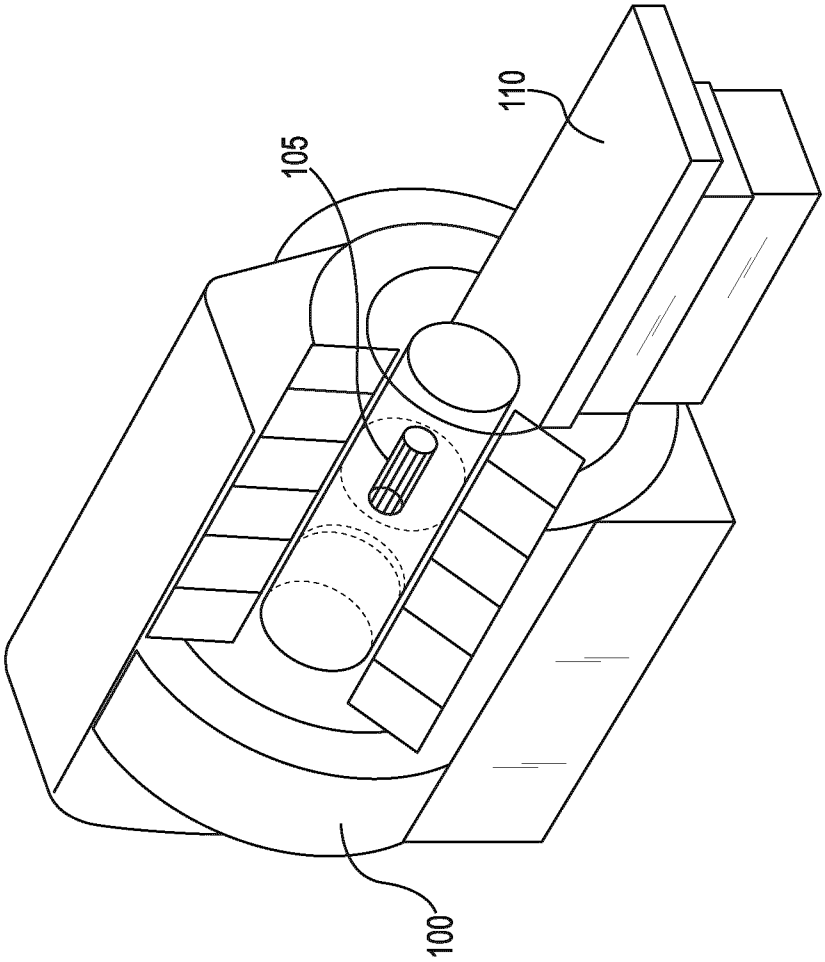

FIG. 1

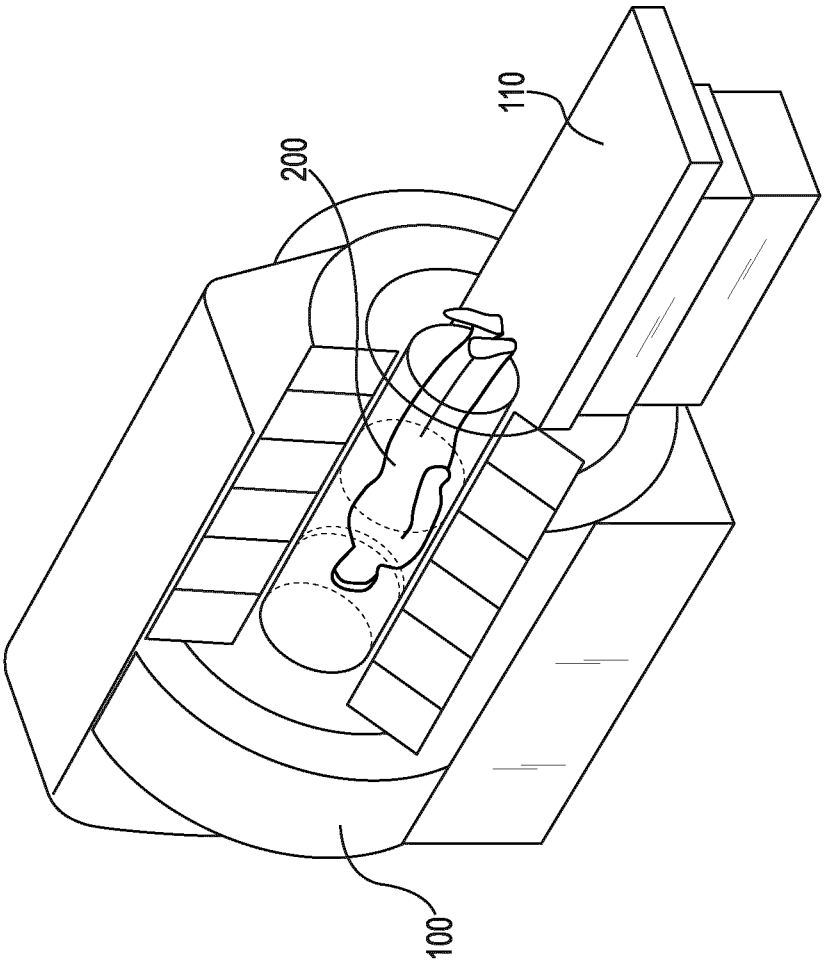

