGH
24
DEPASSIVATE BATTERY
25
RESISTANCE IS LOW
27
RECEIVE WIRELESS COMMAND
26
OPERATE COMPLETION TOOL

FIG. 2

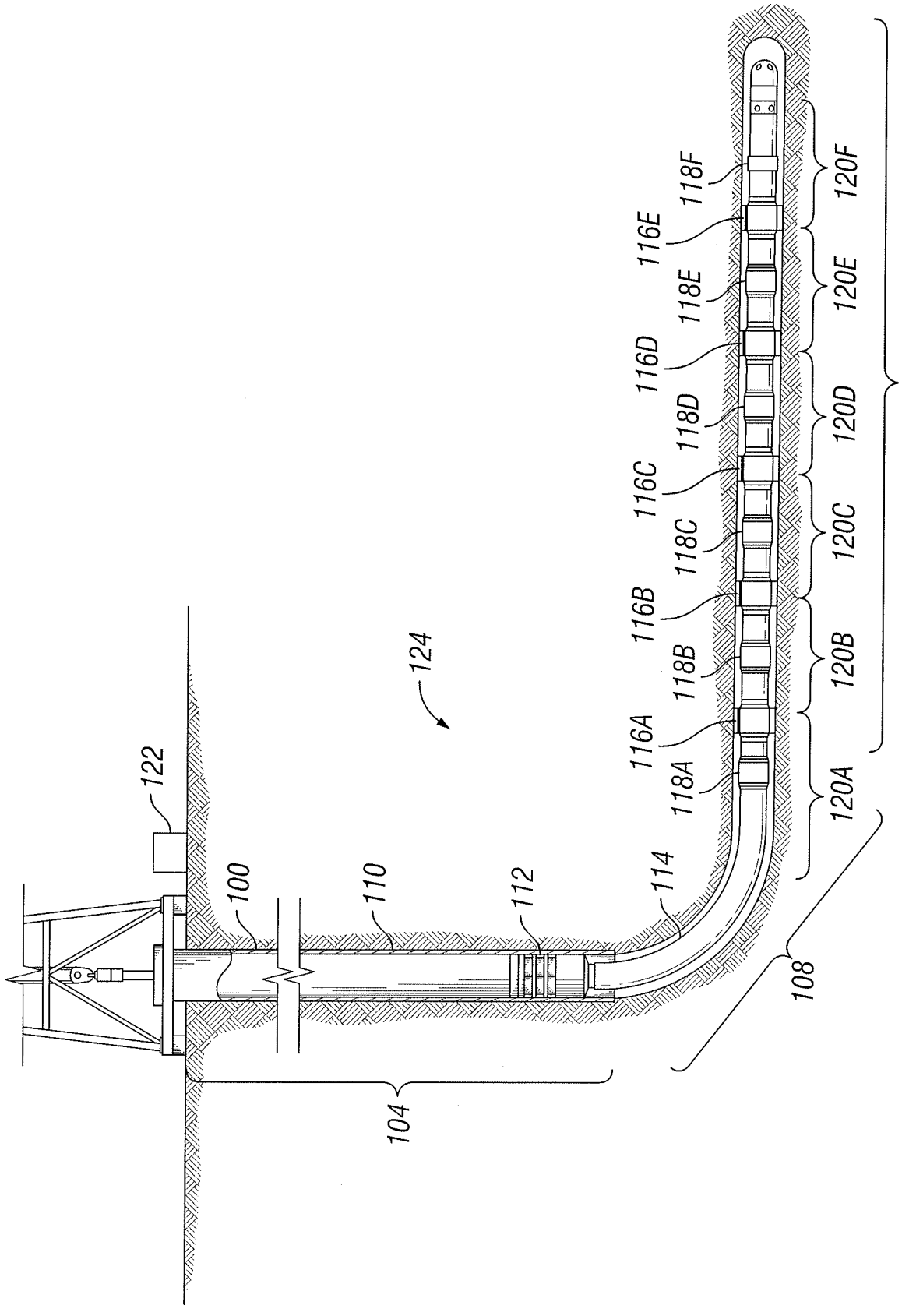
122
100
110
112
114
124
116A
118A
116B
118B
116C
118C
116D
118D
116E
118E
118F
120A
120B
120C
120D
120E
120F
106
108
104

