

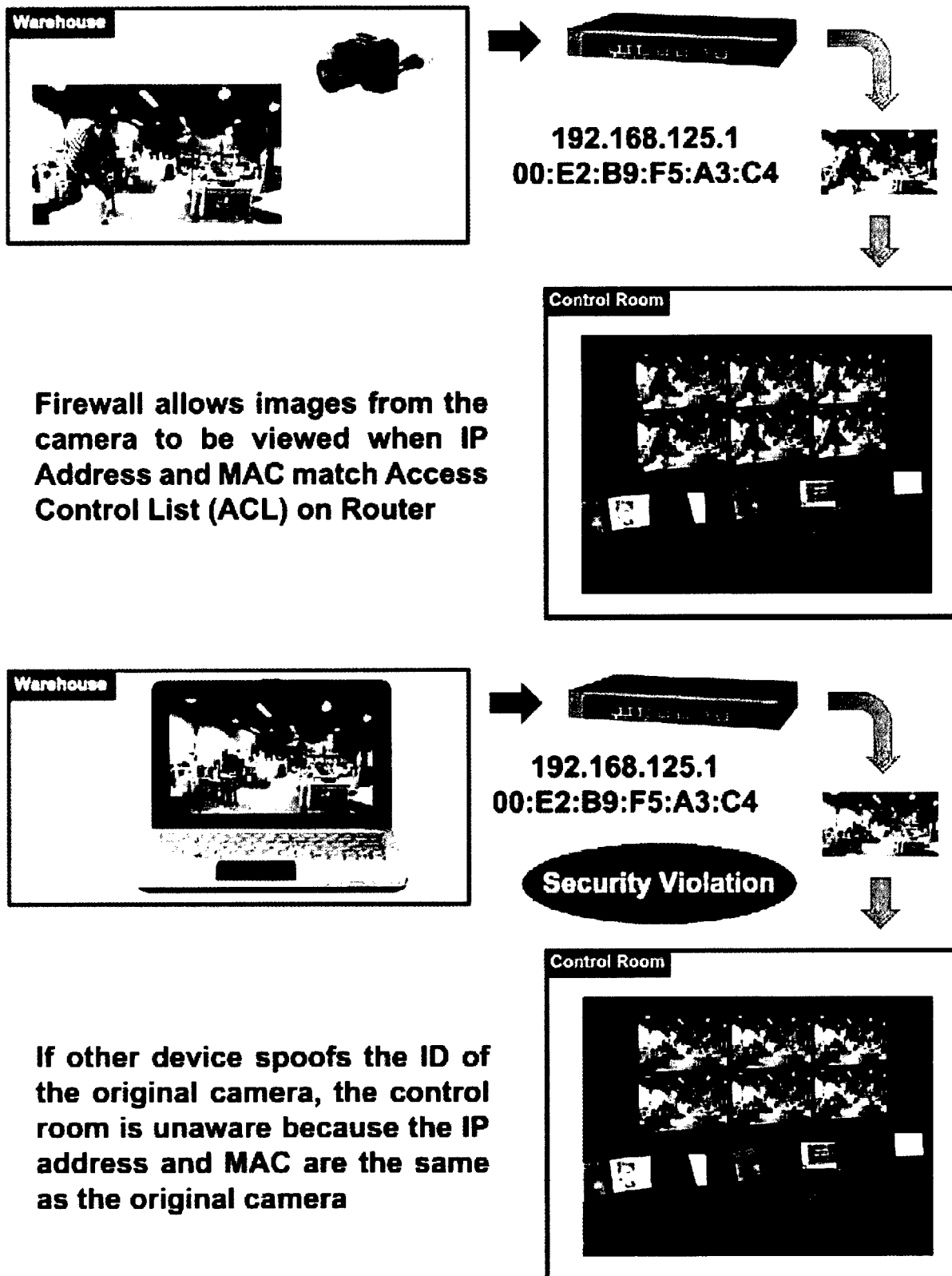


Figure 1

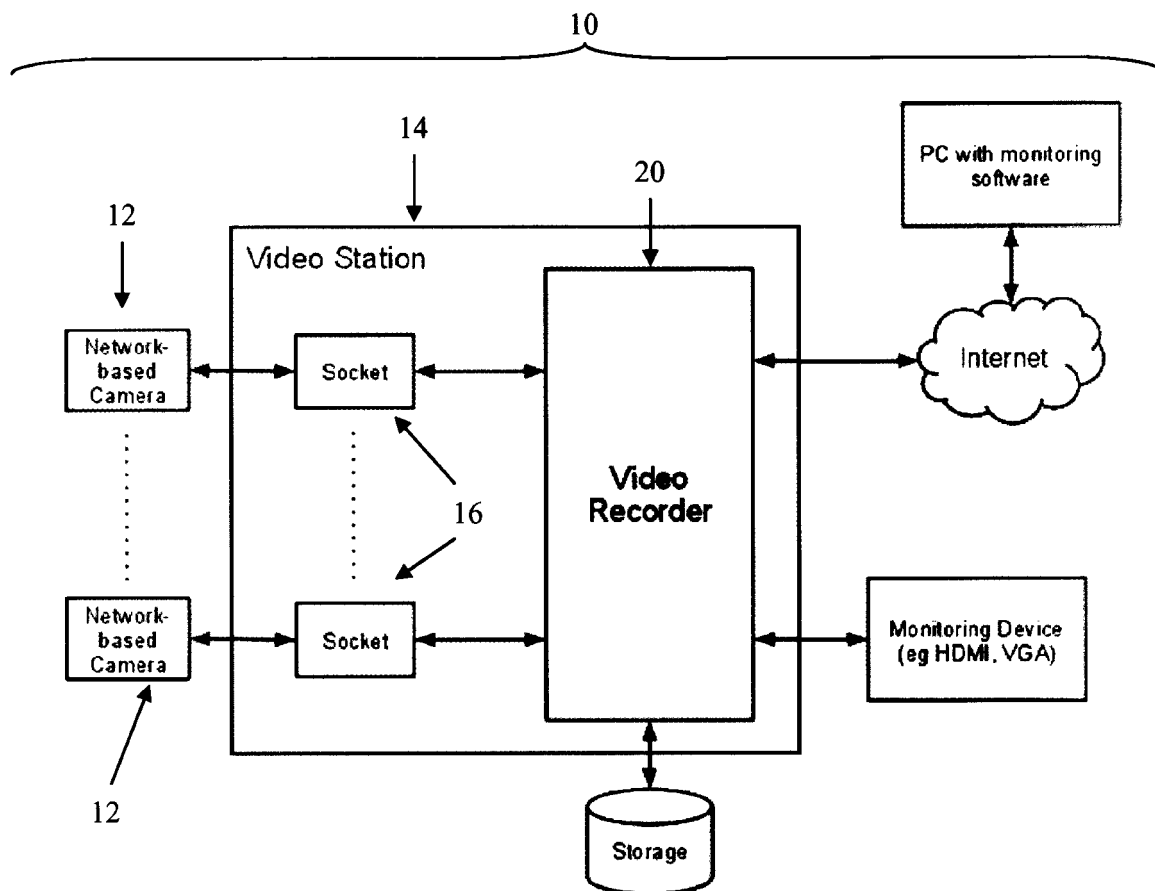


