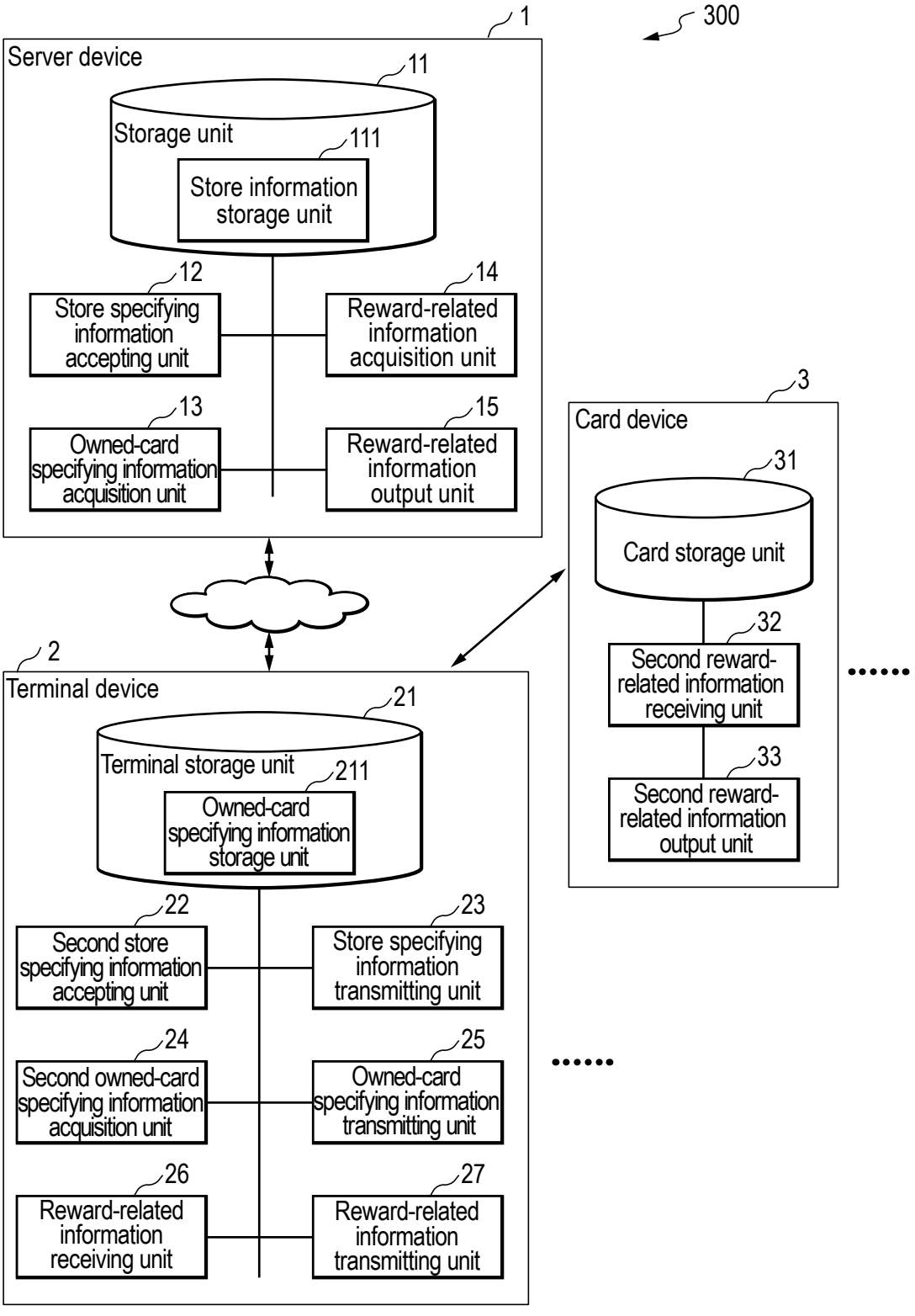

1
300
Server device
11
Storage unit
111
Store information storage unit
12
Store specifying information accepting unit
14
Reward-related information acquisition unit
13
Owned-card specifying information acquisition unit
15
Reward-related information output unit
3
Card device
31
Card storage unit
32
Second reward-related information receiving unit
33
Second reward-related information output unit
2
Terminal device
21
Terminal storage unit
211
Owned-card specifying information storage unit
22
Second store specifying information accepting unit
23
Store specifying information transmitting unit
24
Second owned-card specifying information acquisition unit
25
Owned-card specifying information transmitting unit
26
Reward-related information receiving unit
27
Reward-related information transmitting unit

FIG.1

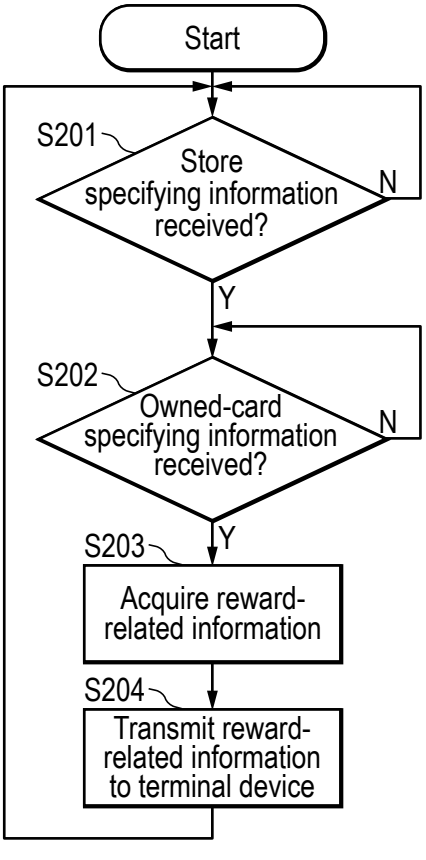

Start
S201
Store specifying information received?
N
Y
S202
Owned-card specifying information received?
N
Y
S203
Acquire reward-related information
S204
Transmit reward-related information to terminal device

