

FIG. 1A

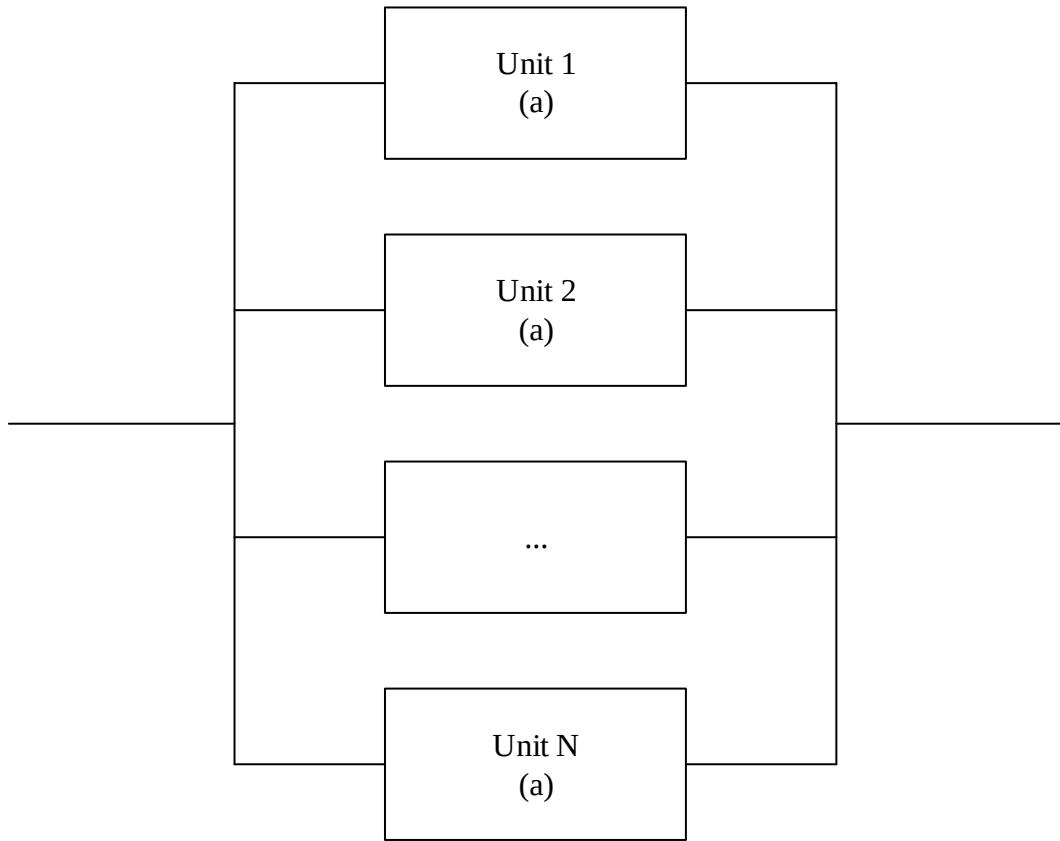
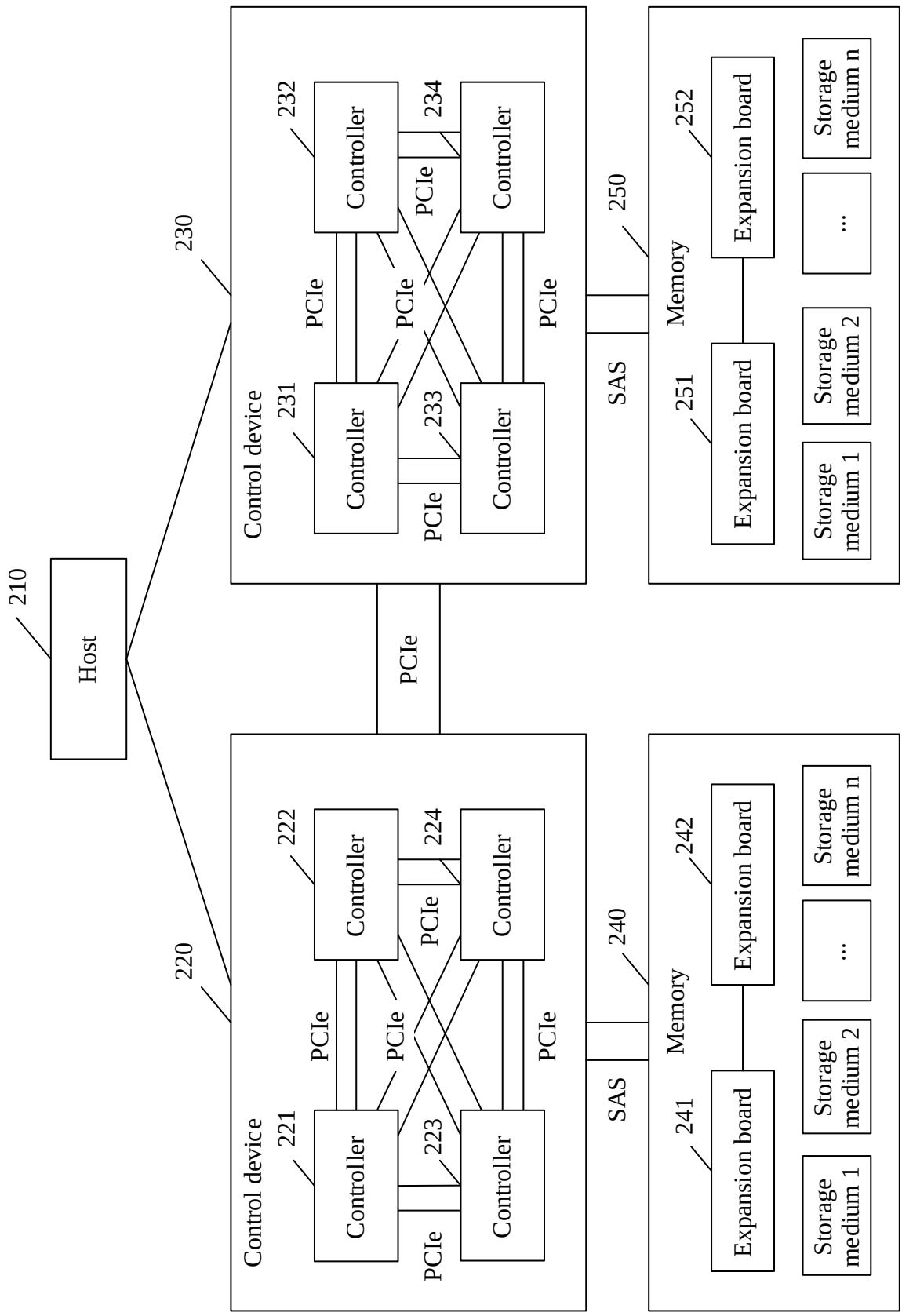


FIG. 1B



PCIe: a peripheral component interconnect express interface
SAS: a serial attached small computer system interface

