

Fig.1

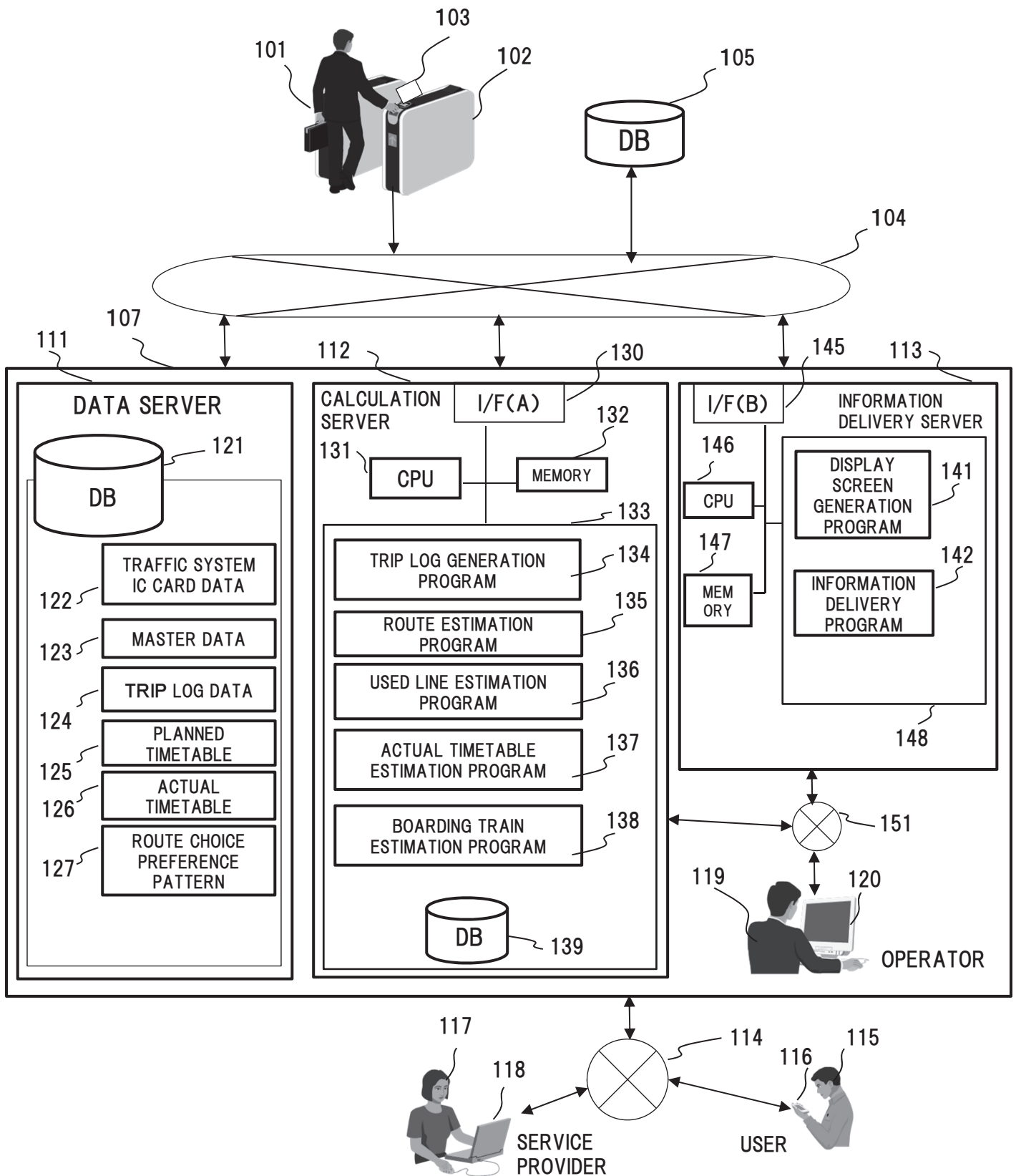


Fig.2

122

201

202

203

204

205

TRAFFIC SYSTEM IC CARD DATA	LOG ID	USER ID	STATION/BUS STOP ID	USE TIME	USE TYPE	---
	87654000	1234567	10001	2009/01/01 12:00	ENTRANCE	...
	87654001	1234567	10002	2009/01/01 12:15	EXIT	...
	87654002	1234569	10003	2009/01/01 12:30	ENTRANCE	...
	87654002	1234569		2009/01/01 12:31	PURCHASE	...
	87654003	1234569	10004	2009/01/01 13:00	EXIT	...
	...	...	...	...	...	...

