

Fig.1

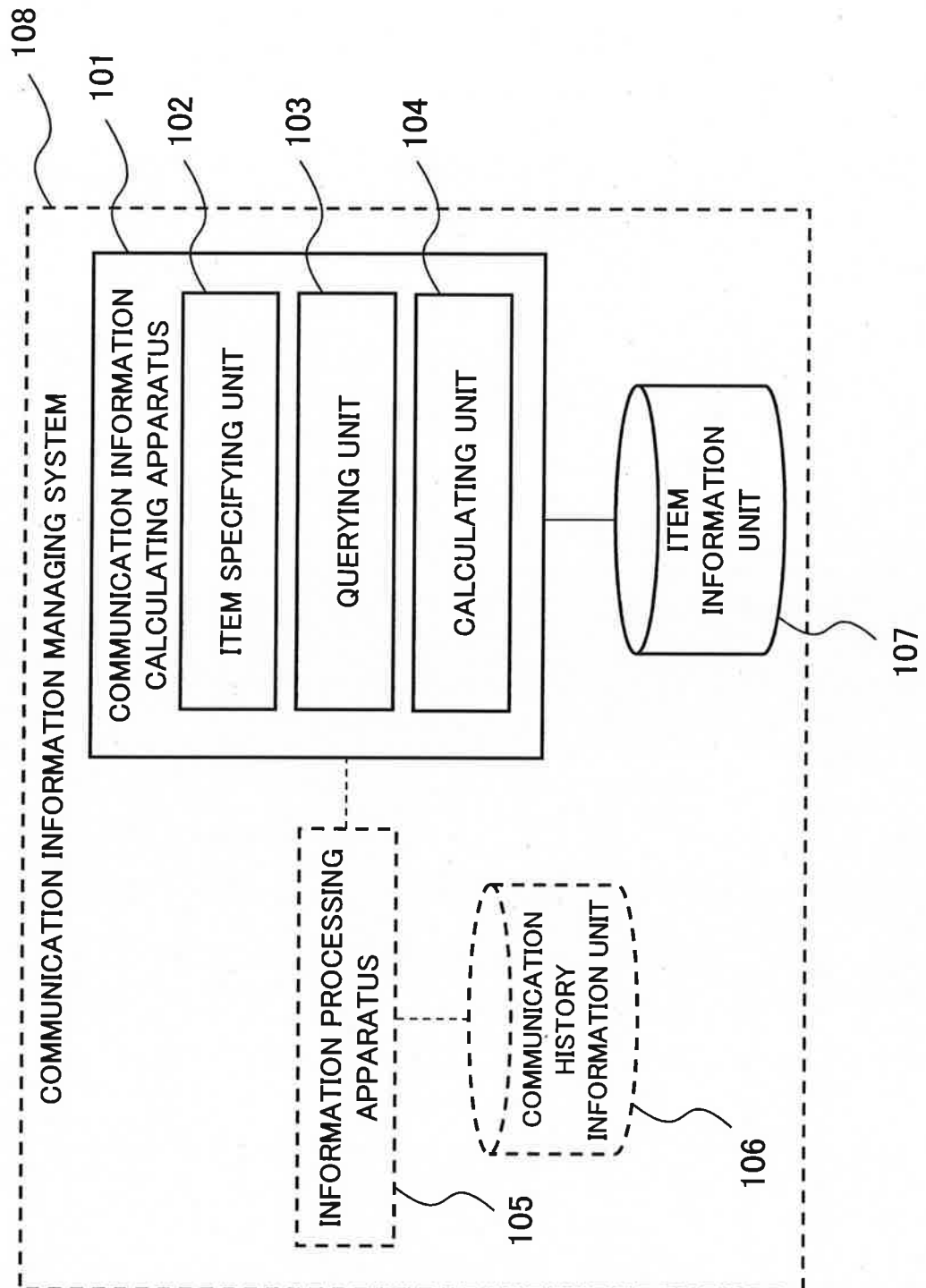


Fig.2

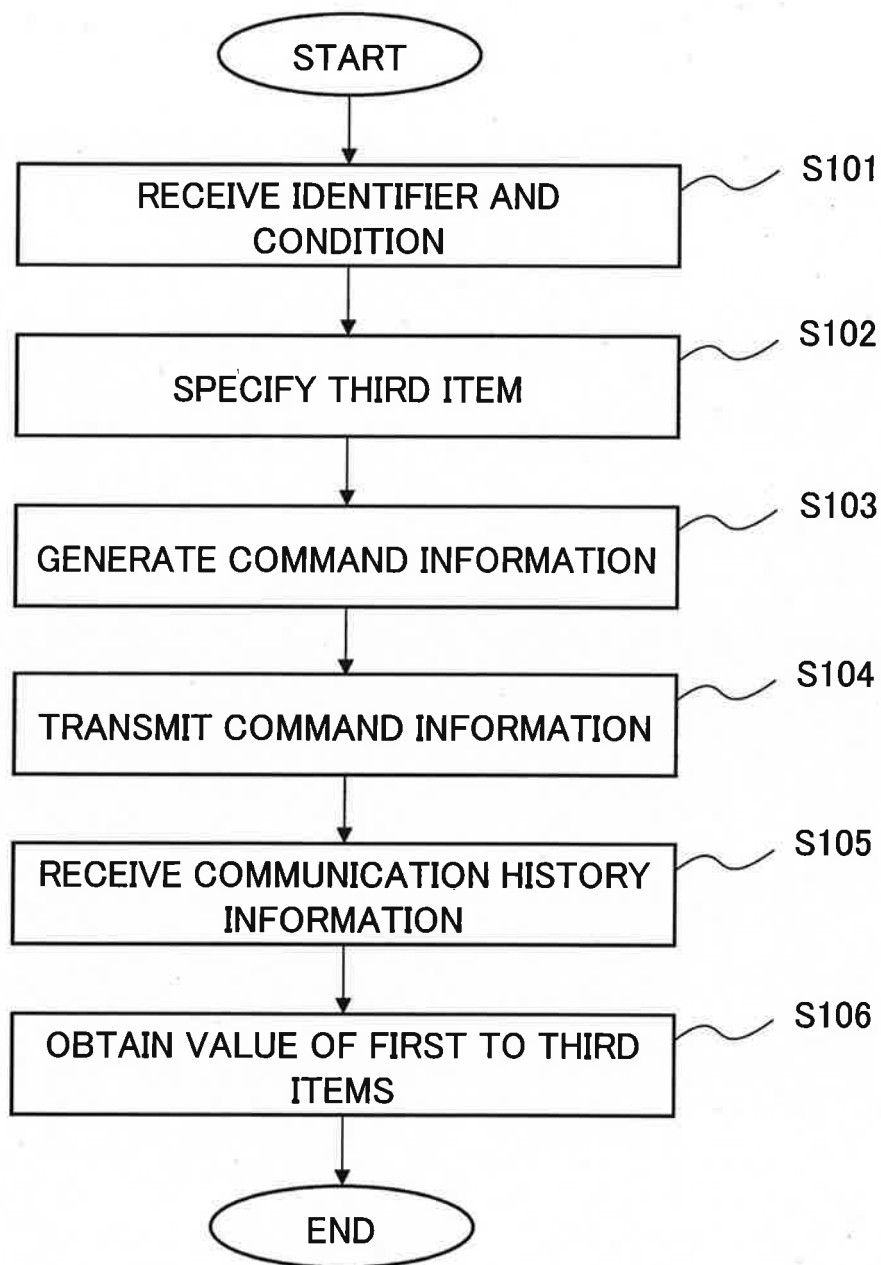
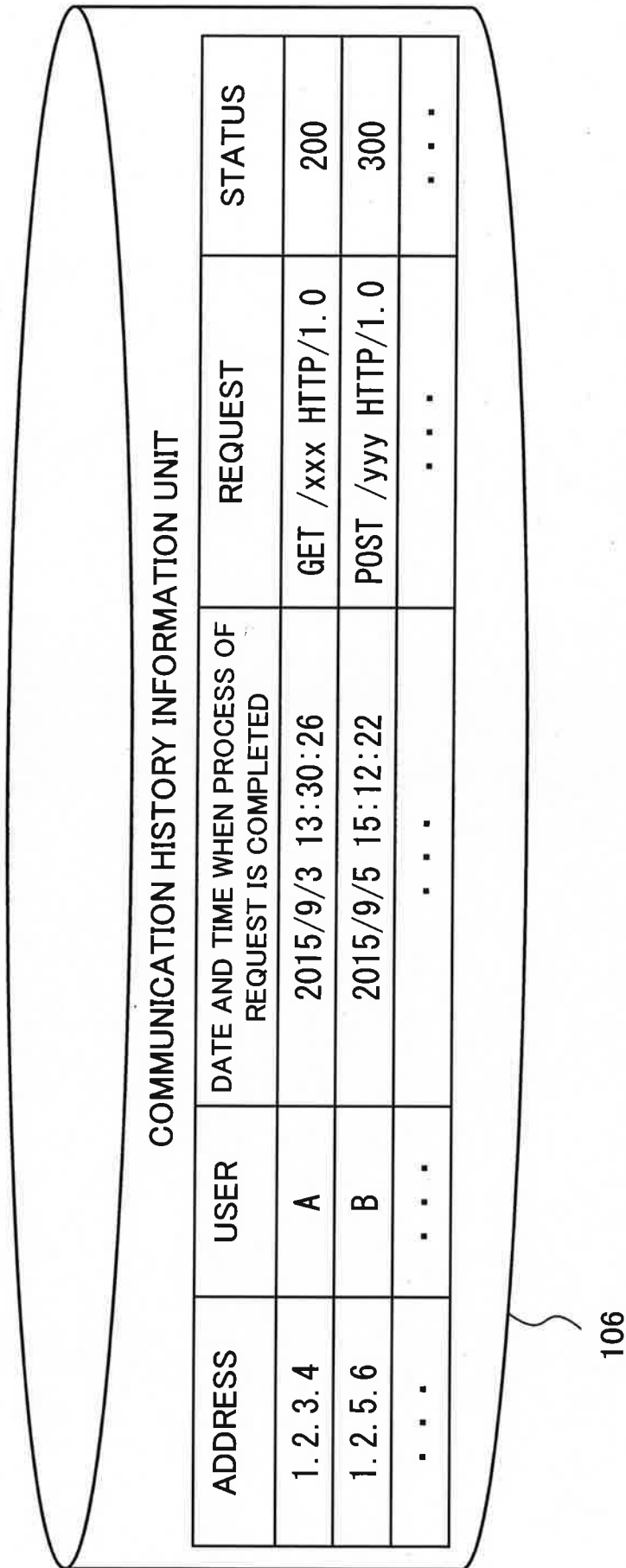


Fig.3



COMMUNICATION HISTORY INFORMATION UNIT				
ADDRESS	USER	DATE AND TIME WHEN PROCESS OF REQUEST IS COMPLETED	REQUEST	STATUS
1.2.3.4	A	2015/9/3 13:30:26	GET /xxx HTTP/1.0	200
1.2.5.6	B	2015/9/5 15:12:22	POST /yyy HTTP/1.0	300
. . . .				

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Fig.4

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COMMUNICATION HISTORY INFORMATION UNIT		
TIME	NAME AND PORT NUMBER OF FIRST APPARATUS	NAME AND PORT NUMBER OF SECOND APPARATUS
10:56:21	Client. 1036	Server. www
10:56:22	Server. www	Client. 1036
. . .	. . .	. . .