FIG. 2A

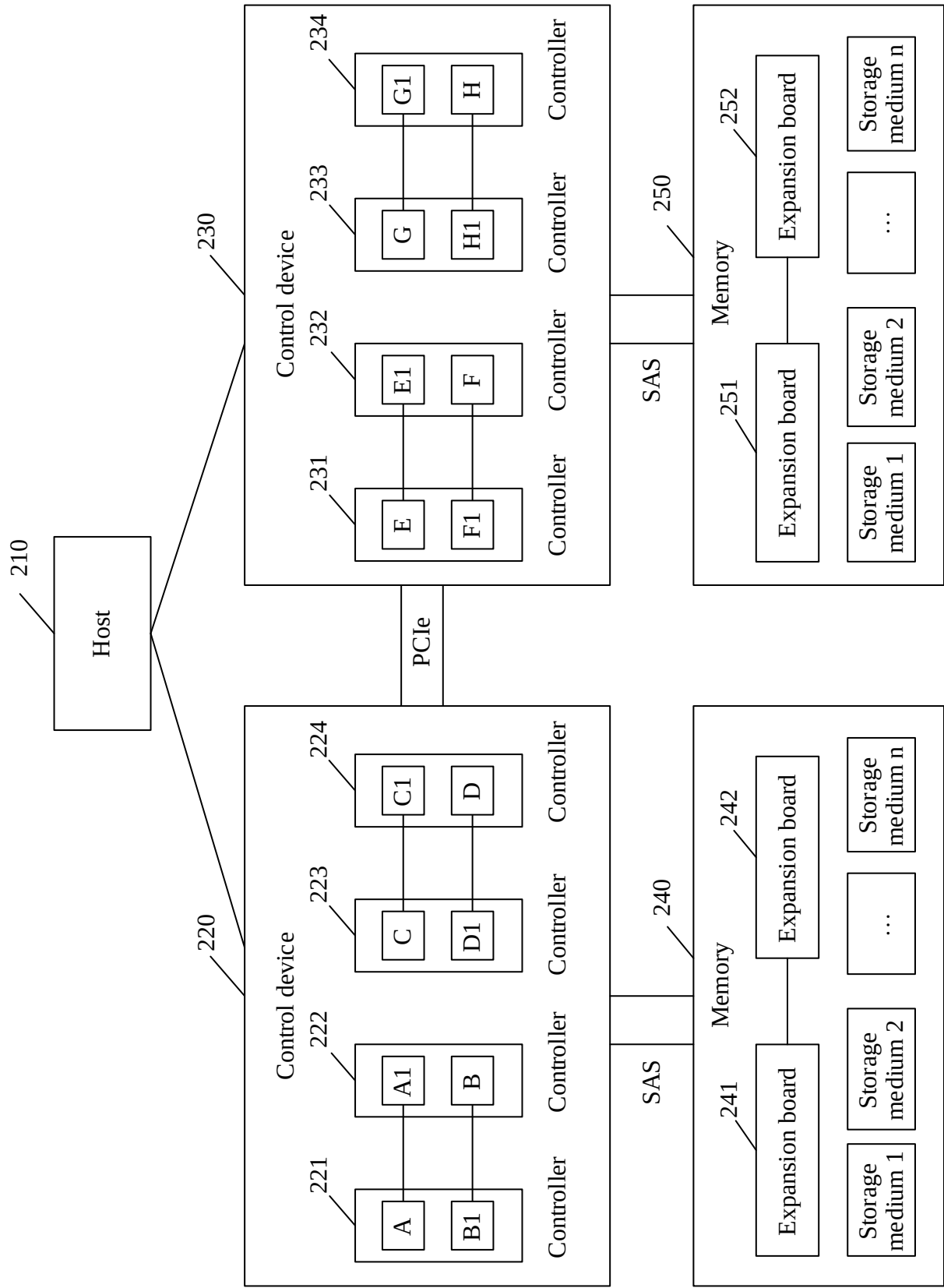
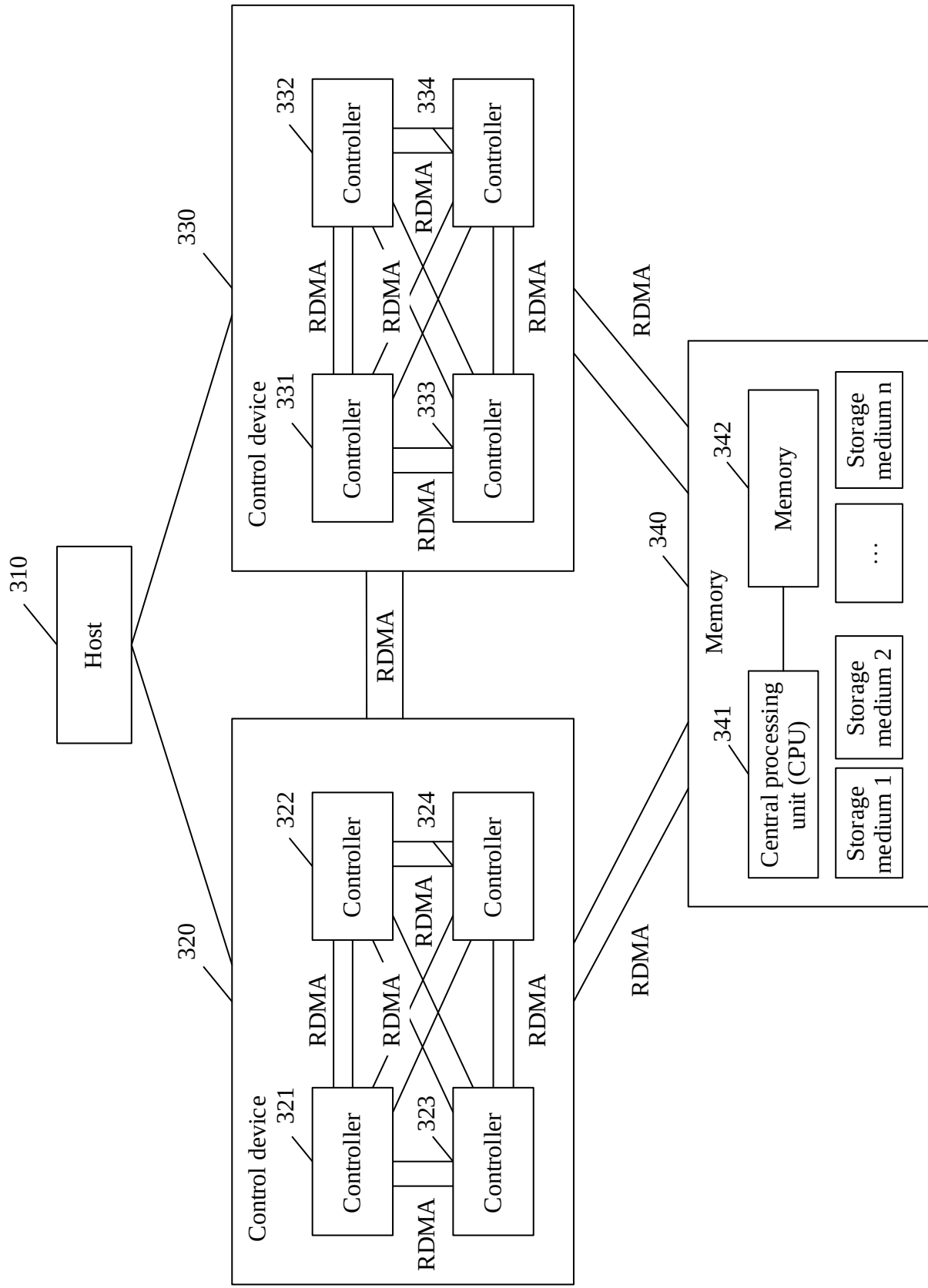


