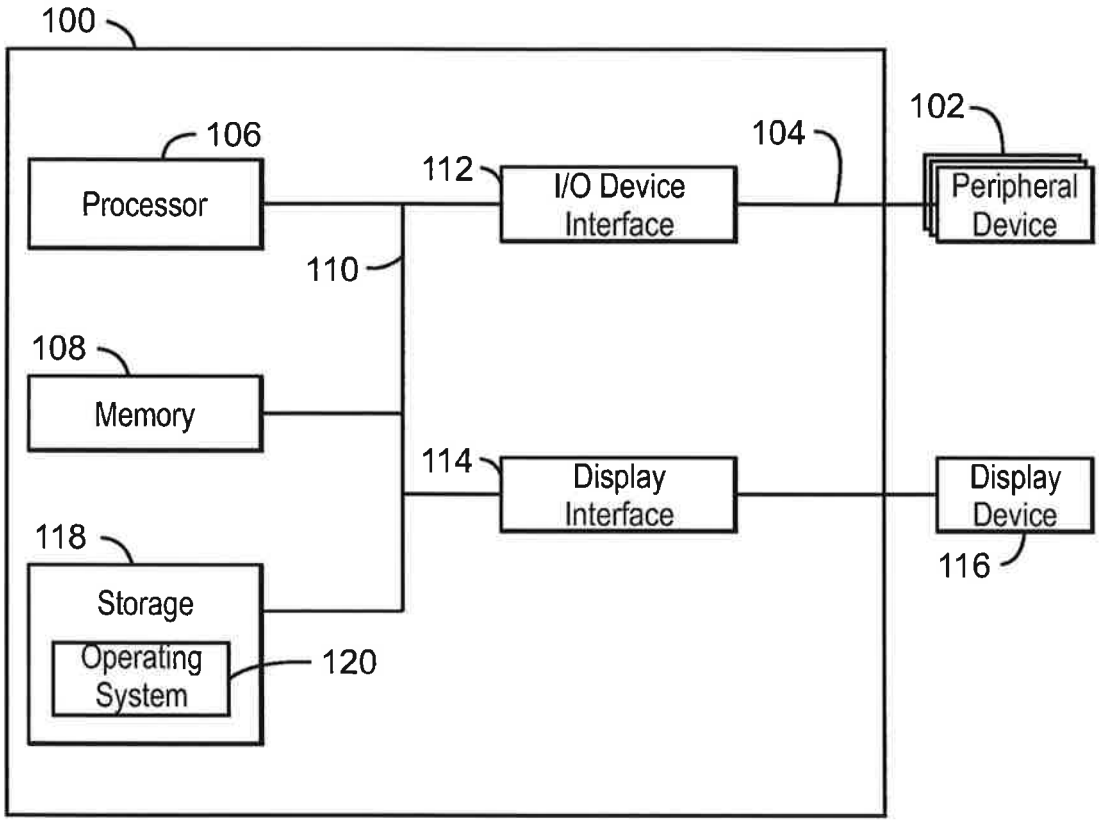
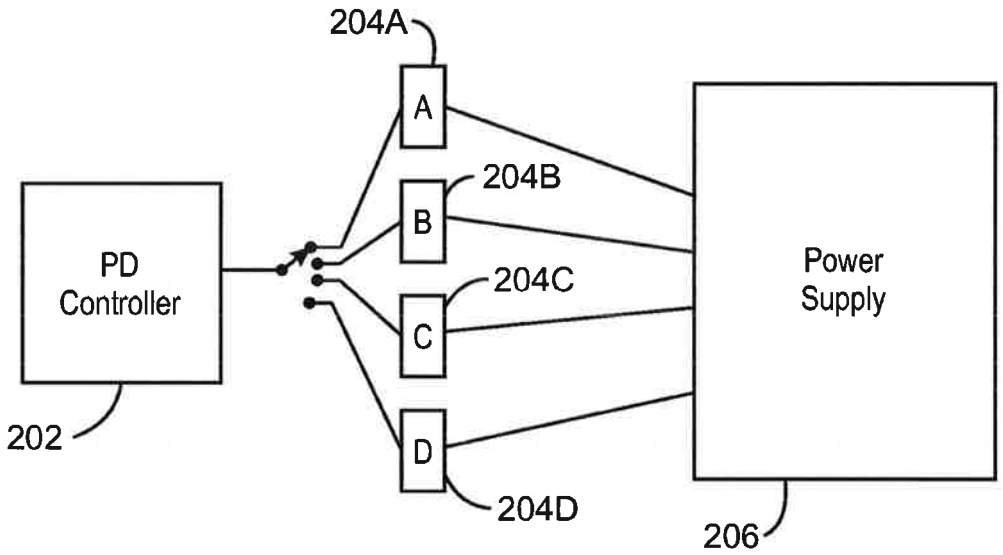
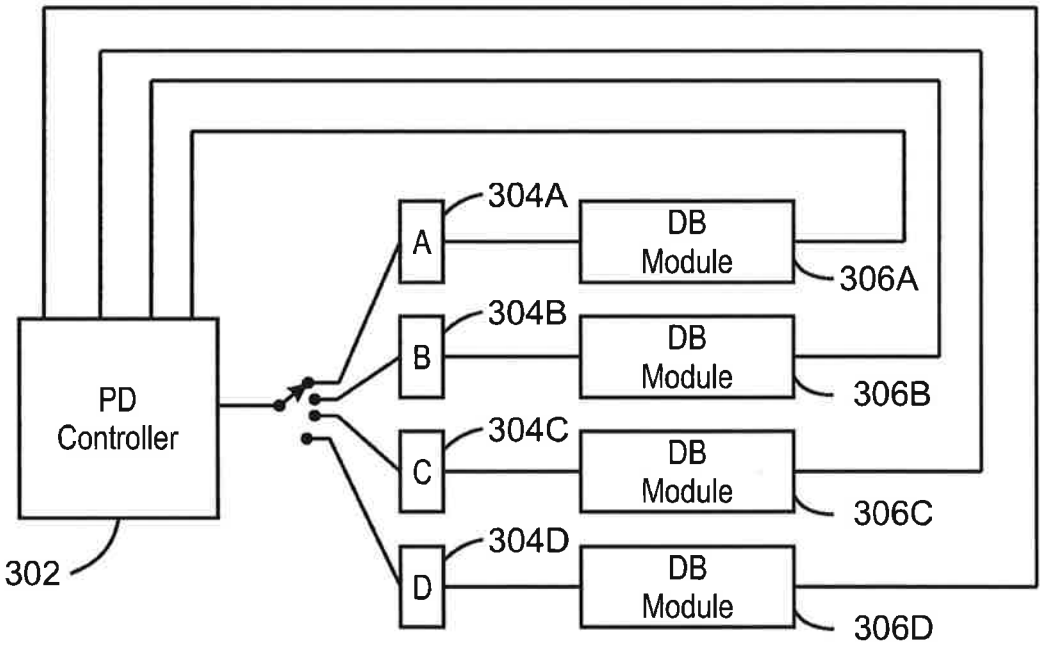

