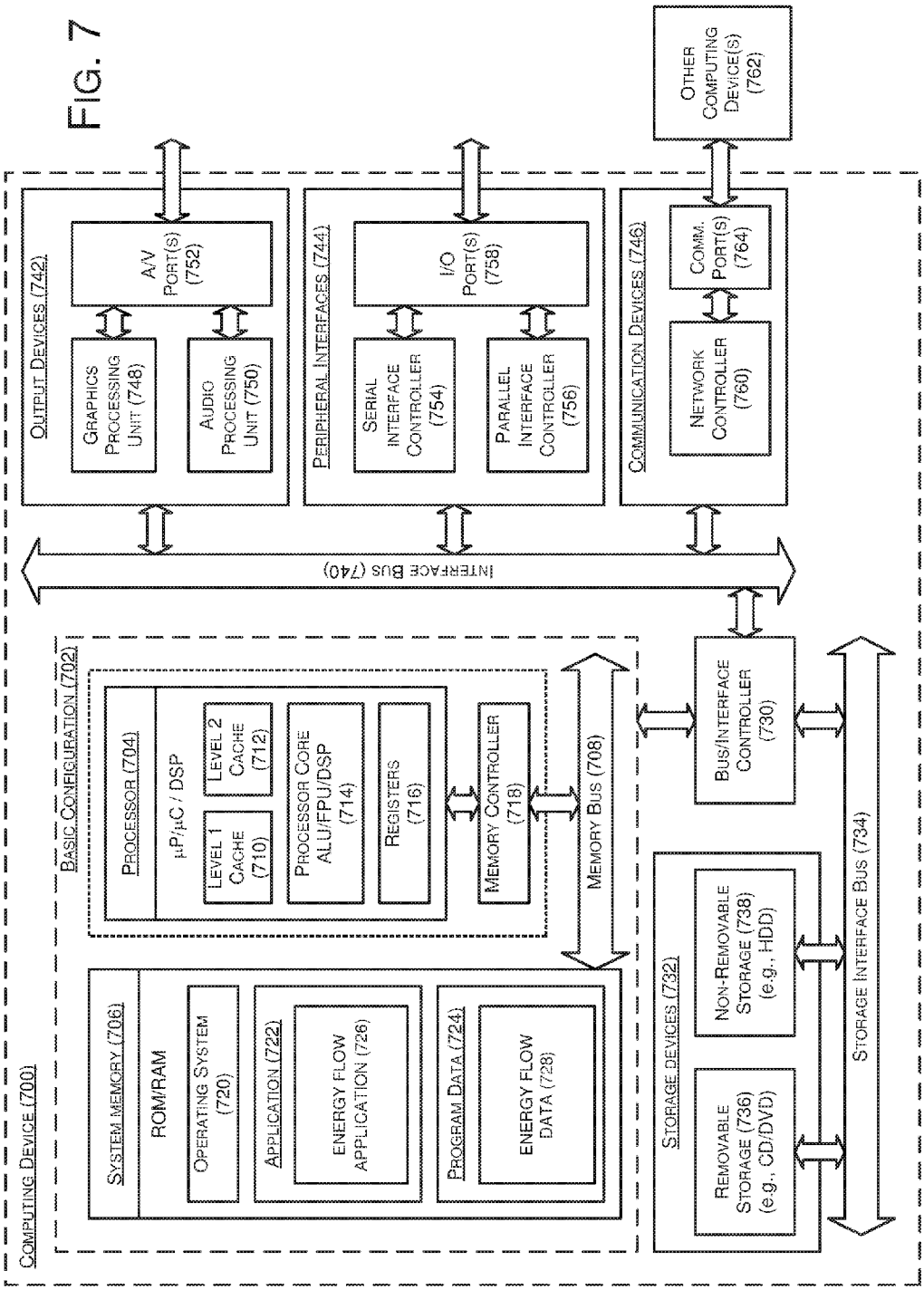
FIG. 7


COMPUTING DEVICE (700)
BASIC CONFIGURATION (702)
PROCESSOR (704)
μP/μC / DSP
LEVEL 1 CACHE (710)
LEVEL 2 CACHE (712)
PROCESSOR CORE ALU/FPU/DSP (714)
REGISTERS (716)
MEMORY CONTROLLER (718)
MEMORY BUS (708)
SYSTEM MEMORY (706)
ROM/RAM
OPERATING SYSTEM (720)
APPLICATION (722)
ENERGY FLOW APPLICATION (726)
PROGRAM DATA (724)
ENERGY FLOW DATA (728)
OUTPUT DEVICES (742)
GRAPHICS PROCESSING UNIT (748)
AUDIO PROCESSING UNIT (750)
A/V PORT(S) (752)
PERIPHERAL INTERFACES (744)
SERIAL INTERFACE CONTROLLER (754)
PARALLEL INTERFACE CONTROLLER (756)
I/O PORT(S) (758)
COMMUNICATION DEVICES (746)
NETWORK CONTROLLER (760)
COMM. PORT(S) (764)
OTHER COMPUTING DEVICE(S) (762)
INTERFACE BUS (740)
BUS/INTERFACE CONTROLLER (730)
STORAGE DEVICES (732)
REMOVABLE STORAGE (736) (e.g., CD/DVD)
NON-REMOVABLE STORAGE (738) (e.g., HDD)
STORAGE INTERFACE BUS (734)