Fig. 1

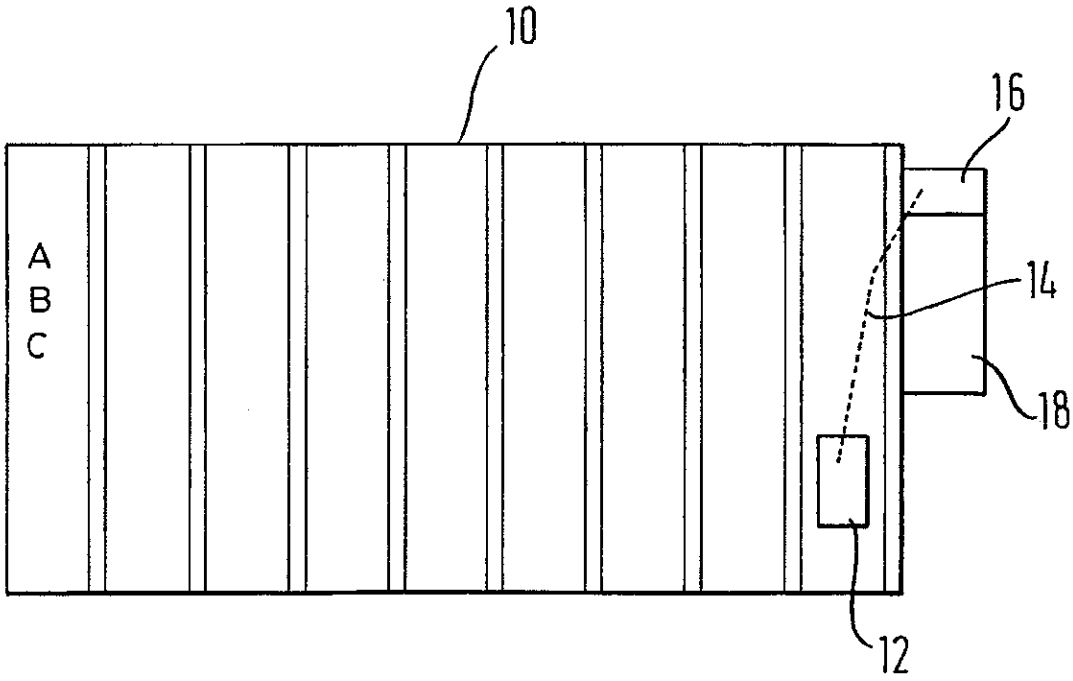


Fig. 2

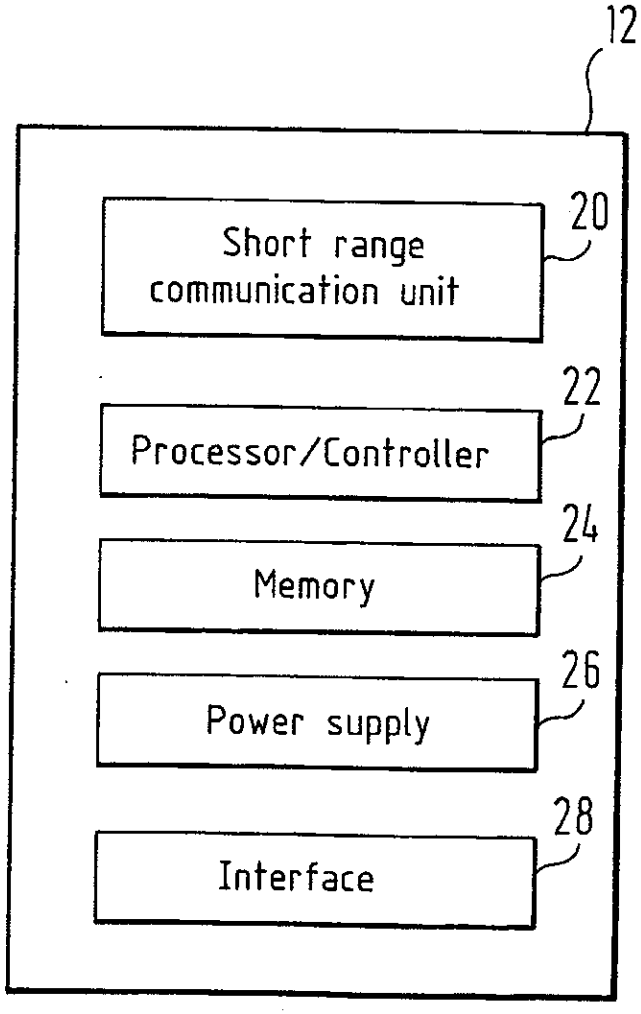

12
Short range communication unit
20
Processor/Controller
22
Memory
24
Power supply
26
Interface
28

Fig. 3