FIG.2

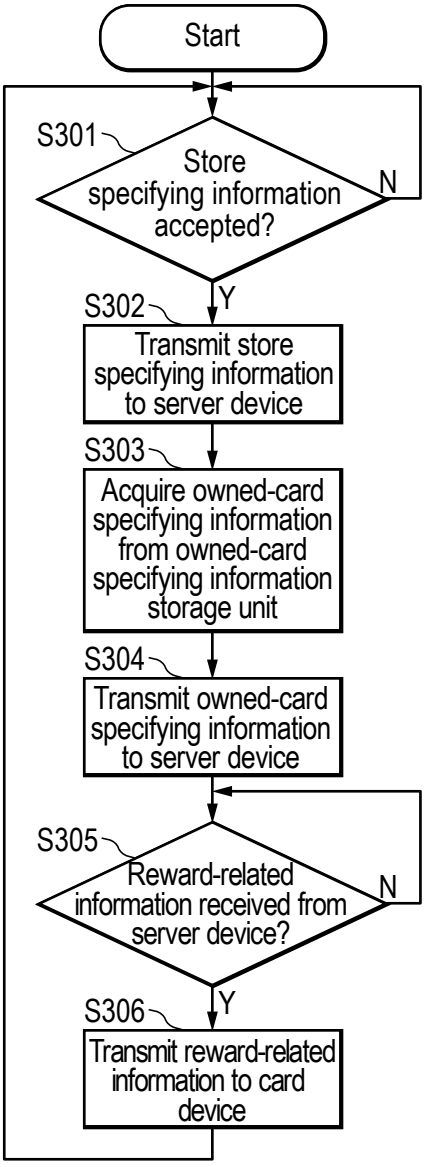

Start
S301
Store specifying information accepted?
N
Y
S302
Transmit store specifying information to server device
S303
Acquire owned-card specifying information from owned-card specifying information storage unit
S304
Transmit owned-card specifying information to server device
S305
Reward-related information received from server device?
N
Y
S306
Transmit reward-related information to card device

FIG.3

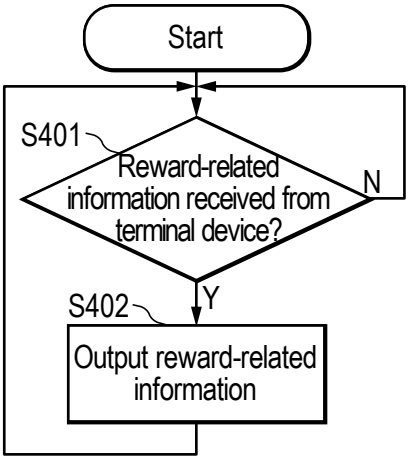

Start
S401
Reward-related information received from terminal device?
N
Y
S402
Output reward-related information

FIG.4

ID	Store identifier	Card information 1		Card information 2		····
		Card identifier	Reward information	Card identifier	Reward information	····
1	AAA	aaa	1 point per 100 yen	bbb	2 points per 100 yen	····
2	BBB	ccc	5% Off	ddd	100 yen discount	····
· · ·	· · ·	· · ·	· · ·	· · ·	· · ·	· · ·

FIG.5

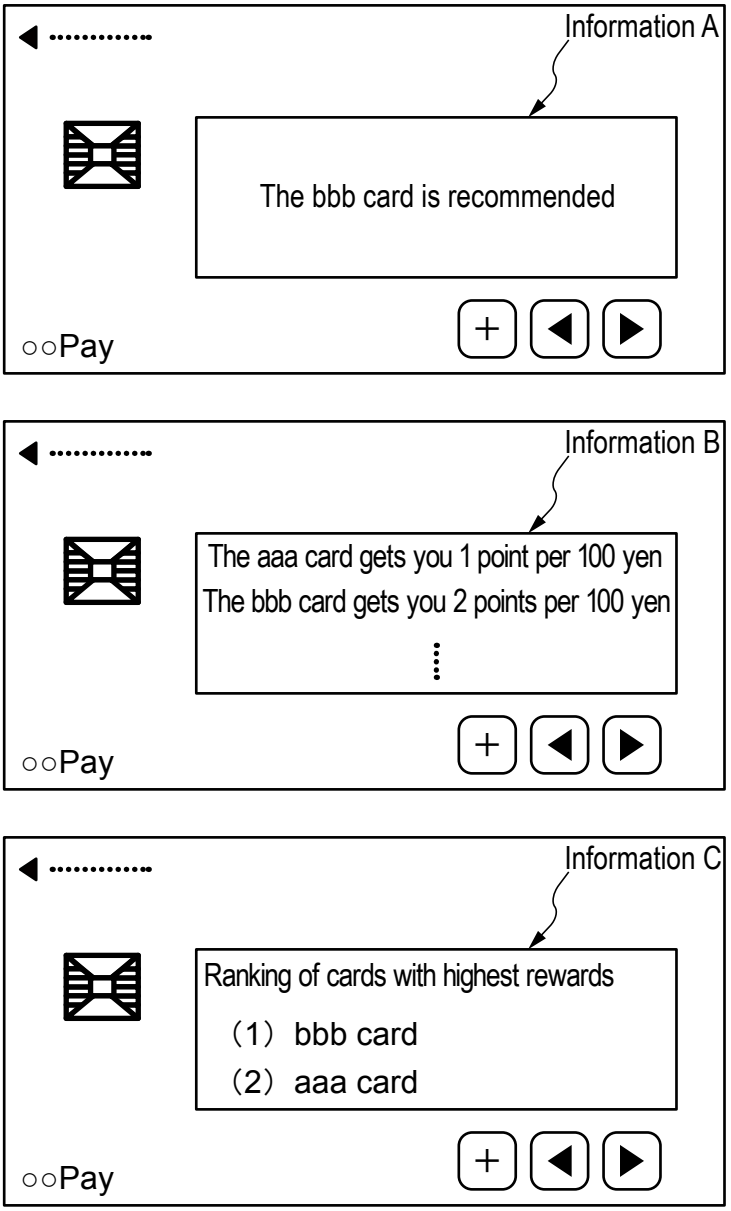

Information A
The bbb card is recommended
○○Pay
Information B
The aaa card gets you 1 point per 100 yen
The bbb card gets you 2 points per 100 yen
○○Pay
Information C
Ranking of cards with highest rewards
（1） bbb card
（2） aaa card
○○Pay