Fig.3

MASTER DATA

123

300 STATION/BUS STOP MASTER	301 STATION/BUS STOP ID	302 STATION/BUS STOP NAME	303 POSSESSION COMPANY	304 LOCATION	305 LATITUDE AND LONGITUDE	---
	10001	STATION A	○○	.. PREFECTURE .. CITY..	139.xxx, 34.xxx	
	10002	STATION B	△△	.. METROPOLITAN .. WARD..	139.ww, 34.ww	
	10003	BUS STOP C	× ×	.. PREFECTURE .. CITY..	140.yyy, 35.vv	
	10004	BUS STOP D	× ×	.. METROPOLITAN .. WARD..	138.xx, 35.mm	
310 LINE MASTER	311 LINE ID	312 LINE NAME	313 OPERATING COMPANY	314 LINE TYPE	---	
	20001	X LINE LOCAL	○○	RAILWAY LOCAL TRAIN		
	20002	X LINE EXPRESS	○○	RAILWAY EXPRESS TRAIN		
	20003	△ BUS 300 LINE	× ×	ROUTE BUS		
	20004	□ BUS 400 LINE	× ×	ROUTE BUS		
320 STATION/BUS STOP/LINE-RELATED MASTER	321 LINE ID	322 STATION/BUS STOP ID	323 SEQUENCE	324 TYPE	325 REQUIRED TIME FROM STARTING POINT	---
	20002	10001	1	STOP	0	
	20002	10002	2	PASS	3	
	20003	10003	1	STOP	0	
	20003	10004	2	STOP	5	

Fig.4

124 TRIP LOG DATA	401 LOG ID	402 USER ID	403 BOARDING DATE AND TIME	404 ALIGHTING DATE AND TIME	405 PAID AMOUNT	406 BOARDING STATION/ BUS STOP ID1	407 ALIGHTING STATION/ BUS STOP ID1
	70001	1234567	2009/07/15 12:30:00	2009/07/15 13:25:10	200	10003	10004
	70002	1234568	2009/07/15 13:31:00	2009/07/15 13:45:25	120	10036	10042
	70003		2009/07/15 7:00	2009/07/15 7:30	400	10003	10006
	70004		2009/07/15 10:00	2009/07/15 11:00	520	10001	10031
	...	...	...	...	...	...	...

408 BOARDING STATION/B US STOP ID2	409 ALIGHTING STATION/ BUS STOP ID2	...
10001	10002	...
...	...	...

Fig.5

125		501		502		503		504		505	
PLANNED TIMETABLE	TIMETABLE ID	LINE ID	STOP STATION (BUS STOP)	ARRIVAL TIME	DEPARTURE TIME						
	10001	20001	○STATION	12:05	12:10						
	10002	20001	○△STATION	12:45	12:55						
	10003	20001	○□STATION	13:10	13:13						
	10004	20025	□STATION	8:06	8:15						
	10005	20025	□△STATION	8:56	9:02						
	...	...	...	...	...						