FIG. 2B



RDMA: remote direct memory access

FIG. 3

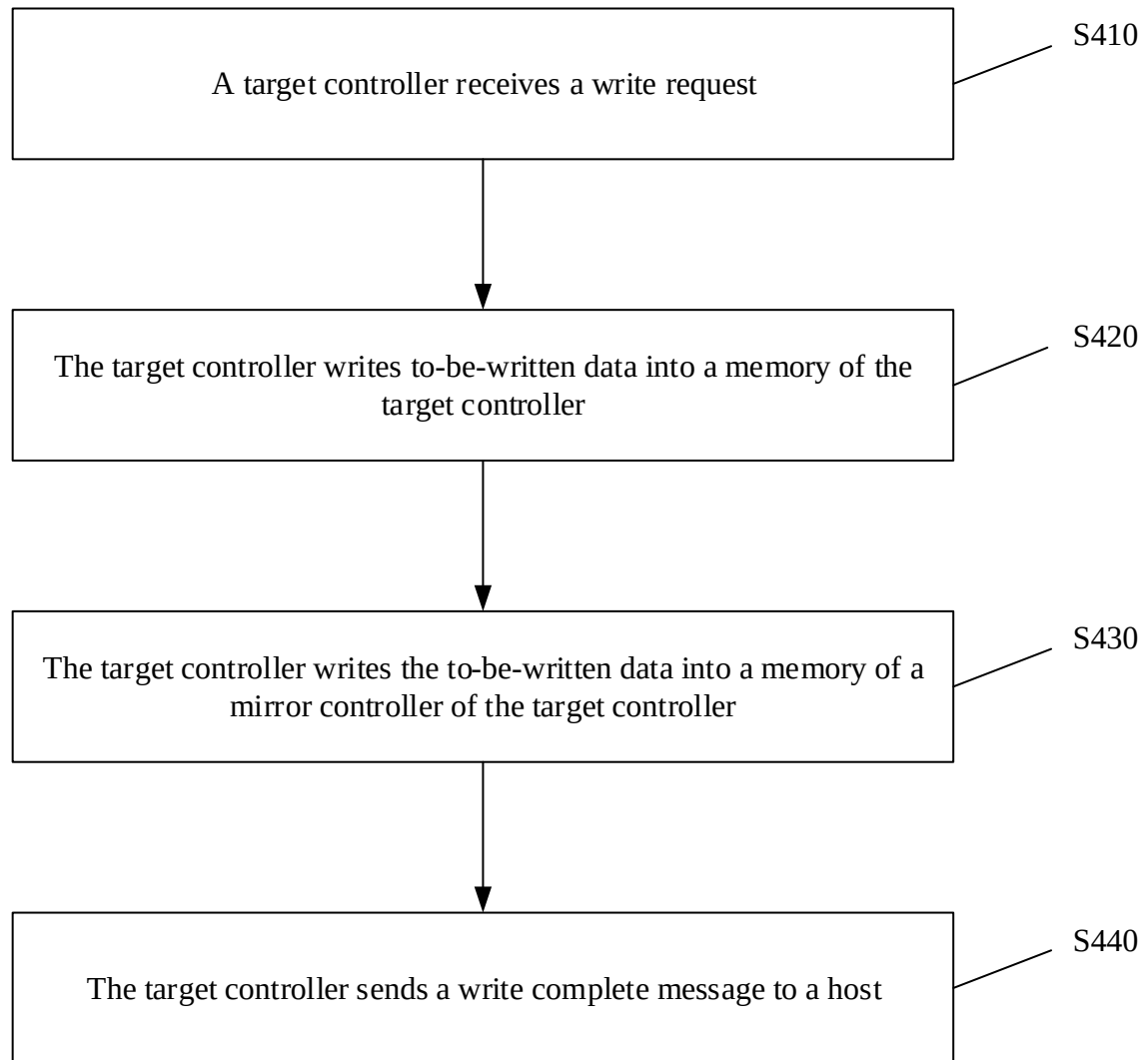


FIG. 4

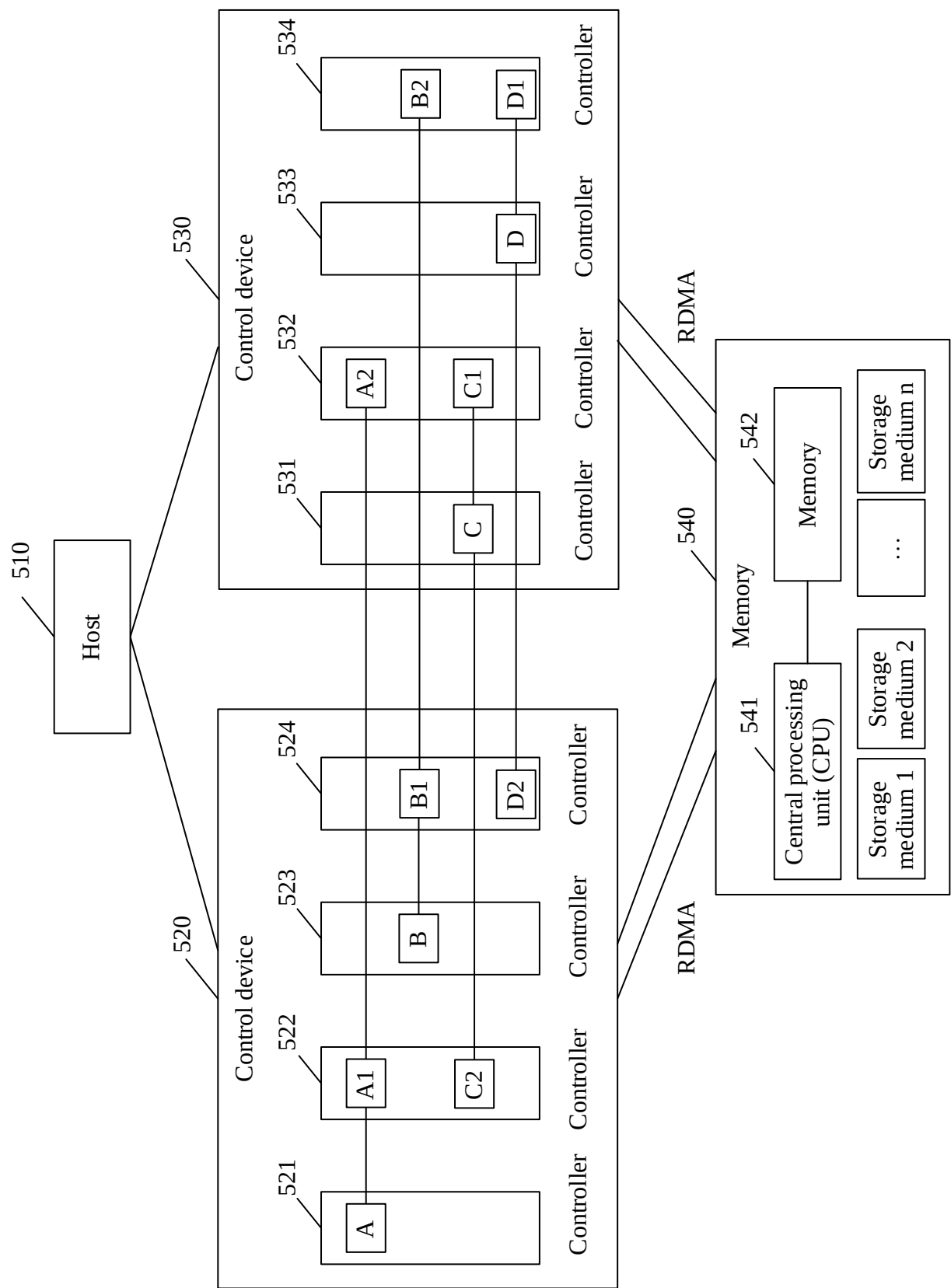
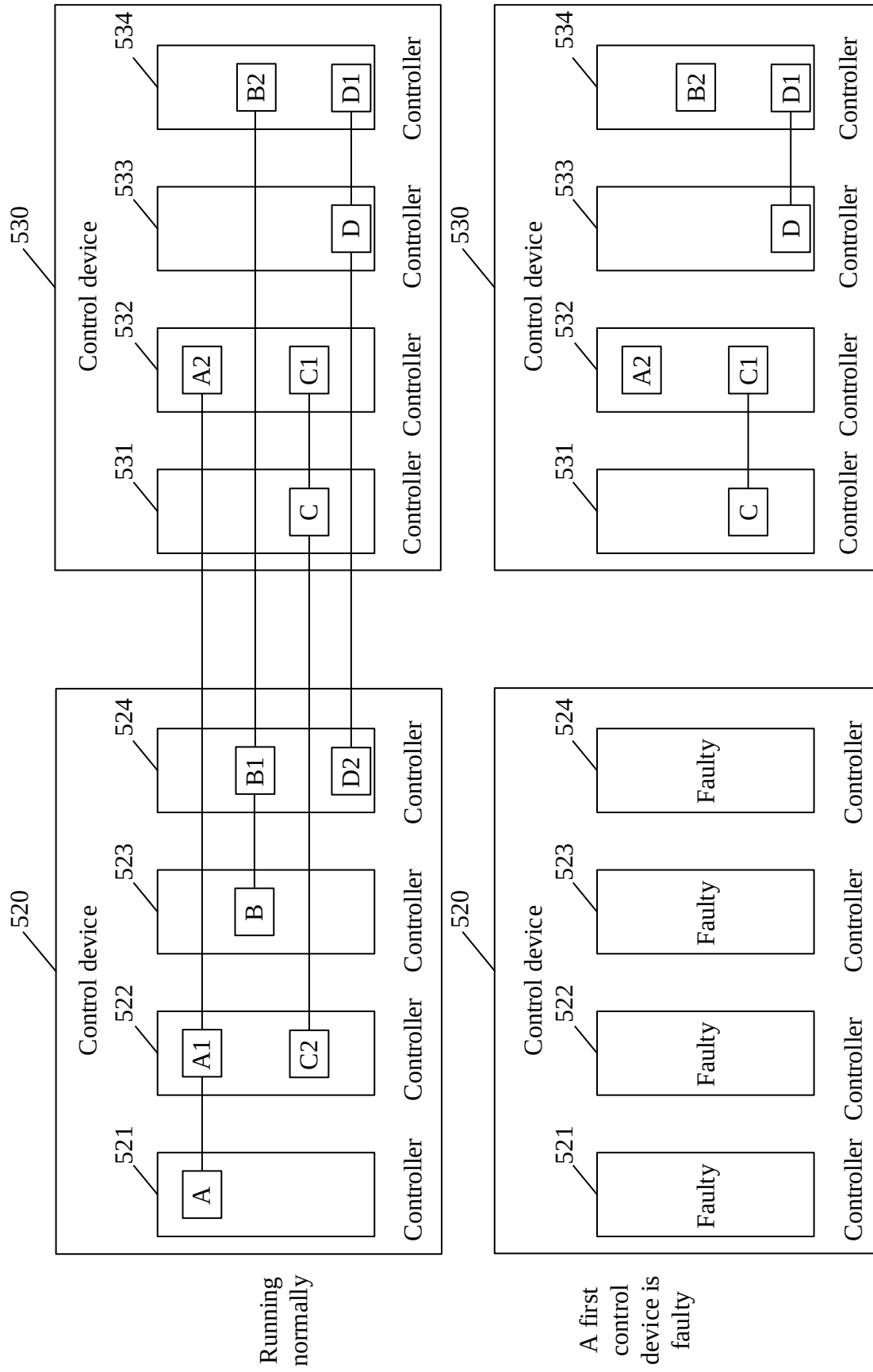