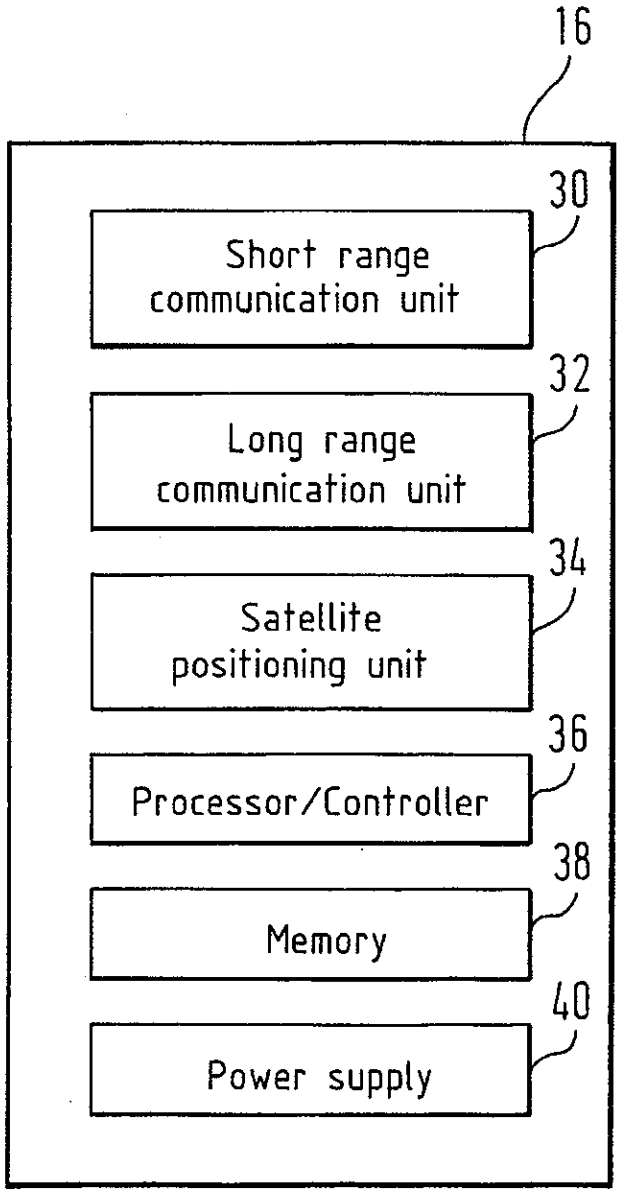

16
30
Short range communication unit
32
Long range communication unit
34
Satellite positioning unit
36
Processor/Controller
38
Memory
40
Power supply

Fig. 4 (a)