100
106
Processor
112
I/O Device Interface
104
102
Peripheral Device
110
108
Memory
114
Display Interface
Display Device
116
118
Storage
Operating System
120

FIG. 1



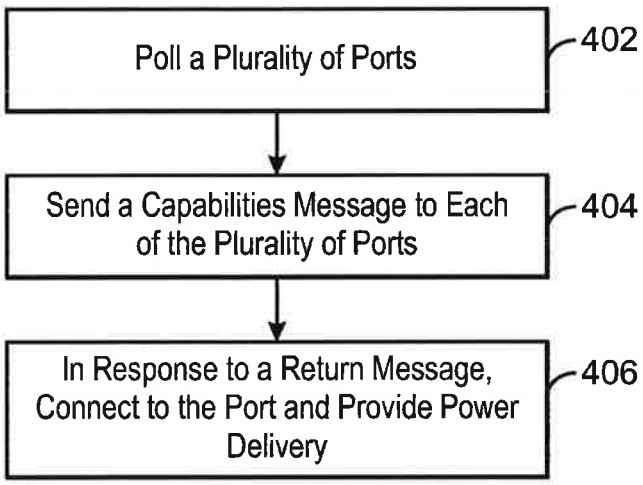
200

FIG. 2


PD
Controller
302
A
B
C
D
304A
304B
304C
304D
DB
Module
DB
Module
DB
Module
DB
Module
306A
306B
306C
306D