FIG. 5



CONT.
FROM
FIG. 6A-1
~

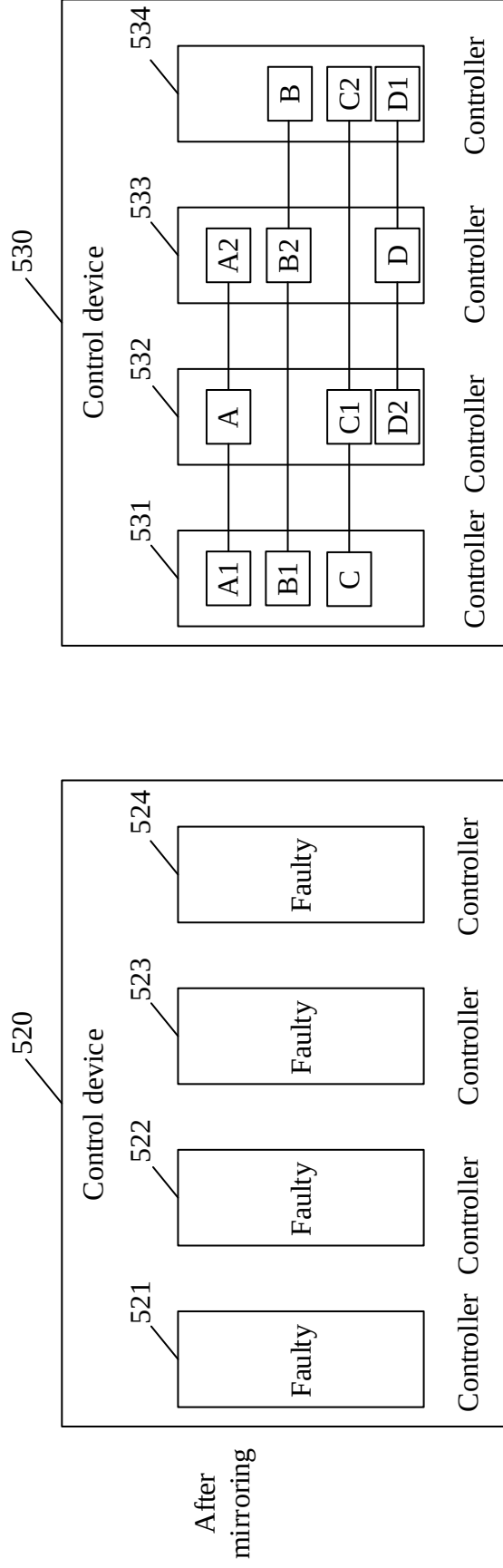
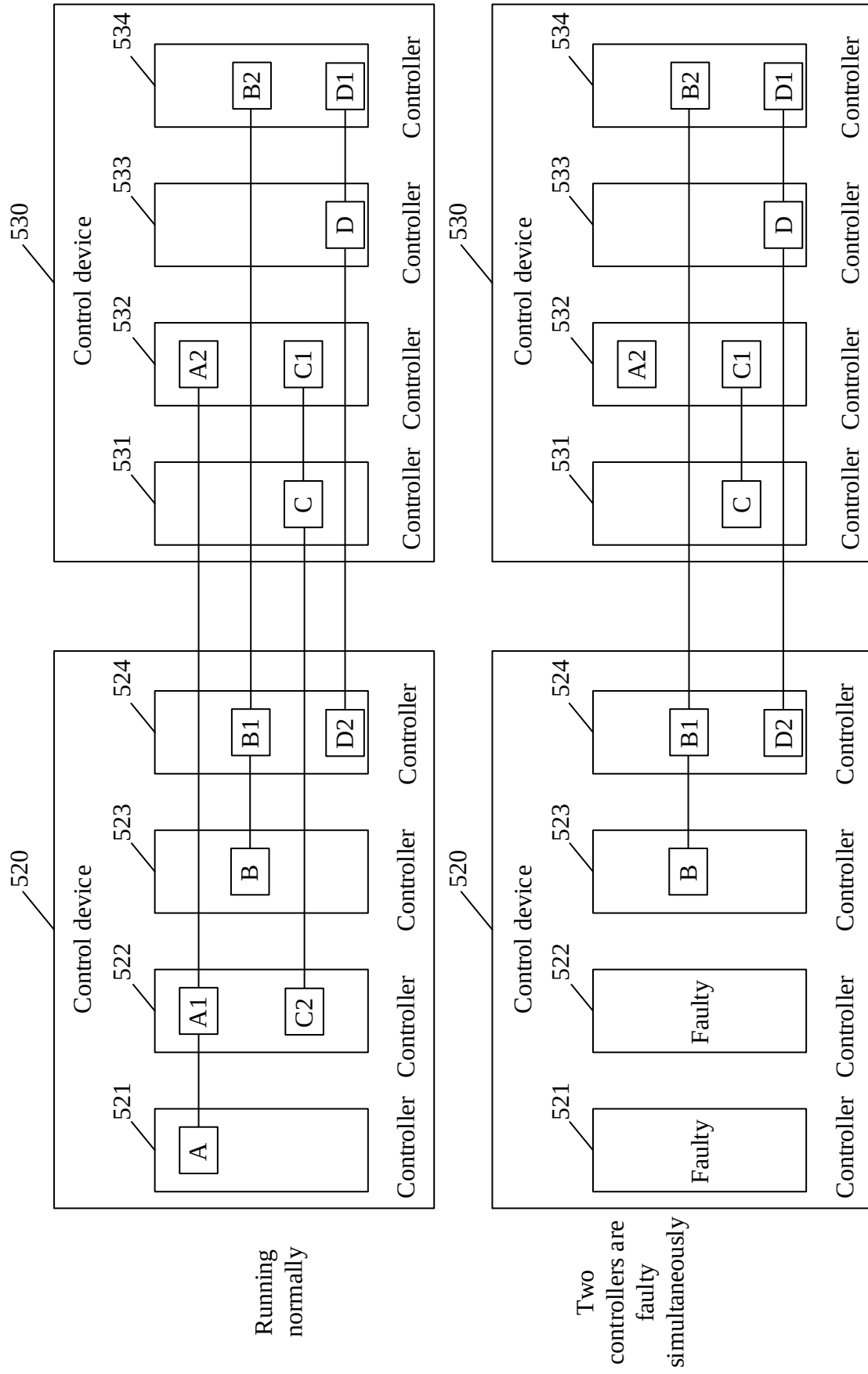