Fig.6

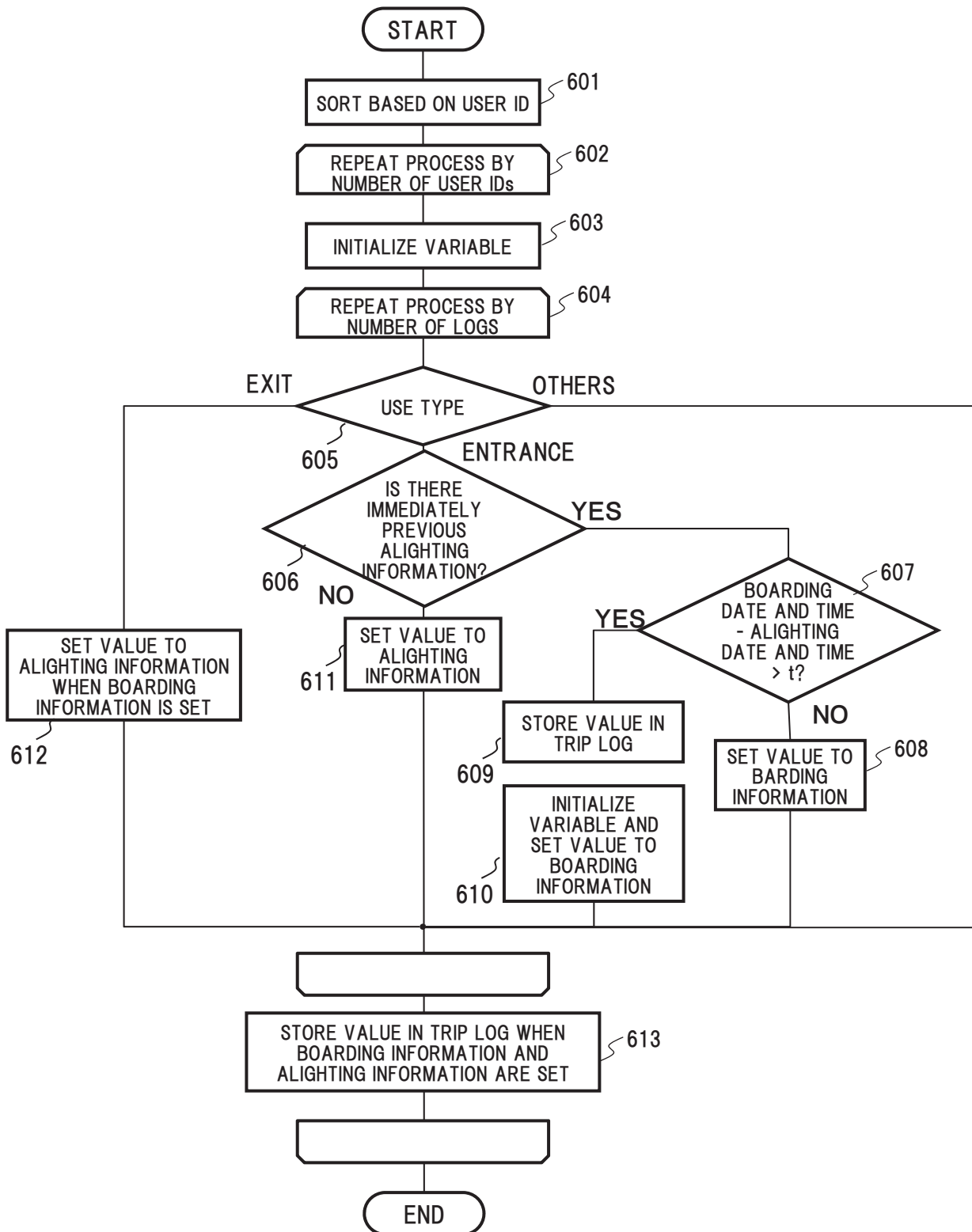


Fig.7

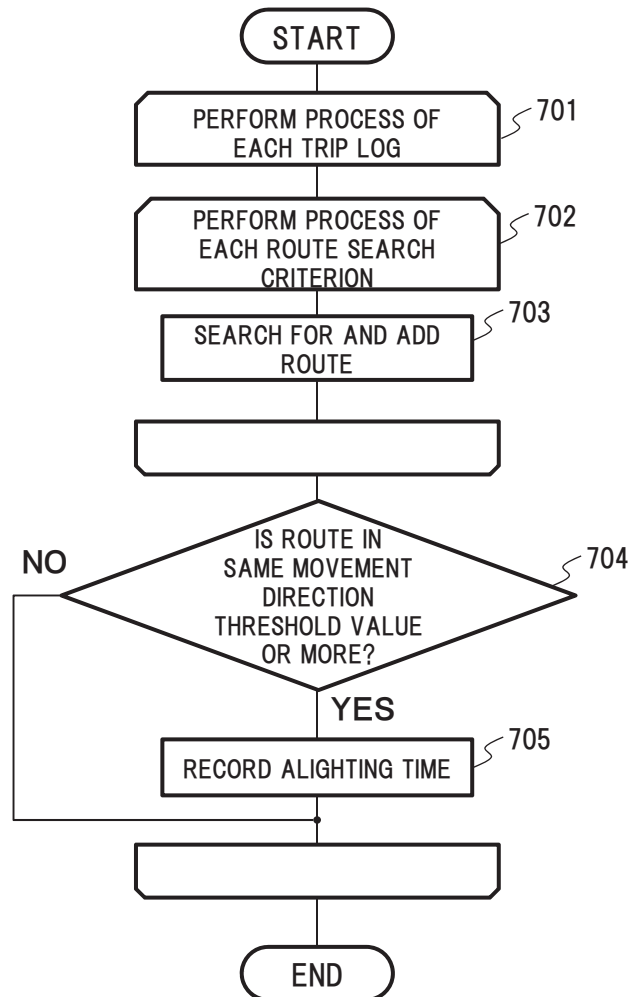


Fig.8