FIG. 2

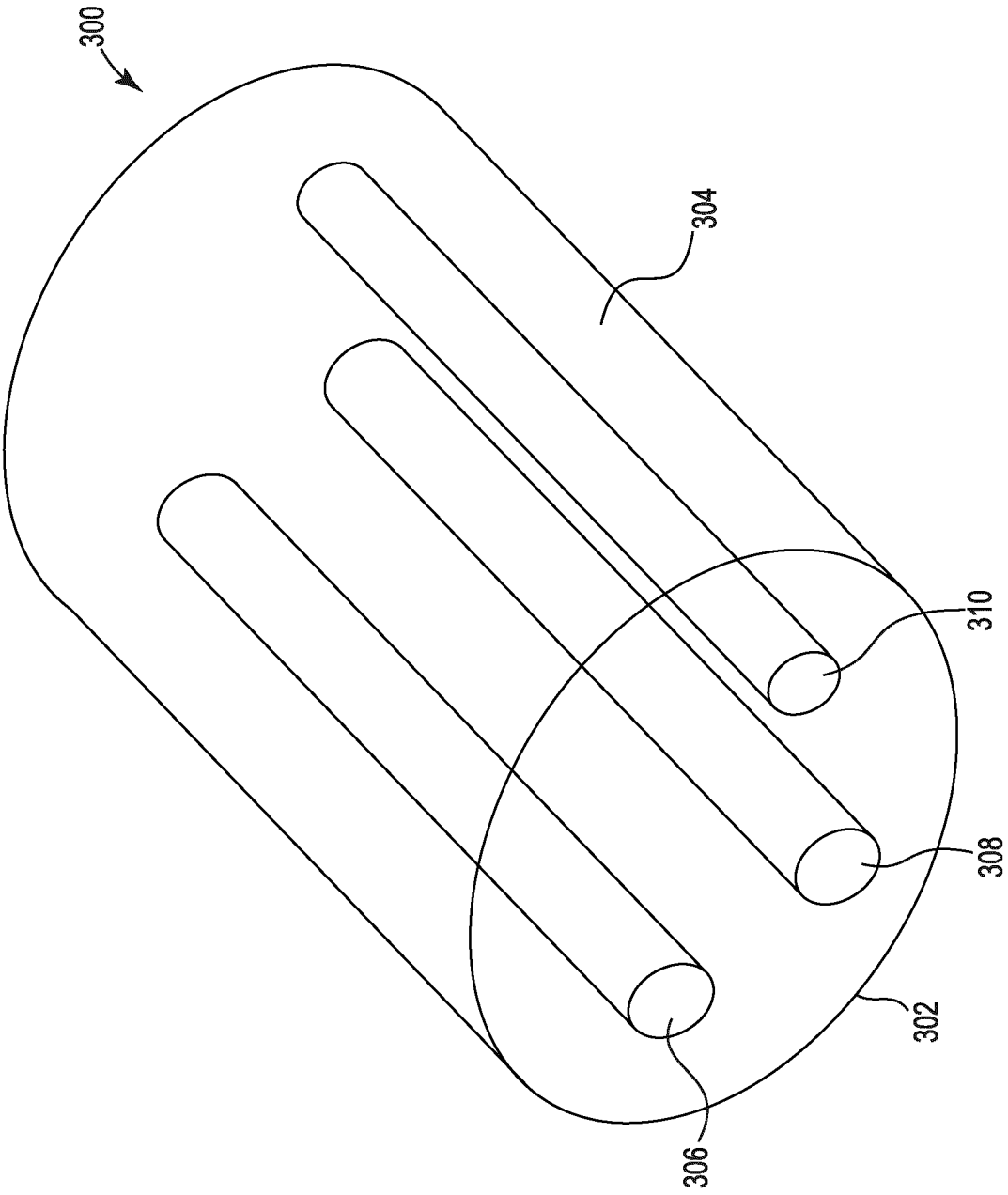

FIG. 3A

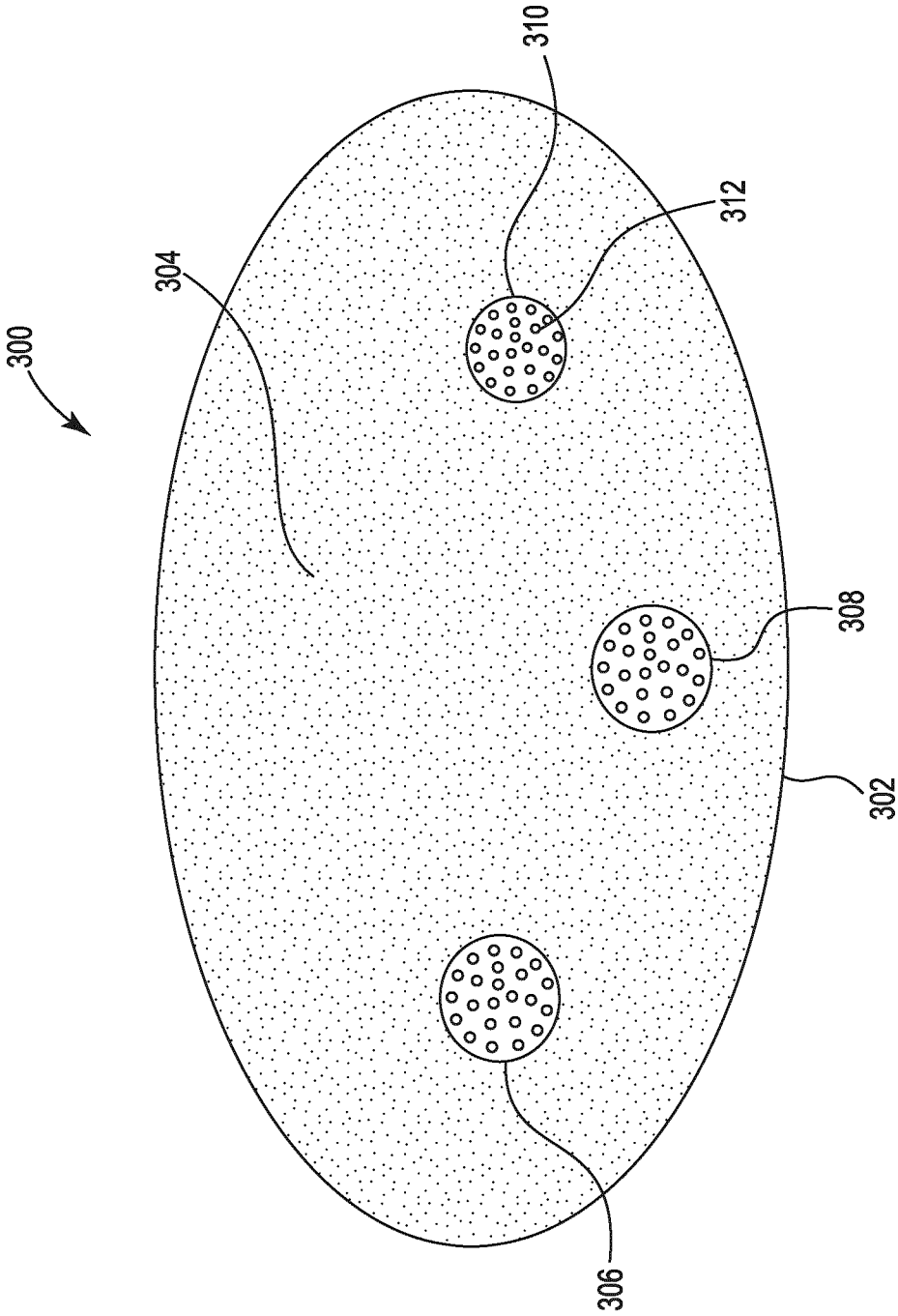