FIG.6

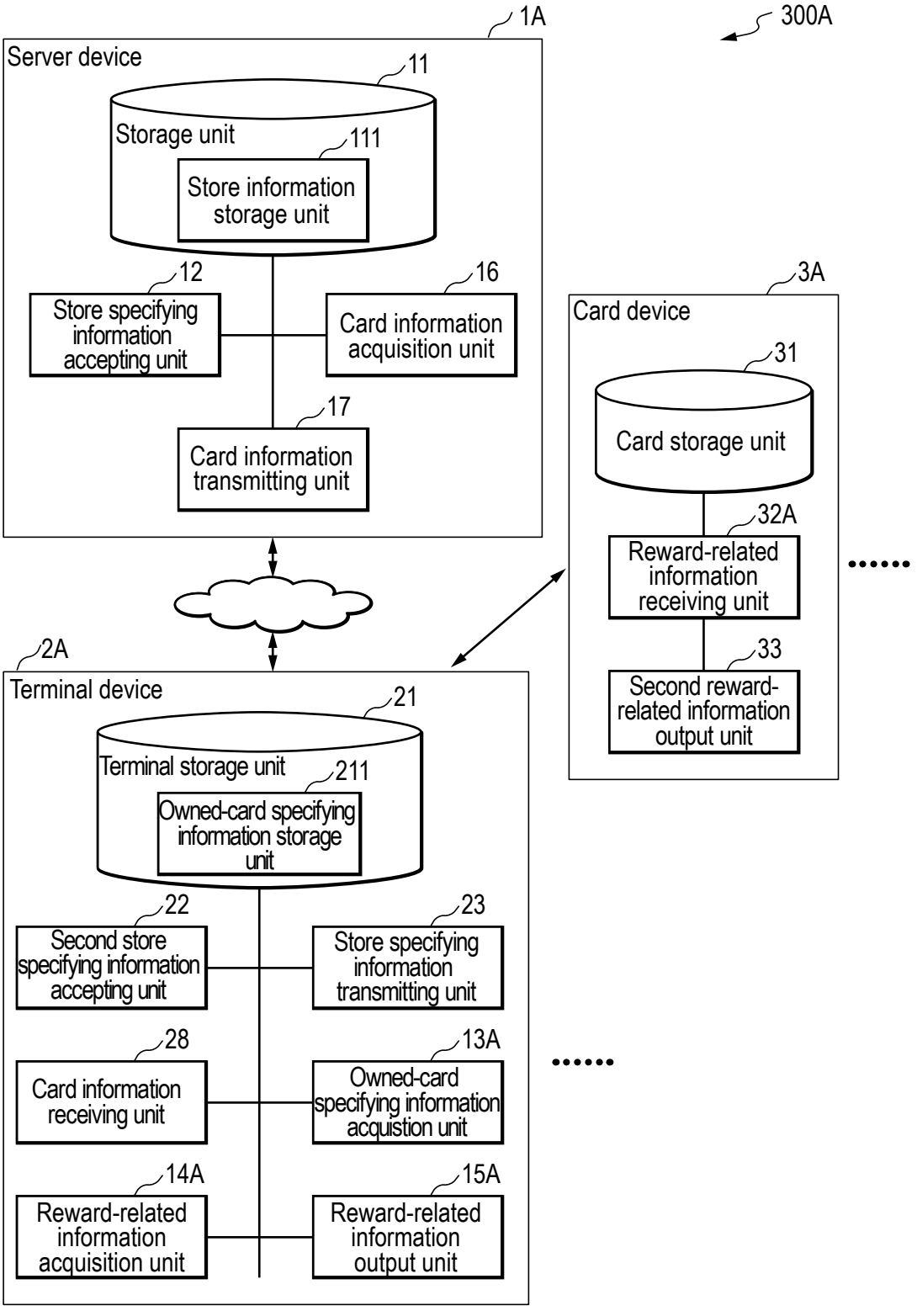

1A
300A
Server device
11
Storage unit
111
Store information storage unit
12
Store specifying information accepting unit
16
Card information acquisition unit
17
Card information transmitting unit
3A
Card device
31
Card storage unit
32A
Reward-related information receiving unit
33
Second reward-related information output unit
2A
Terminal device
21
Terminal storage unit
211
Owned-card specifying information storage unit
22
Second store specifying information accepting unit
23
Store specifying information transmitting unit
28
Card information receiving unit
13A
Owned-card specifying information acquistion unit
14A
Reward-related information acquisition unit
15A
Reward-related information output unit

FIG.7

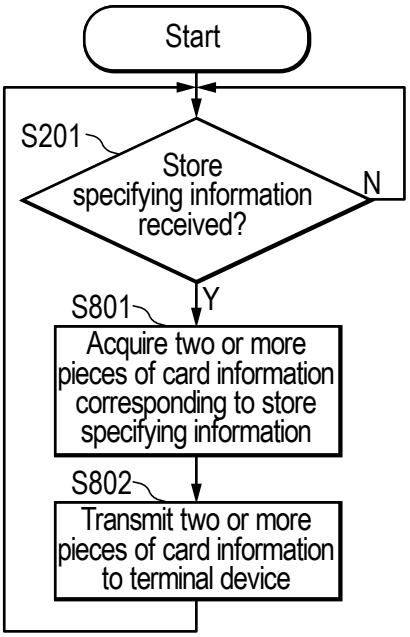

Start
S201
Store specifying information received?
N
Y
S801
Acquire two or more pieces of card information corresponding to store specifying information
S802
Transmit two or more pieces of card information to terminal device