Figure 2

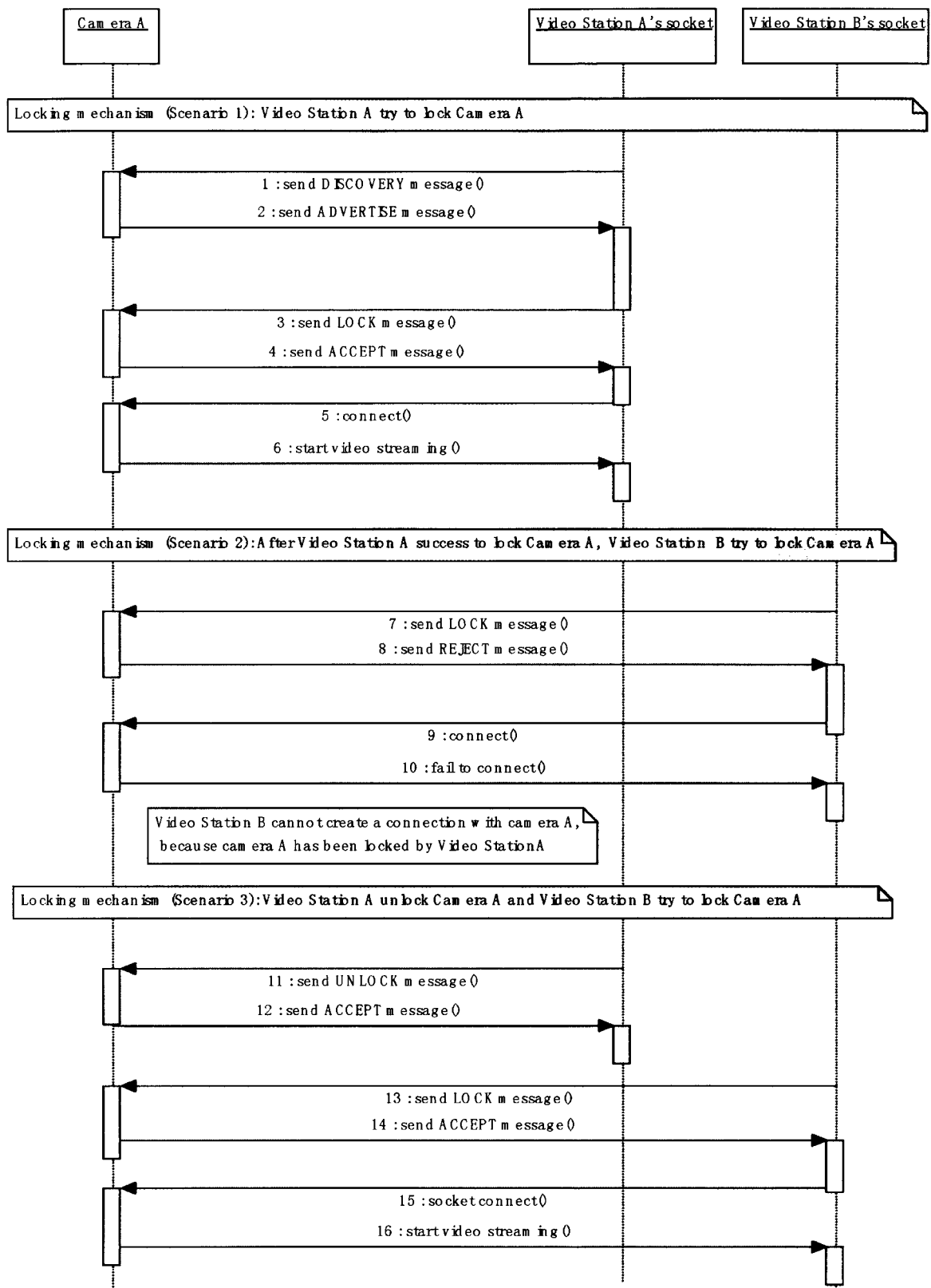
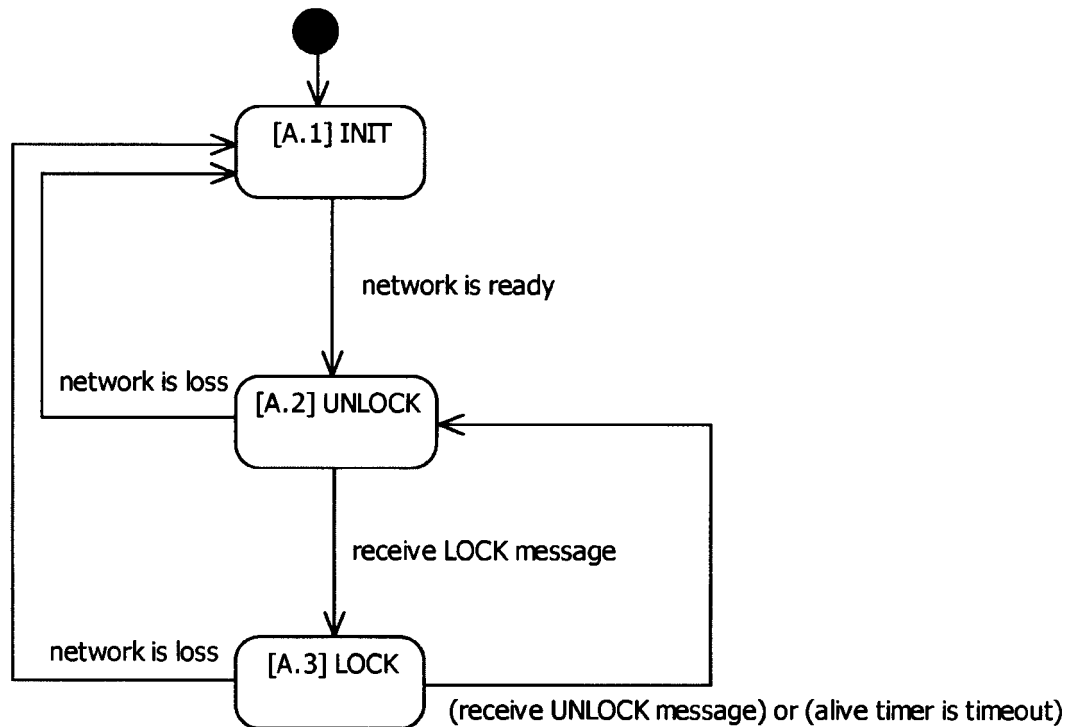


