

Fig.1

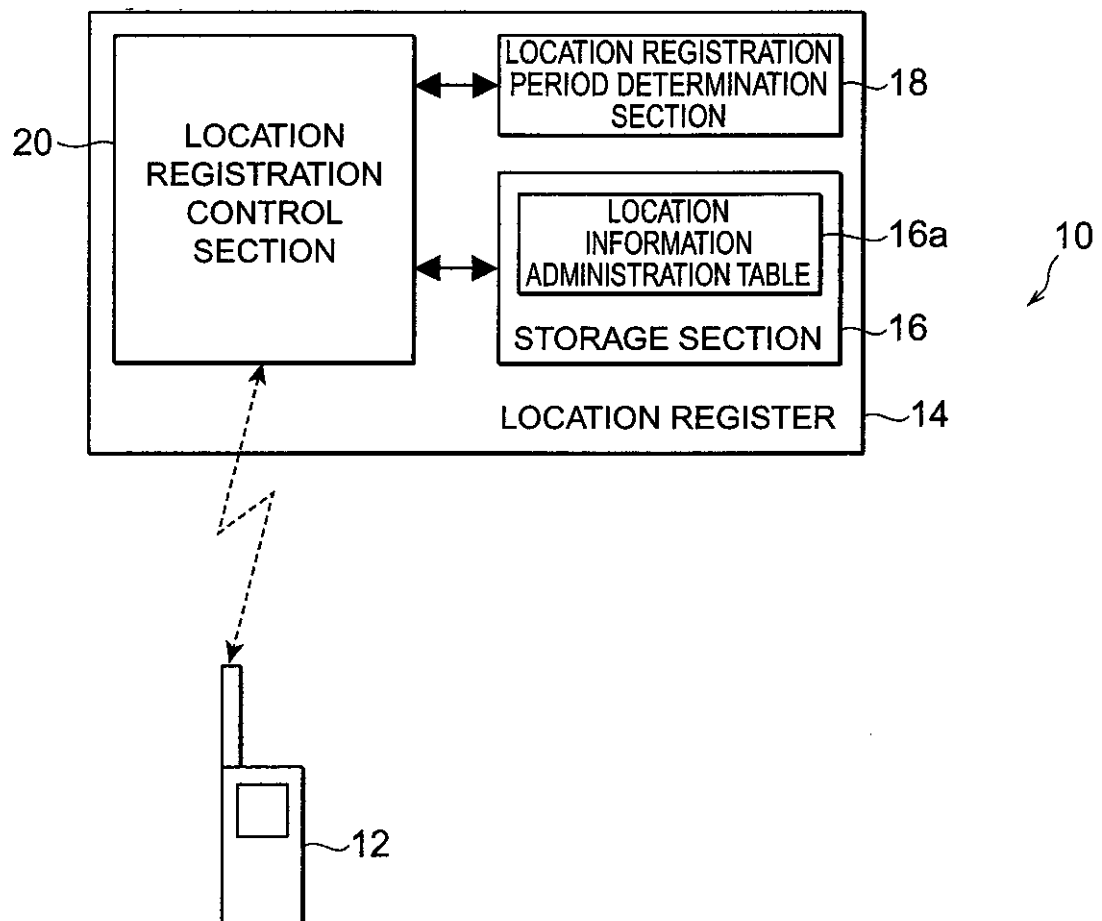


Fig.2

MOBILE COMMUNICATION TERMINAL	LOCATION INFORMATION	NUMBER OF STAYS
MOBILE COMMUNICATION TERMINAL1	LOCATION REGISTRATION AREA1	1
MOBILE COMMUNICATION TERMINAL2	LOCATION REGISTRATION AREA2	11
MOBILE COMMUNICATION TERMINAL3	LOCATION REGISTRATION AREA1	0