FIG. 3

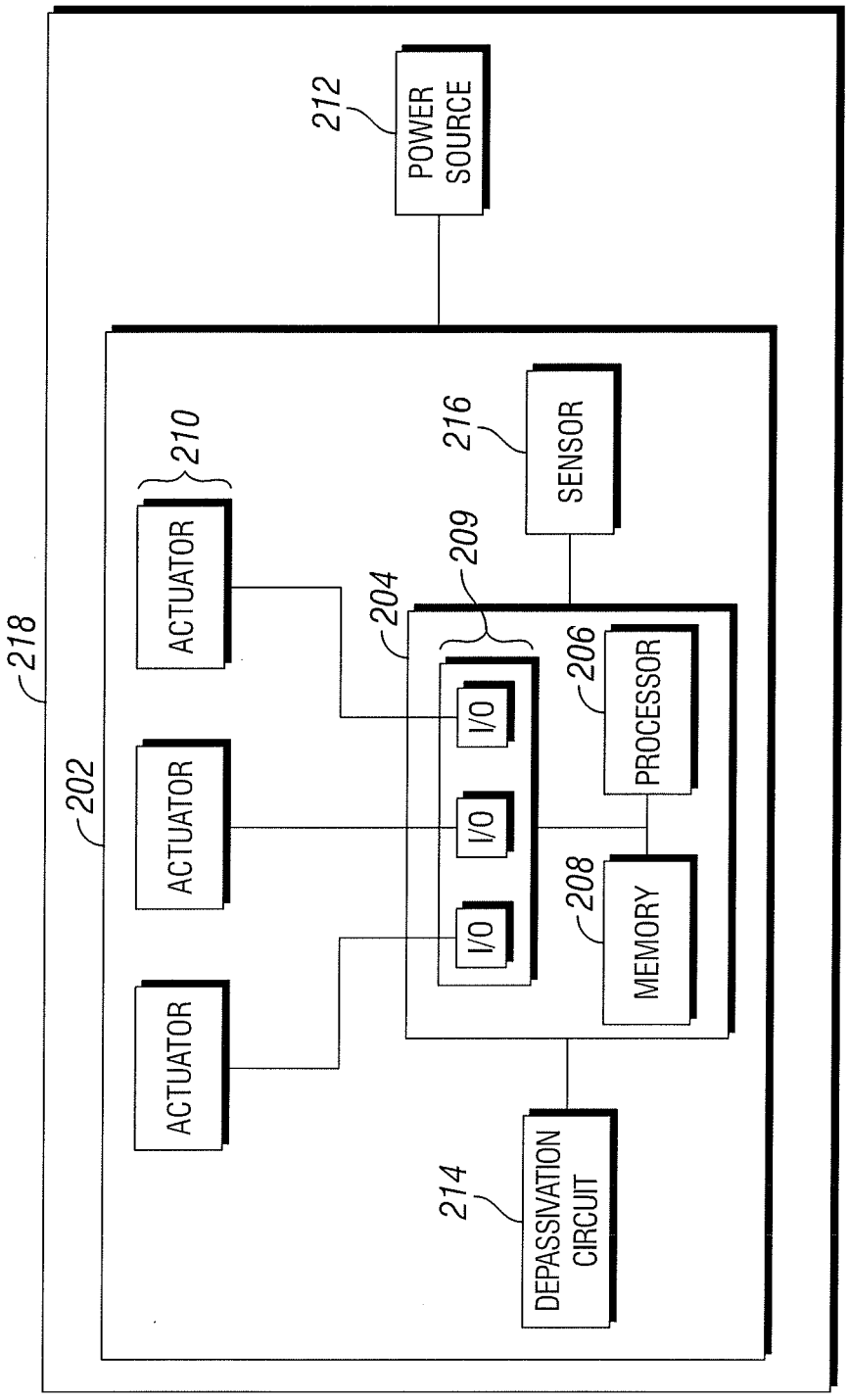
218
202
212
POWER SOURCE
ACTUATOR
ACTUATOR
ACTUATOR
210
216
SENSOR
209
204
I/O
I/O
I/O
206
PROCESSOR
208
MEMORY
214
DEPASSIVATION CIRCUIT

FIG. 4