Figure 3

[A] Network-based camera State Chart

^ Processes A.1 – A.3 in this flow chart will be detailed in the following figures.

Figure 4a

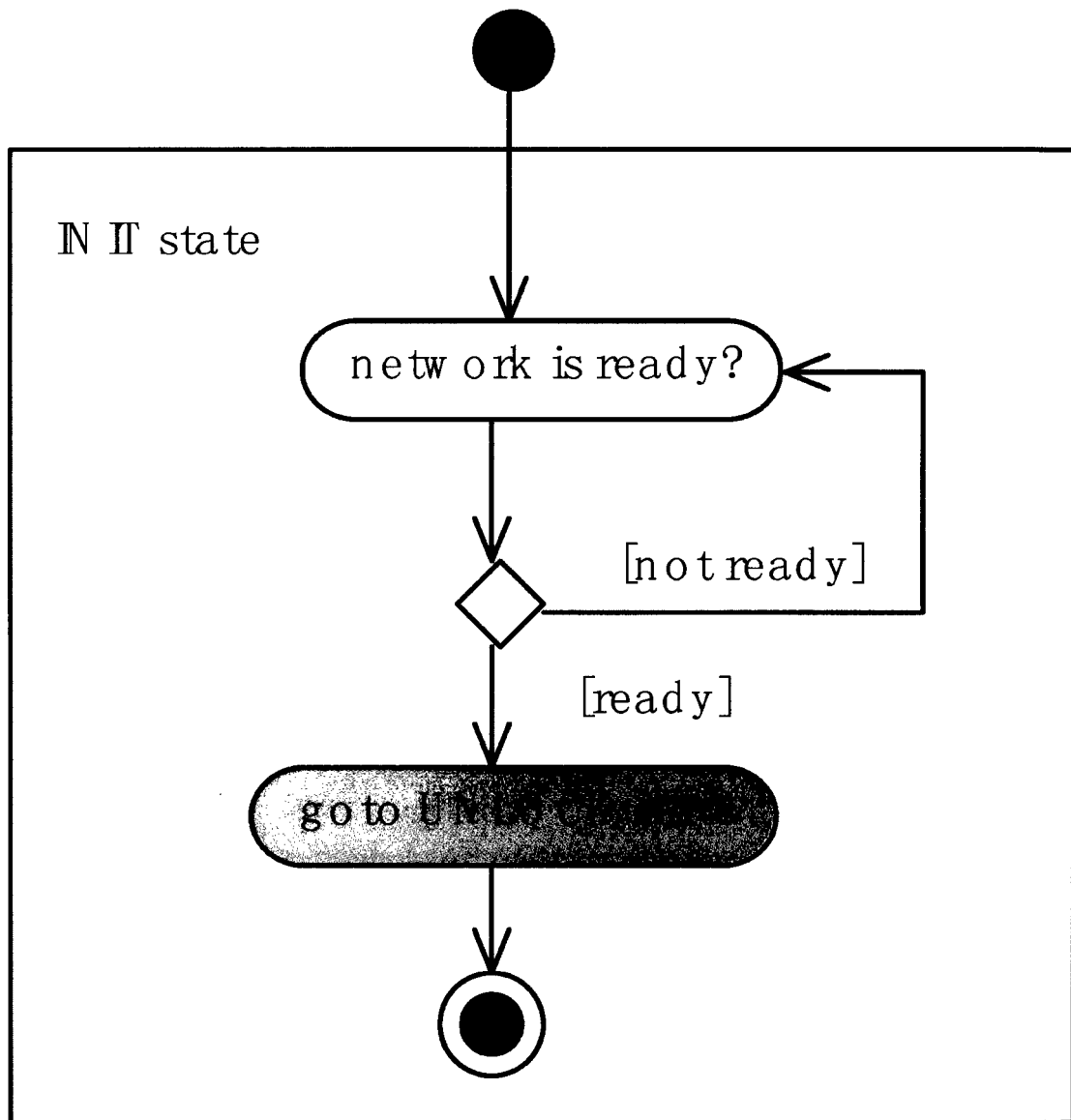
[A.1] IN IT Fbw Chart

Figure 4b

[A.2] UNLOCK Fbw Chart

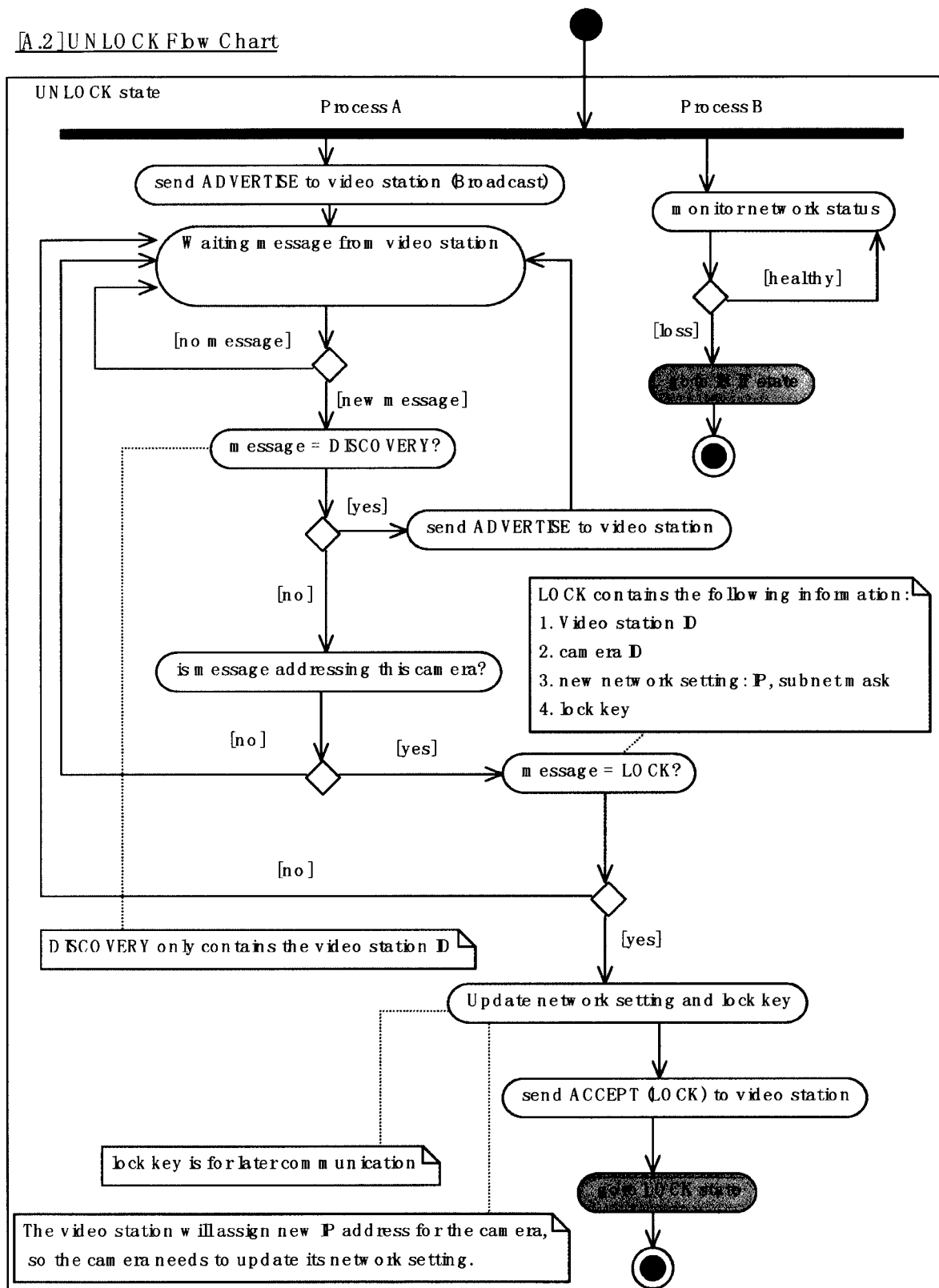


Figure 4c