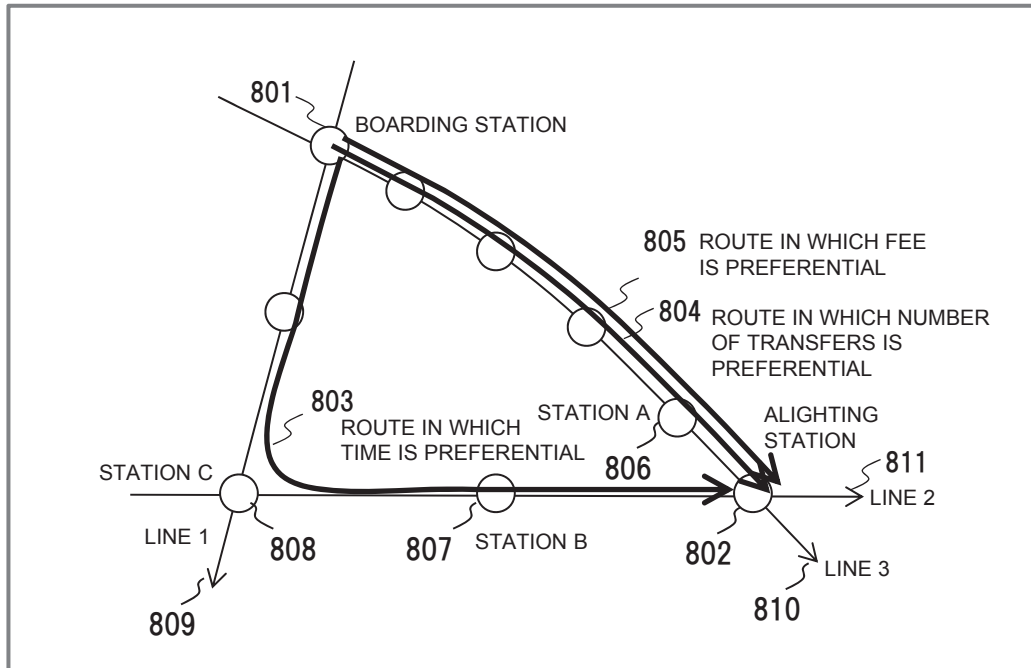


Fig.9

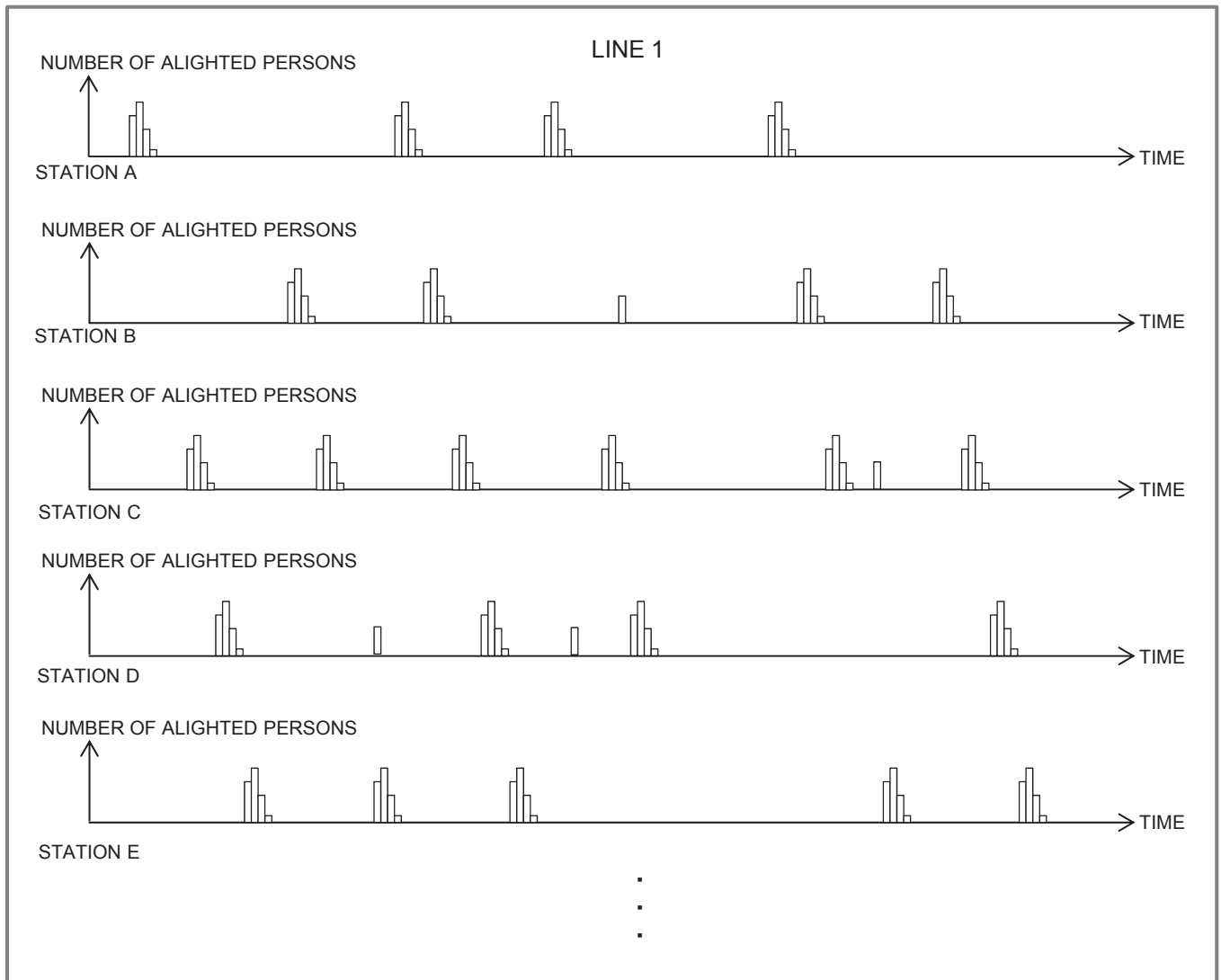


Fig.10