FIG. 3B

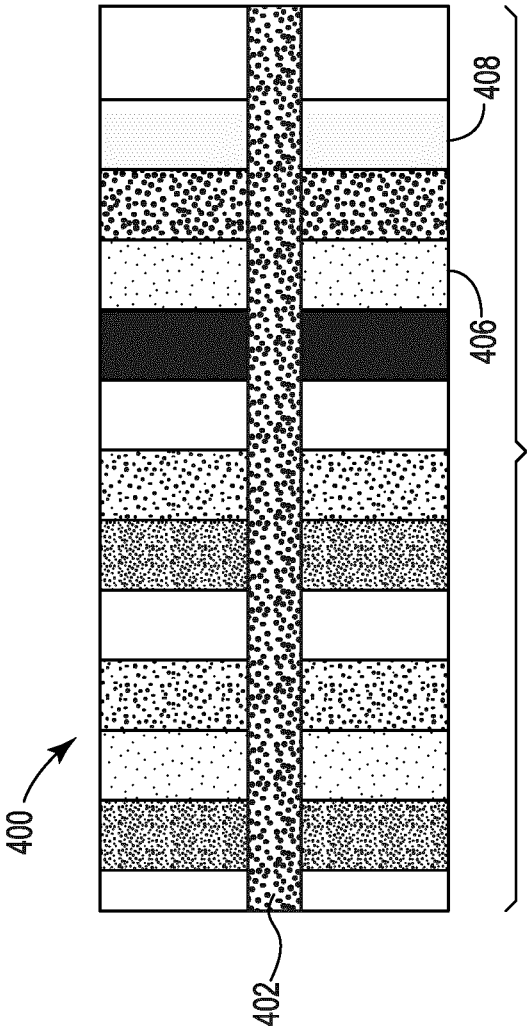

FIG. 4

