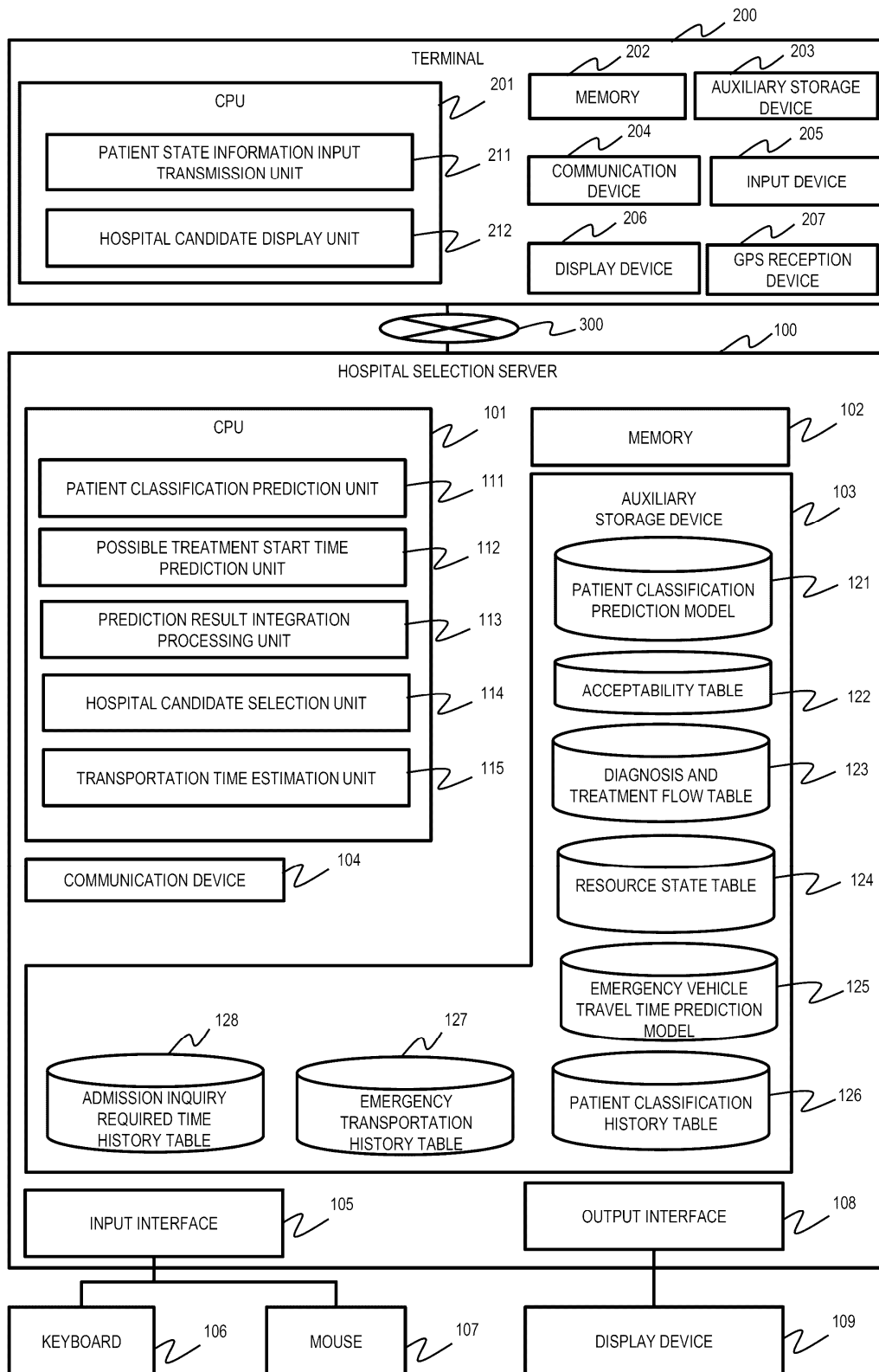


[FIG. 1]



[FIG. 2]

ACCEPTABILITY TABLE

ID	HOSPITAL	PATIENT CLASSIFICATION	RECEPTION ACCEPTABILITY	DIAGNOSIS AND TREATMENT FLOW ID	POSITION
1	MUNICIPAL HOSPITAL A	(A)	NO	-	(x1, y1)
2	MUNICIPAL HOSPITAL A	(B)	NO	-	(x1, y1)
3	MUNICIPAL HOSPITAL A	(C)	YES	1	(x1, y1)
4	MUNICIPAL HOSPITAL A	(D)	YES	2	(x1, y1)
5	PRIVATE HOSPITAL B	(A)	YES	3	(x2, y2)
6	PRIVATE HOSPITAL B	(B)	YES	4	(x2, y2)
7	PRIVATE HOSPITAL B	(C)	YES	5	(x2, y2)
...	...	...	...	...	...

