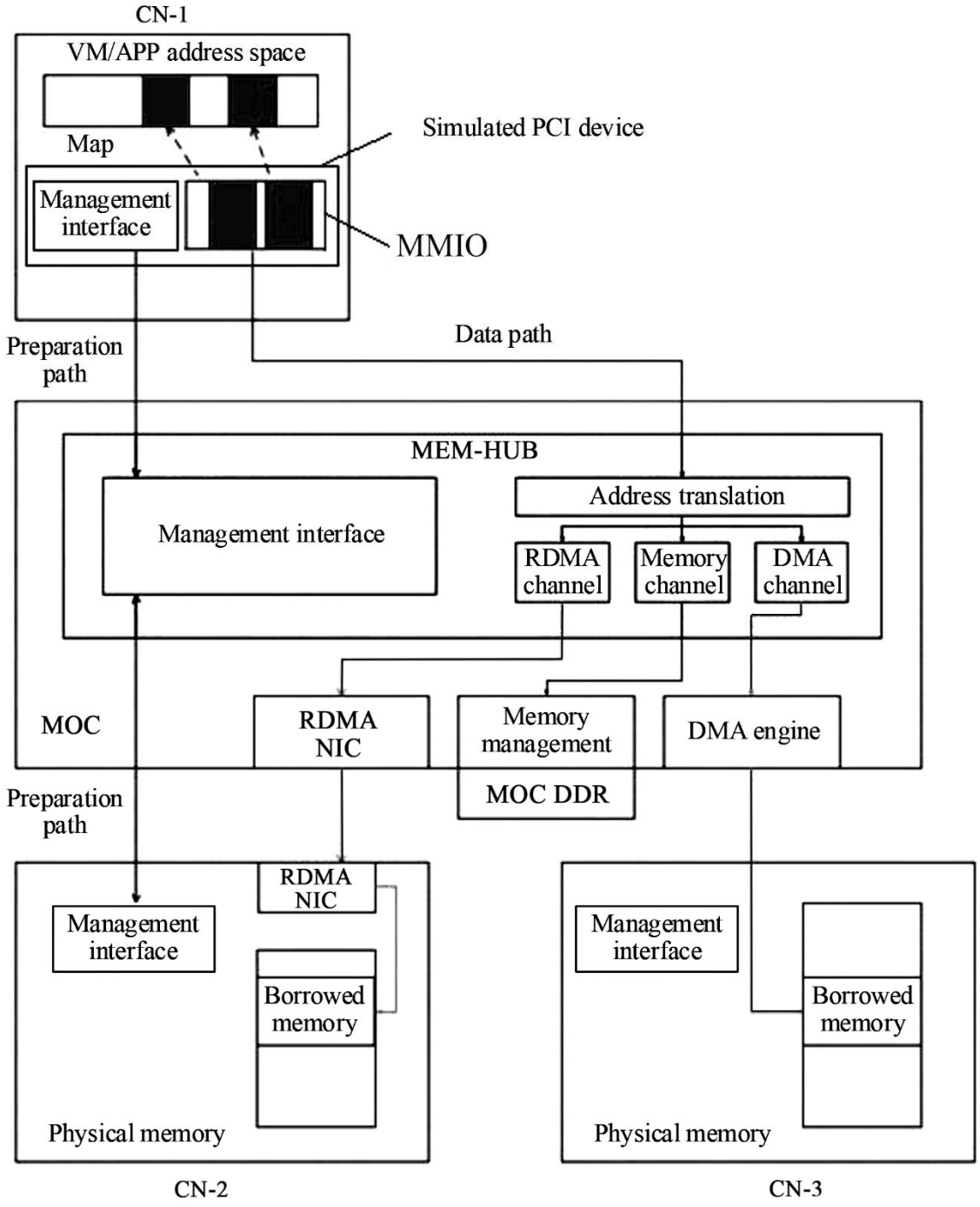

CN-1
VM/APP address space
Map
Simulated PCI device
Management interface
MMIO
Preparation path
Data path
MEM-HUB
Management interface
Address translation
RDMA channel
Memory channel
DMA channel
MOC
RDMA NIC
Memory management
MOC DDR
DMA engine
Preparation path
RDMA NIC
Management interface
Borrowed memory
Physical memory
CN-2
Management interface
Borrowed memory
Physical memory
CN-3