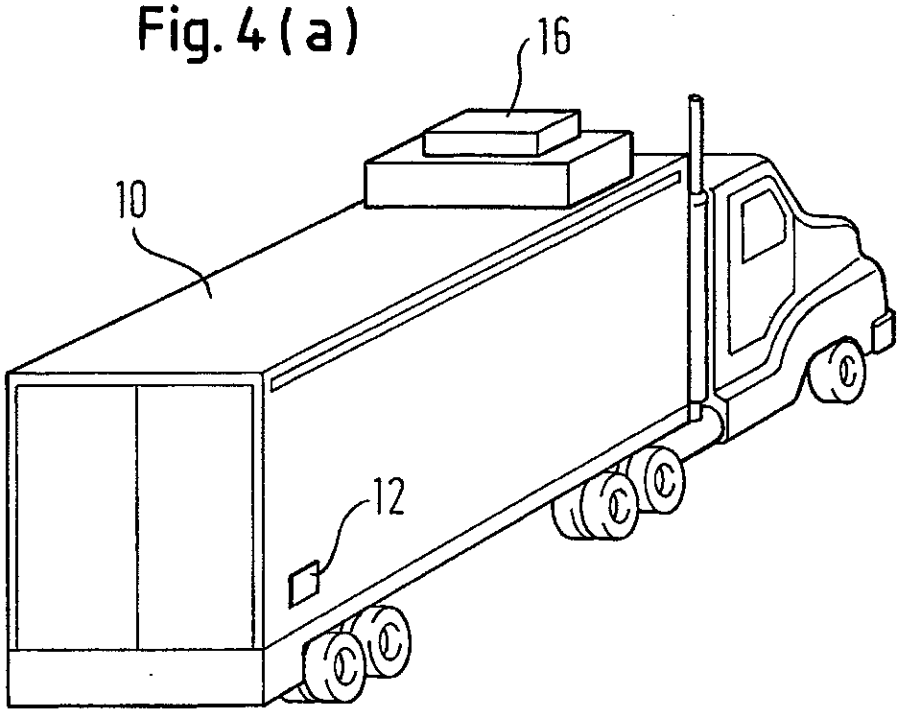


Fig. 4 (b)

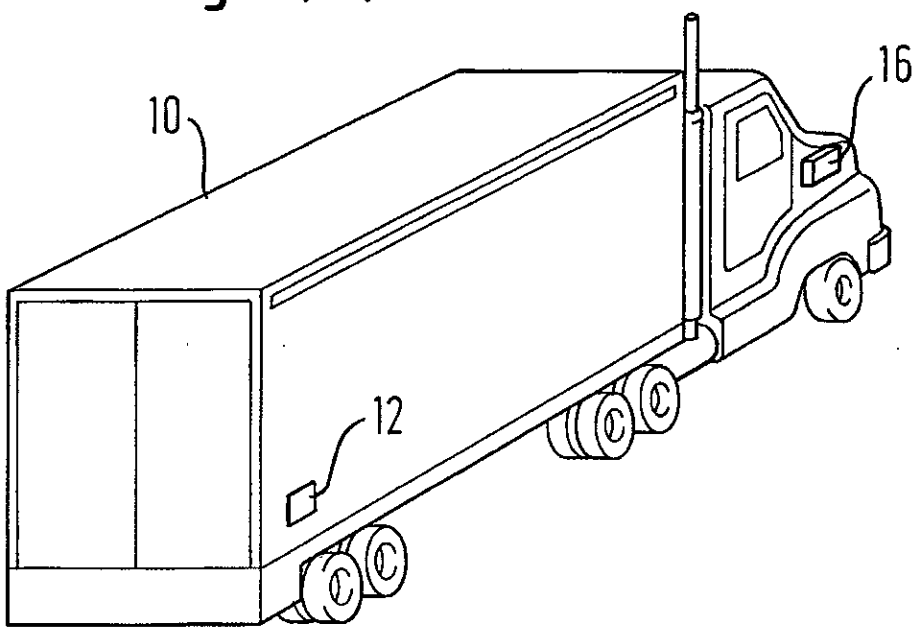


Fig. 5(a)