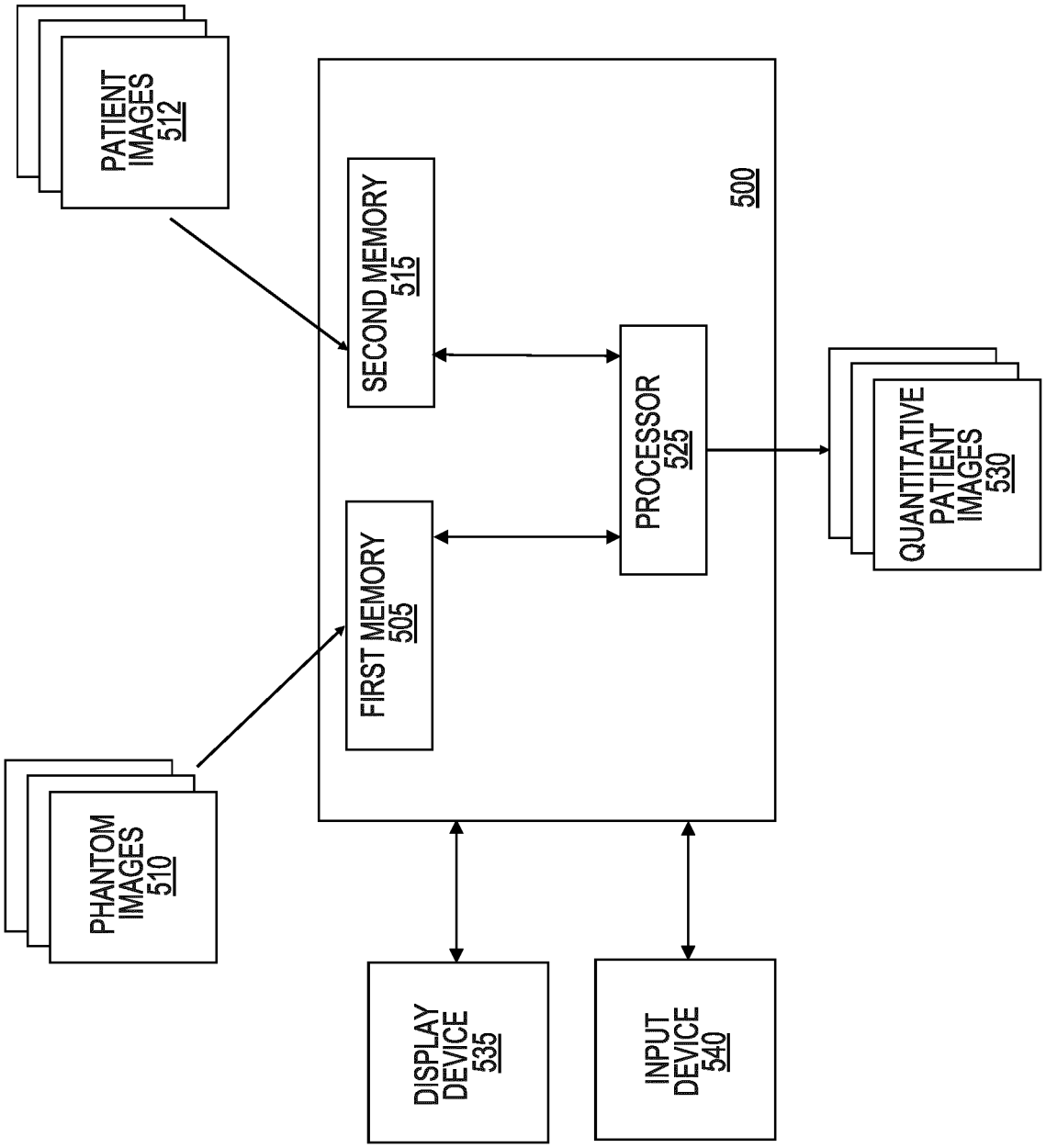
PATIENT IMAGES 512
SECOND MEMORY 515
500
PROCESSOR 525
QUANTITATIVE PATIENT IMAGES 530
FIRST MEMORY 505
PHANTOM IMAGES 510
DISPLAY DEVICE 535
INPUT DEVICE 540