Fig.5

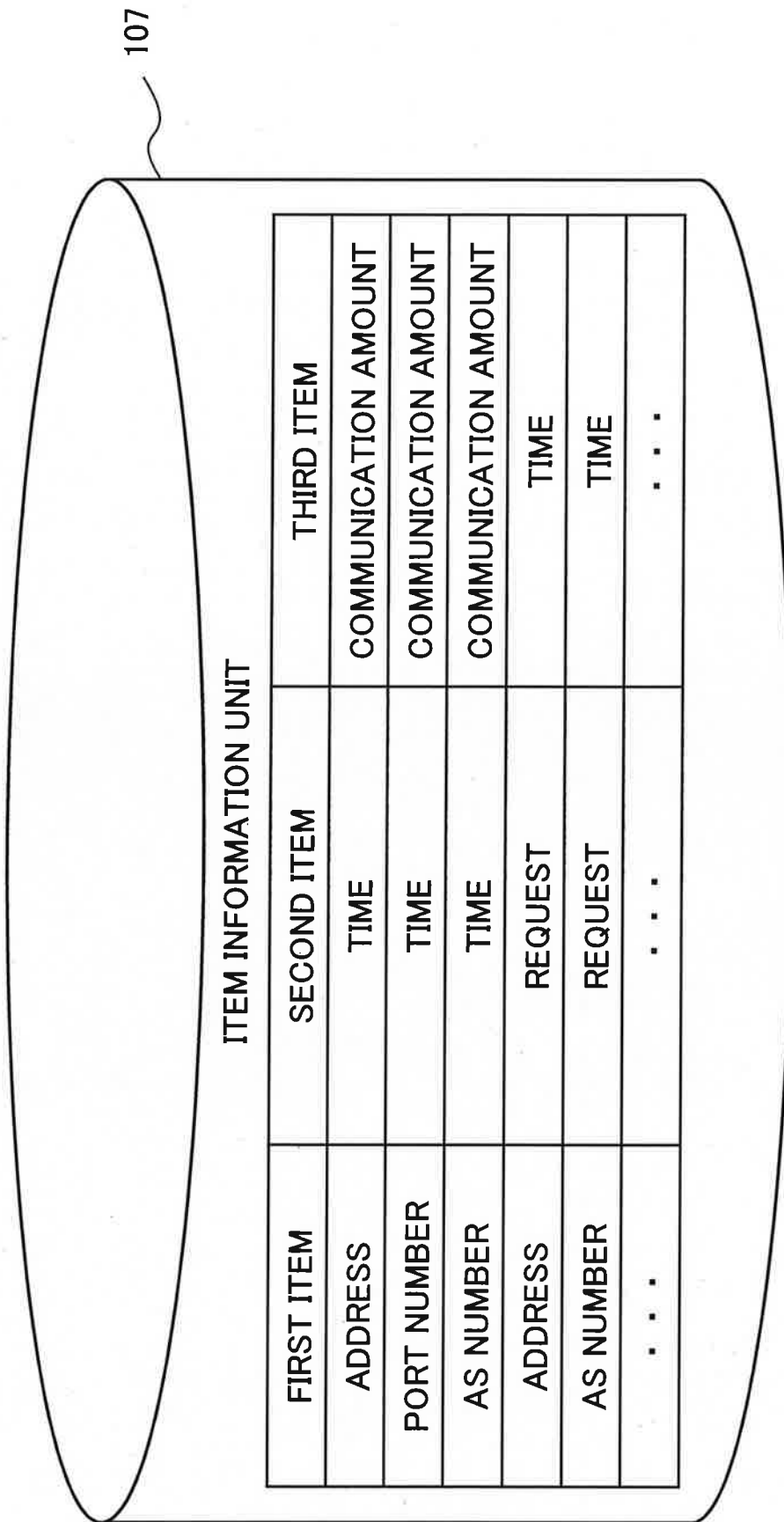


Fig.6

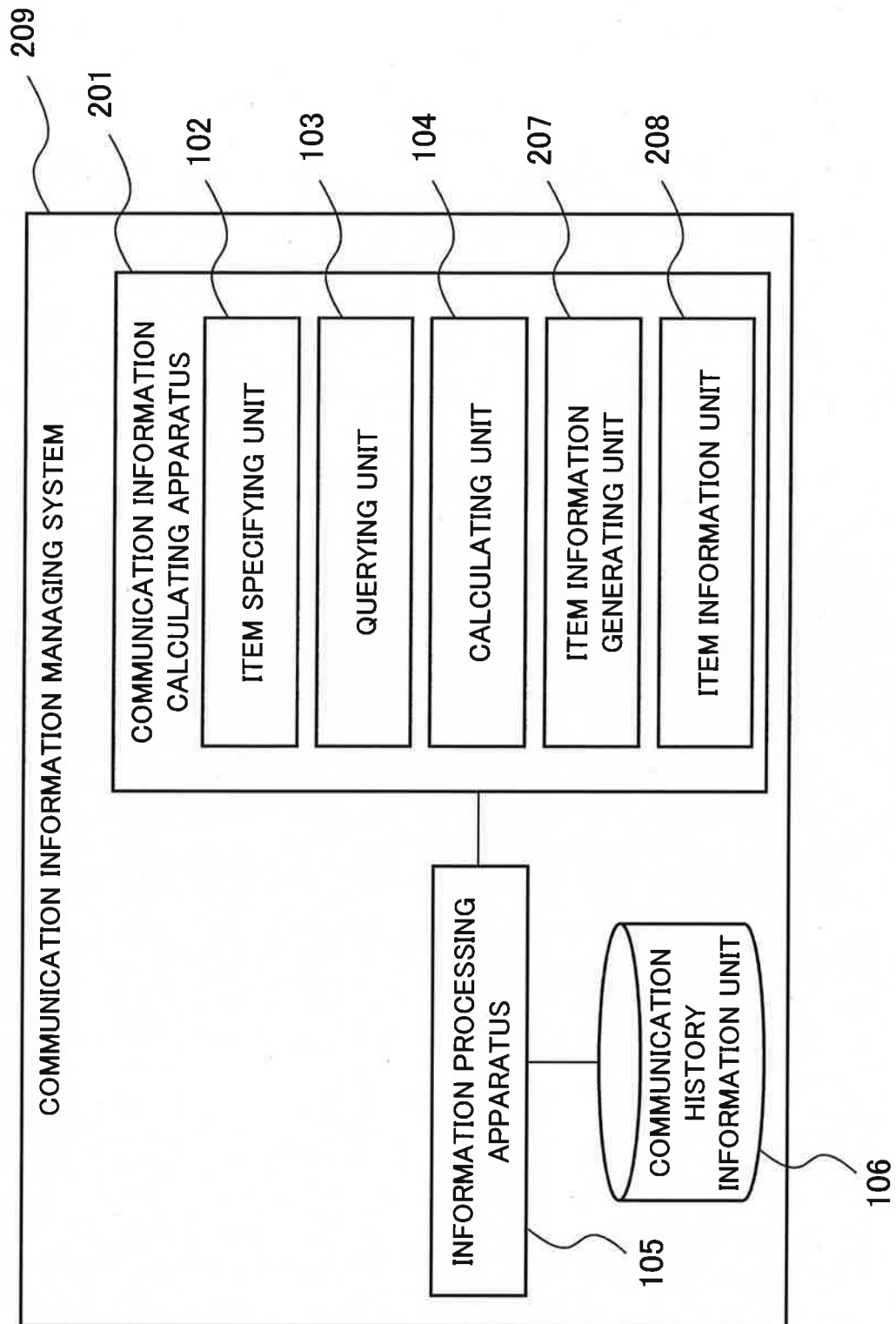


Fig.7

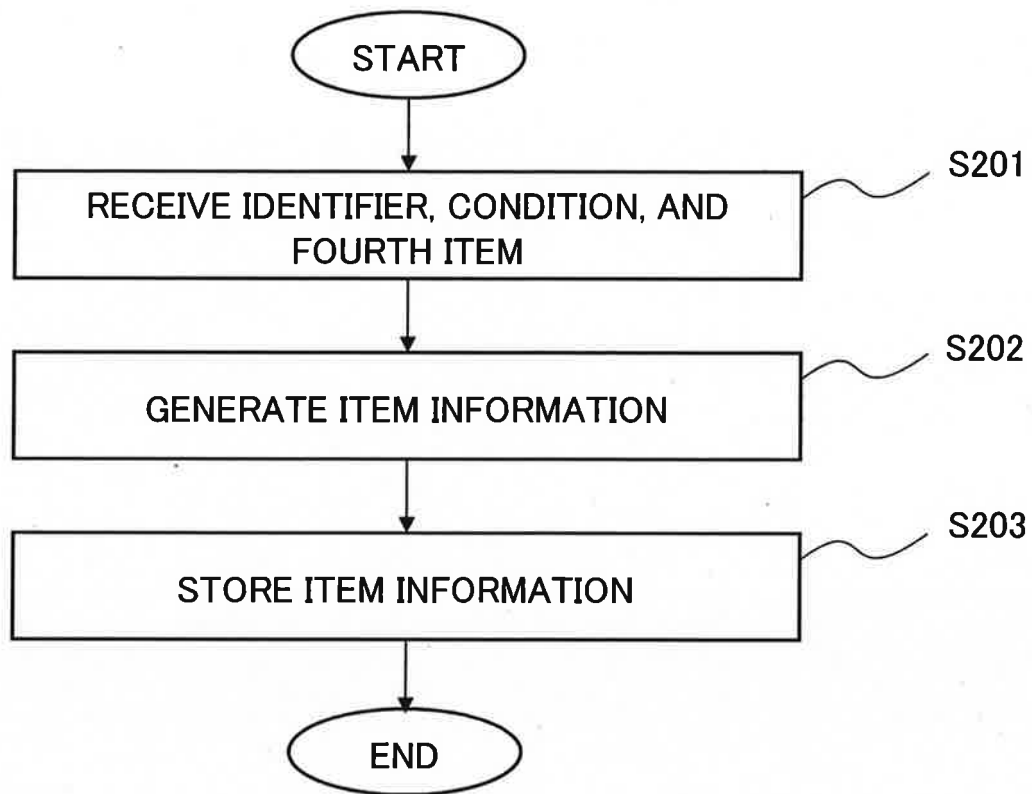


Fig.8

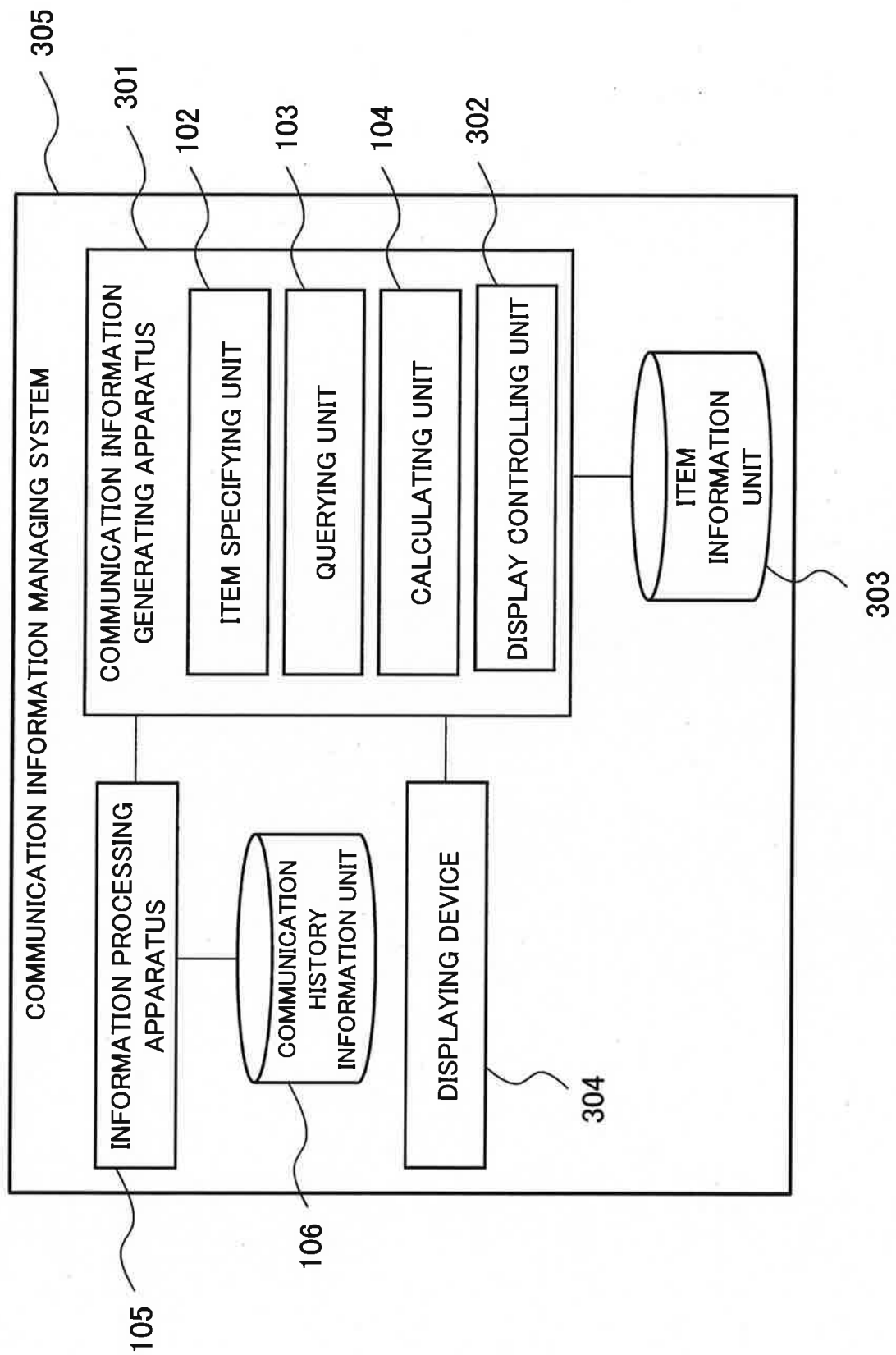


Fig.9

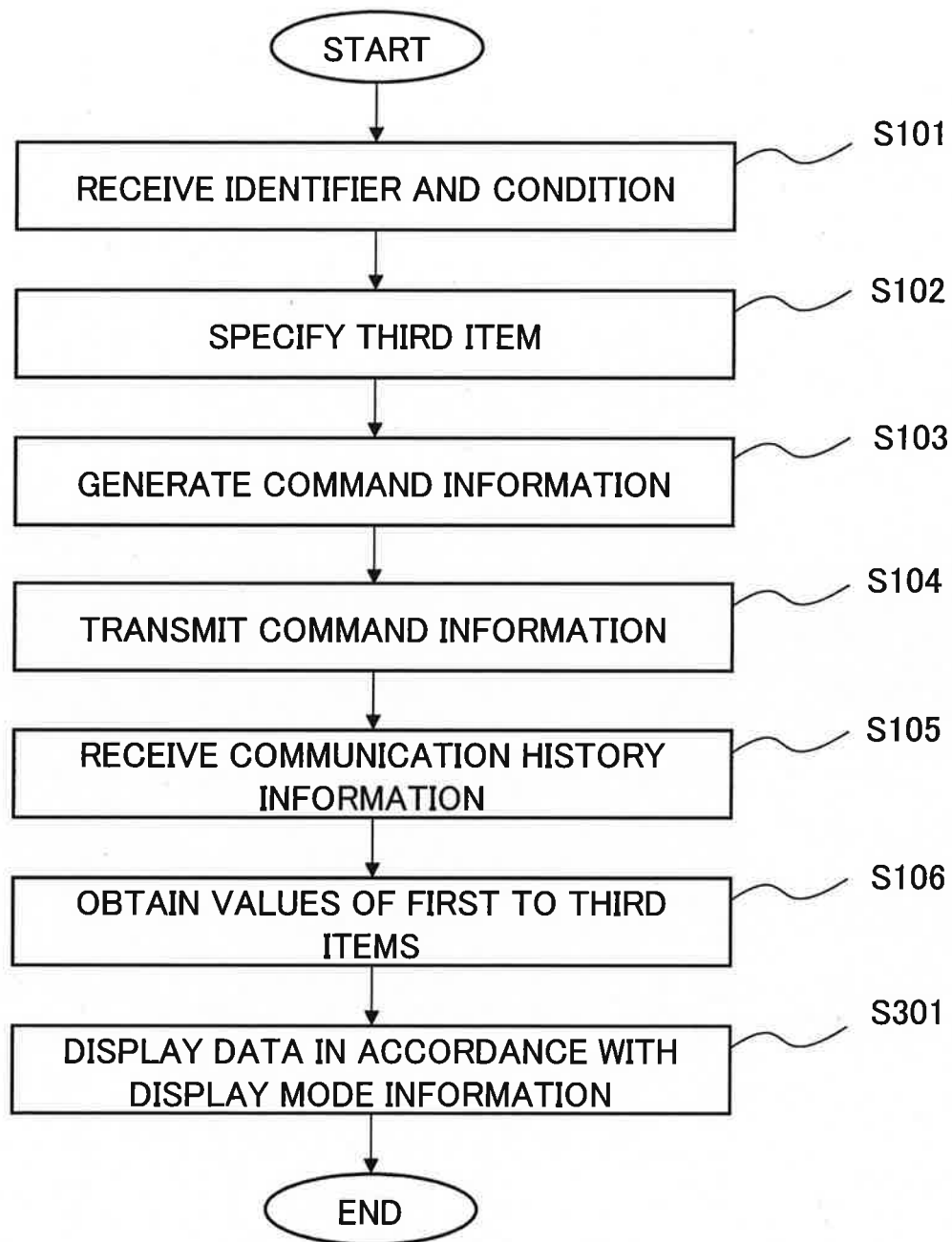


Fig.10

ITEM INFORMATION UNIT

FIRST ITEM	SECOND ITEM	THIRD ITEM	DISPLAY MODE INFORMATION	DISPLAY PARAMETER
ADDRESS	TIME	COMMUNICATION AMOUNT	COLOR SELECTION IN ACCORDANCE WITH COMMUNICATION AMOUNT	RANGE OF ADDRESS, TIME INTERVAL, ...
PORT NUMBER	TIME	COMMUNICATION AMOUNT	COLOR SELECTION IN ACCORDANCE WITH COMMUNICATION AMOUNT	RANGE OF PORT NUMBER, TIME INTERVAL, ...
AS NUMBER	TIME	COMMUNICATION AMOUNT	COLOR SELECTION IN ACCORDANCE WITH COMMUNICATION AMOUNT	TIME INTERVAL, RANGE OF AS NUMBER, ...
ADDRESS	REQUEST	TIME	COLOR SELECTION IN ACCORDANCE WITH TIME	RANGE OF ADDRESS, ...
AS NUMBER	REQUEST	TIME	COLOR SELECTION IN ACCORDANCE WITH TIME	RANGE OF AS NUMBER, ...
. . .	...	...	. . .	. . .