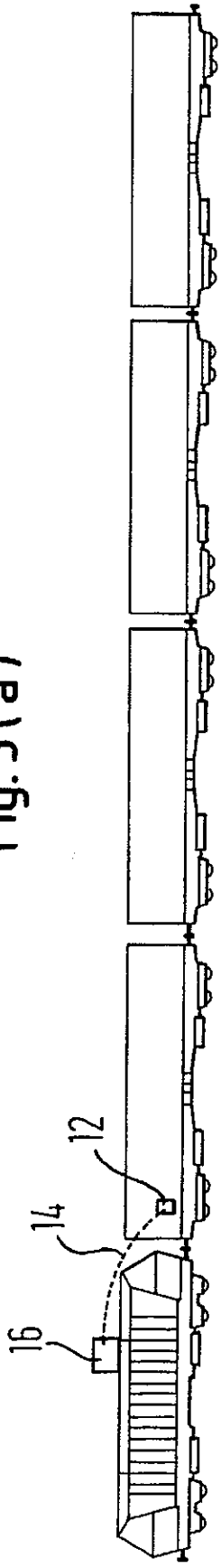
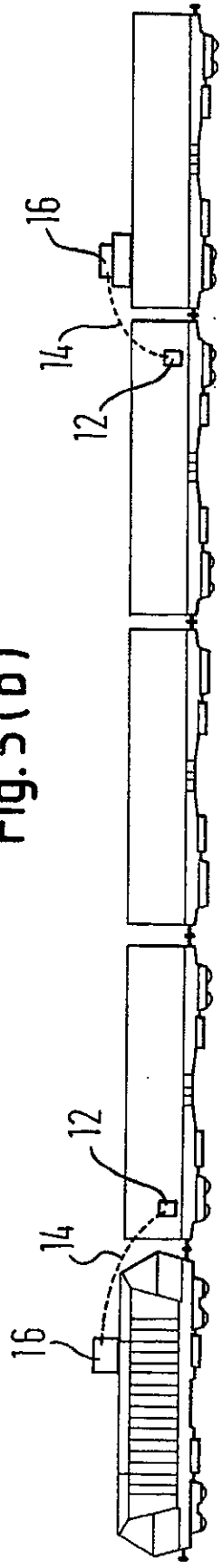


Fig. 5(b)



