FIG. 1

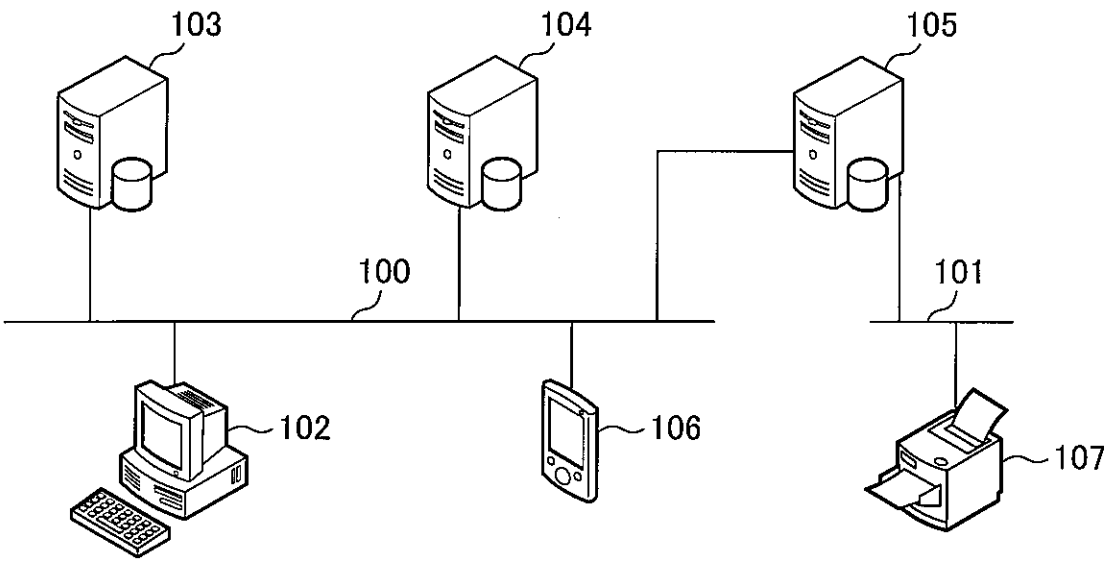

103
104
105
100
101
102
106
107

FIG. 2

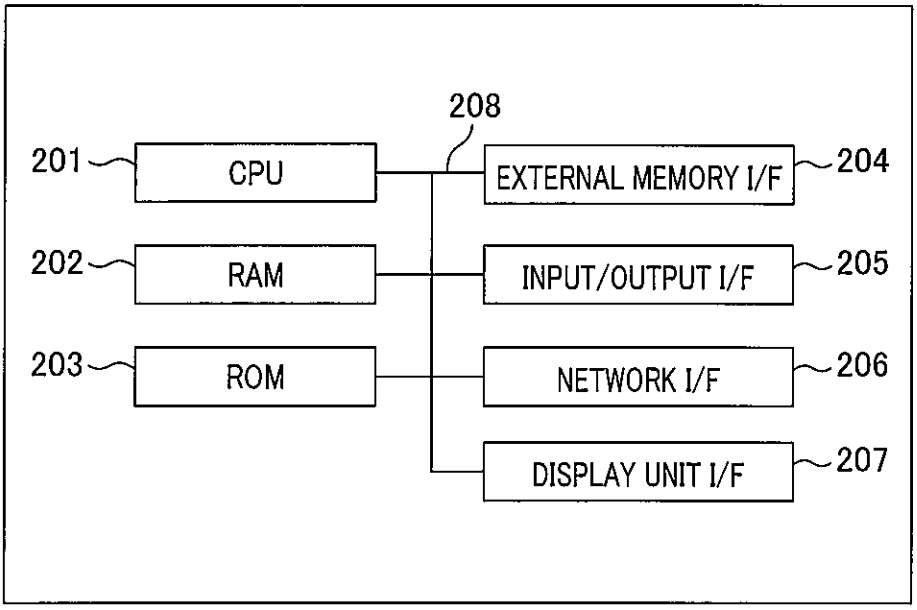

208
201
CPU
EXTERNAL MEMORY I/F
204
202
RAM
INPUT/OUTPUT I/F
205
203
ROM
NETWORK I/F
206
DISPLAY UNIT I/F
207

FIG. 3

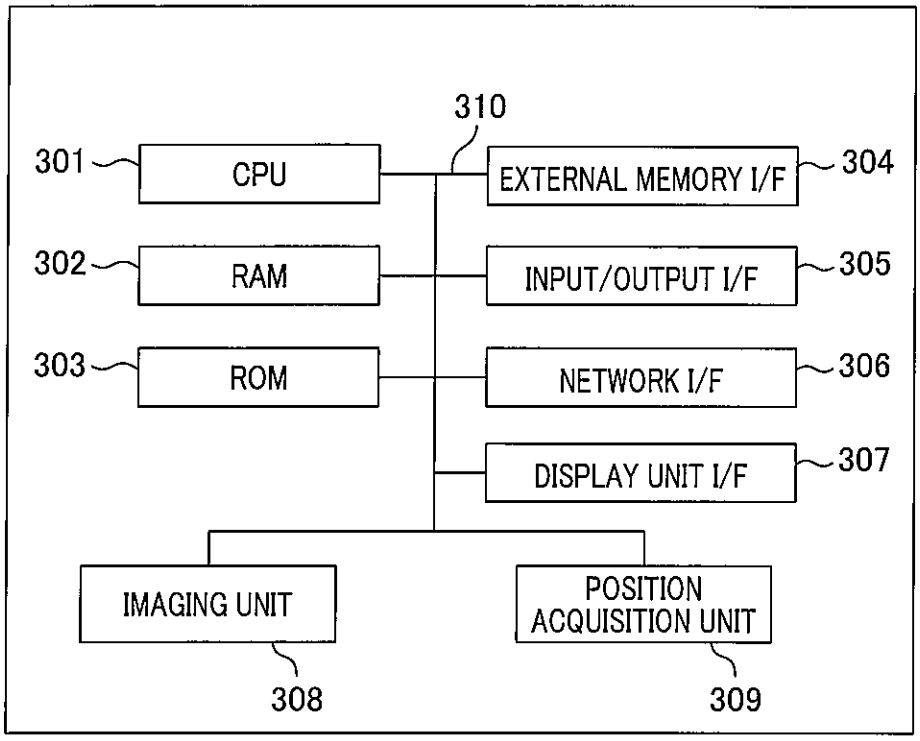

310
301
CPU
EXTERNAL MEMORY I/F
304
302
RAM
INPUT/OUTPUT I/F
305
303
ROM
NETWORK I/F
306
DISPLAY UNIT I/F
307
IMAGING UNIT
POSITION ACQUISITION UNIT
308
309