1221 1222 1223 1224 1225 1226 122

[FIG. 3]

DIAGNOSIS AND TREATMENT FLOW TABLE

DIAGNOSIS AND TREATMENT FLOW ID: 3			
PROCESS ID	PROCESS NAME	START CONDITION	EXECUTION TIME
1	BLOOD TEST	TRANSPORTATION IS TERMINATED	10 MINUTES
2	CLINICAL HISTORY CONFIRMATION	TRANSPORTATION IS TERMINATED	5 MINUTES
3	ELECTROCARDIOGRAM TEST	TRANSPORTATION IS TERMINATED	5 MINUTES
4	ECHO	TRANSPORTATION IS TERMINATED	3 MINUTES
5	CT	1 TO 4 ARE TERMINATED	10 MINUTES
6	CONTRAST-ENHANCED CT	5 IS TERMINATED	10 MINUTES
7	t-PA TREATMENT	5 IS TERMINATED	1 HOUR
8	CATHETER TREATMENT	6 IS TERMINATED	1 HOUR

1231 1232 1233 1234 123

[FIG. 4]

RESOURCE STATE TABLE

PRIVATE HOSPITAL B	
PROCESS ID	POSSIBLE USE START TIME
1	0 MINUTES LATER
2	0 MINUTES LATER
3	0 MINUTES LATER
4	0 MINUTES LATER
5	30 MINUTES LATER
6	30 MINUTES LATER
7	0 MINUTES LATER
8	1 HOUR LATER

1241 1242

[FIG. 5]

PATIENT CLASSIFICATION HISTORY TABLE

	EXPLANATORY VARIABLE					OBJECTIVE VARIABLE
PATIENT ID	DIZZY	HEMIPLEGIA	CONVERSATION	TAKING ANTICOAGULANT	HISTORY OF DIABETES	PATIENT CLASSIFICATION
1	YES	NO	NORMAL	YES	NO	(A)
2	YES	YES	ABNORMAL	NO	NO	(B)
3	YES	YES	NORMAL	NO	NO	(A)
4	YES	YES	ABNORMAL	YES	YES	(C)

1261 1262 1263 126

[FIG. 6]

EMERGENCY TRANSPORTATION HISTORY TABLE

	EXPLANATORY VARIABLE			OBJECTIVE VARIABLE
ID	DAY OF WEEK	TIME PERIOD	TRAVEL TIME BASED ON ROUTE CALCULATION AND TRAFFIC JAM (MINUTES)	TRAVEL TIME OF EMERGENCY VEHICLE (MINUTES)
1	MONDAY	16 TO 19 O'CLOCK	8.5	7
2	MONDAY	10 TO 16 O'CLOCK	22	15
3	TUESDAY	16 TO 19 O'CLOCK	18	17