FIG. 1

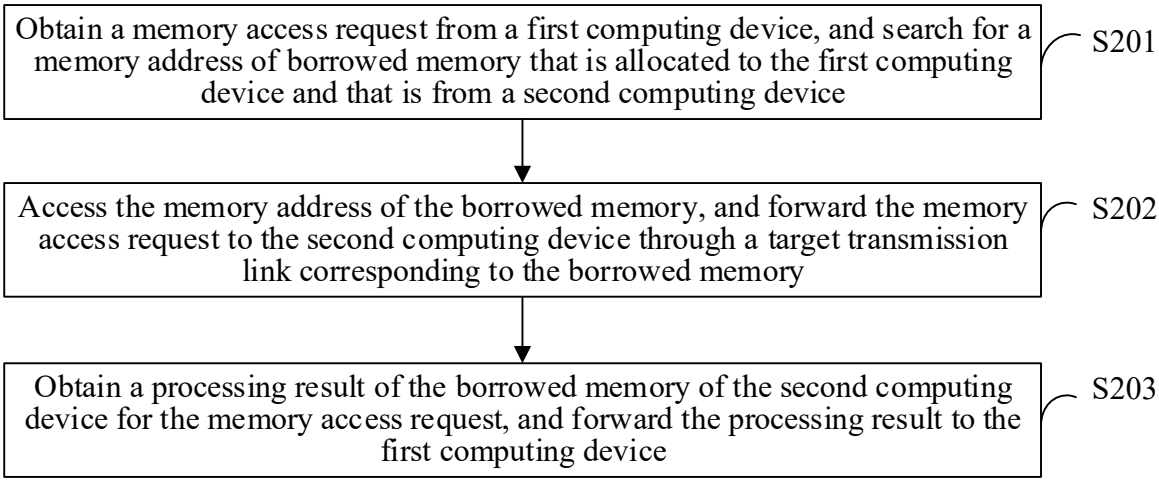


FIG. 2

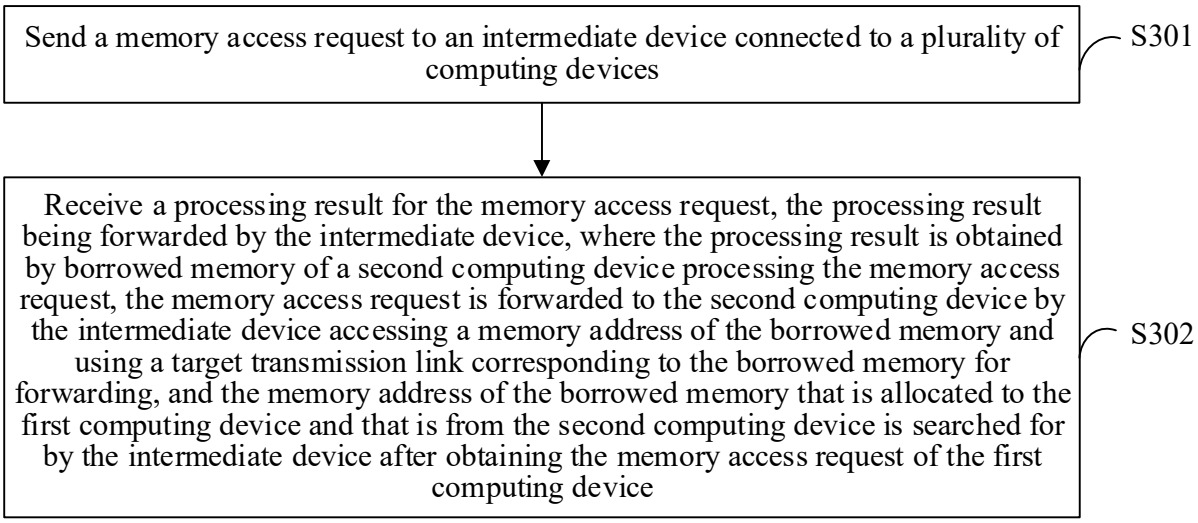


FIG. 3

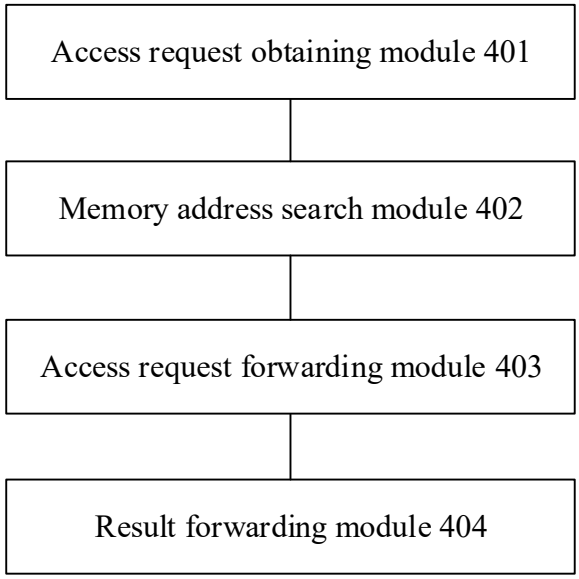