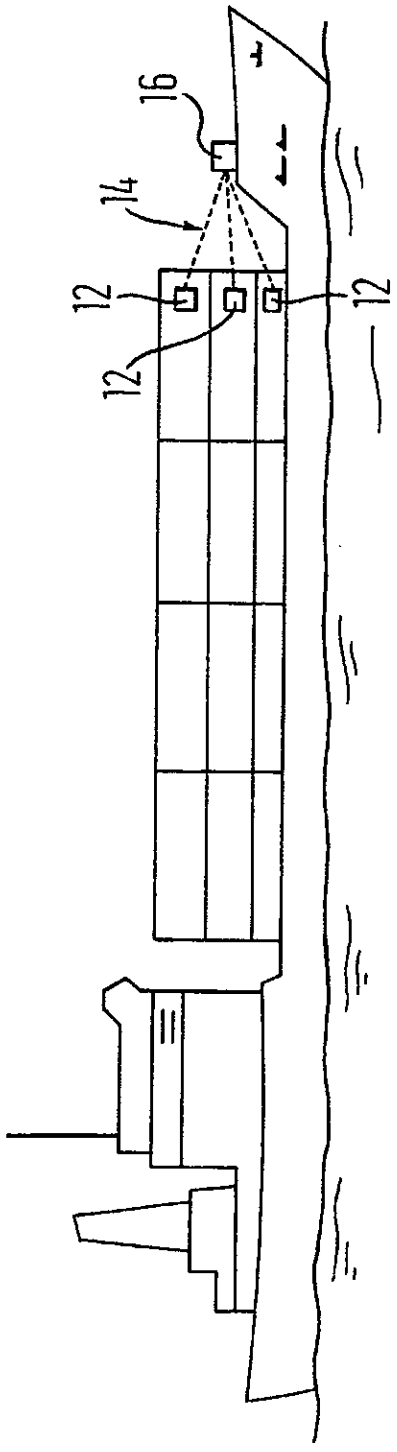
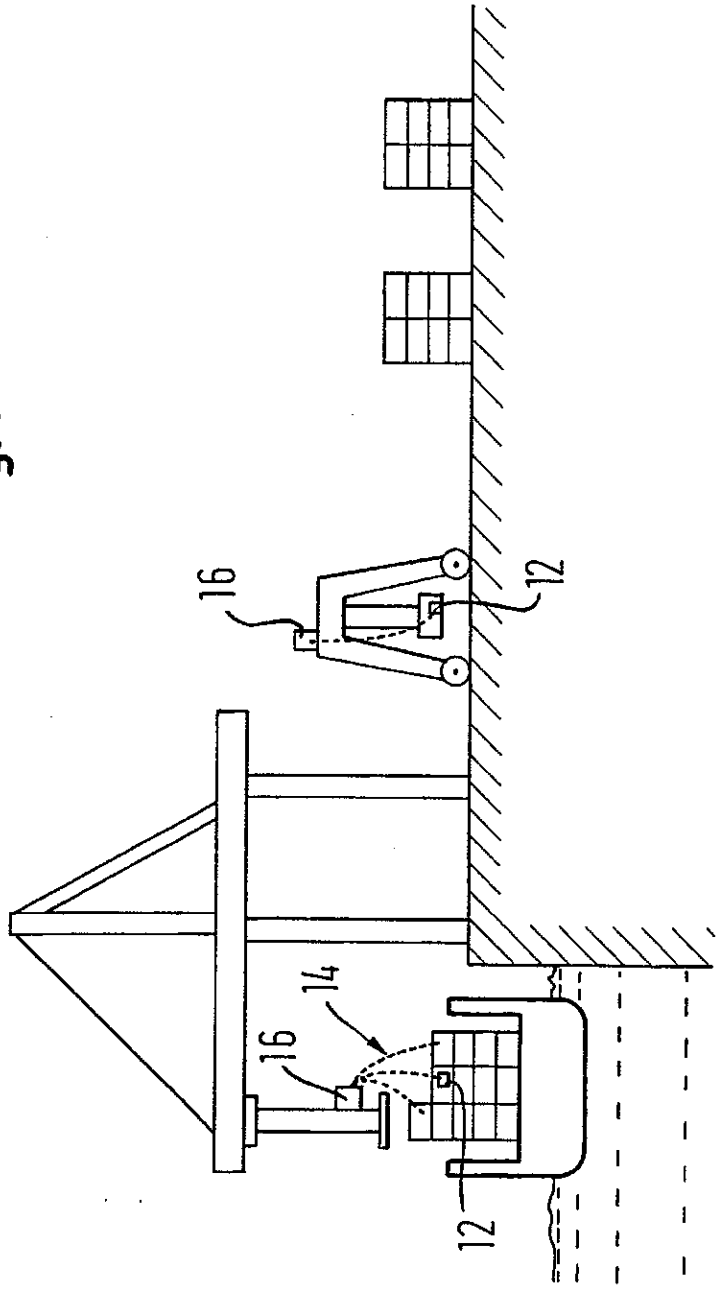