16a

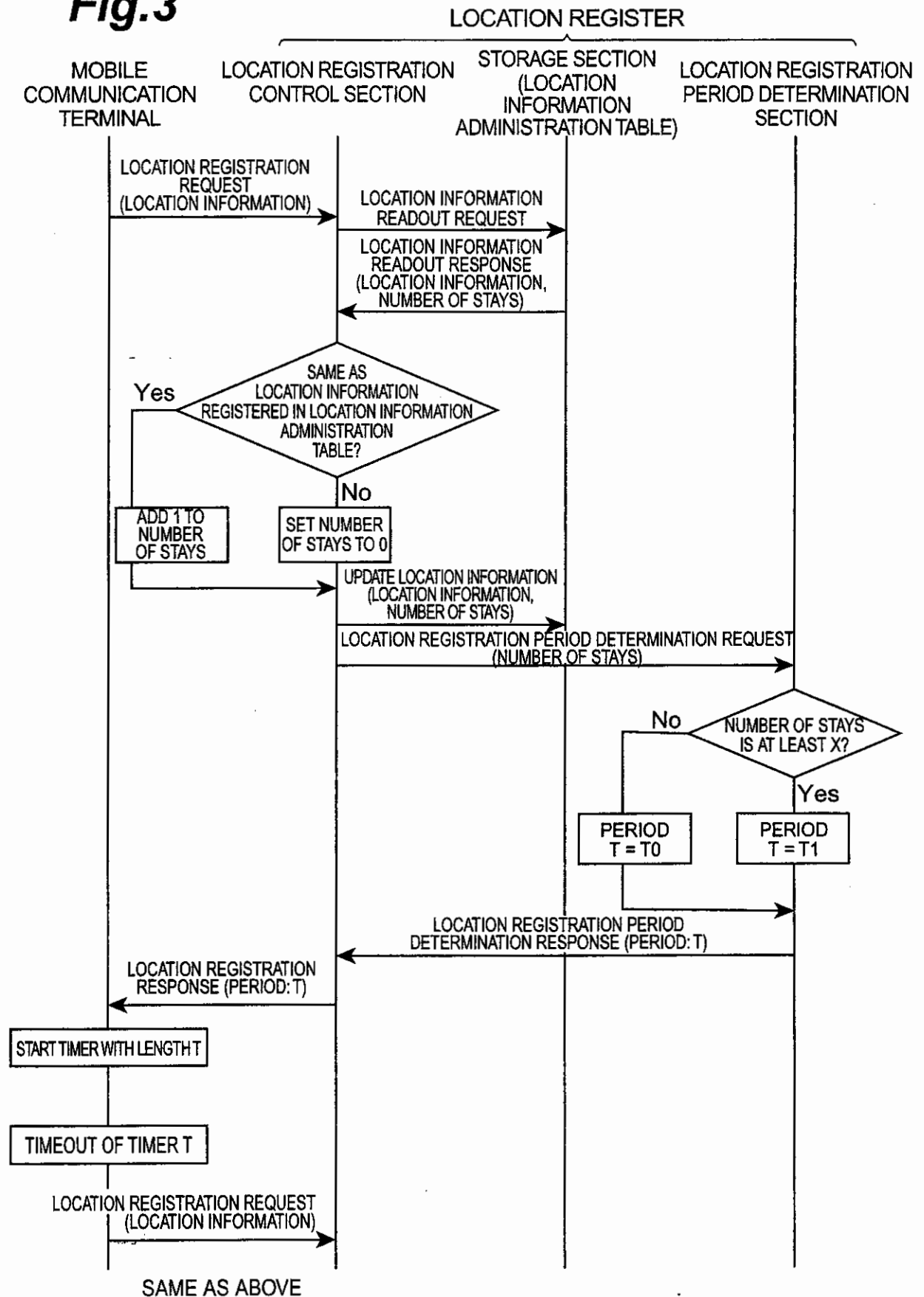
Fig.3

Fig.4

MOBILE COMMUNICATION TERMINAL	LOCATION INFORMATION	FREQUENCY OF INCOMING CALL
MOBILE COMMUNICATION TERMINAL1	LOCATION REGISTRATION AREA1	1
MOBILE COMMUNICATION TERMINAL2	LOCATION REGISTRATION AREA2	4
MOBILE COMMUNICATION TERMINAL3	LOCATION REGISTRATION AREA1	5