FIG. 4

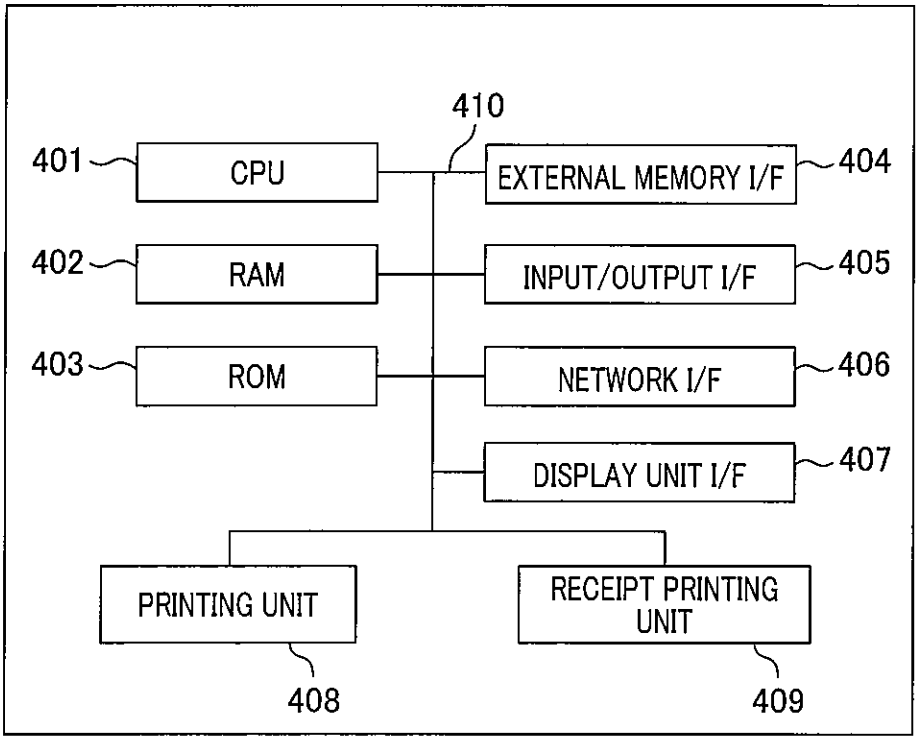

410
401
CPU
EXTERNAL MEMORY I/F
404
402
RAM
INPUT/OUTPUT I/F
405
403
ROM
NETWORK I/F
406
DISPLAY UNIT I/F
407
PRINTING UNIT
RECEIPT PRINTING UNIT
408
409

