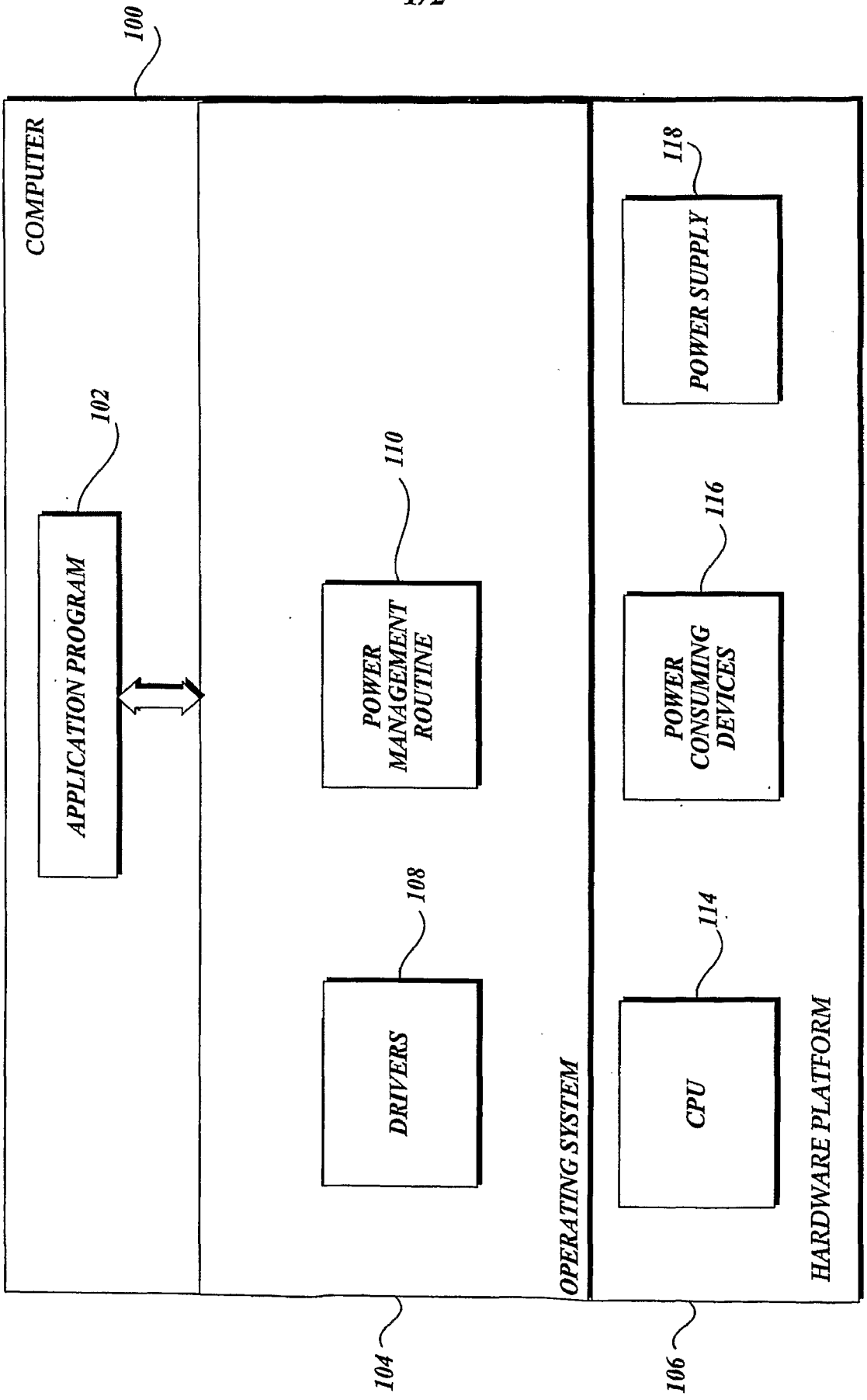

100
COMPUTER
102
APPLICATION PROGRAM
110
POWER MANAGEMENT ROUTINE
108
DRIVERS
OPERATING SYSTEM
118
POWER SUPPLY
116
POWER CONSUMING DEVICES
114
CPU
HARDWARE PLATFORM
104
106

Fig. 1.