1271 1272 1273 127

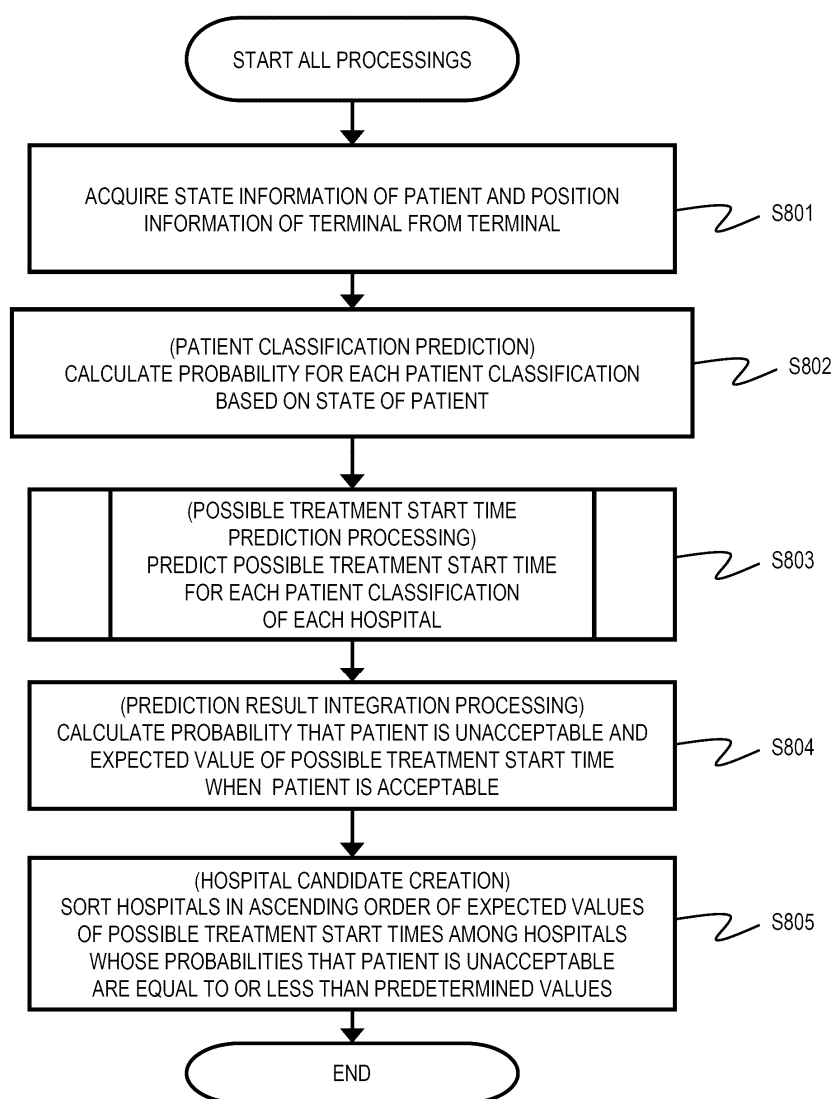
[FIG. 7]

ADMISSION INQUIRY REQUIRED TIME HISTORY TABLE

DATE AND TIME	HOSPITAL	TIME REQUIRED FOR INQUIRY	128
2018/12/1 19:00	MUNICIPAL HOSPITAL A	3 MINUTES	
2018/12/1 19:15	MUNICIPAL HOSPITAL A	4 MINUTES	
2018/12/1 20:20	PRIVATE HOSPITAL B	5 MINUTES	

1281 1282 1283

[FIG. 8]



[FIG. 9]