FIG. 4

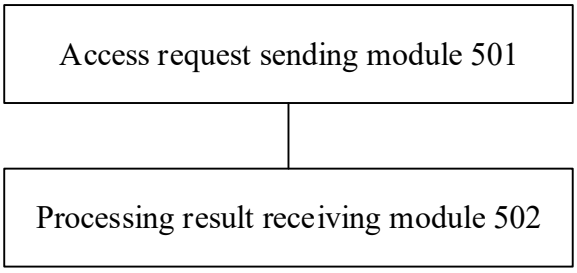


FIG. 5

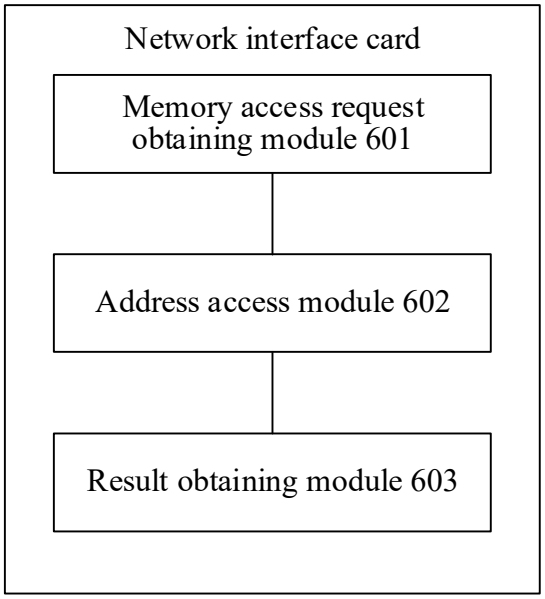


FIG. 6

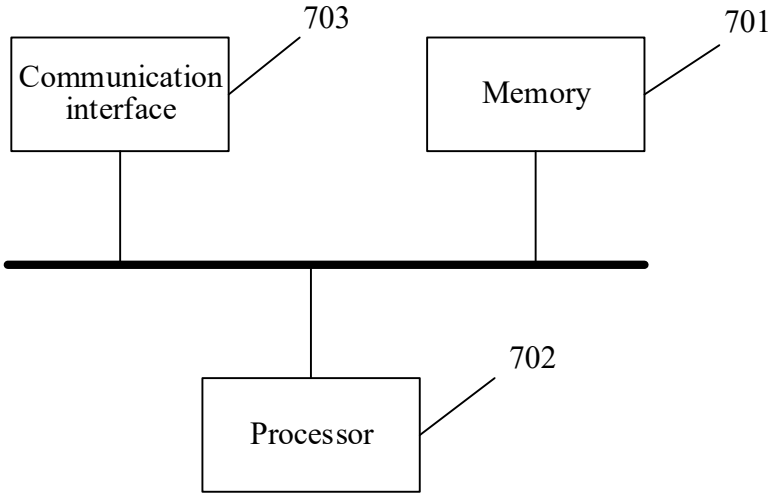


FIG. 7