FIG.8

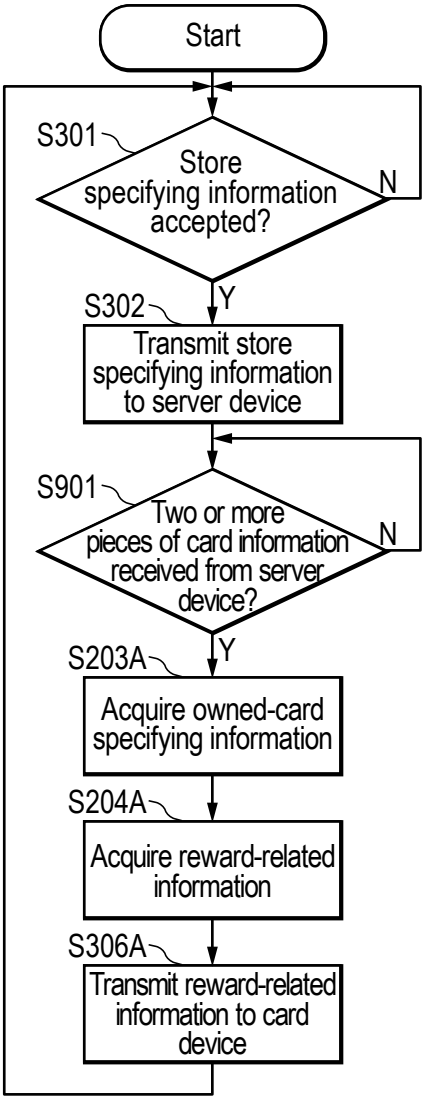

Start
S301
Store specifying information accepted?
N
Y
S302
Transmit store specifying information to server device
S901
Two or more pieces of card information received from server device?
N
Y
S203A
Acquire owned-card specifying information
S204A
Acquire reward-related information
S306A
Transmit reward-related information to card device

FIG.9

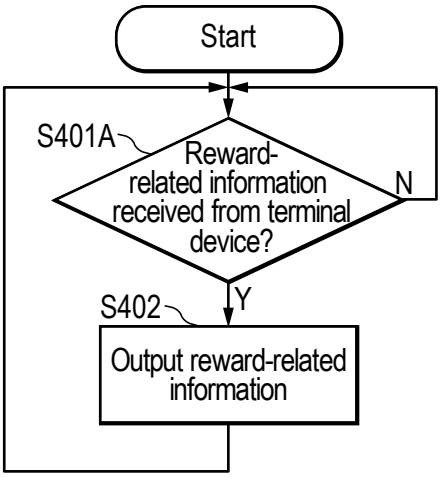

Start
S401A
Reward-related information received from terminal device?
N
Y
S402
Output reward-related information

FIG.10

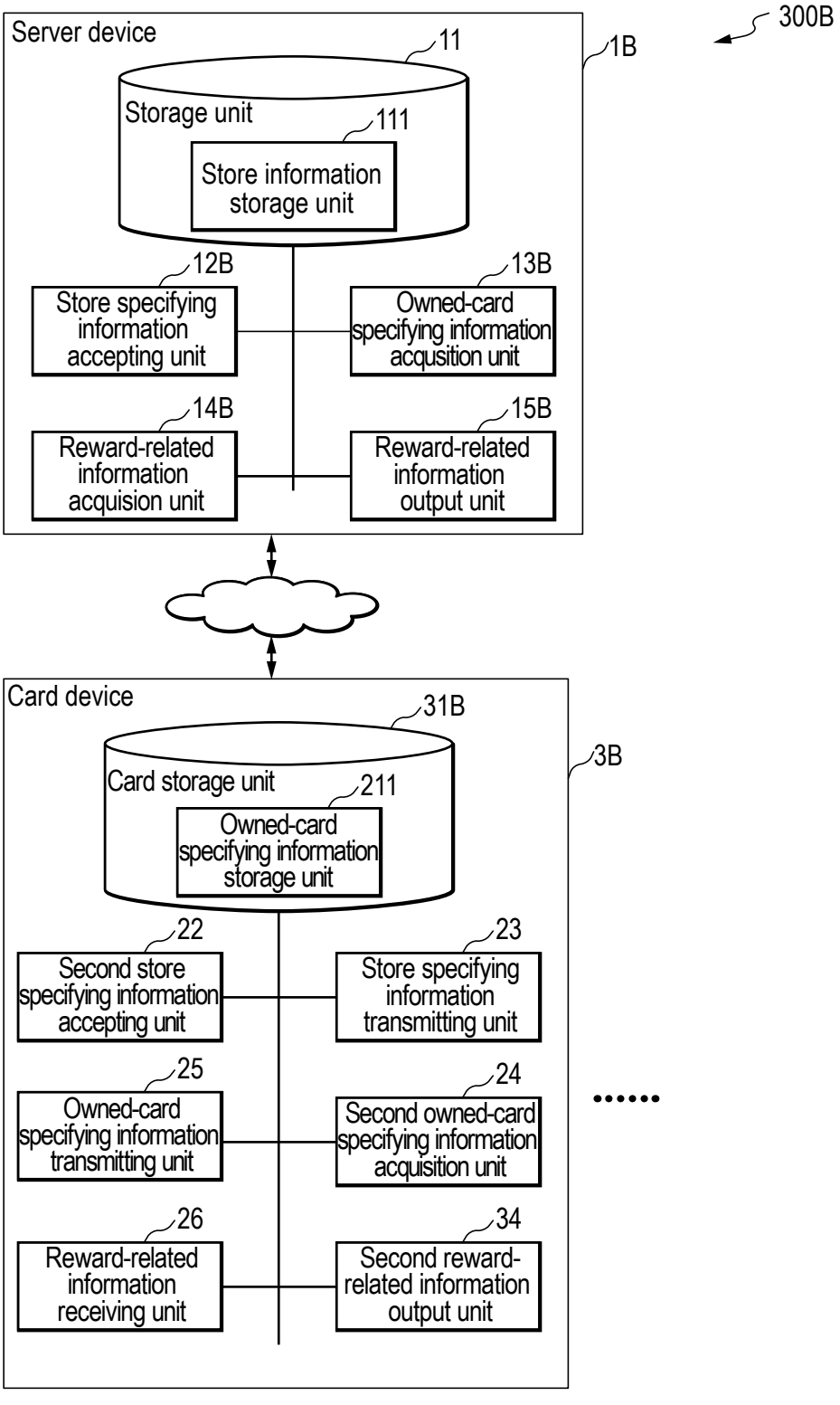

300B
Server device
11
1B
Storage unit
111
Store information storage unit
12B
Store specifying information accepting unit
13B
Owned-card specifying information acqusition unit
14B
Reward-related information acquision unit
15B
Reward-related information output unit
Card device
31B
3B
Card storage unit
211
Owned-card specifying information storage unit
22
Second store specifying information accepting unit
23
Store specifying information transmitting unit
25
Owned-card specifying information transmitting unit
24
Second owned-card specifying information acquisition unit
26
Reward-related information receiving unit
34
Second reward-related information output unit