PROBABILITY OF EACH PATIENT CLASSIFICATION				
PATIENT CLASSIFICATION	(A)	(B)	(C)	(D)
PROBABILITY	60%	20%	15%	5%

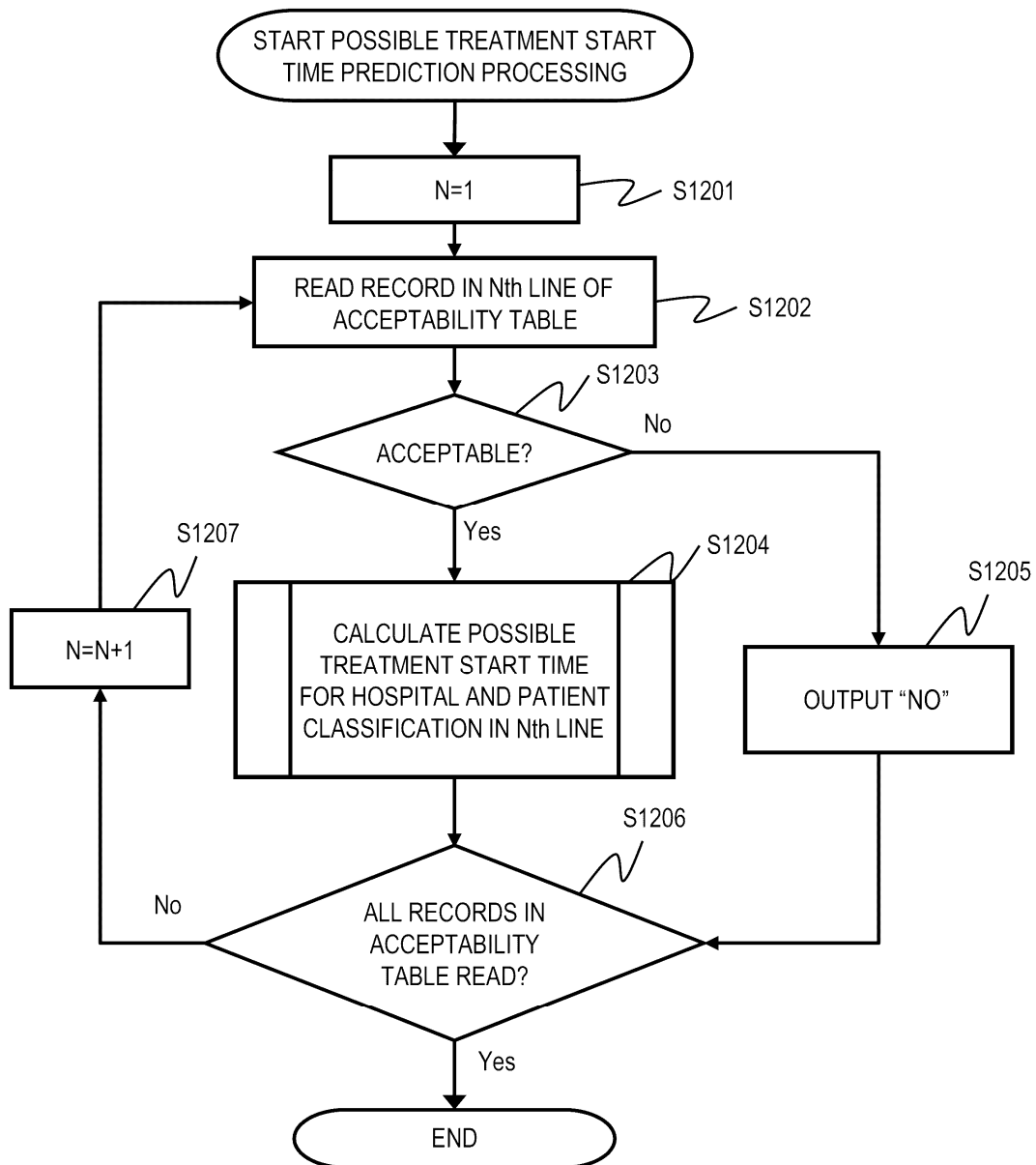
[FIG. 10]

POSSIBLE TREATMENT START TIME FOR EACH PATIENT CLASSIFICATION OF EACH HOSPITAL				
	(A)	(B)	(C)	(D)
MUNICIPAL HOSPITAL A	NO	NO	40 MINUTES LATER	50 MINUTES LATER
PRIVATE HOSPITAL B	50 MINUTES LATER	60 MINUTES LATER	50 MINUTES LATER	60 MINUTES LATER
UNIVERSITY HOSPITAL C	55 MINUTES LATER	55 MINUTES LATER	55 MINUTES LATER	55 MINUTES LATER