16b

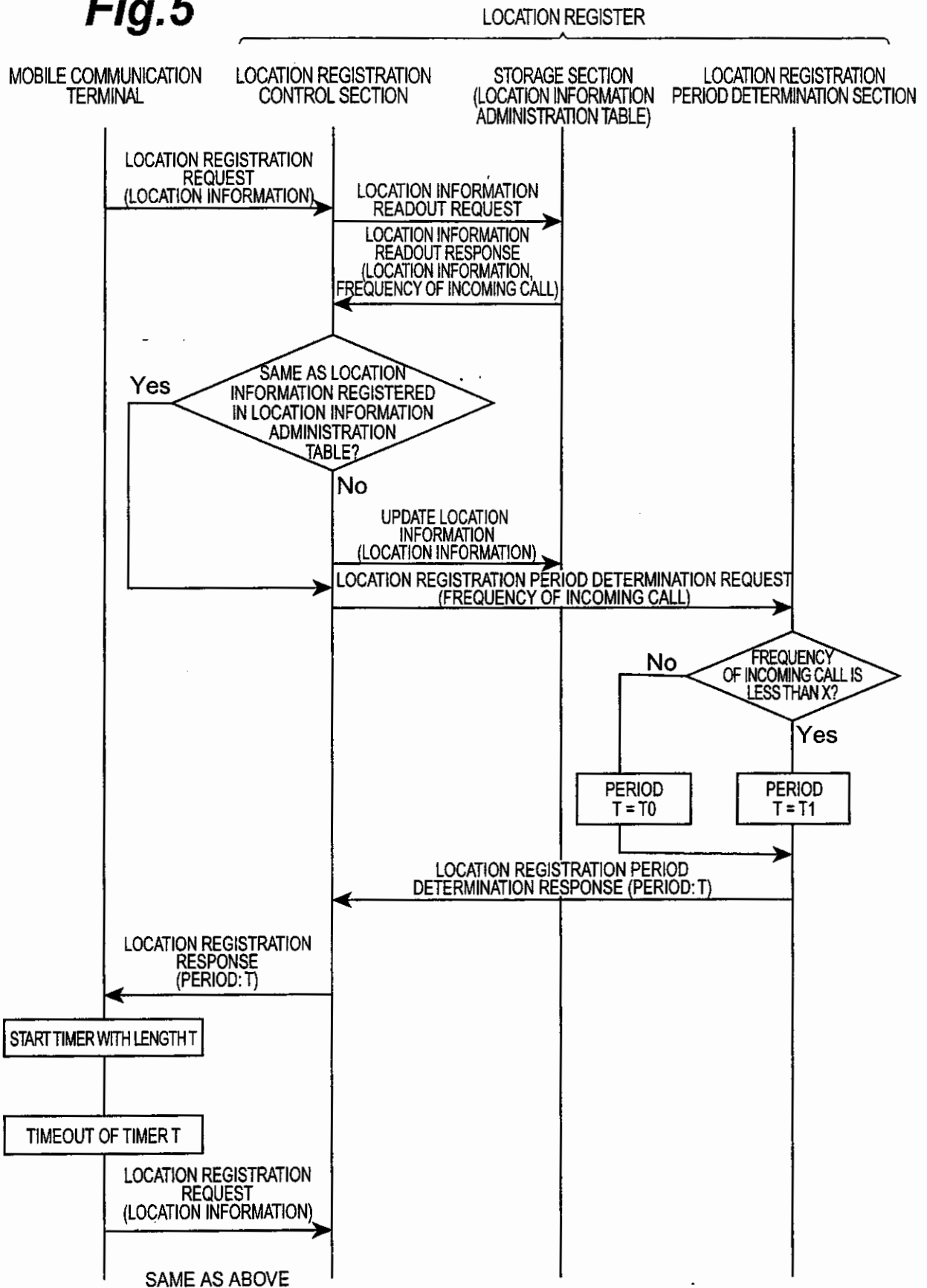
Fig.5

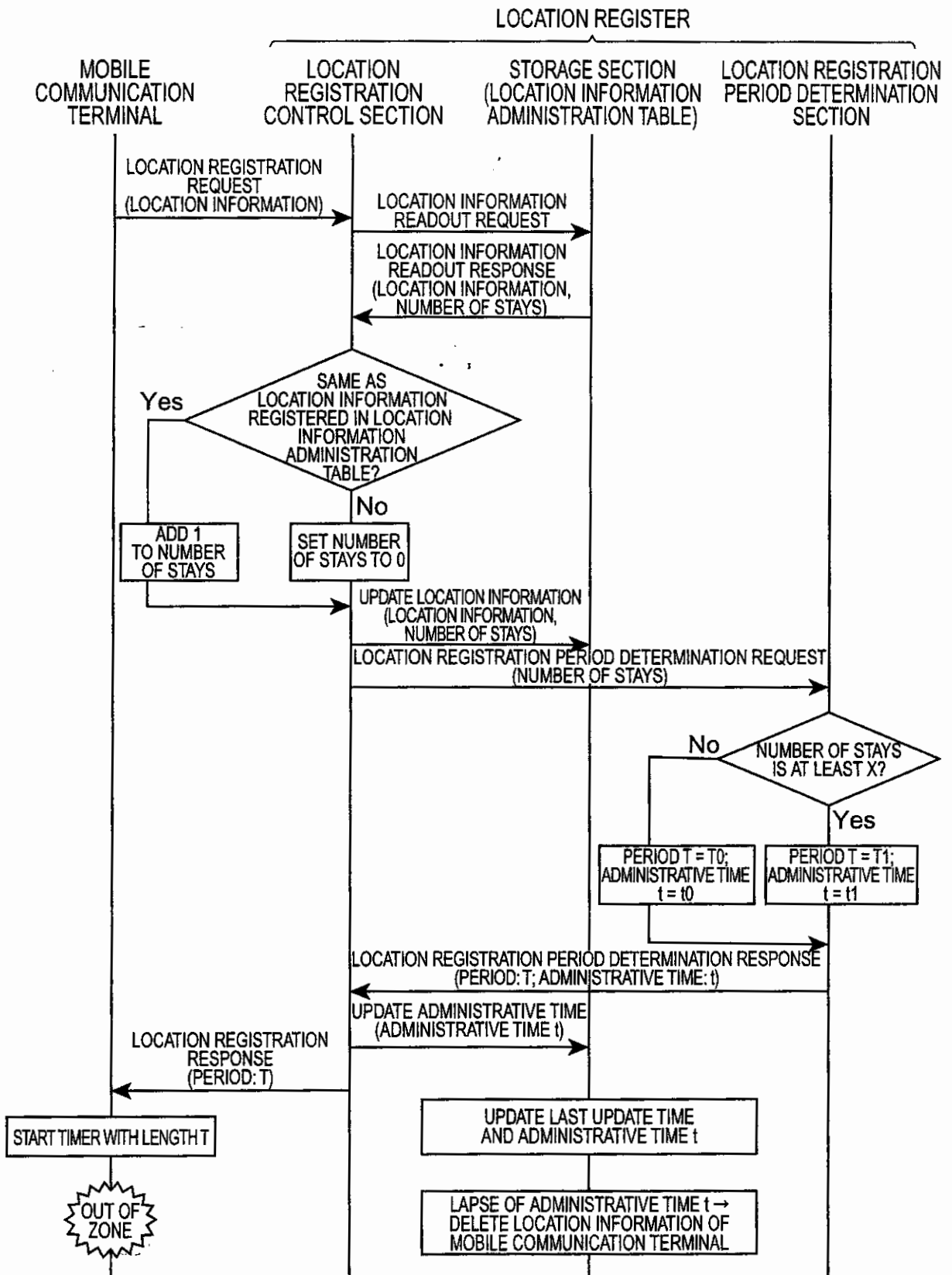
Fig. 6

Fig.7

MOBILE COMMUNICATION TERMINAL	LOCATION INFORMATION	NUMBER OF STAYS	LAST UPDATE TIME	LOCATION REGISTRATION ADMINISTRATION PERIOD
MOBILE COMMUNICATION TERMINAL1	LOCATION REGISTRATION AREA1	1	11:22:23	70min
MOBILE COMMUNICATION TERMINAL2	LOCATION REGISTRATION AREA2	11	11:30:00	130min
MOBILE COMMUNICATION TERMINAL3	LOCATION REGISTRATION AREA1	0	11:45:00	70min