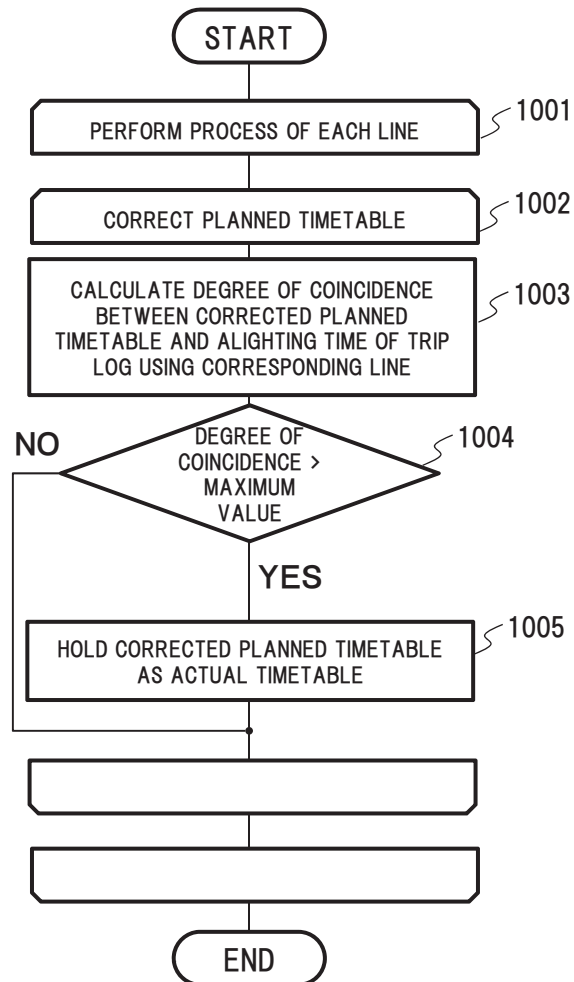


Fig.11

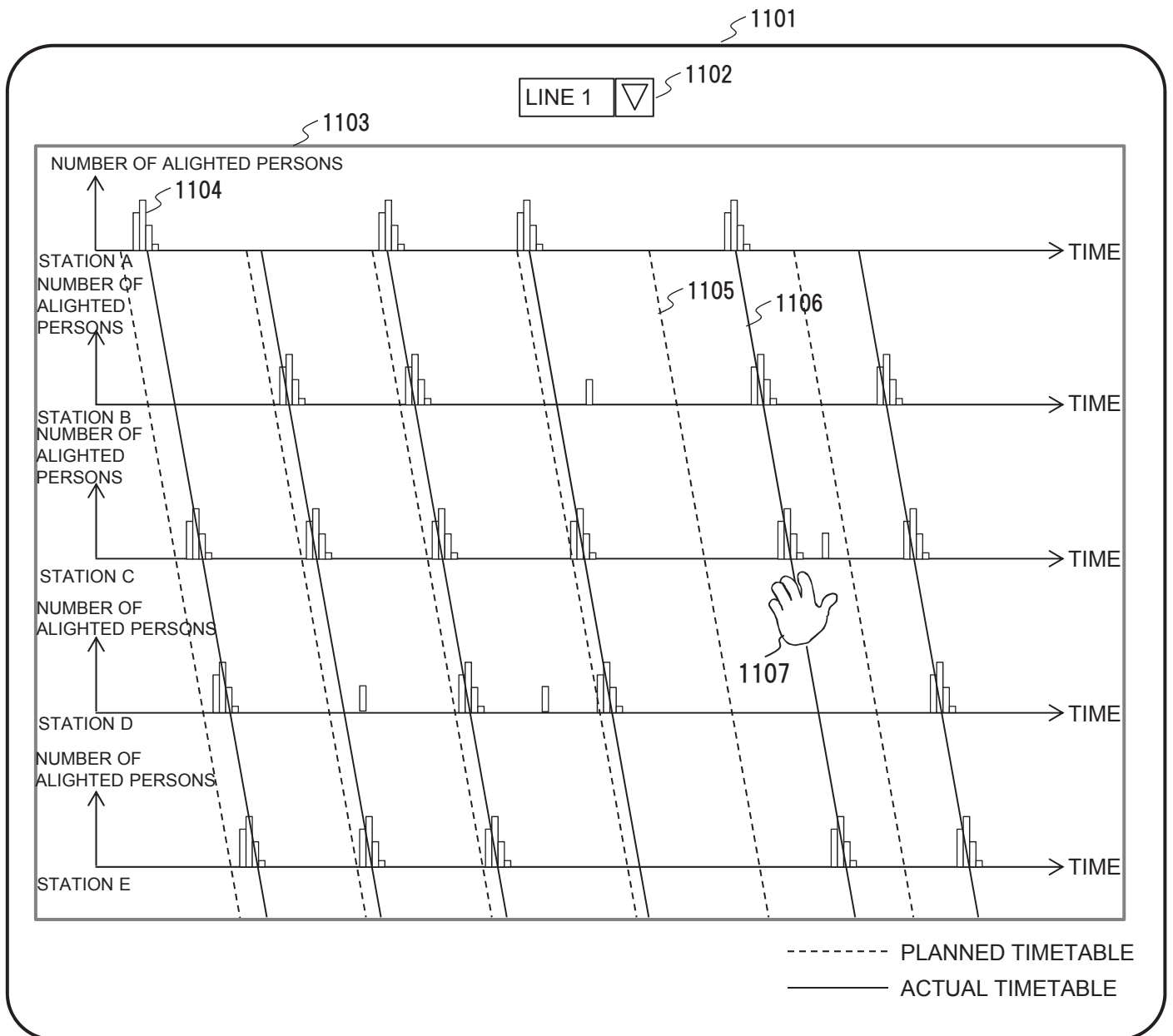


Fig.12

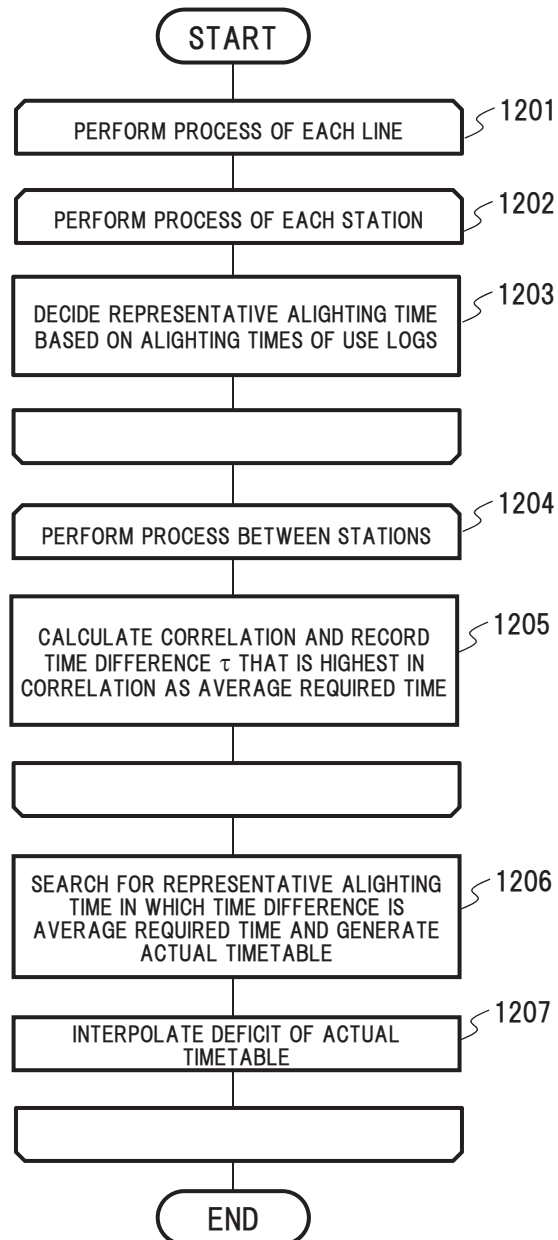