300

FIG. 3


Poll a Plurality of Ports
402
Send a Capabilities Message to Each of the Plurality of Ports
404
In Response to a Return Message, Connect to the Port and Provide Power Delivery
406

400

FIG. 4

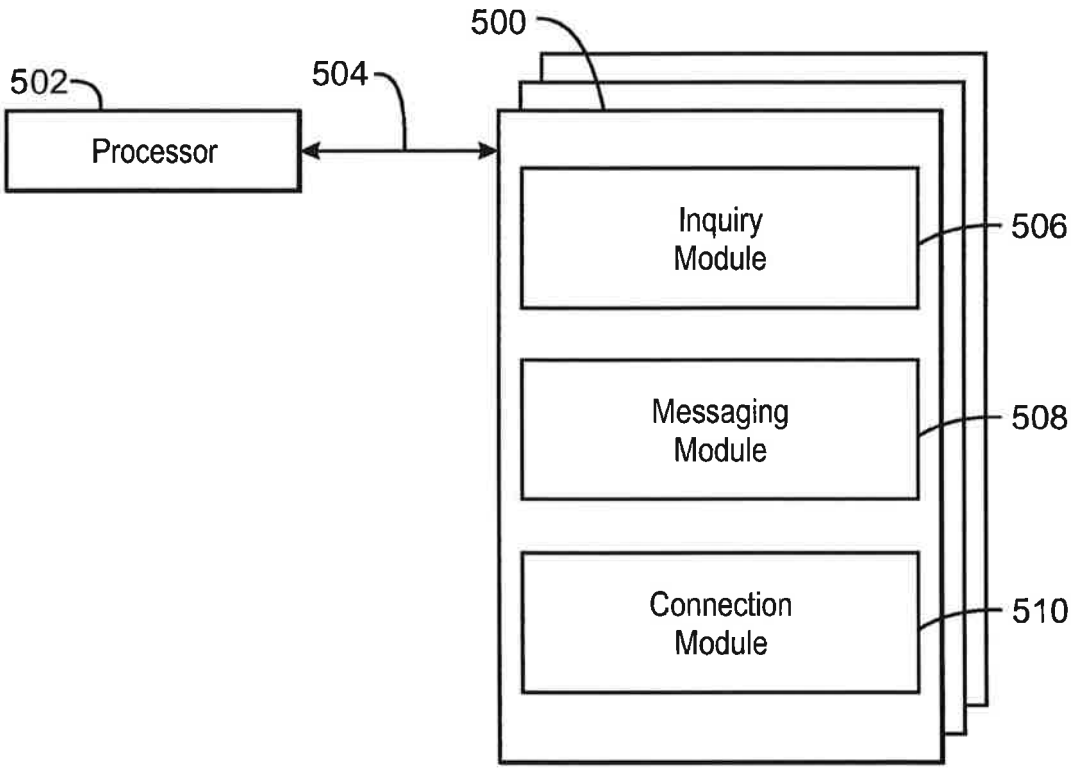

500
502
504
Processor
Inquiry Module
506
Messaging Module
508
Connection Module
510