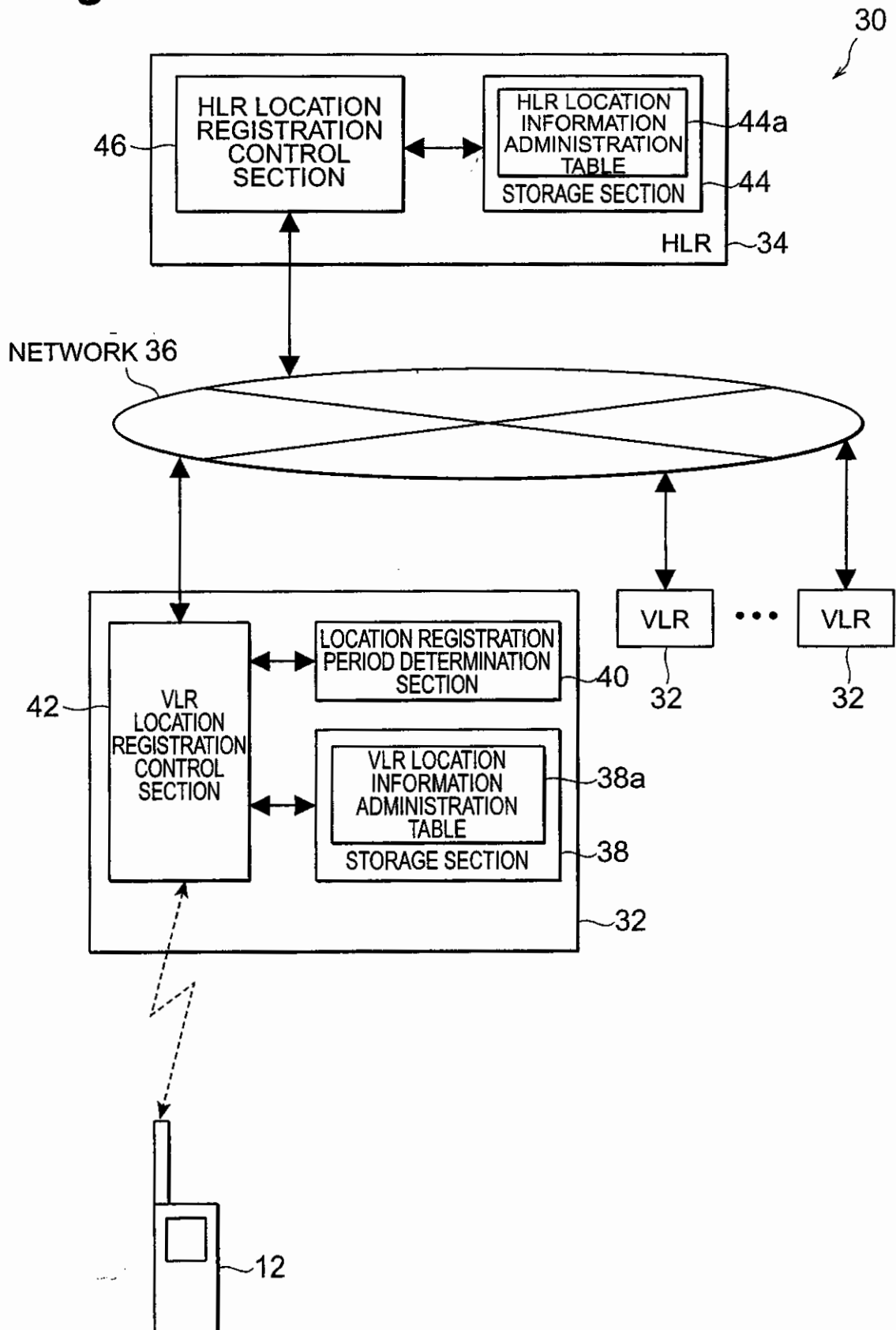
Fig.8

Fig.9

MOBILE COMMUNICATION TERMINAL	LOCATION INFORMATION	NUMBER OF STAYS
MOBILE COMMUNICATION TERMINAL1	LOCATION REGISTRATION AREA1	1
MOBILE COMMUNICATION TERMINAL2	LOCATION REGISTRATION AREA2	11
MOBILE COMMUNICATION TERMINAL3	VACANT	—

38a

Fig.10

MOBILE COMMUNICATION TERMINAL	VISITED VLR
MOBILE COMMUNICATION TERMINAL1	VLR1
MOBILE COMMUNICATION TERMINAL2	VLR1
MOBILE COMMUNICATION TERMINAL3	VLR2