Fig.13

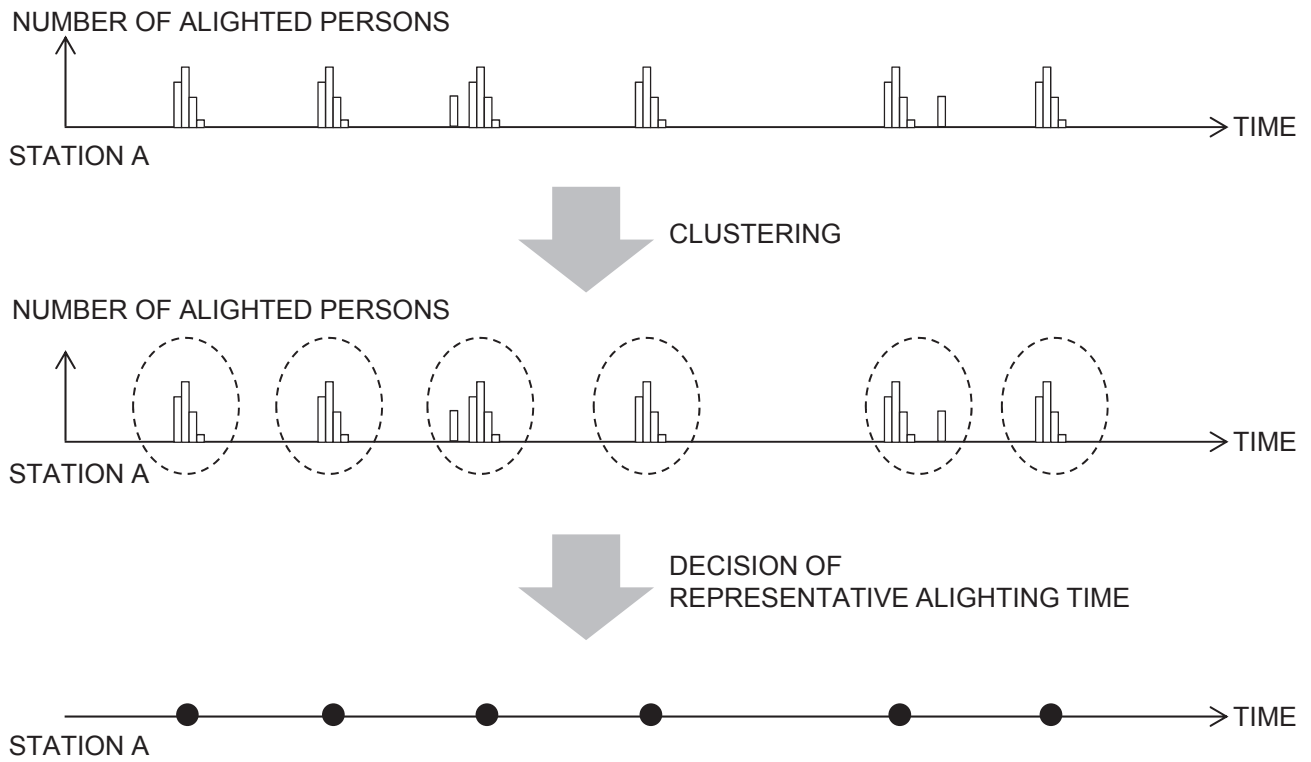


Fig.14

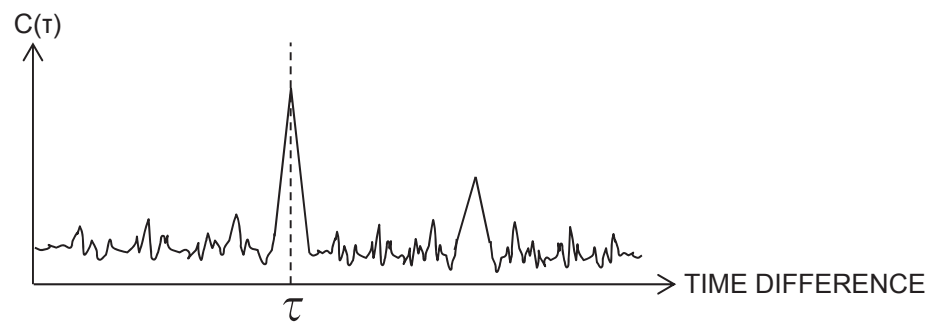