FIG.11

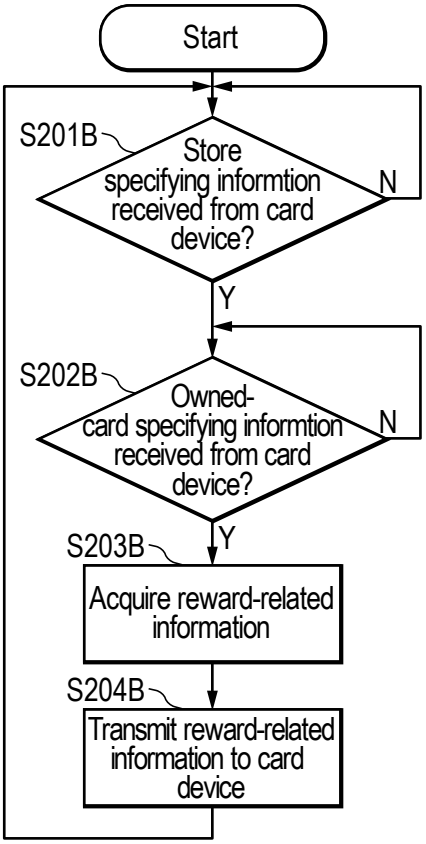

Start
S201B
Store specifying informtion received from card device?
N
Y
S202B
Owned-card specifying informtion received from card device?
N
Y
S203B
Acquire reward-related information
S204B
Transmit reward-related information to card device

FIG.12

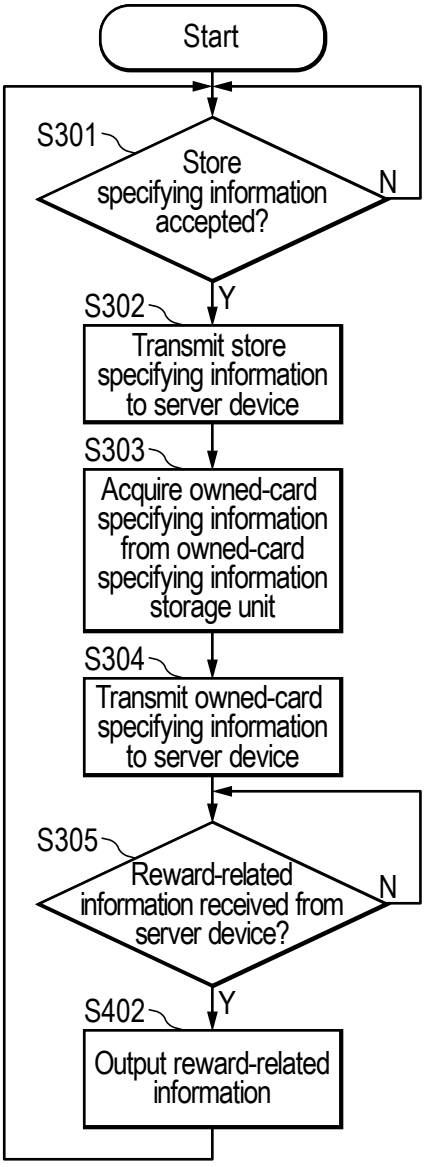

Start
S301
Store specifying information accepted?
N
Y
S302
Transmit store specifying information to server device
S303
Acquire owned-card specifying information from owned-card specifying information storage unit
S304
Transmit owned-card specifying information to server device
S305
Reward-related information received from server device?
N
Y
S402
Output reward-related information