FIG. 6A-2



TO

FIG. 6B-2

FIG. 6B-1

CONT.
FROM
FIG. 6B-1

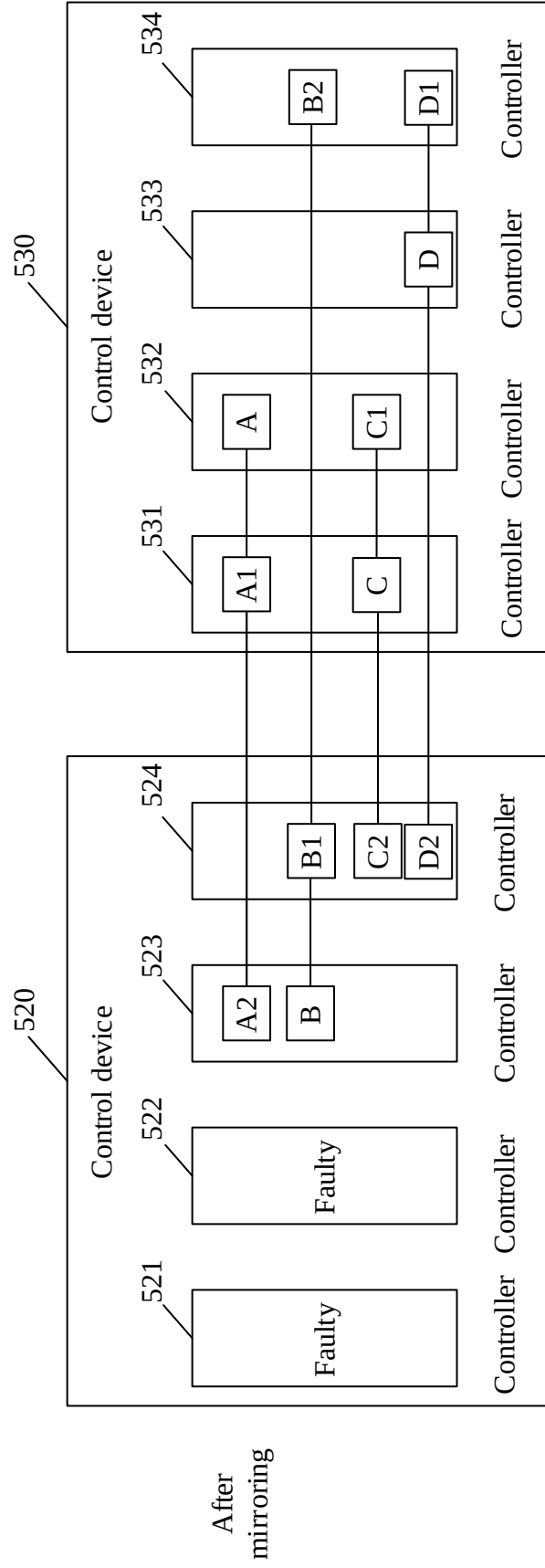
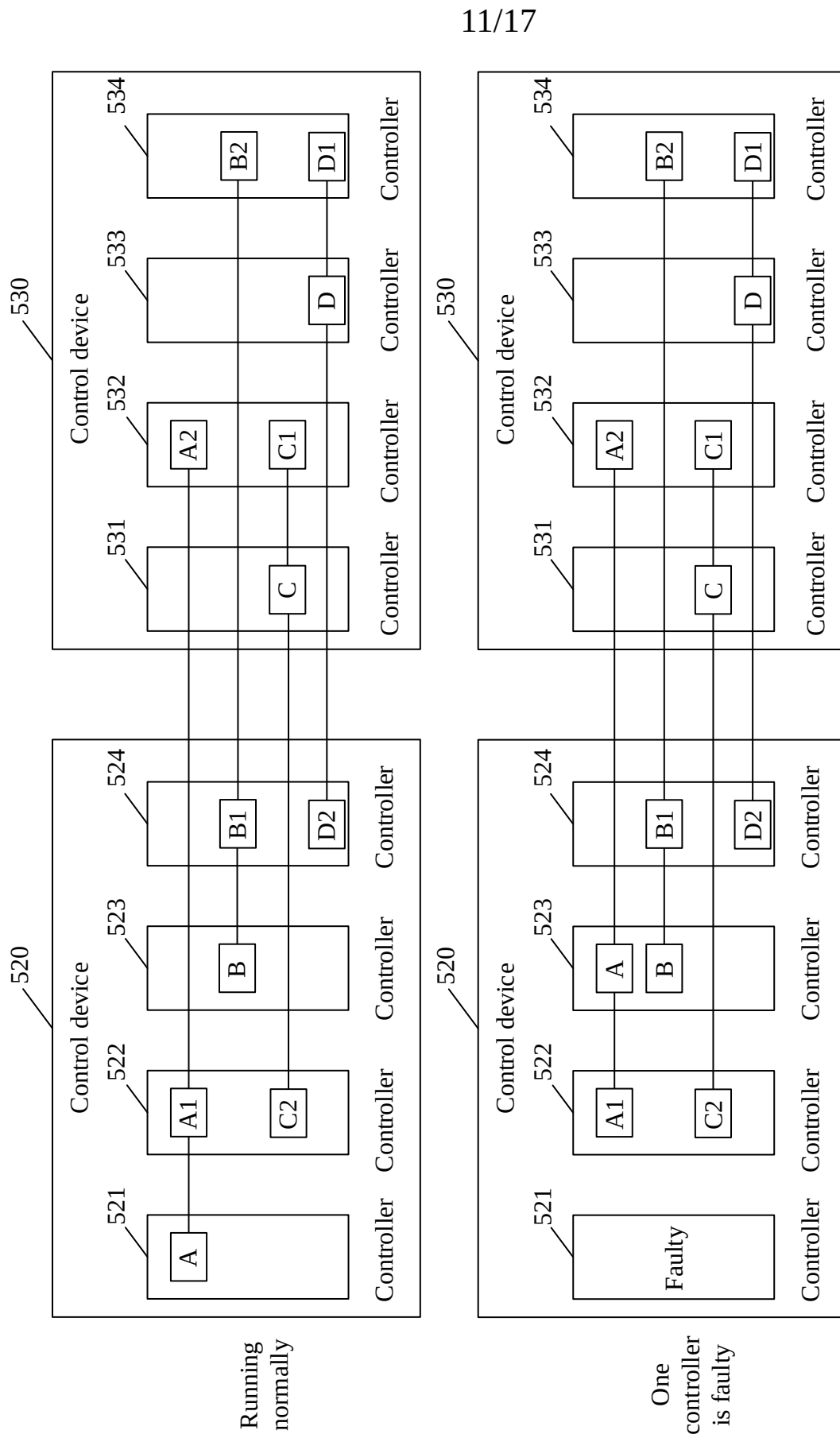