FIG. 5

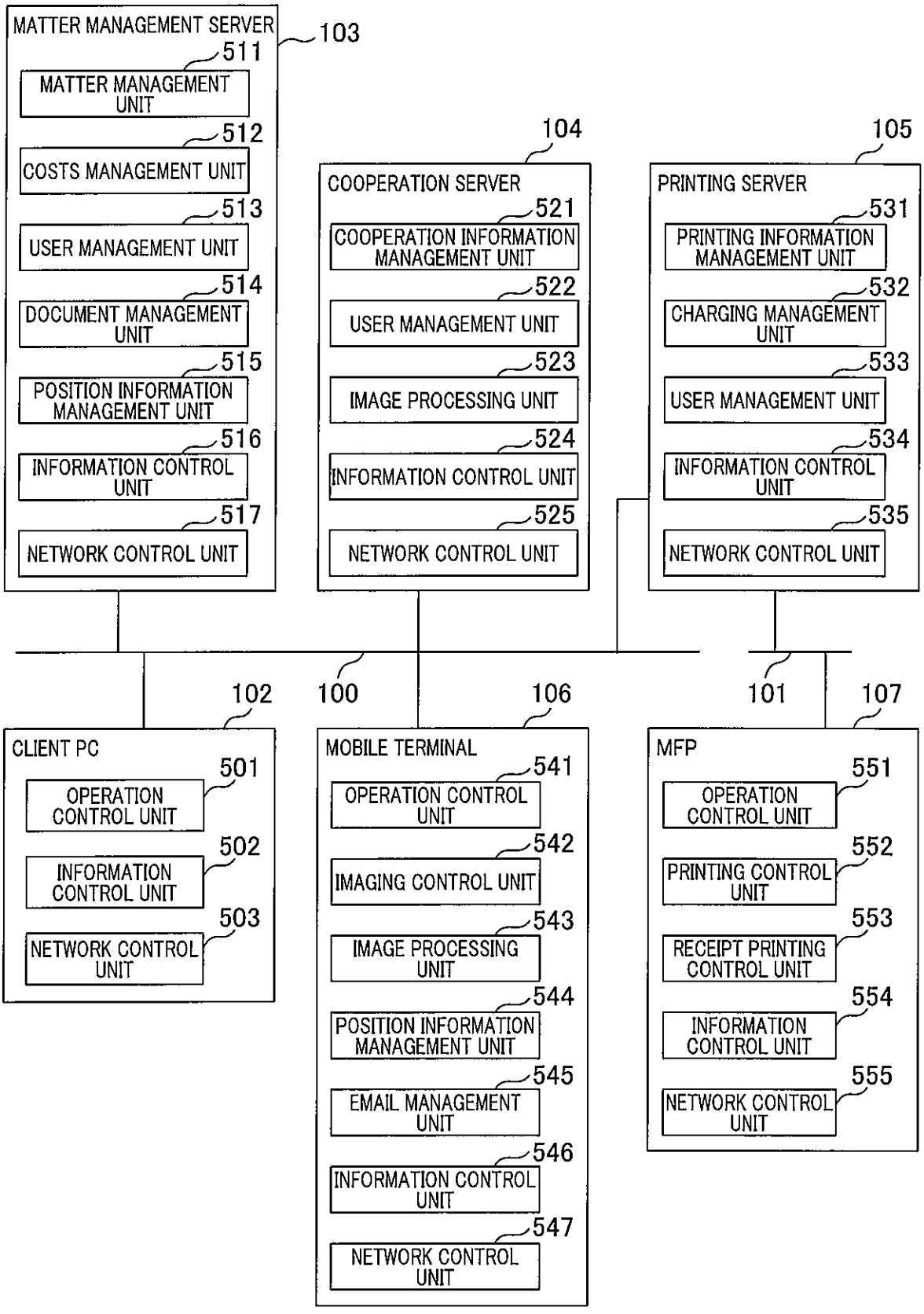

MATTER MANAGEMENT SERVER
103
511
MATTER MANAGEMENT UNIT
512
COSTS MANAGEMENT UNIT
513
USER MANAGEMENT UNIT
514
DOCUMENT MANAGEMENT UNIT
515
POSITION INFORMATION MANAGEMENT UNIT
516
INFORMATION CONTROL UNIT
517
NETWORK CONTROL UNIT
104
COOPERATION SERVER
521
COOPERATION INFORMATION MANAGEMENT UNIT
522
USER MANAGEMENT UNIT
523
IMAGE PROCESSING UNIT
524
INFORMATION CONTROL UNIT
525
NETWORK CONTROL UNIT
105
PRINTING SERVER
531
PRINTING INFORMATION MANAGEMENT UNIT
532
CHARGING MANAGEMENT UNIT
533
USER MANAGEMENT UNIT
534
INFORMATION CONTROL UNIT
535
NETWORK CONTROL UNIT
100
101
102
CLIENT PC
501
OPERATION CONTROL UNIT
502
INFORMATION CONTROL UNIT
503
NETWORK CONTROL UNIT
106
MOBILE TERMINAL
541
OPERATION CONTROL UNIT
542
IMAGING CONTROL UNIT
543
IMAGE PROCESSING UNIT
544
POSITION INFORMATION MANAGEMENT UNIT
545
EMAIL MANAGEMENT UNIT
546
INFORMATION CONTROL UNIT
547
NETWORK CONTROL UNIT
107
MFP
551
OPERATION CONTROL UNIT
552
PRINTING CONTROL UNIT
553
RECEIPT PRINTING CONTROL UNIT
554