FIG.13

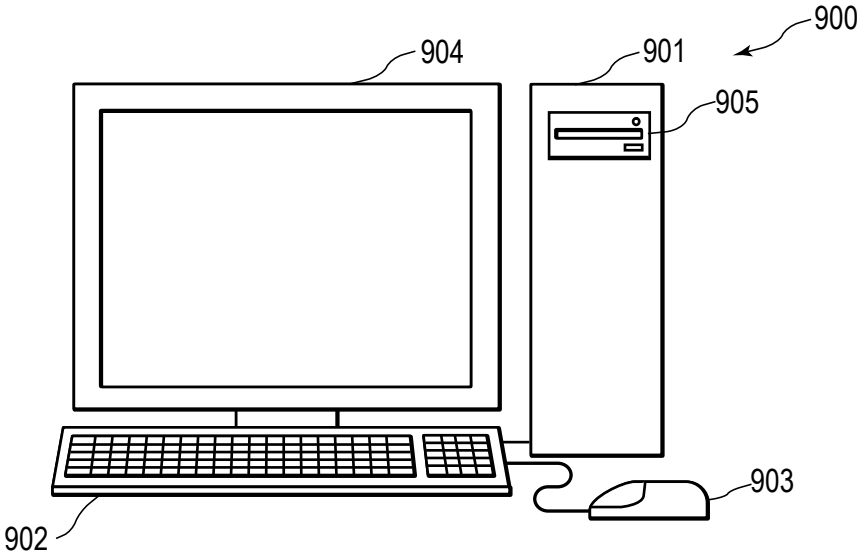


FIG.14

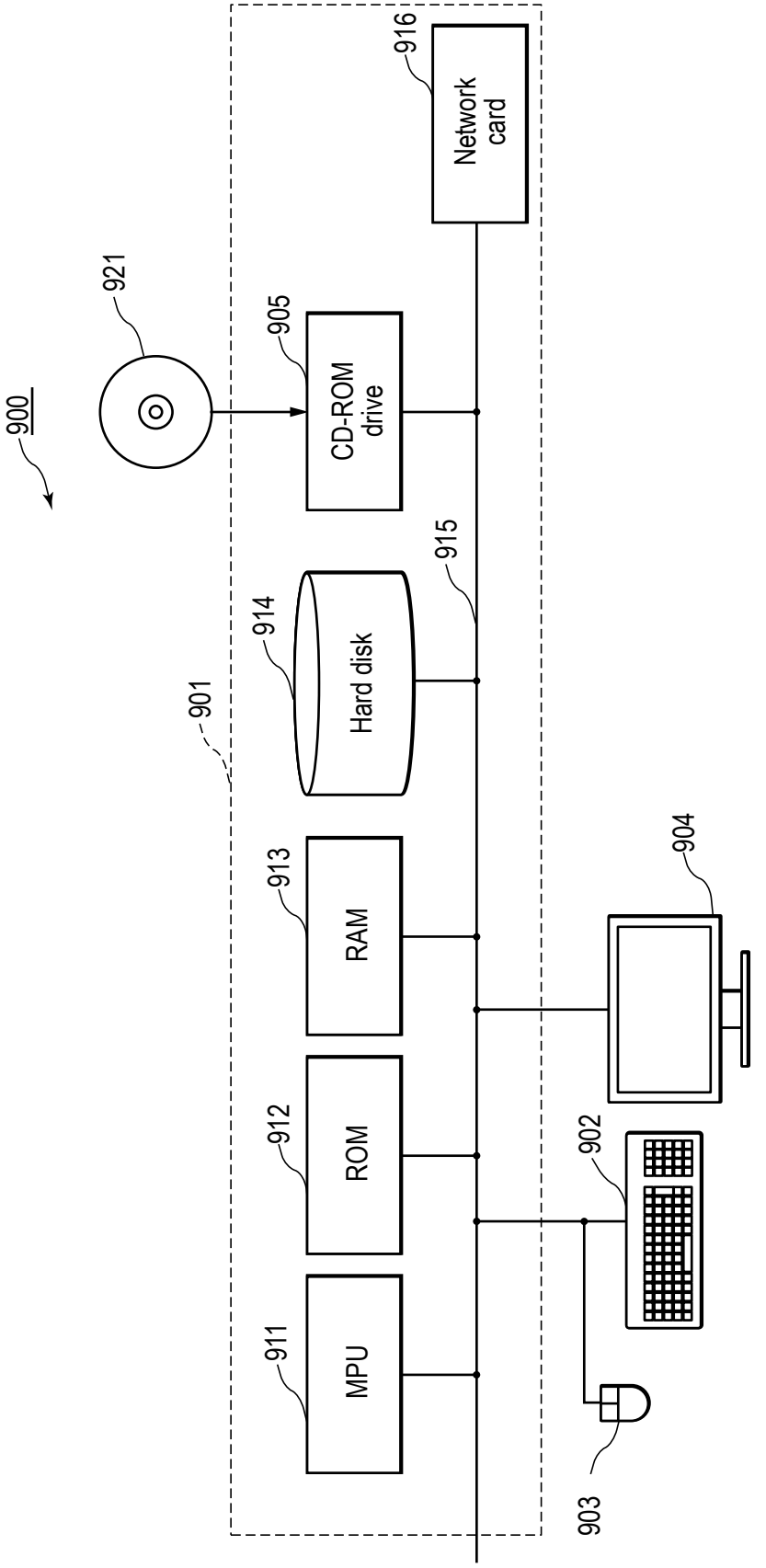

900
921
905
CD-ROM drive
916
Network card
915
914
Hard disk
901
913
RAM
912
ROM
911
MPU
904
902
903

FIG.15


Artificial Intelligence Payment
argorhythm
CREDIT:
CARD
4980 1111 3939 0001
GOOD THRU 06/20
MEMBER SINCE 2012
CVV 463
ANDY JOHONSON
1601