44a

Fig. 11

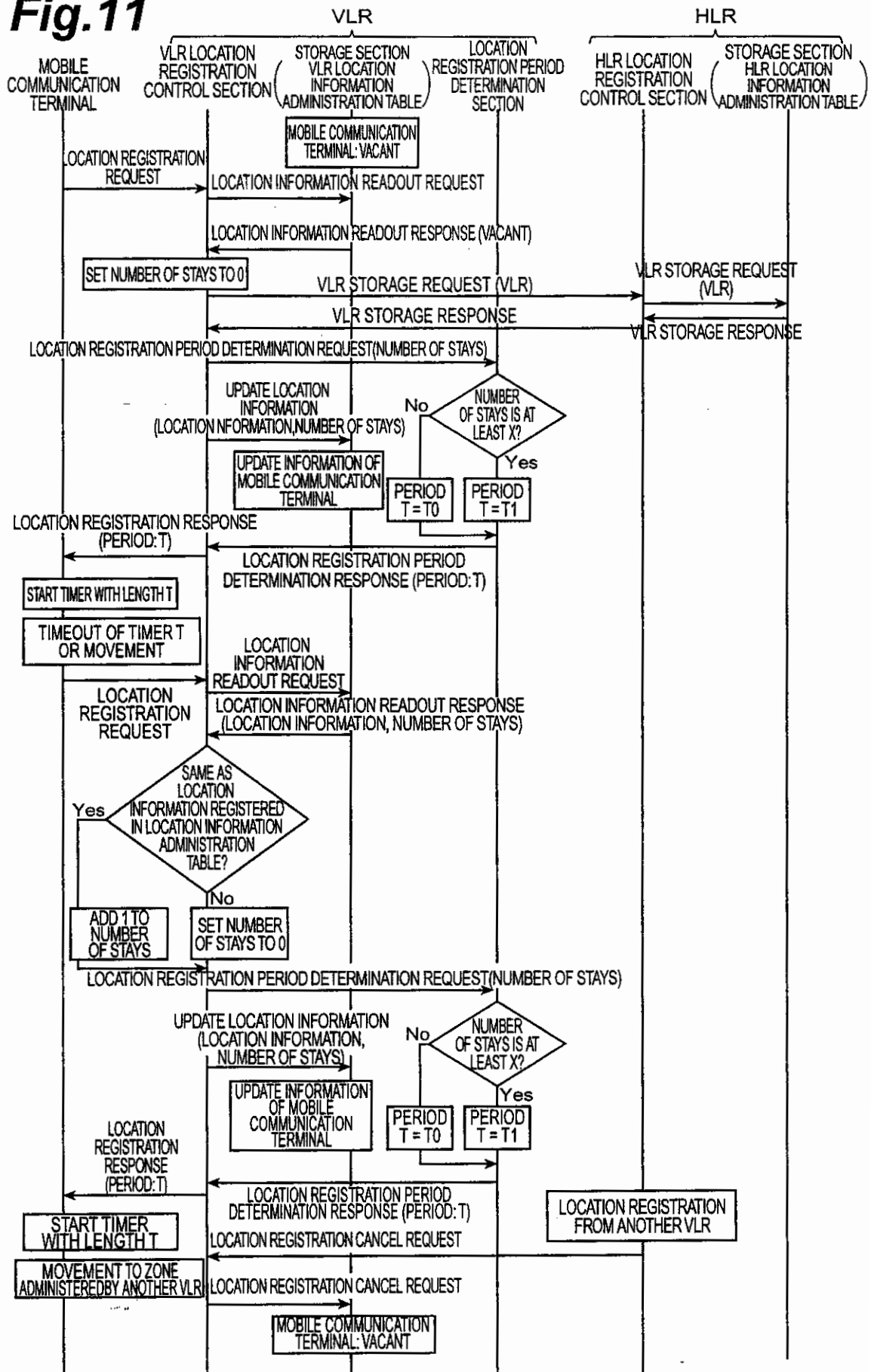


Fig.12

MOBILE COMMUNICATION TERMINAL	LOCATION INFORMATION	FREQUENCY OF INCOMING CALL
MOBILE COMMUNICATION TERMINAL1	LOCATION REGISTRATION AREA1	1
MOBILE COMMUNICATION TERMINAL2	LOCATION REGISTRATION AREA2	4
MOBILE COMMUNICATION TERMINAL3	VACANT	—

38b

Fig.13

MOBILE COMMUNICATION TERMINAL	VISITED VLR	FREQUENCY OF INCOMING CALL
MOBILE COMMUNICATION TERMINAL1	VLR1	1
MOBILE COMMUNICATION TERMINAL2	VLR1	4
MOBILE COMMUNICATION TERMINAL3	VLR2	5