INFORMATION CONTROL UNIT
555
NETWORK CONTROL UNIT

FIG. 6A

600

601 Matter management server user ID	602 Matter management server user name	603 Matter management server password	604 Email address
MU0001	Responsible party XX	pass1	userxx@aaa.bbb
MU0002	Responsible party YY	pass2	useryy@aaa.bbb
MU0003	Responsible party ZZ	pass3	userzz@aaa.bbb
:	:	:	:

FIG. 6B

610

611 Matter ID	612 Matter name	613 Responsible party user ID
M0001	MATTER A	U0001
M0002	MATTER B	U0002
M0003	MATTER C	U0003
:	:	:

FIG. 6C

620

621 Matter ID	622 Costs ID	623 Costs name	624 Costs value	625 Unit
M0001	C0001	AA matter register printing	1,000	yen
M0001	C0002	BB decision document printing	500	yen
M0001	C0003	Transportation costs	200	yen
M0001	C0004	Travelling costs	3	km
M0002	C0005	CC evidence materials printing	10,000	yen
:	:	:	:	:

FIG. 6D

630

631 Matter ID	632 Document ID	633 Document name	634 Document file
M0001	D0001	AA matter register	AA_Jiken.doc
M0001	D0002	BB decision document	BB_Hanketu.doc
M0002	D0003	CC evidence materials	CC_Syouko.pdf
:	:	:	:

FIG. 7A

640

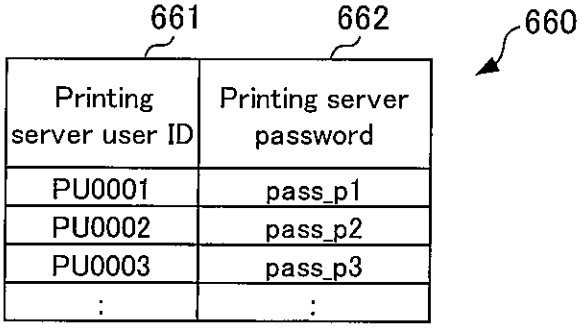
641 Cooperation server user ID	642 Cooperation server password	643 Matter management server user ID	644 Matter management server password	645 Printing server user ID	646 Printing server password
RU0001	pass_r1	MU0001	pass1	PU0001	pass_p1
RU0002	pass_r2	MU0002	pass2	PU0002	pass_p2
RU0003	pass_r3	MU0003	pass3	PU0003	pass_p3
:	:	:	:	:	:

FIG. 7B

650

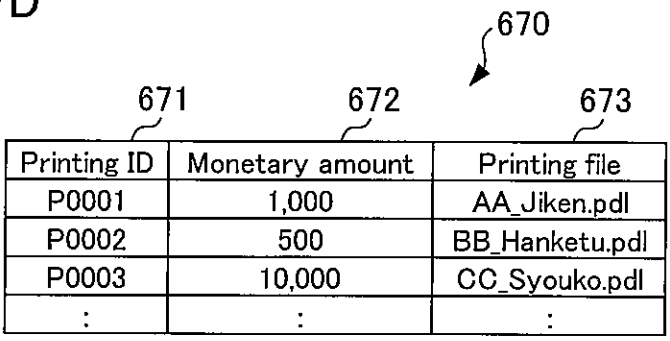
651 Matter ID	652 Matter name	653 Matter management server user ID	654 Printing ID	655 Monetary amount	656 Document name	657 Document file	658 Printing file
M0001	Matter A	MU0001	P0001	1,000	AA matter register	AA_Jiken.doc	AA_Jiken.pdl
M0001	Matter A	MU0001	P0002	500	BB decision document	BB_Hanketu.doc	BB_Hanketu.pdl
M0002	Matter B	MU0002	P0003	10,000	CC evidence materials	CC_Syouko.pdf	CC_Syouko.pdl
:	:	:	:	:	:	:	:

FIG. 7C



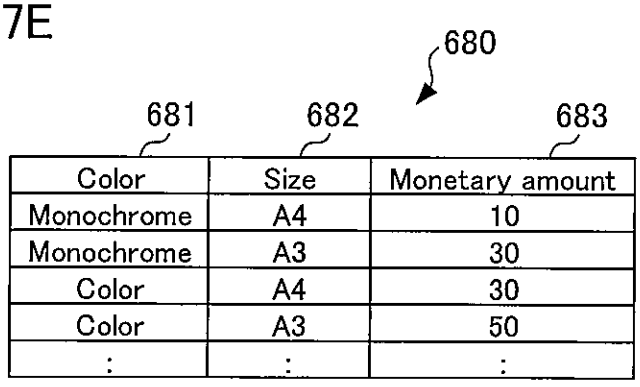
Printing server user ID	Printing server password
PU0001	pass_p1
PU0002	pass_p2
PU0003	pass_p3
:	:

FIG. 7D



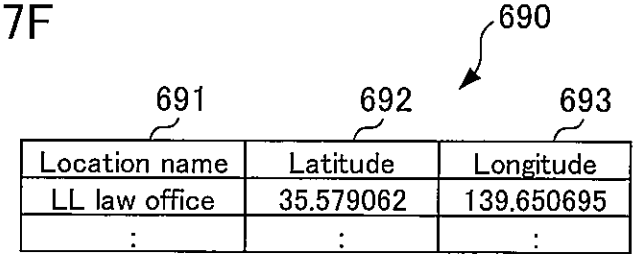
Printing ID	Monetary amount	Printing file
P0001	1,000	AA_Jiken.pdl
P0002	500	BB_Hanketu.pdl
P0003	10,000	CC_Syouko.pdl
:	:	:

FIG. 7E



Color	Size	Monetary amount
Monochrome	A4	10
Monochrome	A3	30
Color	A4	30
Color	A3	50
:	:	:

FIG. 7F



Location name	Latitude	Longitude
LL law office	35.579062	139.650695
:	:	:

FIG. 8

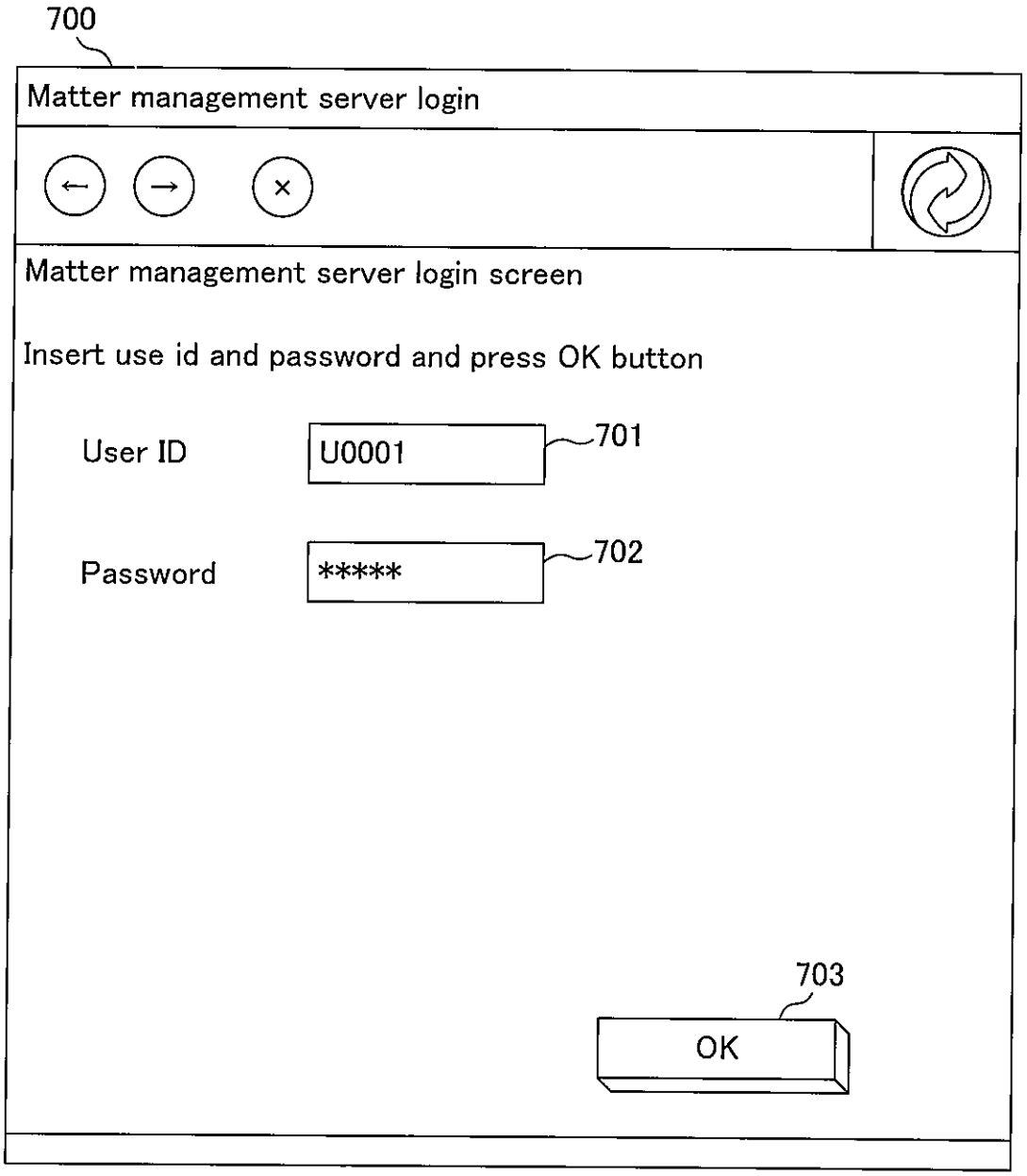

700
Matter management server login
Matter management server login screen
Insert use id and password and press OK button
User ID
U0001
701
Password
*****
702
703
OK