FIG. 5

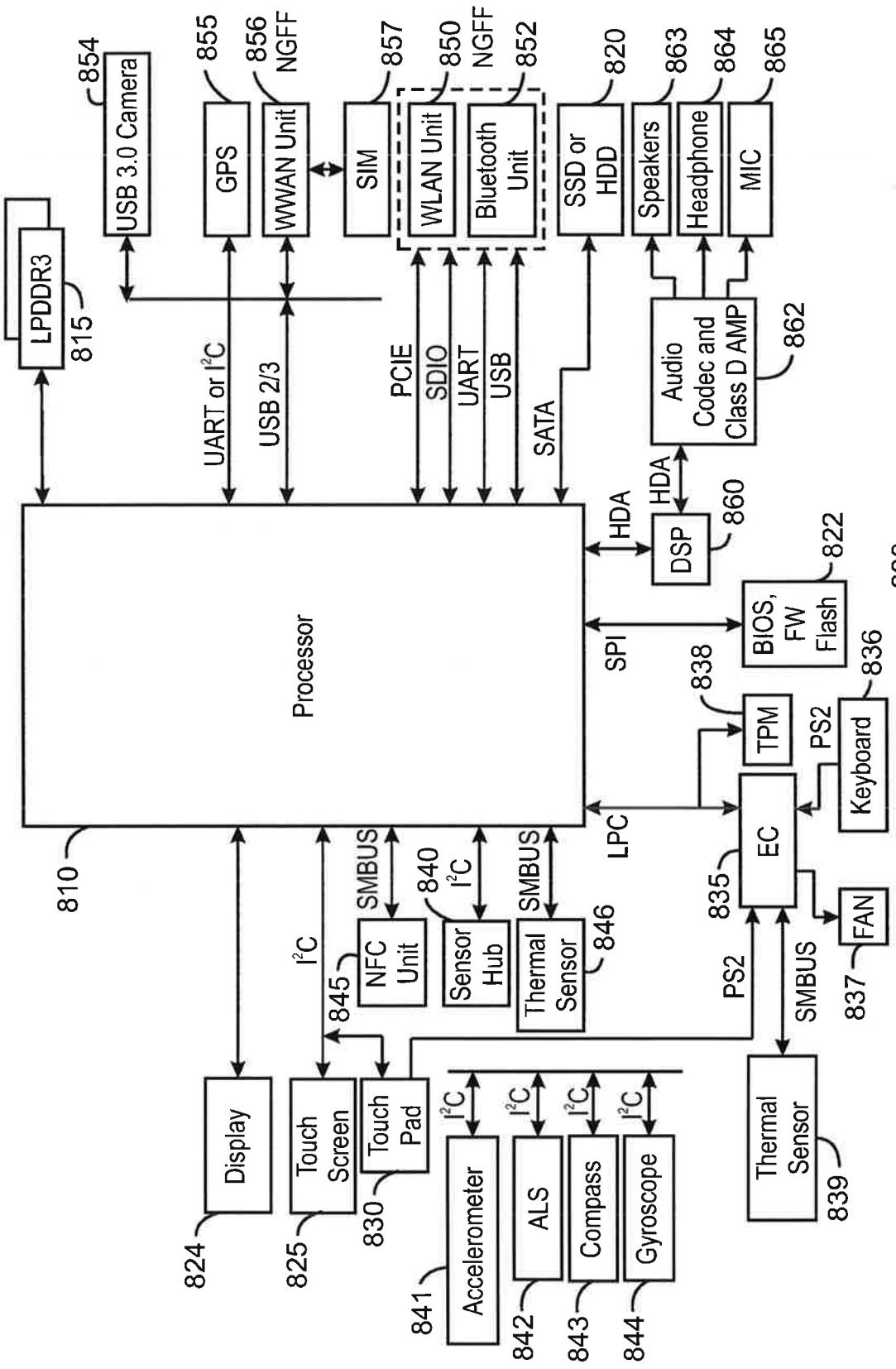

Processor
810
LPDDR3
815
USB 3.0 Camera
854
GPS
855
WWAN Unit
856
NGFF
SIM
857
WLAN Unit
850
NGFF
Bluetooth Unit
852
SSD or HDD
820
Speakers
863
Headphone
864
MIC
865
Audio Codec and Class D AMP
862
DSP
860
BIOS, FW Flash
822
TPM
838
Keyboard
836
EC
835
FAN
837
NFC Unit
845
Sensor Hub
840
Thermal Sensor
846
Thermal Sensor
839
Display
824
Touch Screen
825
Touch Pad
830
Accelerometer
841
ALS
842
Compass
843
Gyroscope
844
UART or I²C
USB 2/3
PCIE
SDIO
UART
USB
SATA
HDA
HDA
SPI
LPC
SMBUS
I²C
SMBUS
I²C
PS2
SMBUS
PS2
I²C
I²C
I²C
I²C
800

FIG. 8