44b

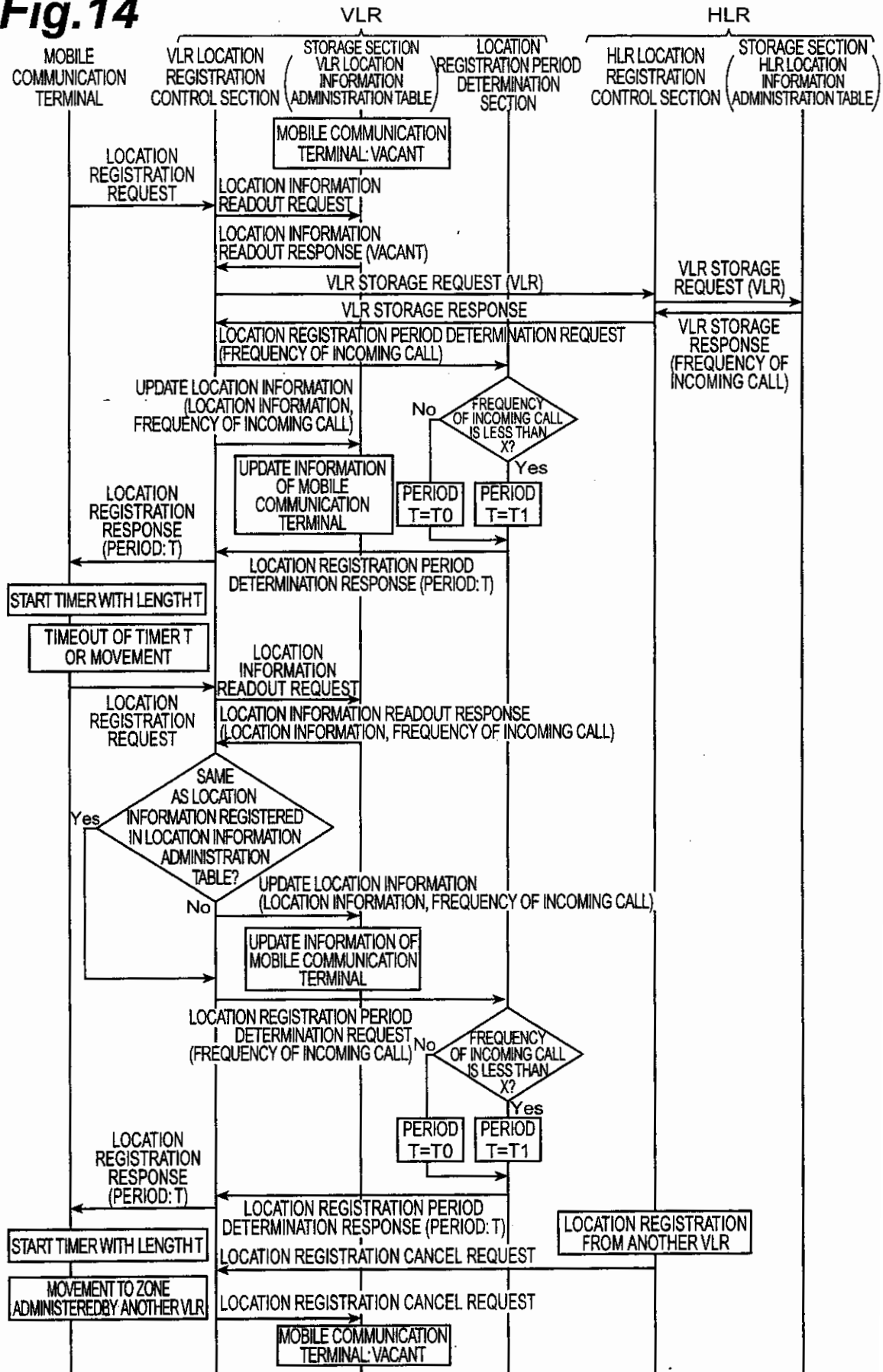
Fig.14

Fig.15

MOBILE COMMUNICATION TERMINAL	LOCATION INFORMATION	NUMBER OF STAYS	LAST UPDATE TIME	LOCATION REGISTRATION ADMINISTRATION PERIOD
MOBILE COMMUNICATION TERMINAL1	LOCATION REGISTRATION AREA1	1	11:22:23	70min
MOBILE COMMUNICATION TERMINAL2	LOCATION REGISTRATION AREA2	11	11:30:00	130min
MOBILE COMMUNICATION TERMINAL3	VACANT	—	—	—