Fig.6

Fig. 7



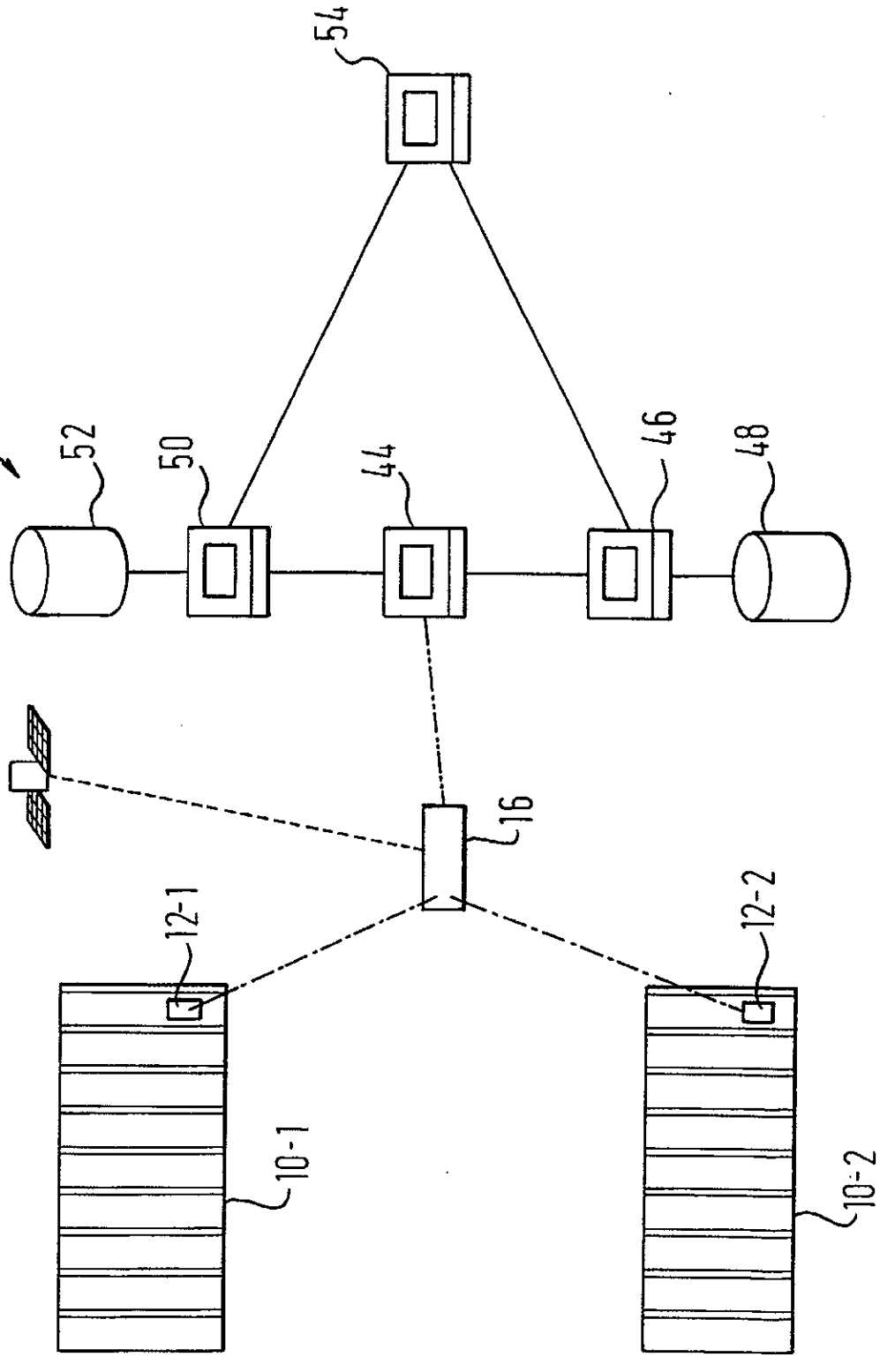
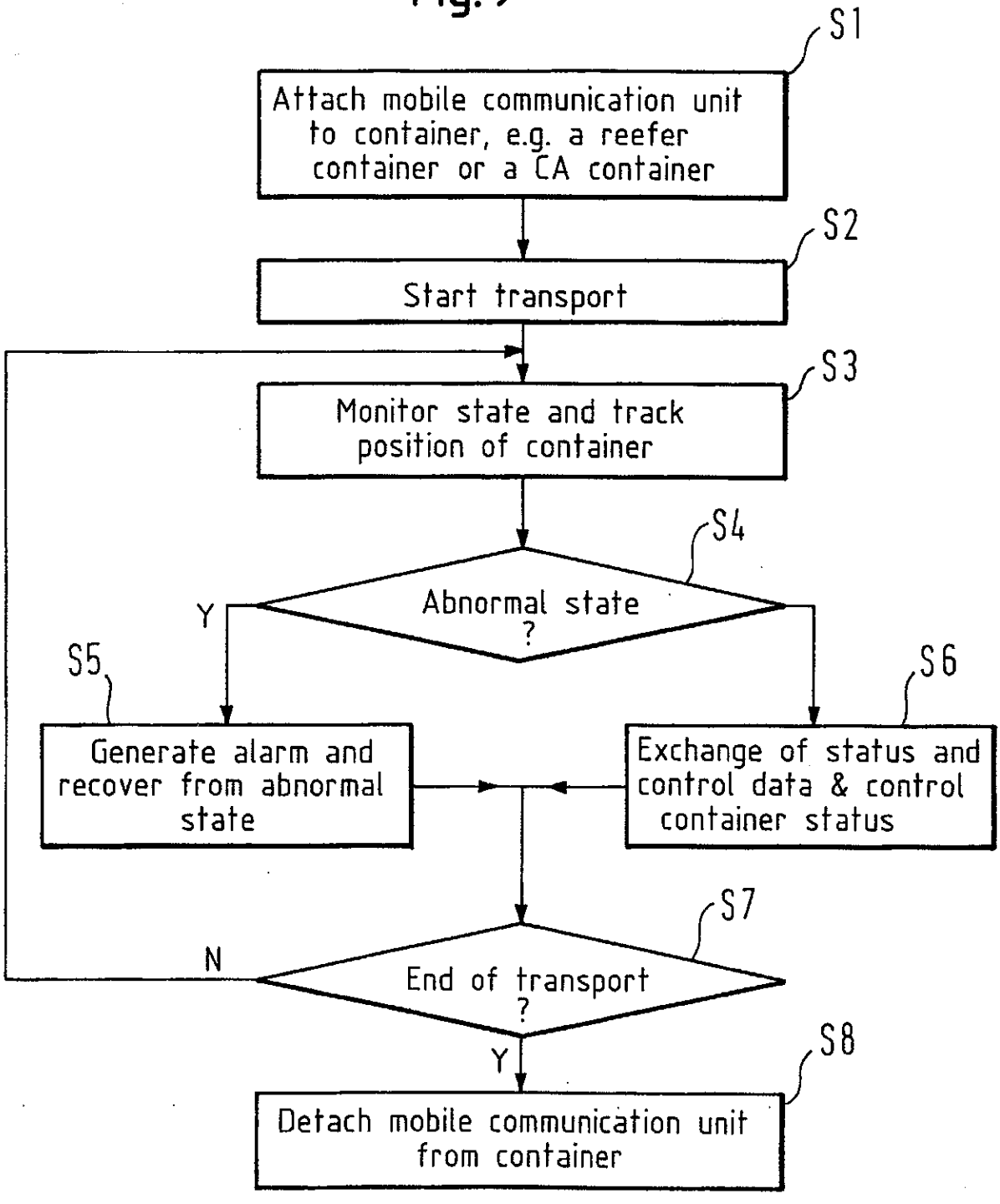


Fig. 8

Fig. 9


S1
Attach mobile communication unit to container, e.g. a reefer container or a CA container
S2
Start transport
S3
Monitor state and track position of container
S4
Abnormal state ?
Y
S5
Generate alarm and recover from abnormal state
S6
Exchange of status and control data & control container status
S7
End of transport ?
N
Y
S8
Detach mobile communication unit from container