FIG. 9

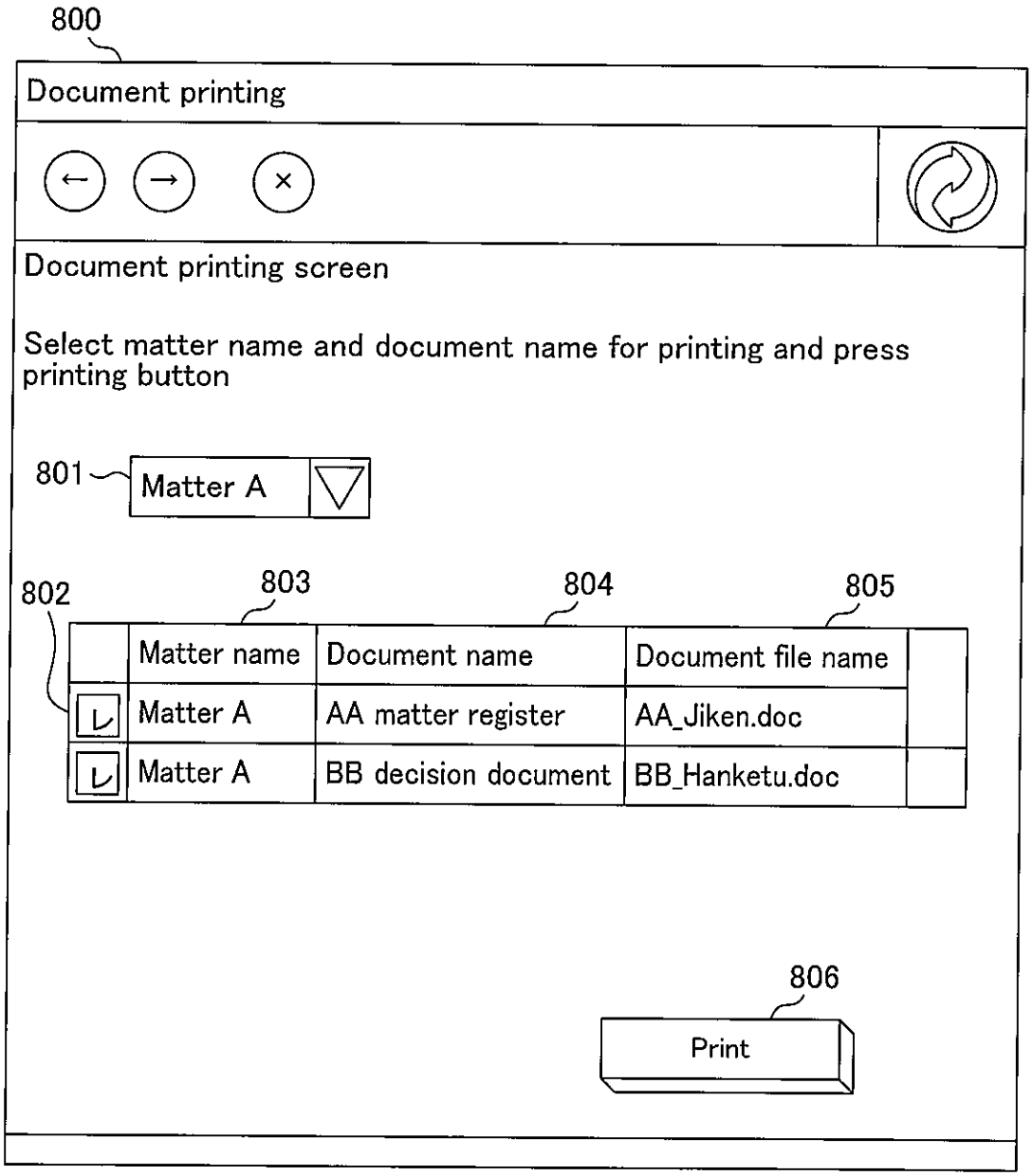

800
Document printing
Document printing screen
Select matter name and document name for printing and press printing button
801
Matter A
802
803
804
805
Matter name
Document name
Document file name
Matter A
AA matter register
AA_Jiken.doc
Matter A
BB decision document
BB_Hanketu.doc
806
Print