Fig.15

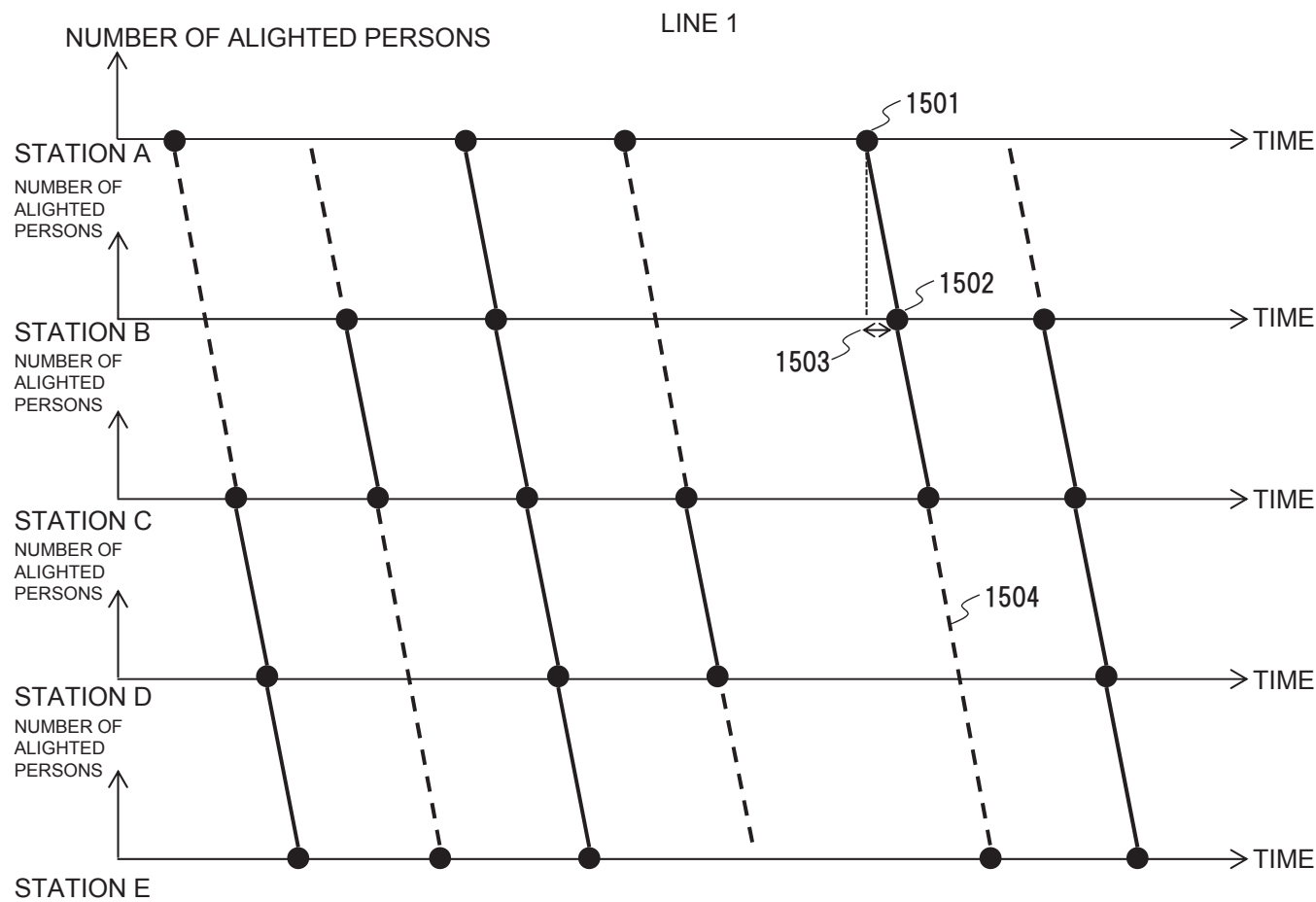


Fig.16

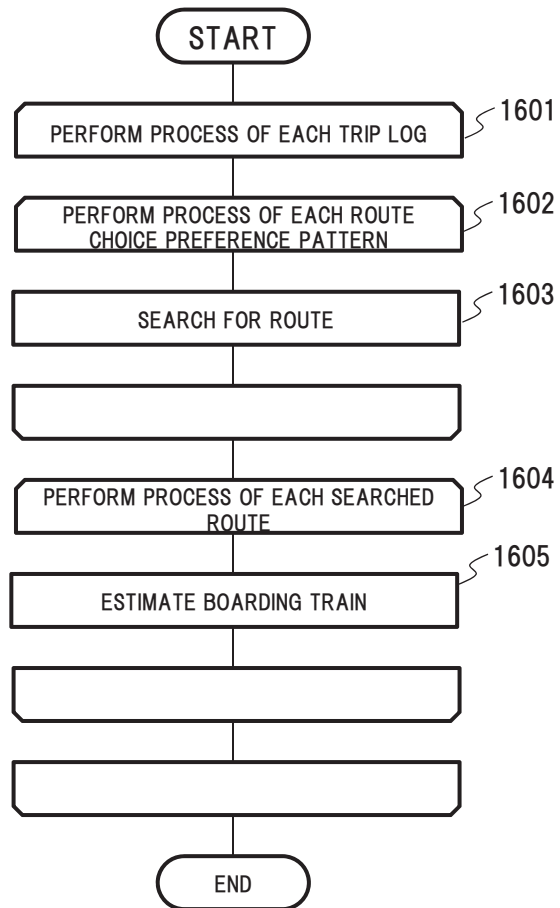