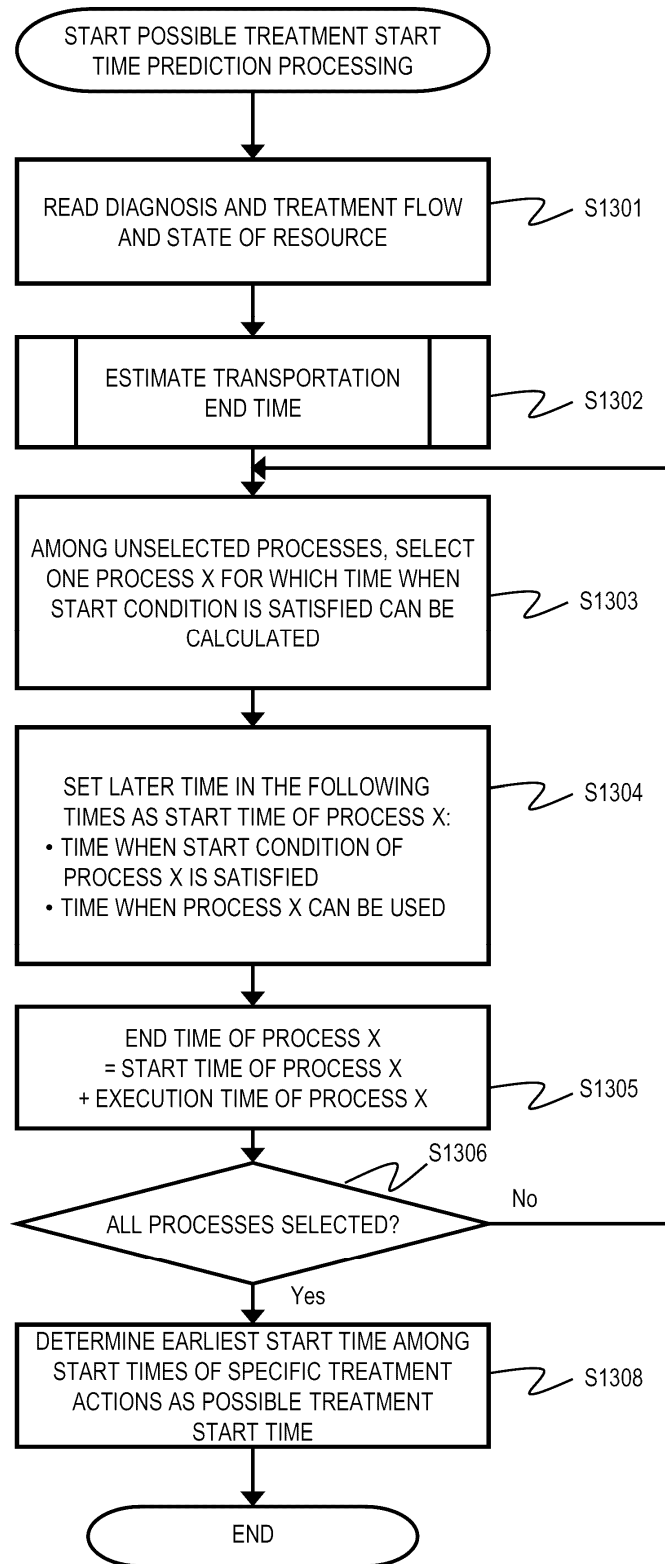
[FIG. 11]

HOSPITAL	PROBABILITY THAT PATIENT IS UNACCEPTABLE	EXPECTED VALUE OF POSSIBLE TREATMENT START TIME WHEN PATIENT IS ACCEPTABLE
MUNICIPAL HOSPITAL A	80%	42.5 MINUTES LATER
PRIVATE HOSPITAL B	0%	52.5 MINUTES LATER
UNIVERSITY HOSPITAL C	0%	55.0 MINUTES LATER