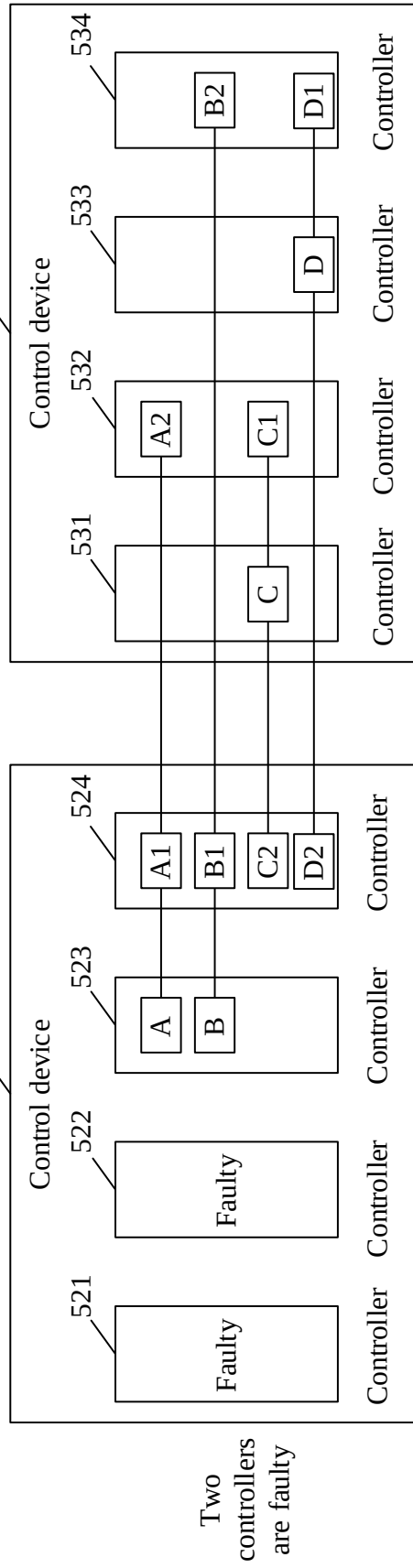
FIG. 6B-2



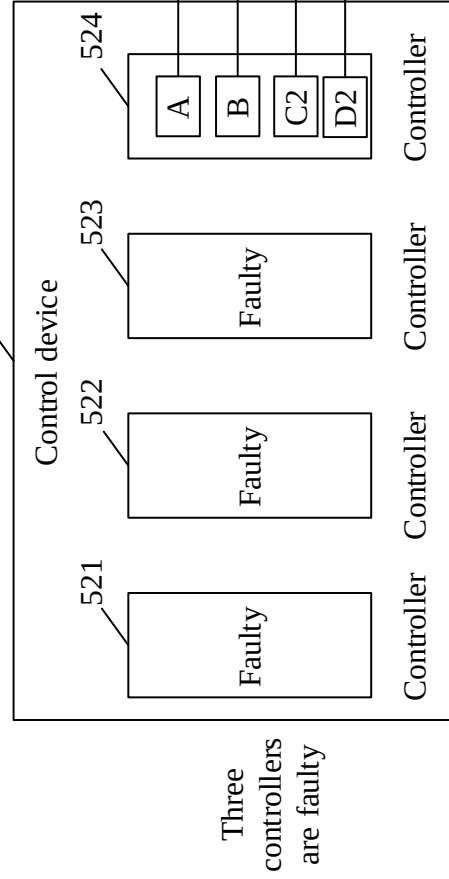
~
TO
FIG. 6C-2
FIG. 6C-1

CONT.
FROM

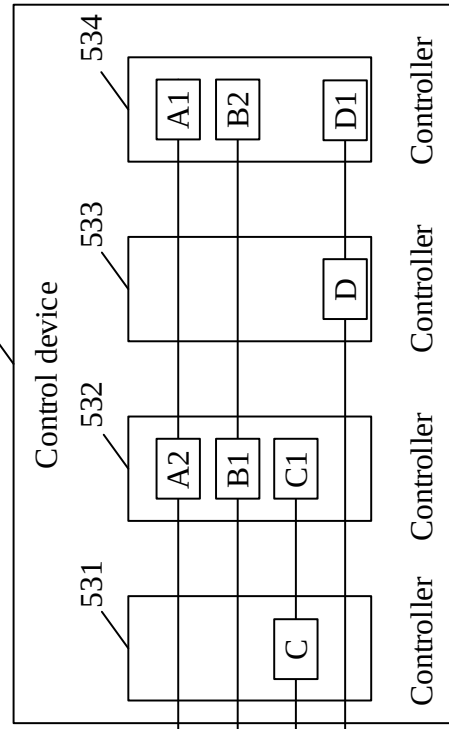
FIG. 6C-1



520



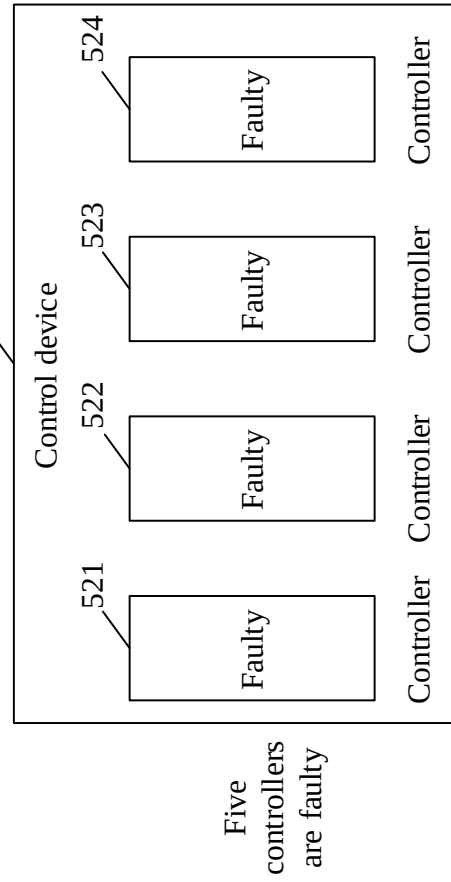
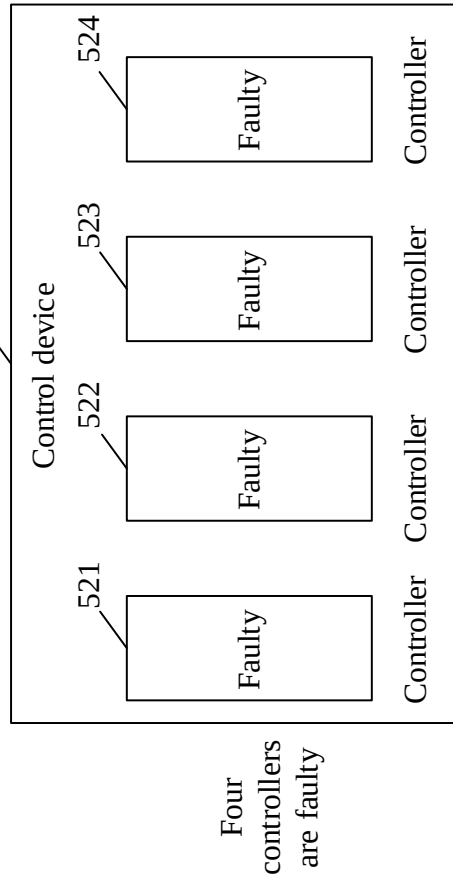
530



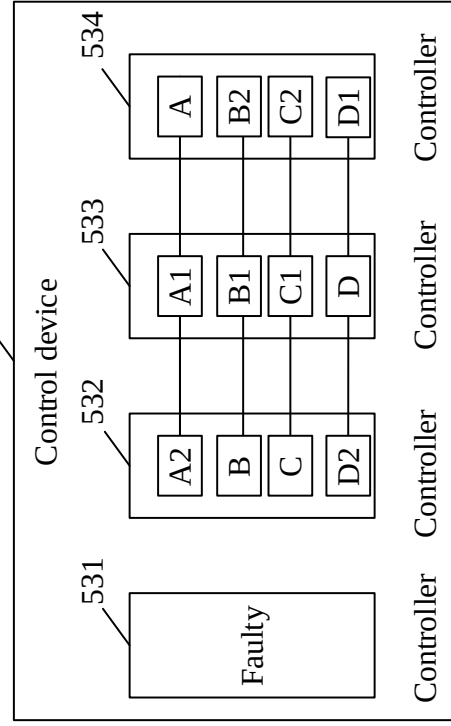
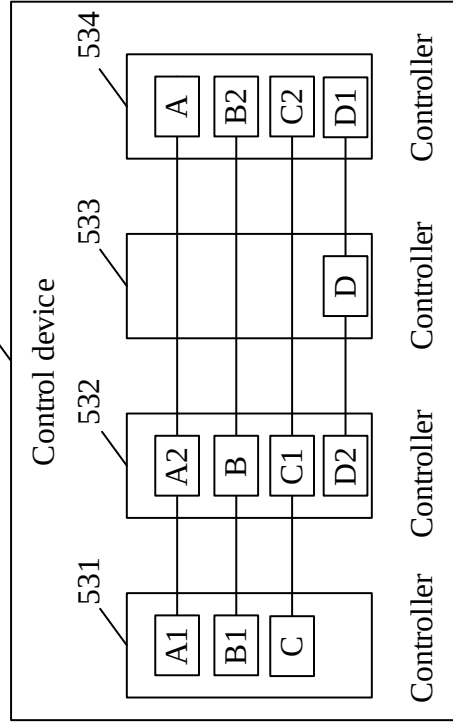
TO
FIG. 6C-3