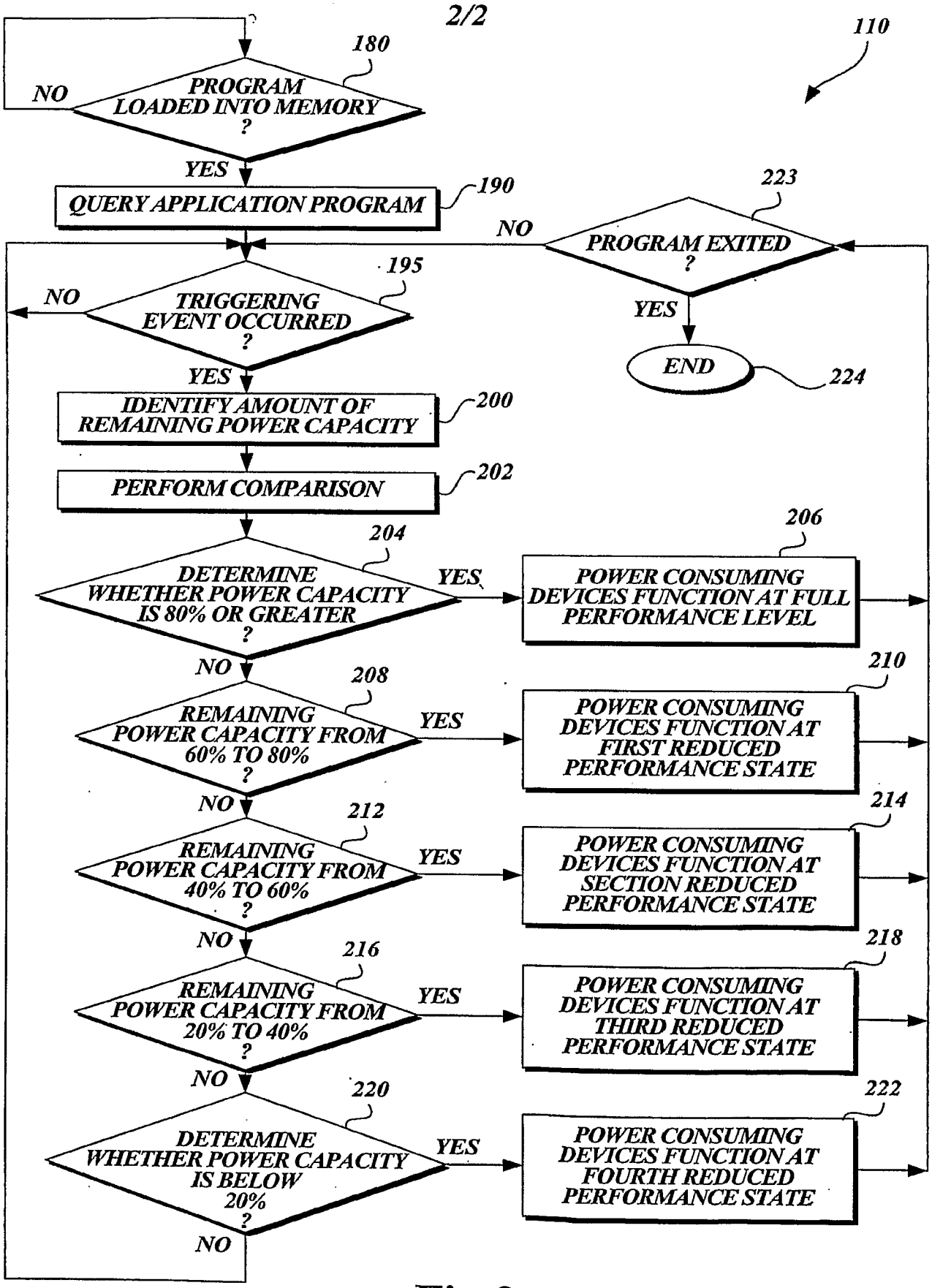

110
180
PROGRAM LOADED INTO MEMORY ?
NO
YES
190
QUERY APPLICATION PROGRAM
223
PROGRAM EXITED ?
NO
YES
END
224
195
TRIGGERING EVENT OCCURRED ?
NO
YES
200
IDENTIFY AMOUNT OF REMAINING POWER CAPACITY
202
PERFORM COMPARISON
204
DETERMINE WHETHER POWER CAPACITY IS 80% OR GREATER ?
YES
206
POWER CONSUMING DEVICES FUNCTION AT FULL PERFORMANCE LEVEL
NO
208
REMAINING POWER CAPACITY FROM 60% TO 80% ?
YES
210
POWER CONSUMING DEVICES FUNCTION AT FIRST REDUCED PERFORMANCE STATE
NO
212
REMAINING POWER CAPACITY FROM 40% TO 60% ?
YES
214
POWER CONSUMING DEVICES FUNCTION AT SECTION REDUCED PERFORMANCE STATE
NO
216
REMAINING POWER CAPACITY FROM 20% TO 40% ?
YES
218
POWER CONSUMING DEVICES FUNCTION AT THIRD REDUCED PERFORMANCE STATE
NO
220
DETERMINE WHETHER POWER CAPACITY IS BELOW 20% ?
YES
222
POWER CONSUMING DEVICES FUNCTION AT FOURTH REDUCED PERFORMANCE STATE
NO

*Fig.2.*