[A.3] LOCK Fbw Chart

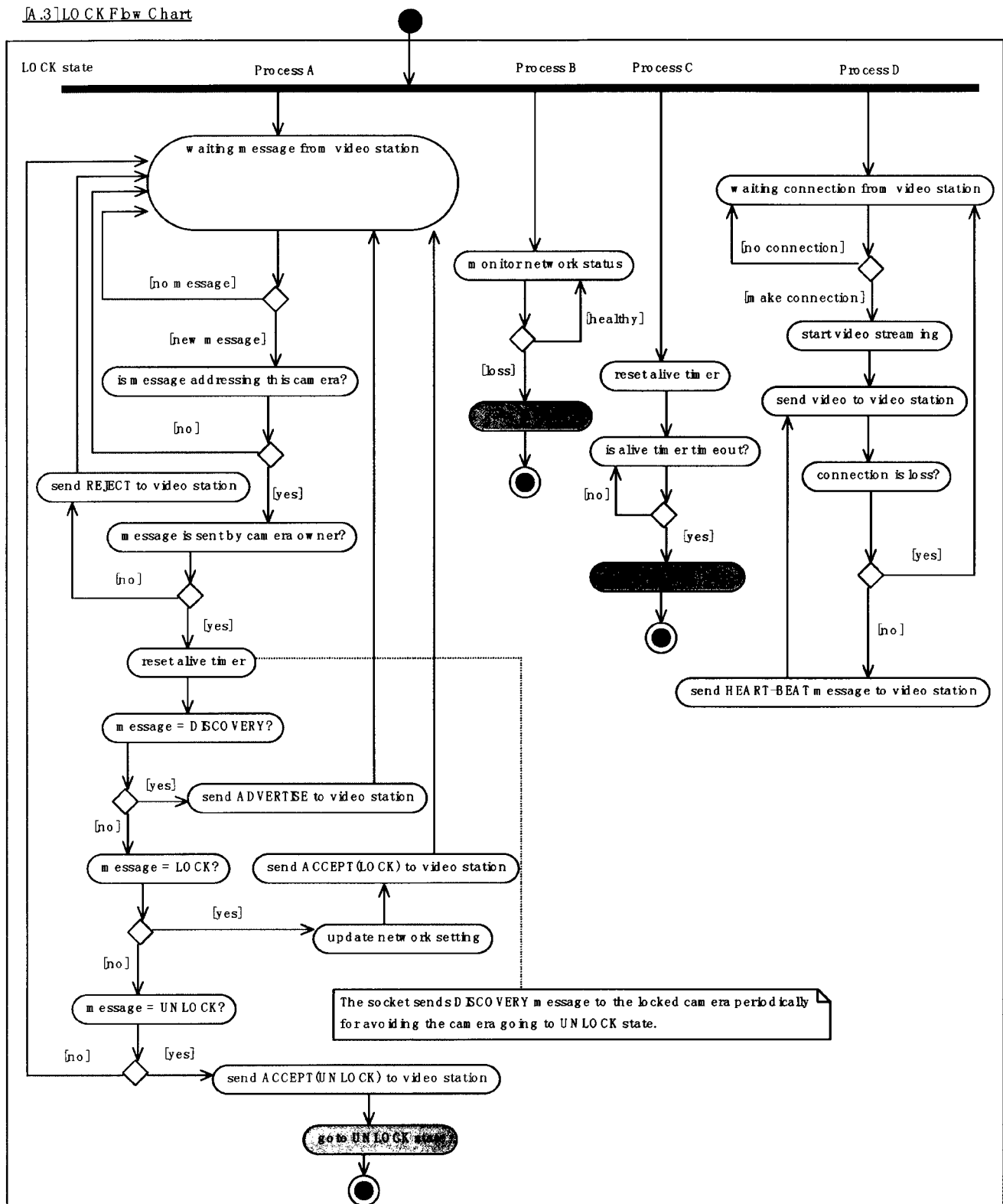
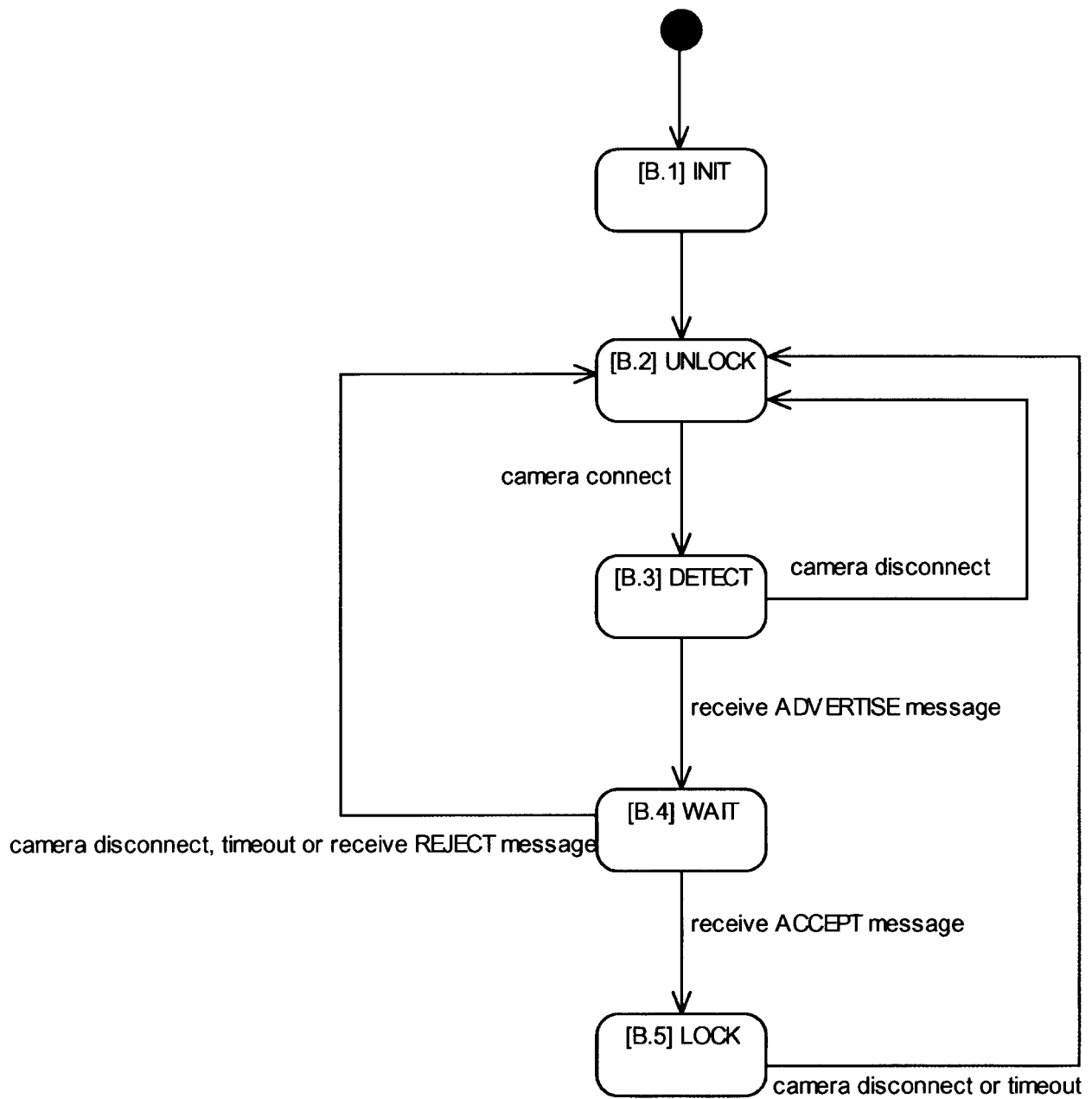
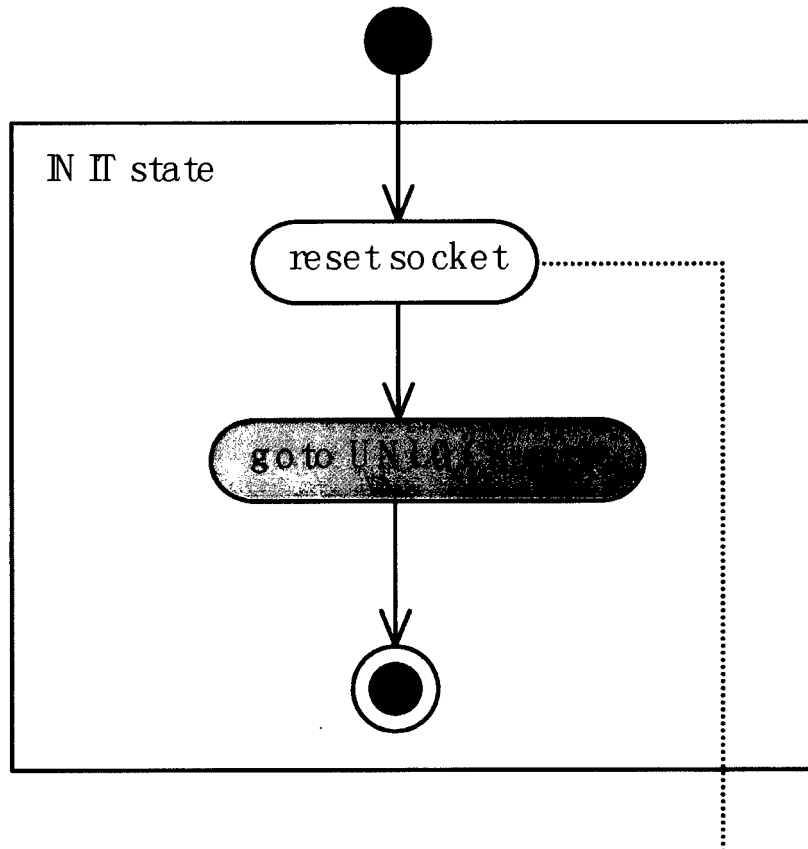