38c

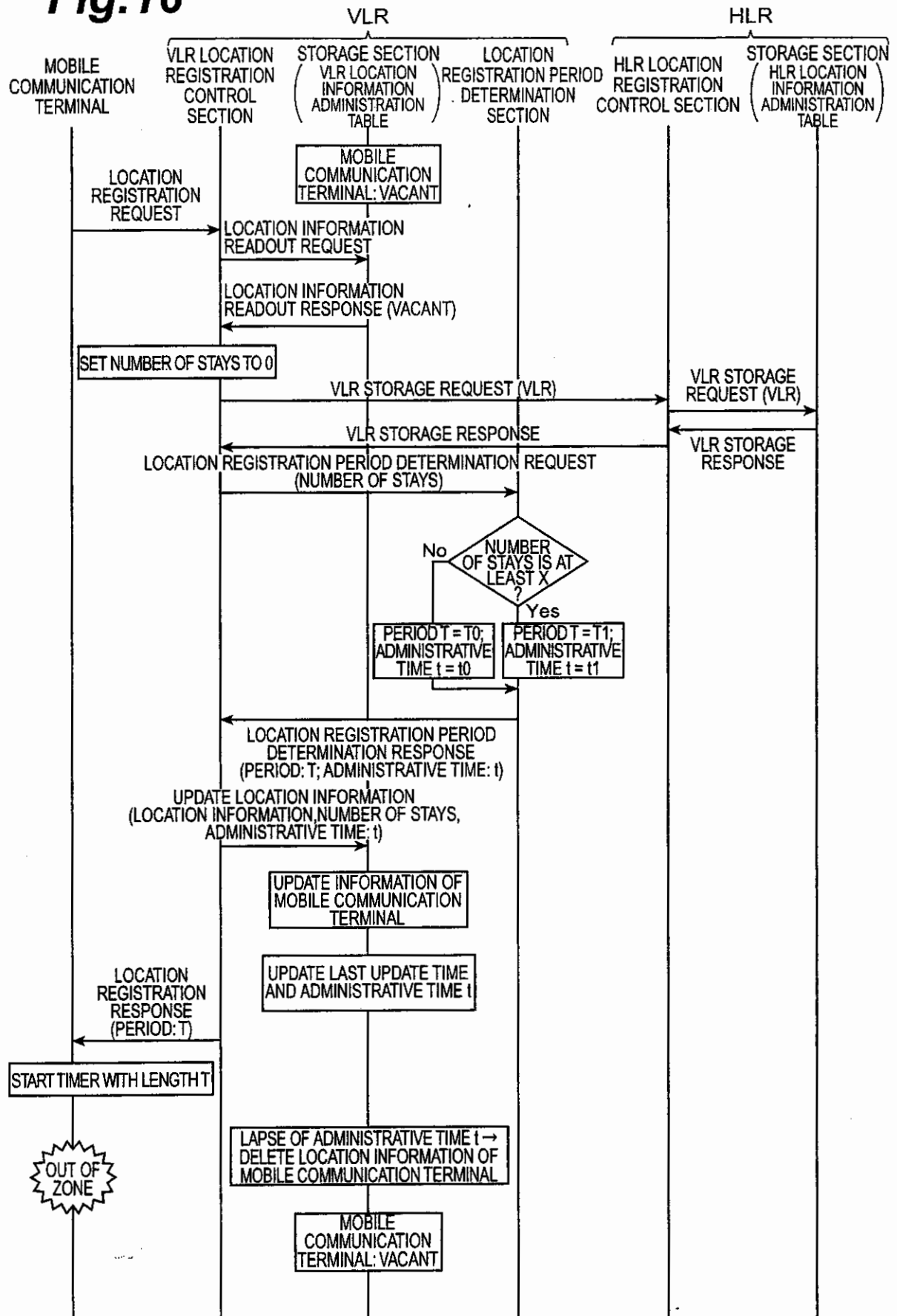
Fig.16

Fig.17

50

TIME ZONE	BEHAVIOR PATTERN
0:00~ 7:30	STAY IN HOME OR NEARBY
7:00~ 9:00	MOVE FROM HOME TO OFFICE
9:00~19:00	STAY IN OFFICE OR NEARBY
19:00~20:30	MOVE FROM OFFICE TO HOME
20:30~24:00	STAY IN HOME OR NEARBY