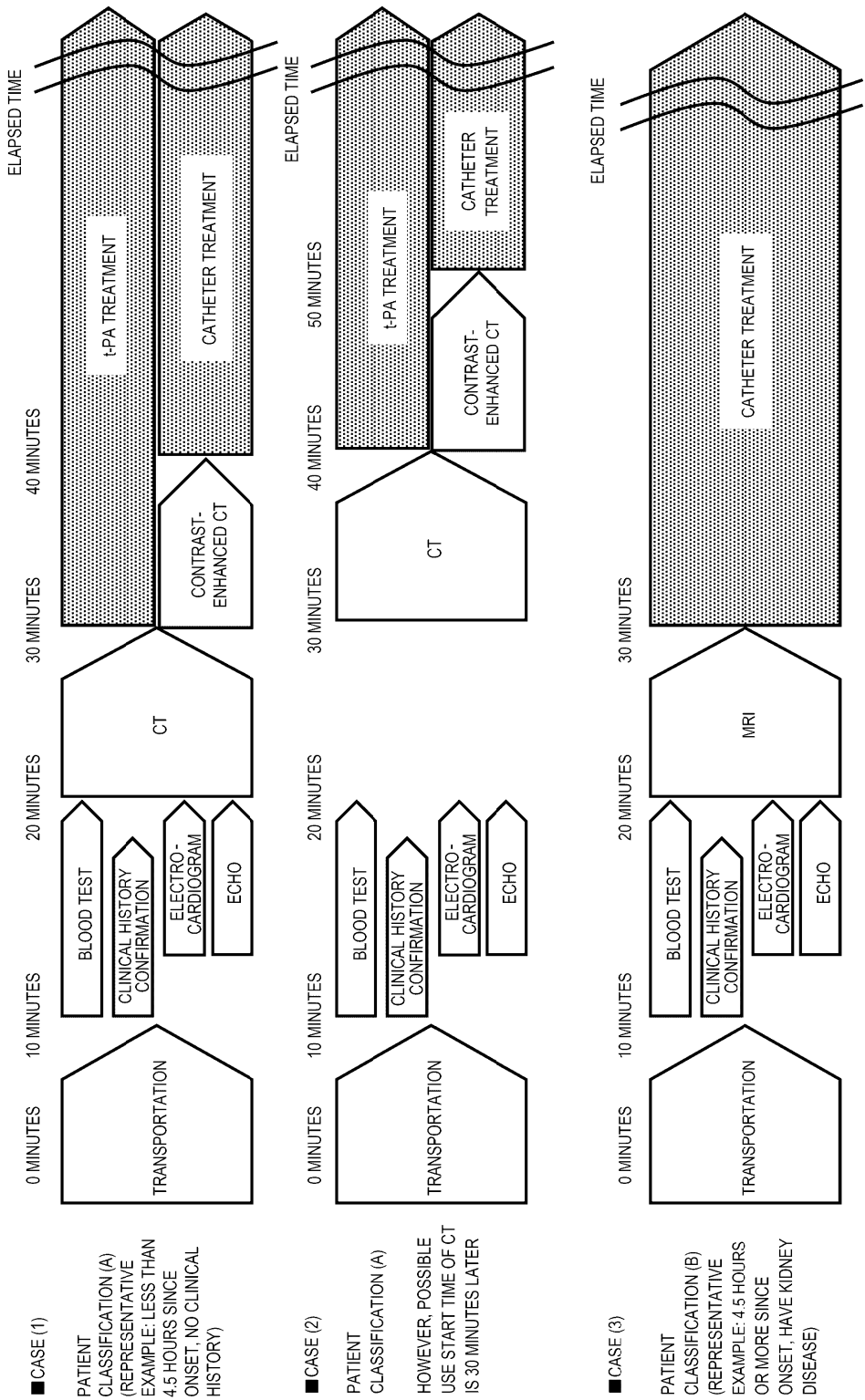
[FIG. 12]



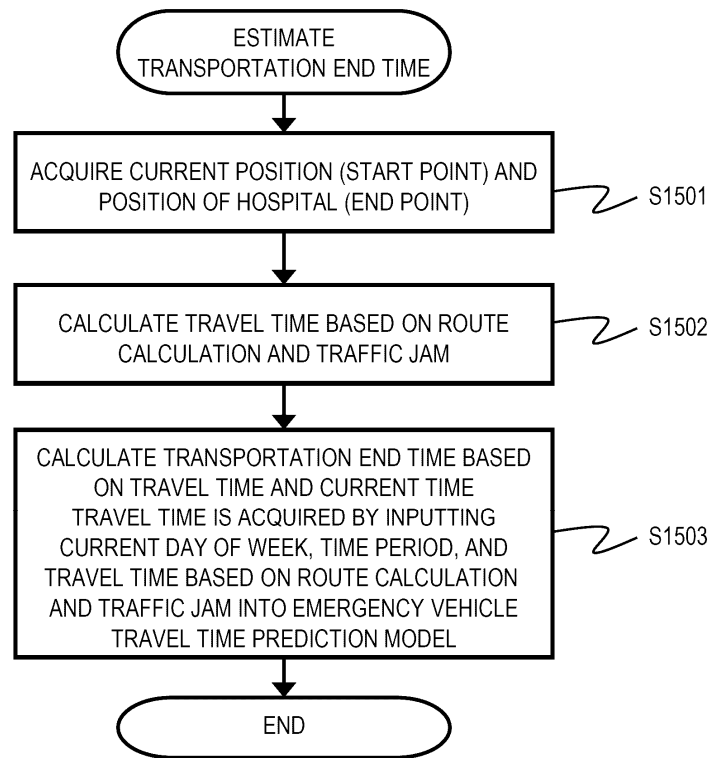
[FIG. 13]



[FIG. 14]



[FIG. 15]



[FIG. 16]

1600

1601

ENDOGENOUS CHIEF COMPLAINT		CURRENT DISEASE	CURRENT MEDICATION
DIZZY	YES NO UNKNOWN	DIABETES	ANTICOAGULANT
HEMIPLEGIA	YES NO UNKNOWN	HEART DISEASE	ANALGESIC
CONVERSATION	ABNORMAL NORMAL UNKNOWN	KIDNEY DISEASE	
FACE DISTORTION	YES NO UNKNOWN		
		ESTIMATED TIME SINCE ONSET	LESS THAN 4.5 HOURS 4.5 HOURS OR MORE