Figure 4d

[B] Video Station State Chart for each socket

▲ Processes B.1 – B.5 in this flow chart will be detailed the following figures.

Figure 5a

[B.1] IN IT flow chart

Steps of resetting the socket:

1. reset Ethernet PHY interface (Hardware)
- [http://en.wikipedia.org/wiki/PHY_\(chip\)](http://en.wikipedia.org/wiki/PHY_(chip))
2. reset Ethernet MAC interface (Hardware)
- MAC = Media Access Control
3. reset routing table (MAC address control table)

Figure 5b

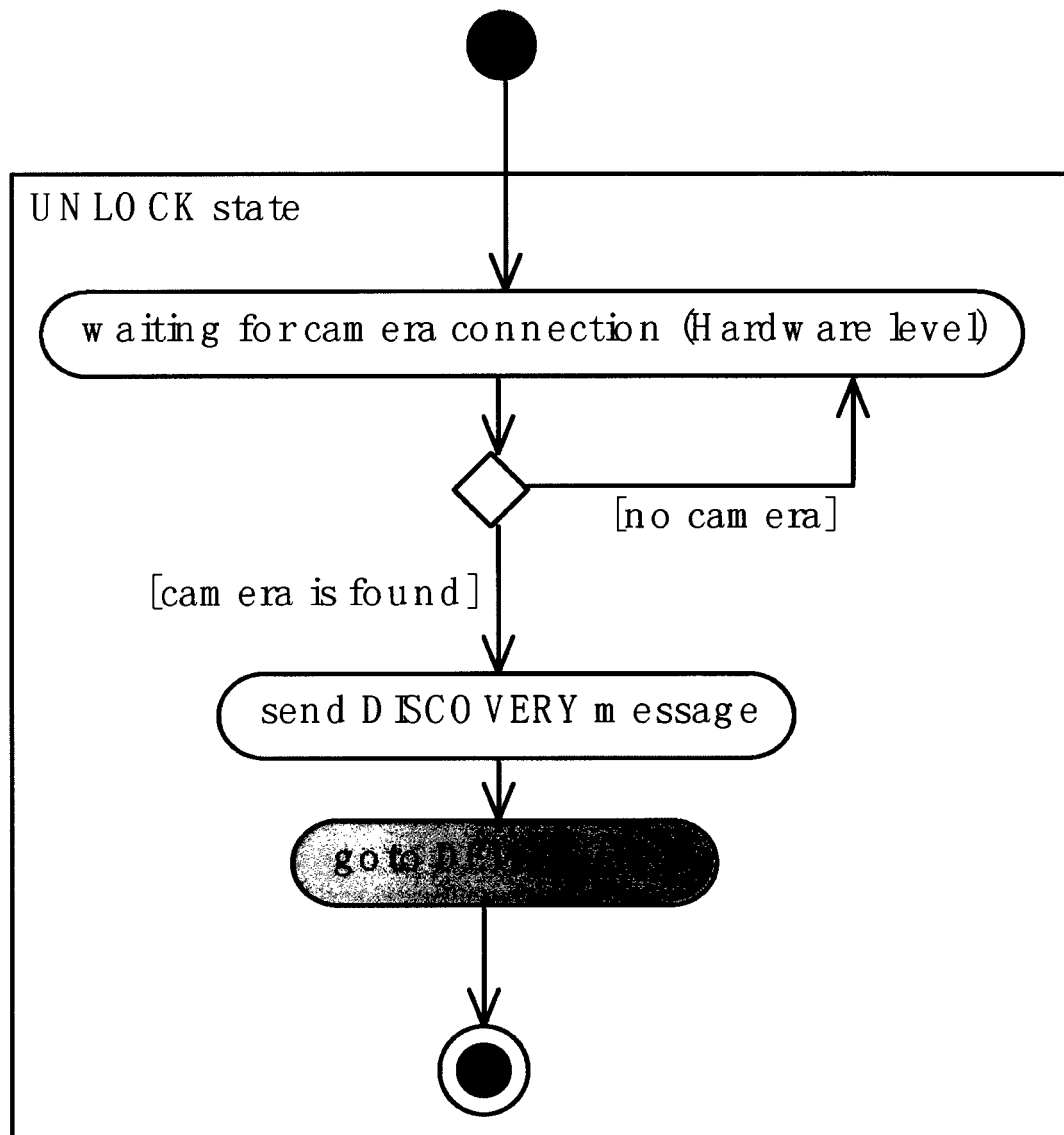
[B.2] UNLOCK flow chart

Figure 5c

[B.3] DETECT flow chart

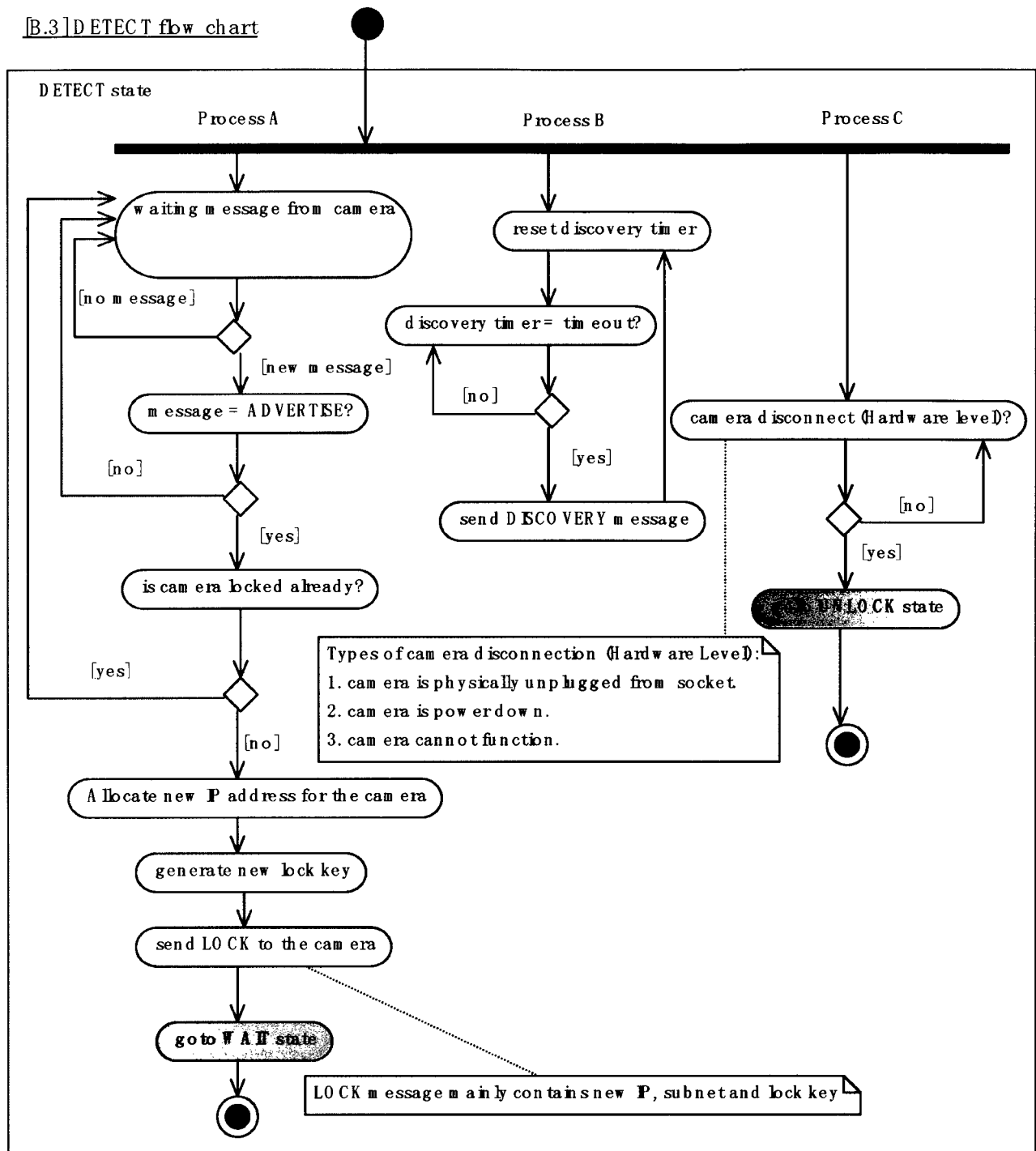


Figure 5d

[B.4] W A T flow chart

if there is no responses from the target camera in waiting period,
then abandon to lock

Types of camera disconnection (Hardware Level):

1. camera is unplugged from socket.
2. camera is power down.
3. camera cannot function.