Fig.11

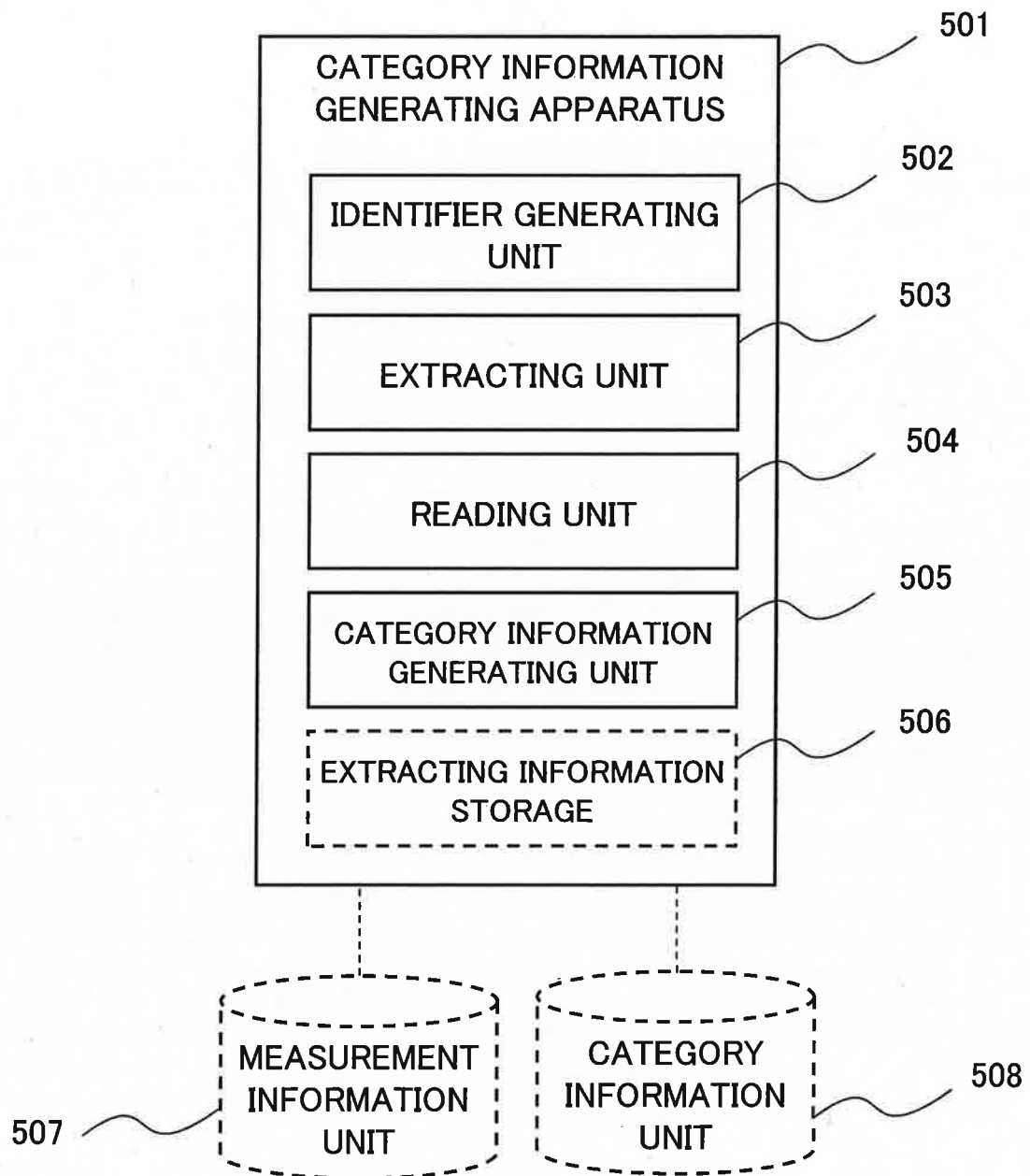


Fig.12

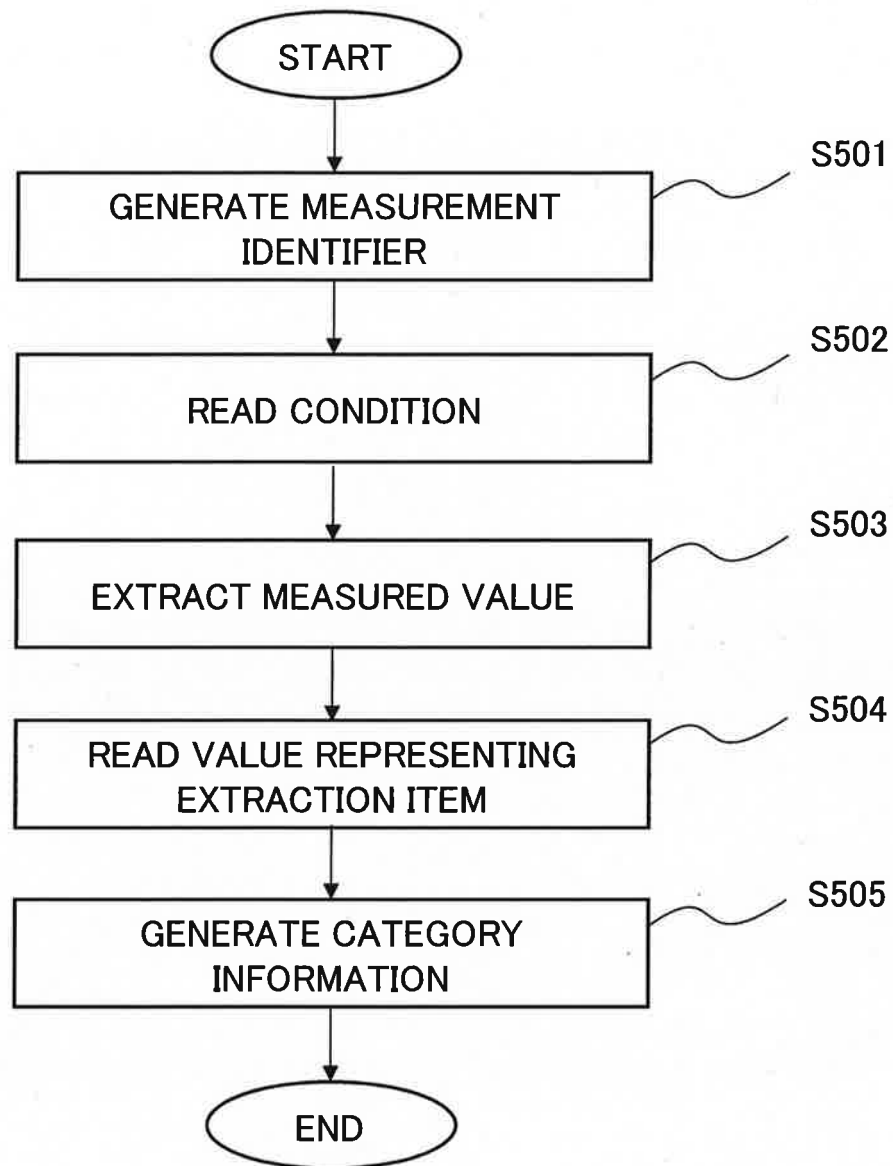


Fig.13

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MEASUREMENT INFORMATION UNIT		
TIME	RESOURCE IDENTIFIER	MEASURED VALUE
13:30:26	Apache	1.2.3.4 A 2015/9/3 13:30:26 GET /xxx HTTP/1.0 200
10:56:21	Pcap	10:56:21 client.1036 Server.www
15:12:22	Apache	1.2.5.6 B 2015/9/5 15:12:22 POST /yyy HTTP/1.0 300
10:56:22	Pcap	10:56:22 Server.www client.1036
. . .	. . .	. . .

Fig.14

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EXTRACTING INFORMATION STORAGE		
EXTRACTED INFORMATION IDENTIFIER	CONDITION OF RESOURCE IDENTIFIER	EXTRACTION ITEM
1	*	RESOURCE IDENTIFIER
2	Pcap	PORT NUMBER
3	Apache	MEASURED VALUE
4	*	AS NUMBER
5	*	TIME
6	Apache	ADDRESS
....	...	...

Fig.15

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CATEGORY INFORMATION UNIT		
MEASUREMENT IDENTIFIER	EXTRACTED INFORMATION IDENTIFIER	VALUE OF EXTRACTION ITEM
1	1	Apache
1	3	1.2.3.4 . . .
1	4	AS12345
2	1	Pcap
2	2	80
2	4	AS21543
3	3	1.2.5.6 . . .
. . . .		