FIG. 6C-2

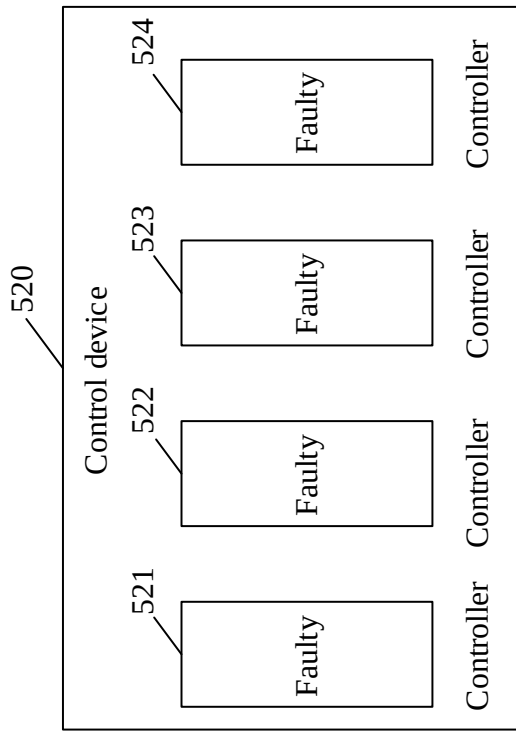
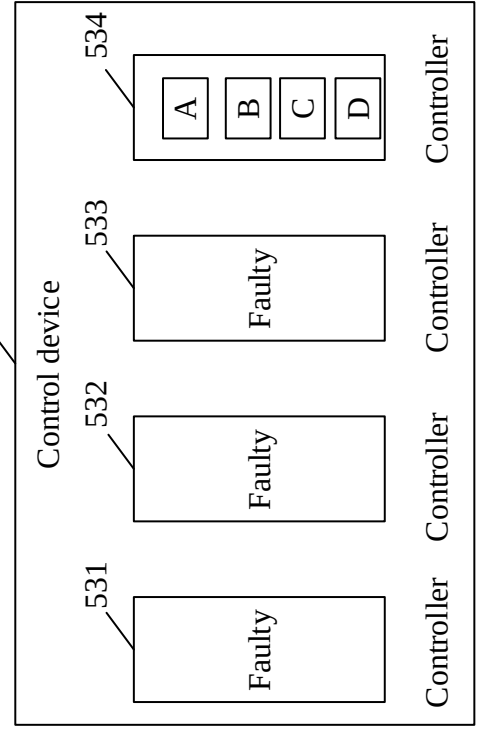
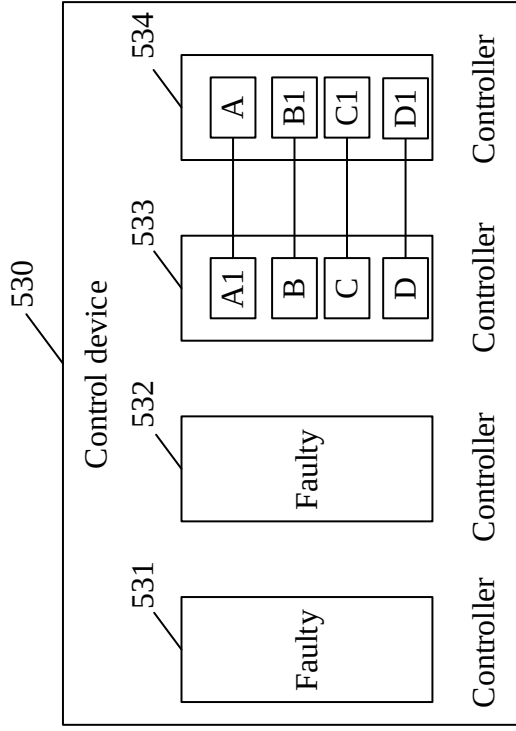
CONT.
FROM
FIG. 6C-2