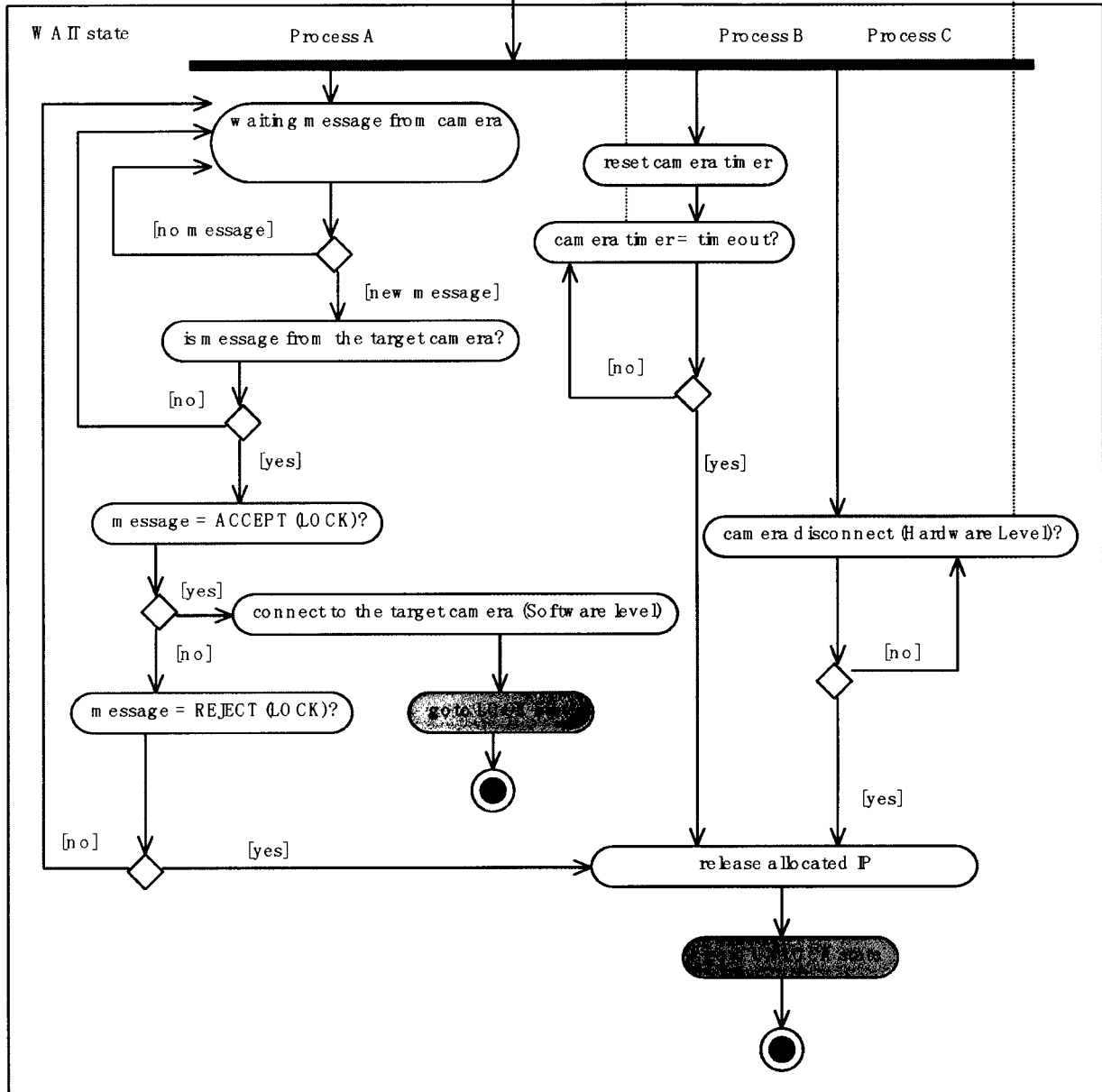


Figure 5e

B.5] LOCK flow chart

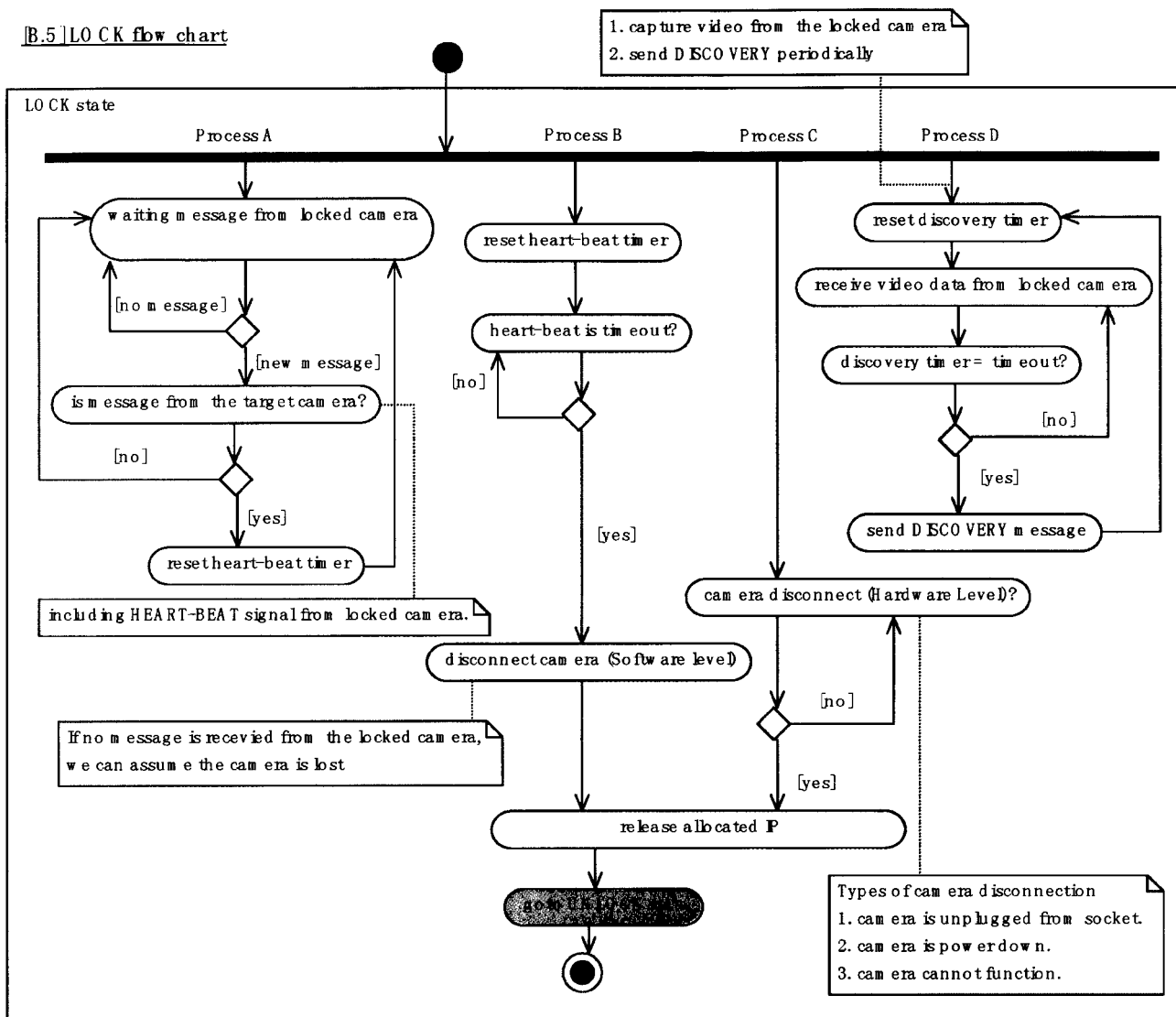


Figure 5f