FIG. 5

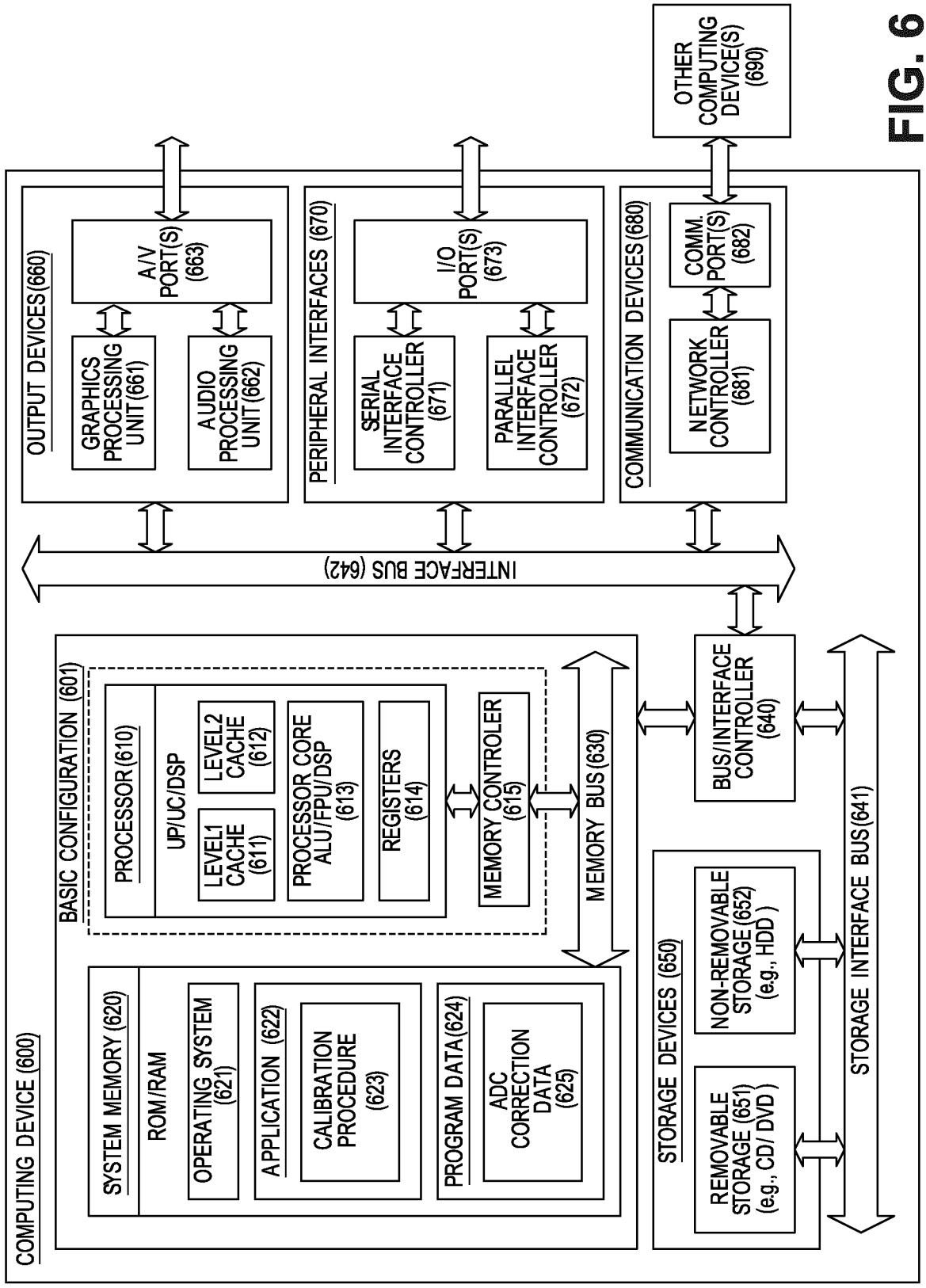
COMPUTING DEVICE (600)
BASIC CONFIGURATION (601)
PROCESSOR (610)
UP/UC/DSP
LEVEL1 CACHE (611)
LEVEL2 CACHE (612)
PROCESSOR CORE ALU/FPU/DSP (613)
REGISTERS (614)
MEMORY CONTROLER (615)
SYSTEM MEMORY (620)
ROM/RAM
OPERATING SYSTEM (621)
APPLICATION (622)
CALIBRATION PROCEDURE (623)
PROGRAM DATA (624)
ADC CORRECTION DATA (625)
MEMORY BUS (630)
BUS/INTERFACE CONTROLLER (640)
STORAGE INTERFACE BUS (641)
STORAGE DEVICES (650)
REMOVABLE STORAGE (651) (e.g., CD/ DVD)
NON-REMOVABLE STORAGE (652) (e.g., HDD)
INTERFACE BUS (642)
OUTPUT DEVICES (660)
GRAPHICS PROCESSING UNIT (661)
AUDIO PROCESSING UNIT (662)
A/V PORT(S) (663)
PERIPHERAL INTERFACES (670)
SERIAL INTERFACE CONTROLLER (671)
PARALLEL INTERFACE CONTROLLER (672)
I/O PORT(S) (673)
COMMUNICATION DEVICES (680)
NETWORK CONTROLLER (681)
COMM. PORT(S) (682)
OTHER COMPUTING DEVICE(S) (690)