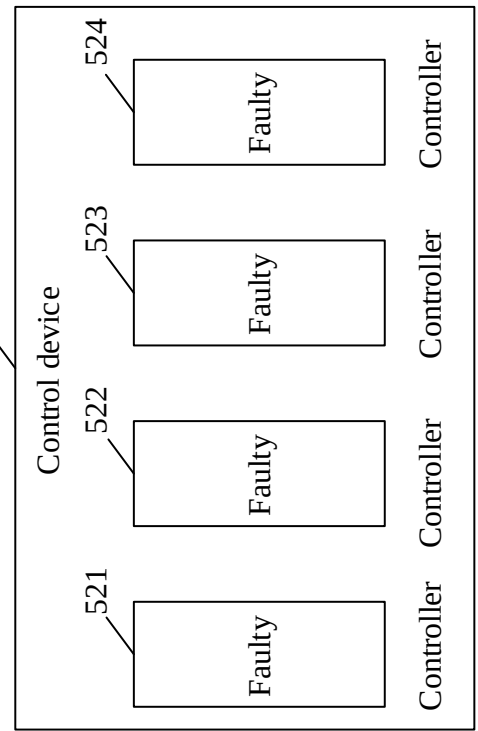
TO
FIG. 6C-4
FIG. 6C-3



CONT.
FROM
FIG. 6C-3



Six
controllers
are faulty



Seven
controllers
are faulty

FIG. 6C-4

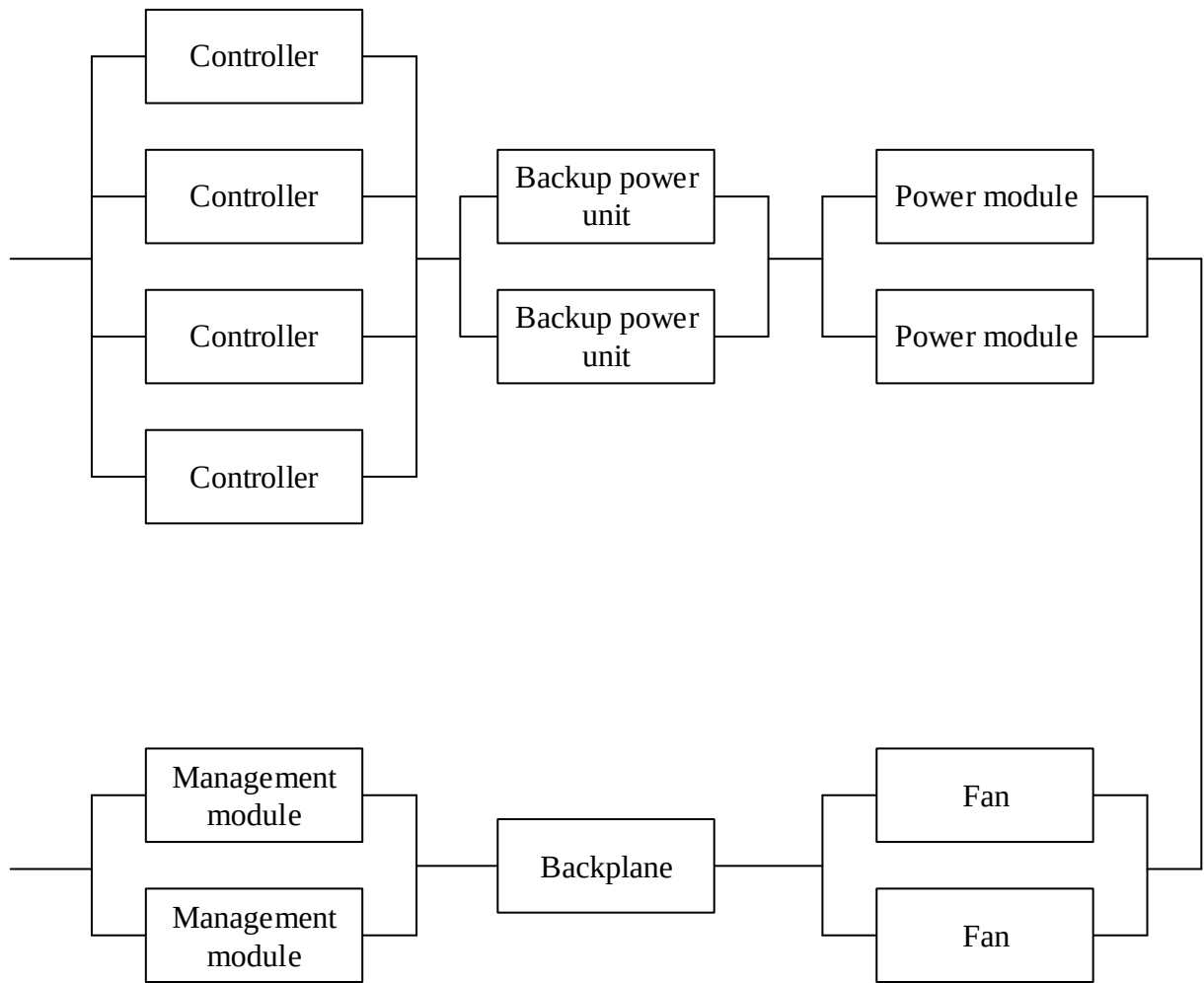


FIG. 7

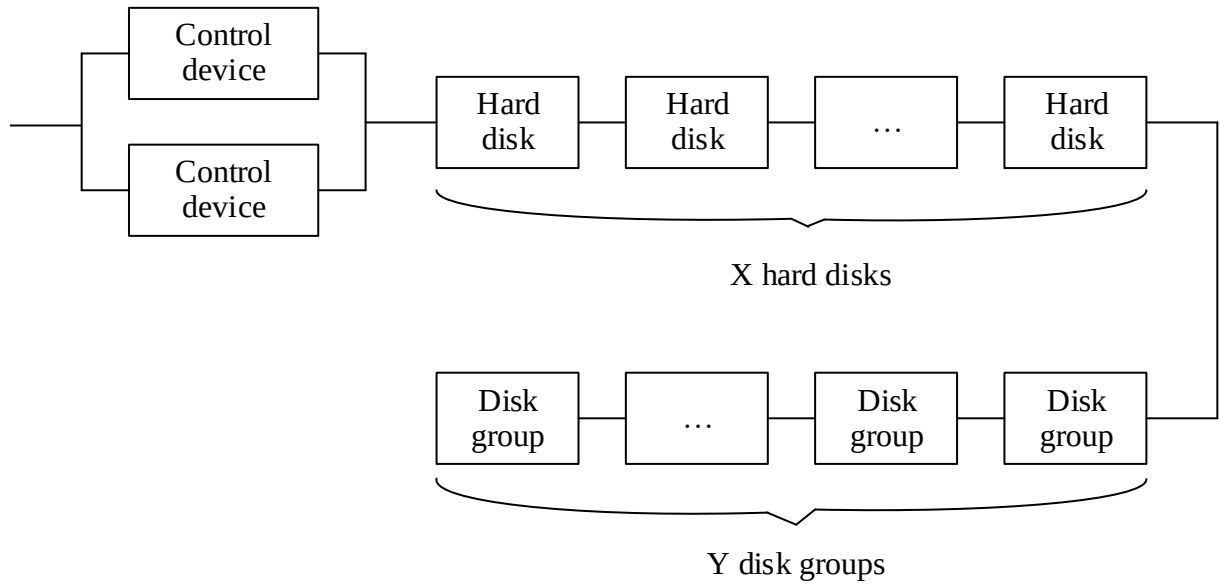


FIG. 8

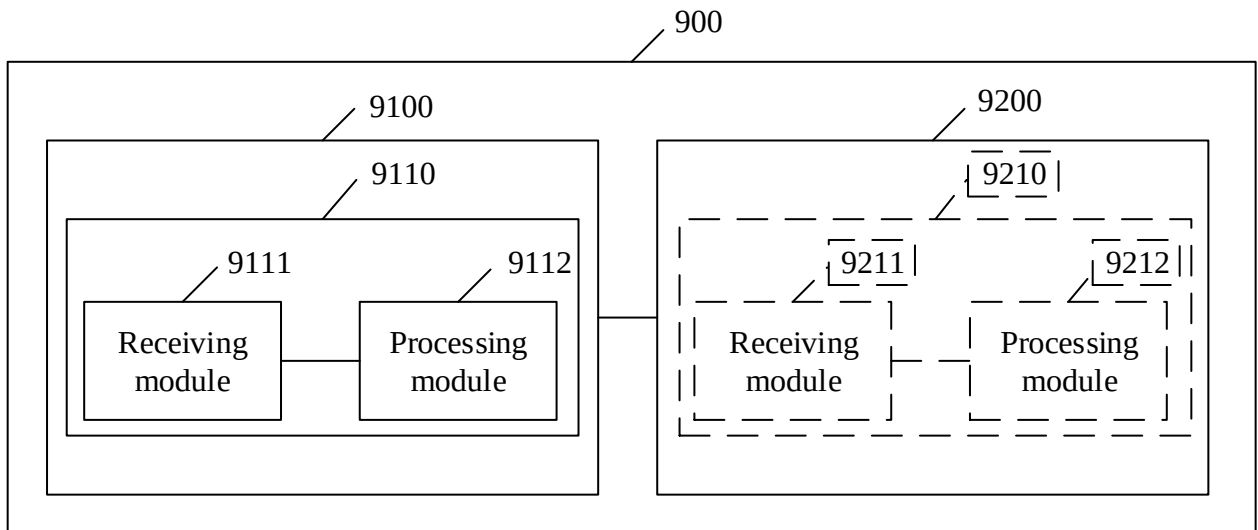


FIG. 9

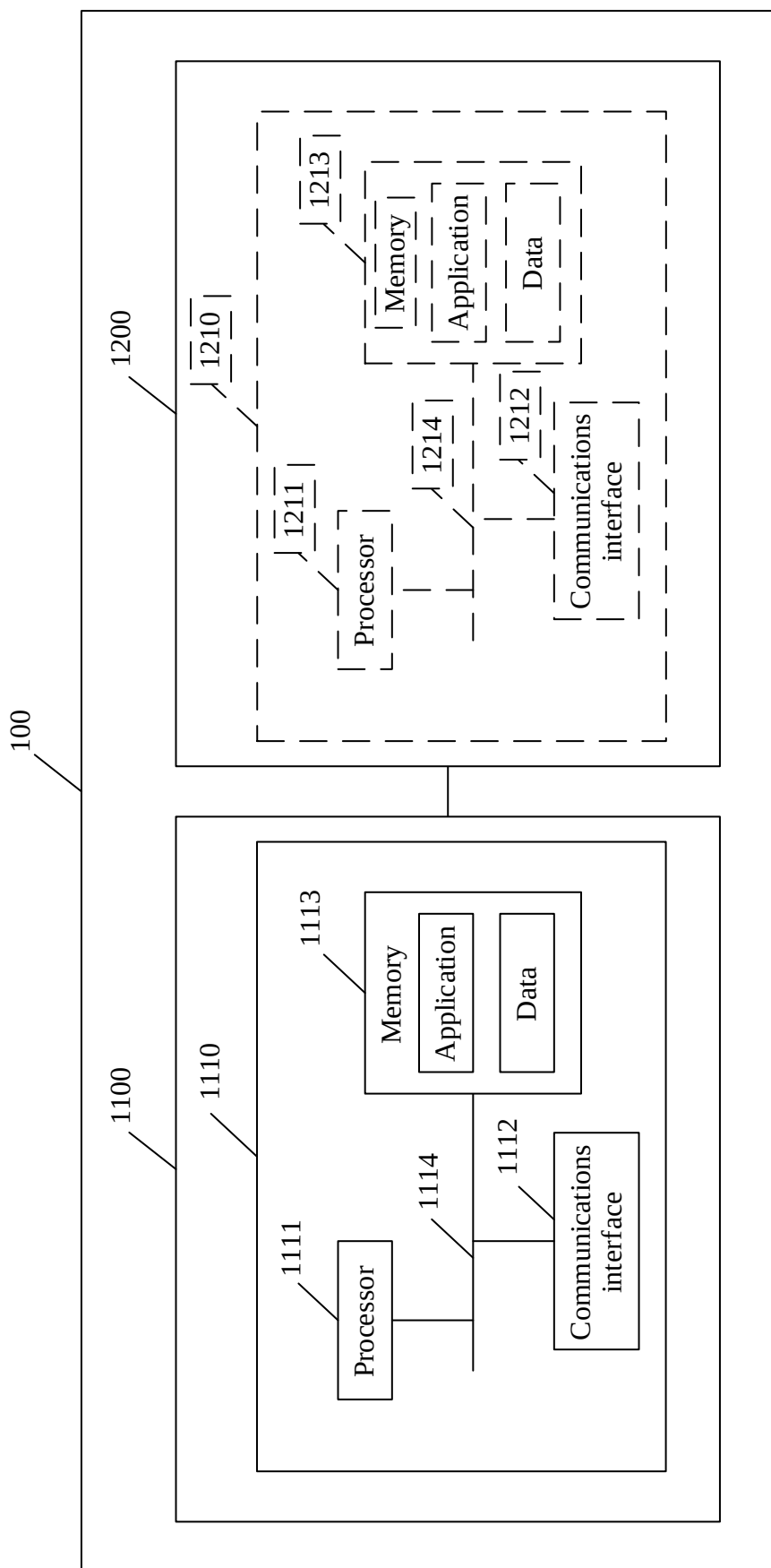


FIG. 10