FIG.16

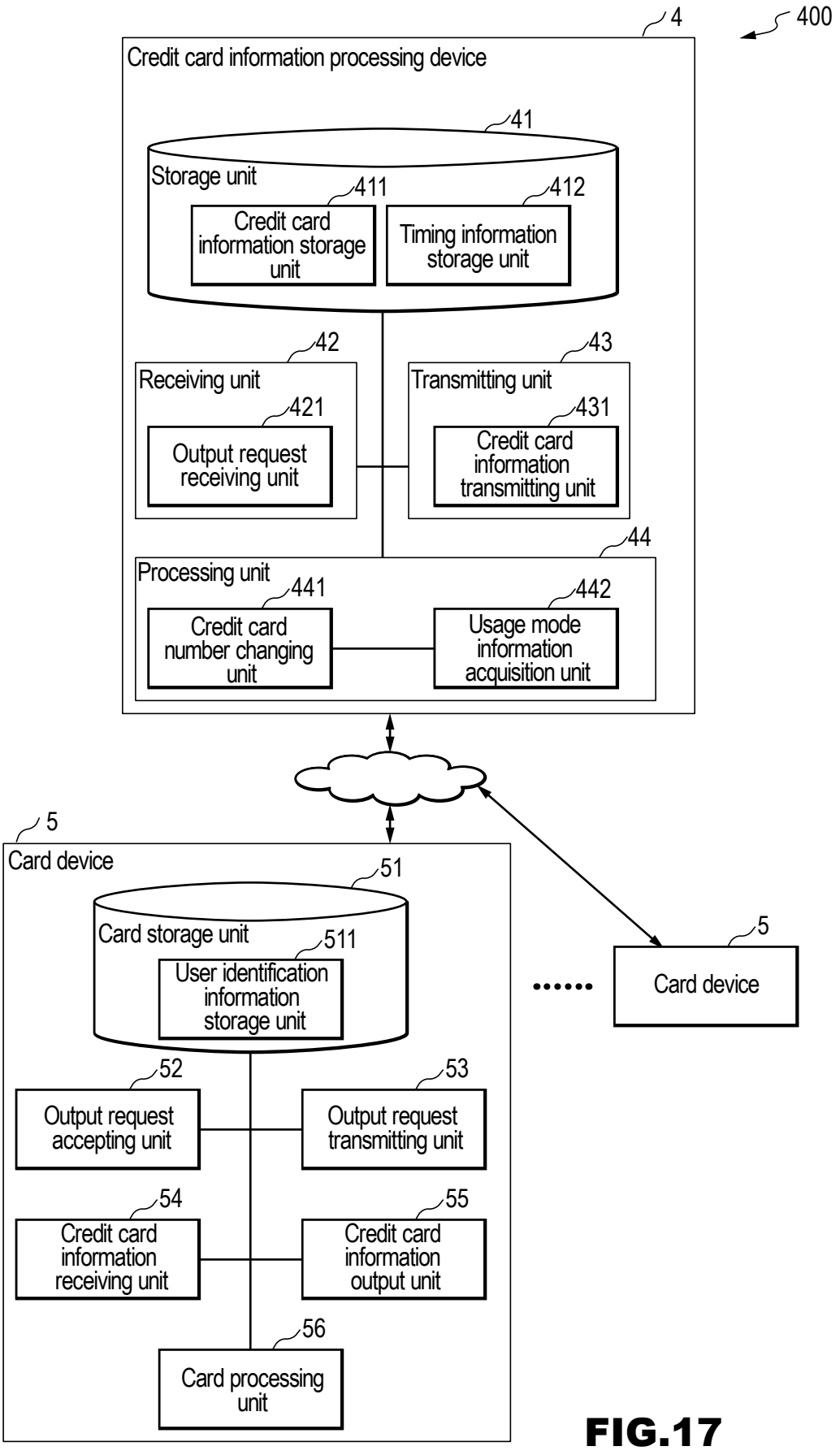

4
400
Credit card information processing device
41
Storage unit
411
Credit card information storage unit
412
Timing information storage unit
42
Receiving unit
421
Output request receiving unit
43
Transmitting unit
431
Credit card information transmitting unit
44
Processing unit
441
Credit card number changing unit
442
Usage mode information acquisition unit
5
Card device
51
Card storage unit
511
User identification information storage unit
52
Output request accepting unit
53
Output request transmitting unit
54
Credit card information receiving unit
55
Credit card information output unit
56
Card processing unit
5
Card device

FIG.17

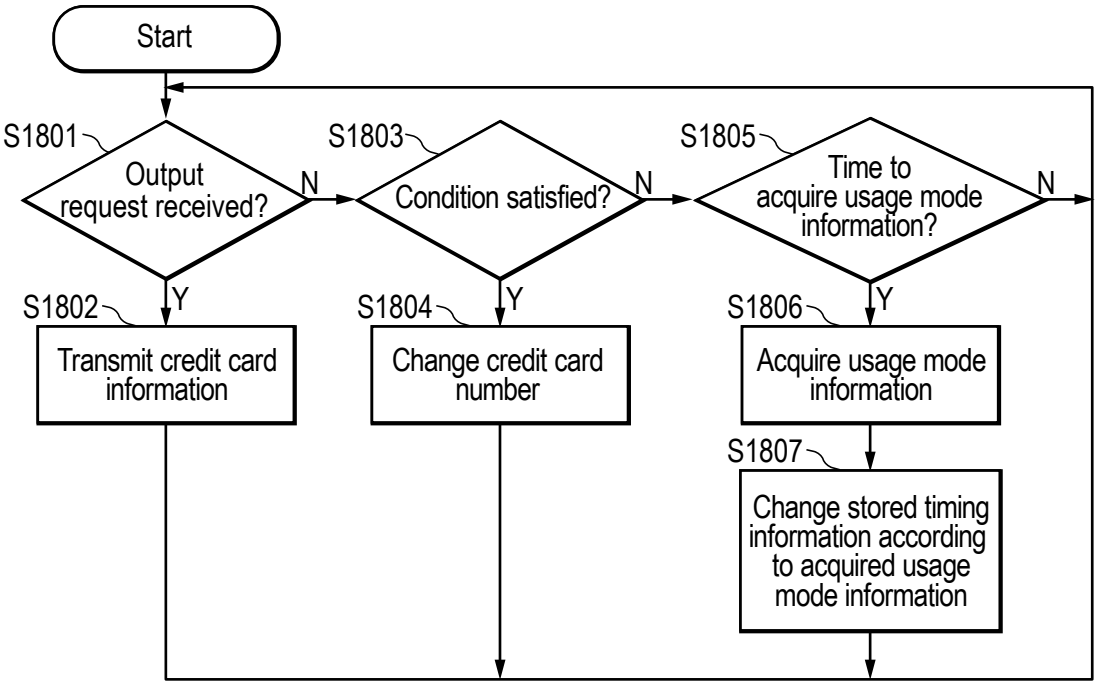

Start
S1801
Output request received?
N
S1803
Condition satisfied?
N
S1805
Time to acquire usage mode information?
N
Y
S1802
Transmit credit card information
Y
S1804
Change credit card number
Y
S1806
Acquire usage mode information
S1807
Change stored timing information according to acquired usage mode information

FIG.18

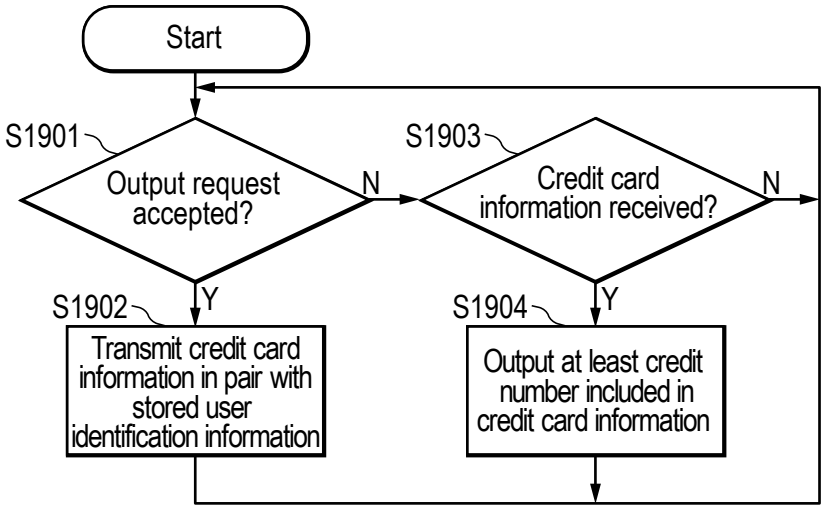

Start
S1901
Output request accepted?
N
S1903
Credit card information received?
N
Y
S1902
Transmit credit card information in pair with stored user identification information
Y
S1904
Output at least credit number included in credit card information