FIG. 6

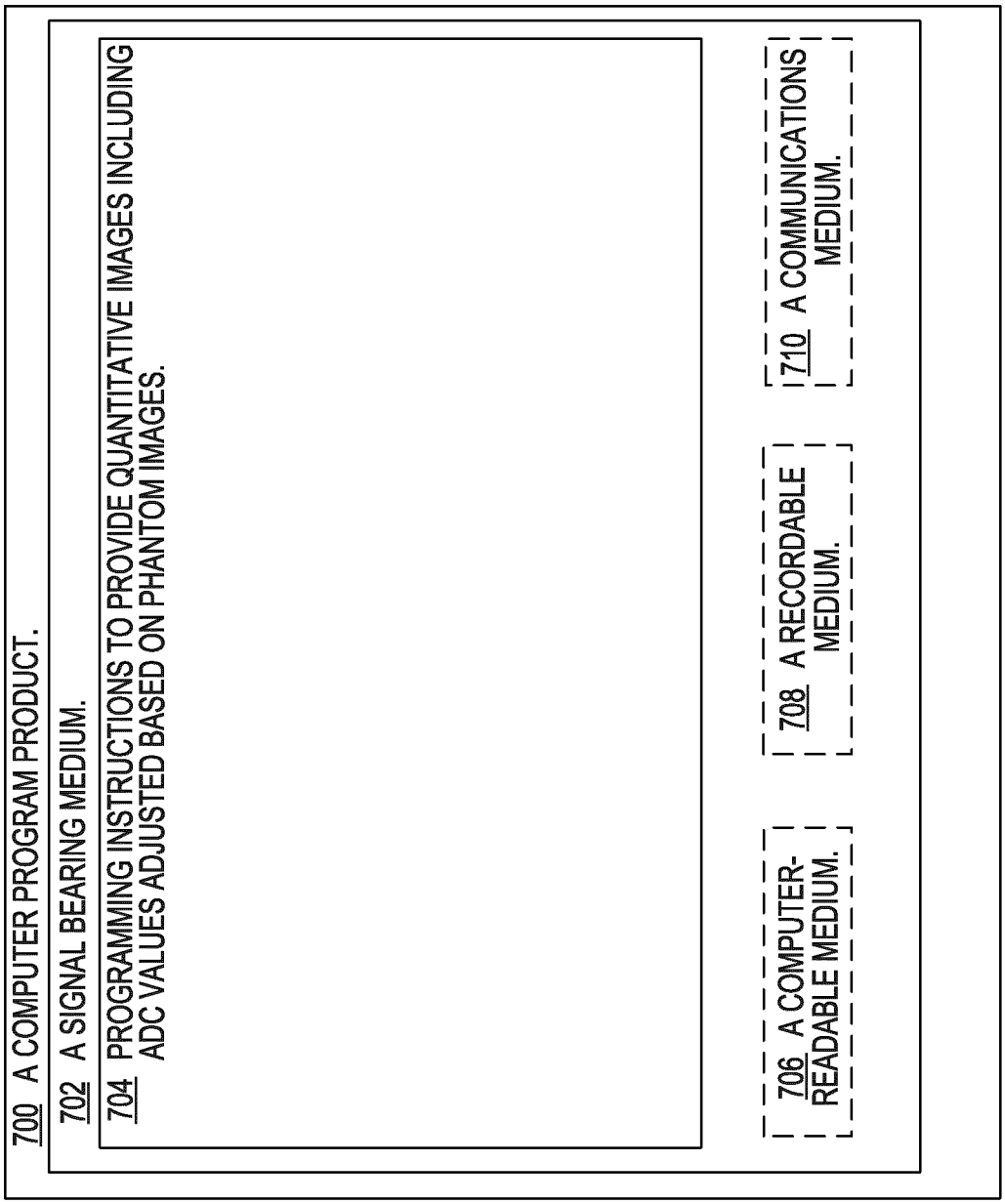
700 A COMPUTER PROGRAM PRODUCT.
702 A SIGNAL BEARING MEDIUM.
704 PROGRAMMING INSTRUCTIONS TO PROVIDE QUANTITATIVE IMAGES INCLUDING ADC VALUES ADJUSTED BASED ON PHANTOM IMAGES.
706 A COMPUTER-READABLE MEDIUM.
708 A RECORDABLE MEDIUM.
710 A COMMUNICATIONS MEDIUM.

FIG. 7