Fig.17

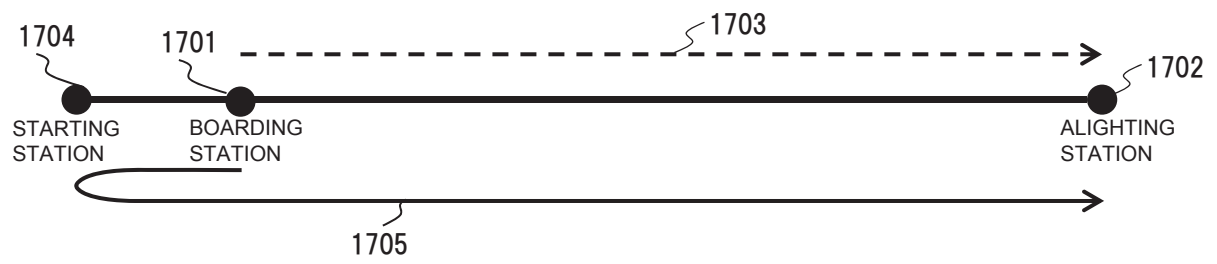


Fig.18

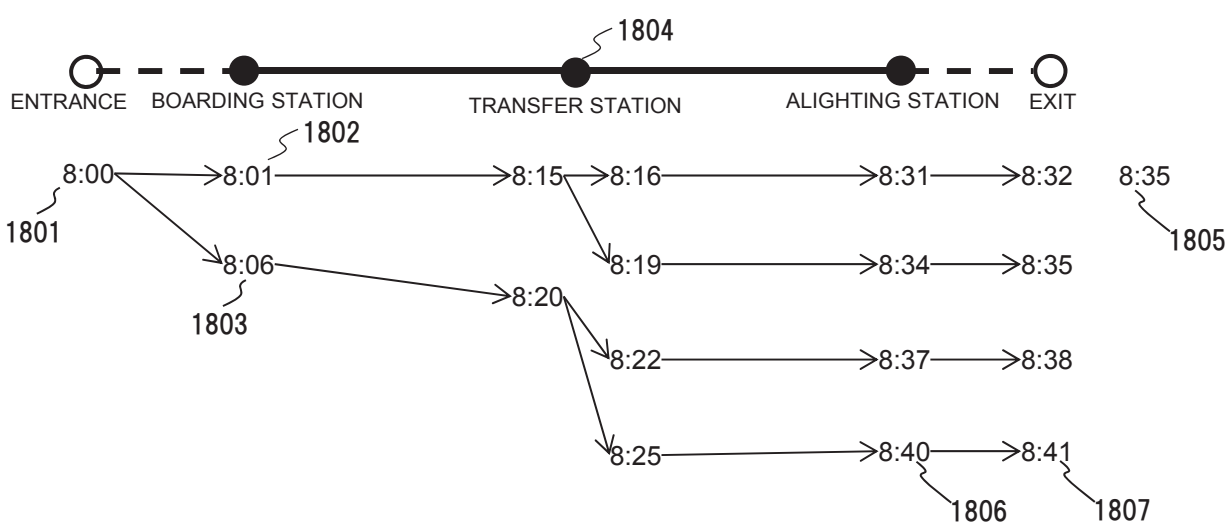


Fig.19