Fig.16

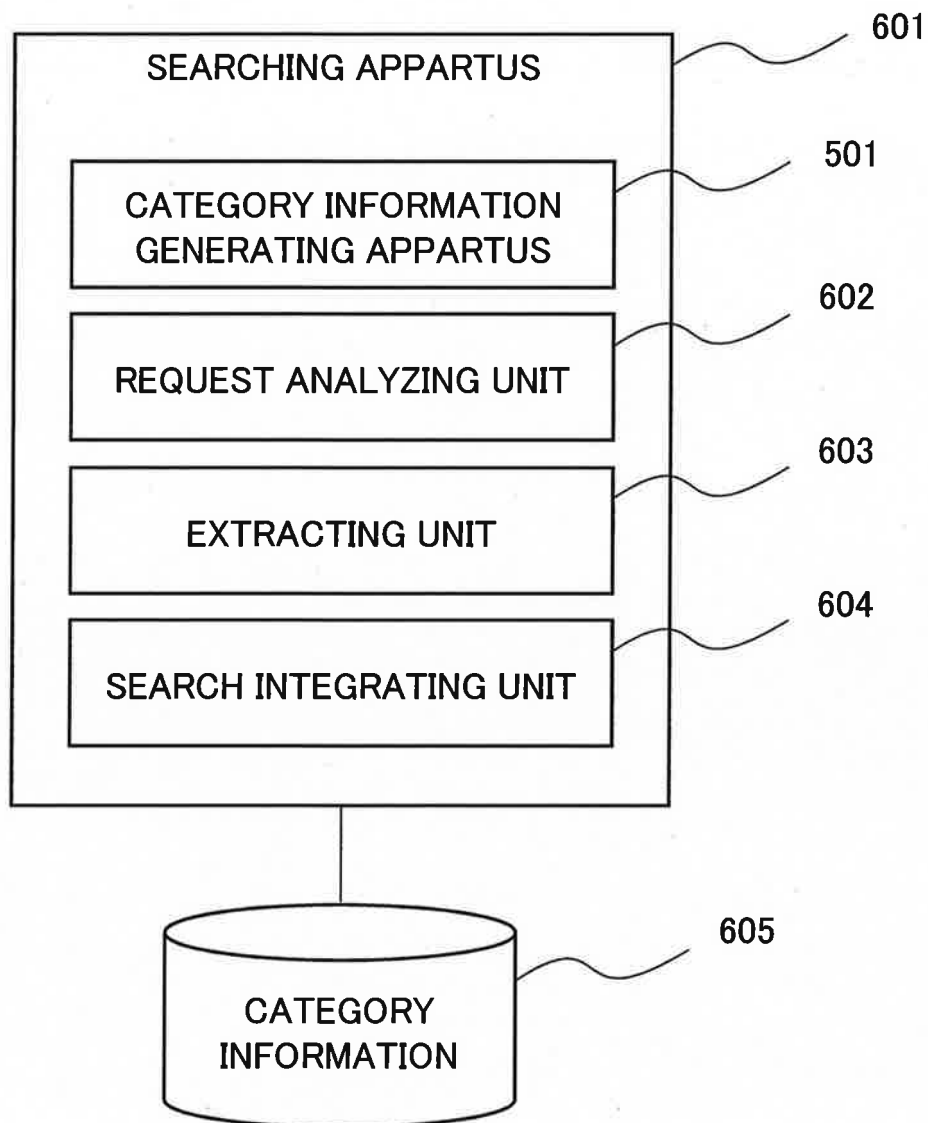


Fig.17

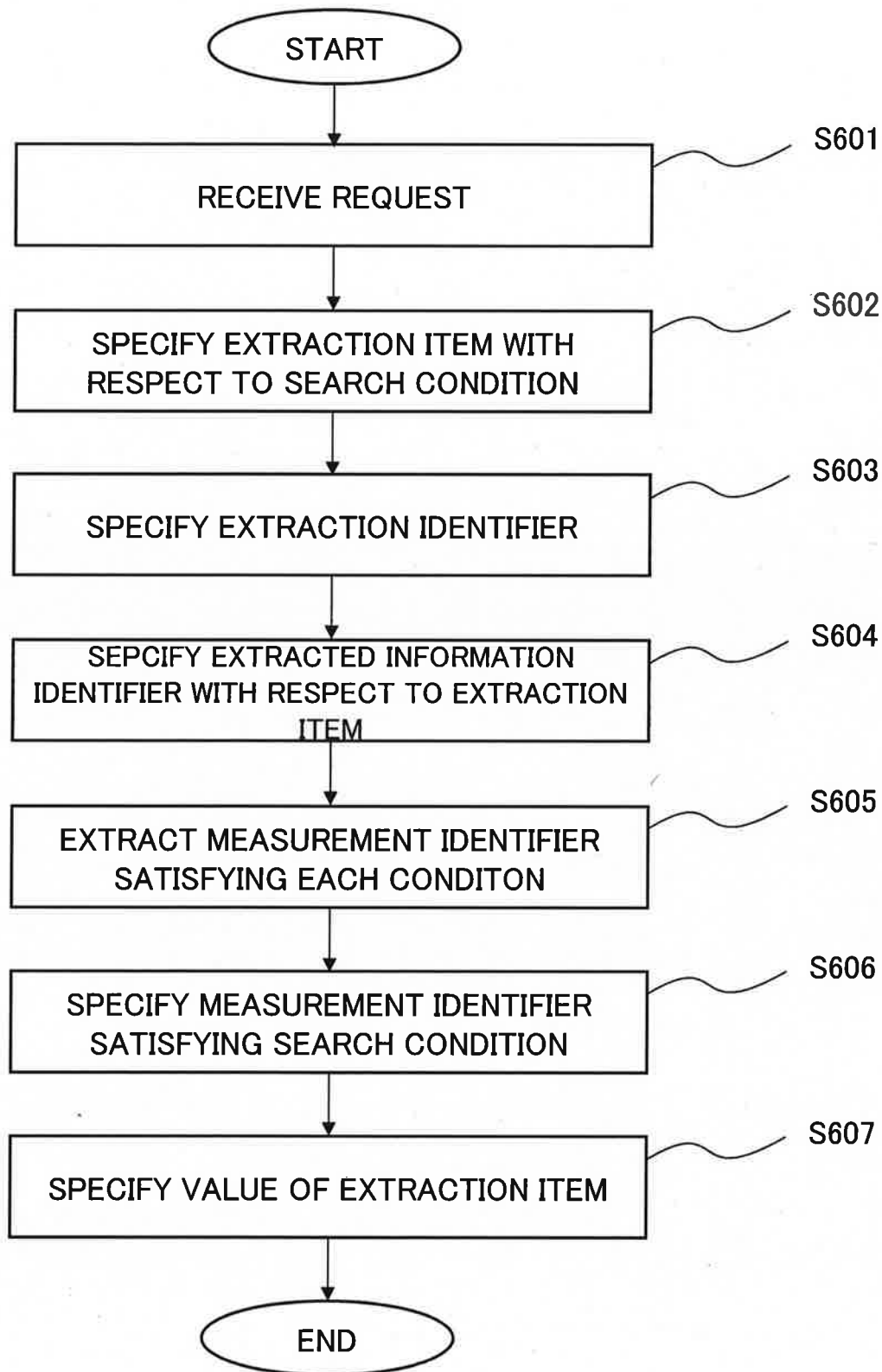


Fig.18

EXTRACTED INFORMATION IDENTIFIER	CONDITION
5	WITHIN ONE WEEK
1	Apache
6	PARTICULAR ADDRESS
• • •	• • •