1602

DETERMINATION
EXECUTION

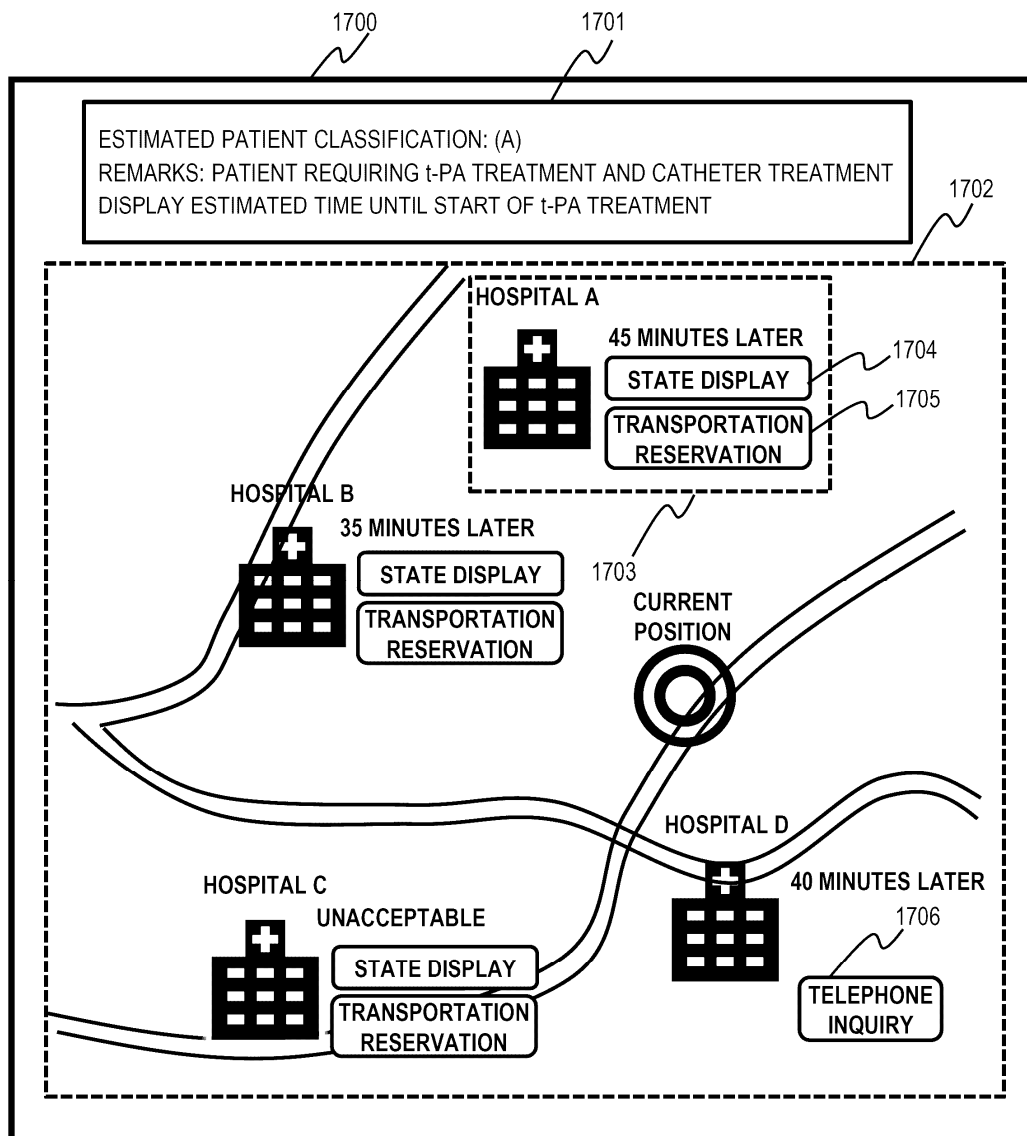
1603

PATIENT CLASSIFICATION RESULT

CLASSIFICATION: (A)

SUMMARY: t-PA TREATMENT AND CATHETER TREATMENT ARE REQUIRED.
CONTRAST-ENHANCED CT IS ADAPTED.

[FIG. 17]



[illegible][illegible]