FIG.19

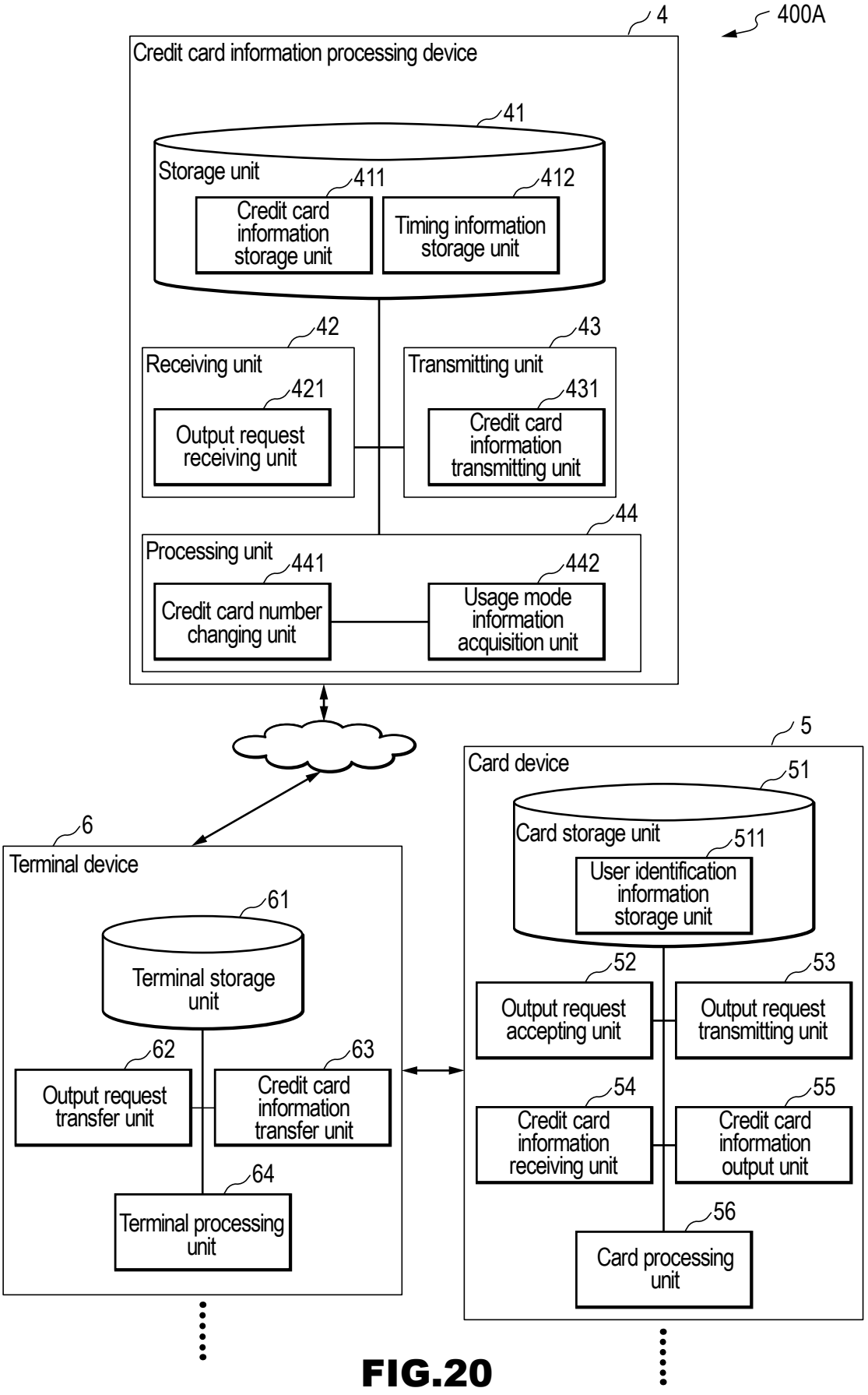

4
400A
Credit card information processing device
41
Storage unit
411
Credit card information storage unit
412
Timing information storage unit
42
Receiving unit
421
Output request receiving unit
43
Transmitting unit
431
Credit card information transmitting unit
44
Processing unit
441
Credit card number changing unit
442
Usage mode information acquisition unit
5
Card device
51
Card storage unit
511
User identification information storage unit
52
Output request accepting unit
53
Output request transmitting unit
54
Credit card information receiving unit
55
Credit card information output unit
56
Card processing unit
6
Terminal device
61
Terminal storage unit
62
Output request transfer unit
63
Credit card information transfer unit
64
Terminal processing unit

FIG.20

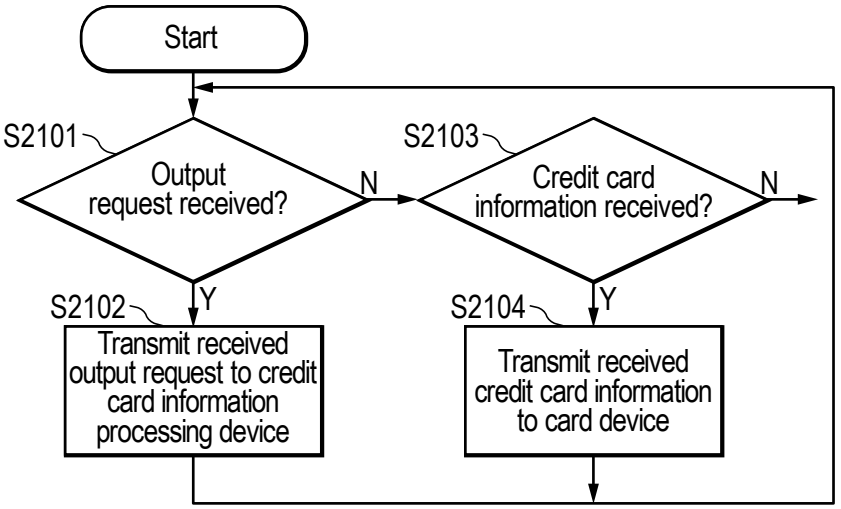

Start
S2101
Output request received?
N
S2103
Credit card information received?
N
Y
S2102
Transmit received output request to credit card information processing device
Y
S2104
Transmit received credit card information to card device

FIG.21