FIG. 10

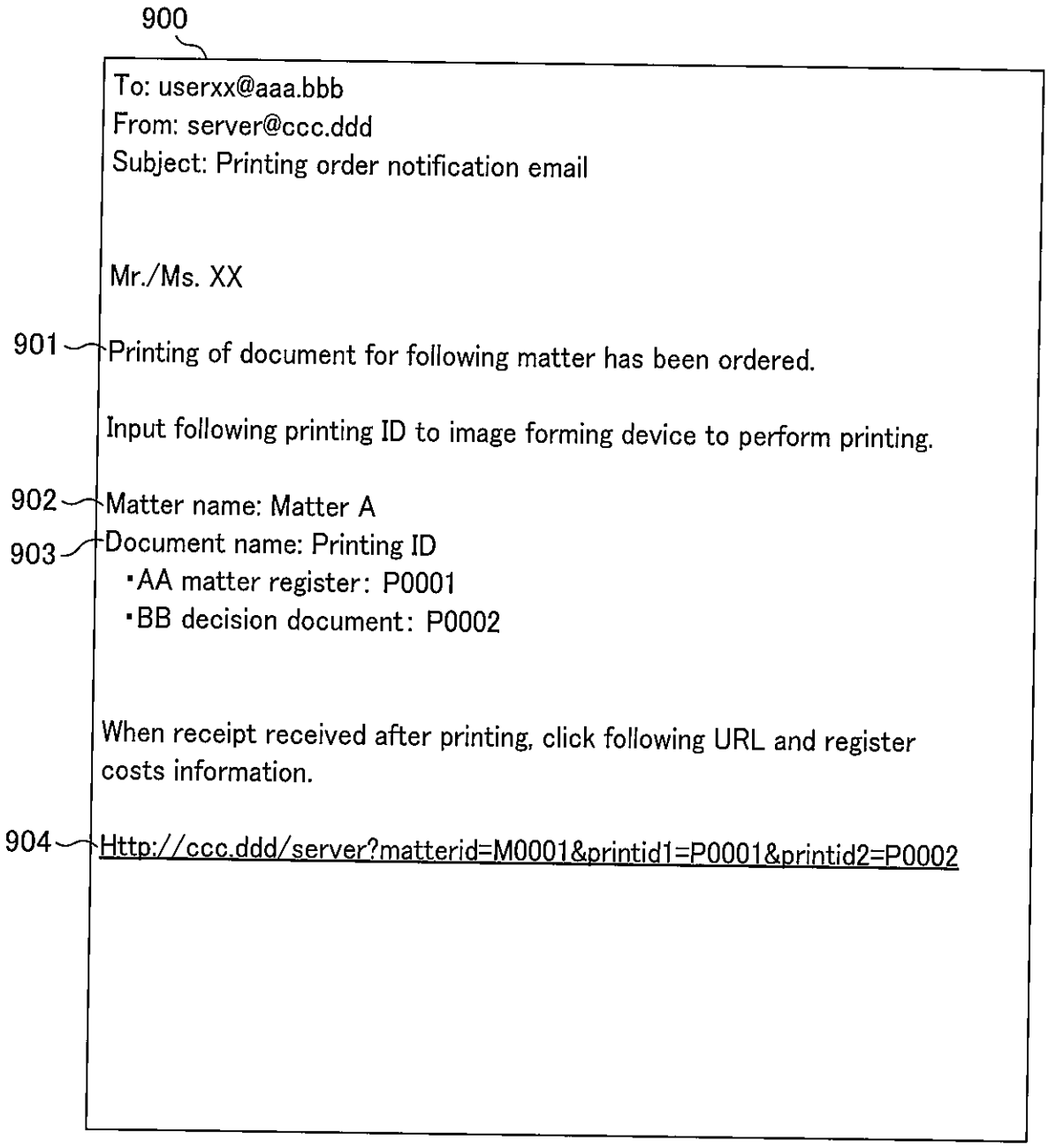

900
To: userxx@aaa.bbb
From: server@ccc.ddd
Subject: Printing order notification email
Mr./Ms. XX
901
Printing of document for following matter has been ordered.
Input following printing ID to image forming device to perform printing.
902
Matter name: Matter A
903
Document name: Printing ID
・AA matter register: P0001
・BB decision document: P0002
When receipt received after printing, click following URL and register costs information.
904
Http://ccc.ddd/server?matterid=M0001&printid1=P0001&printid2=P0002

FIG. 11

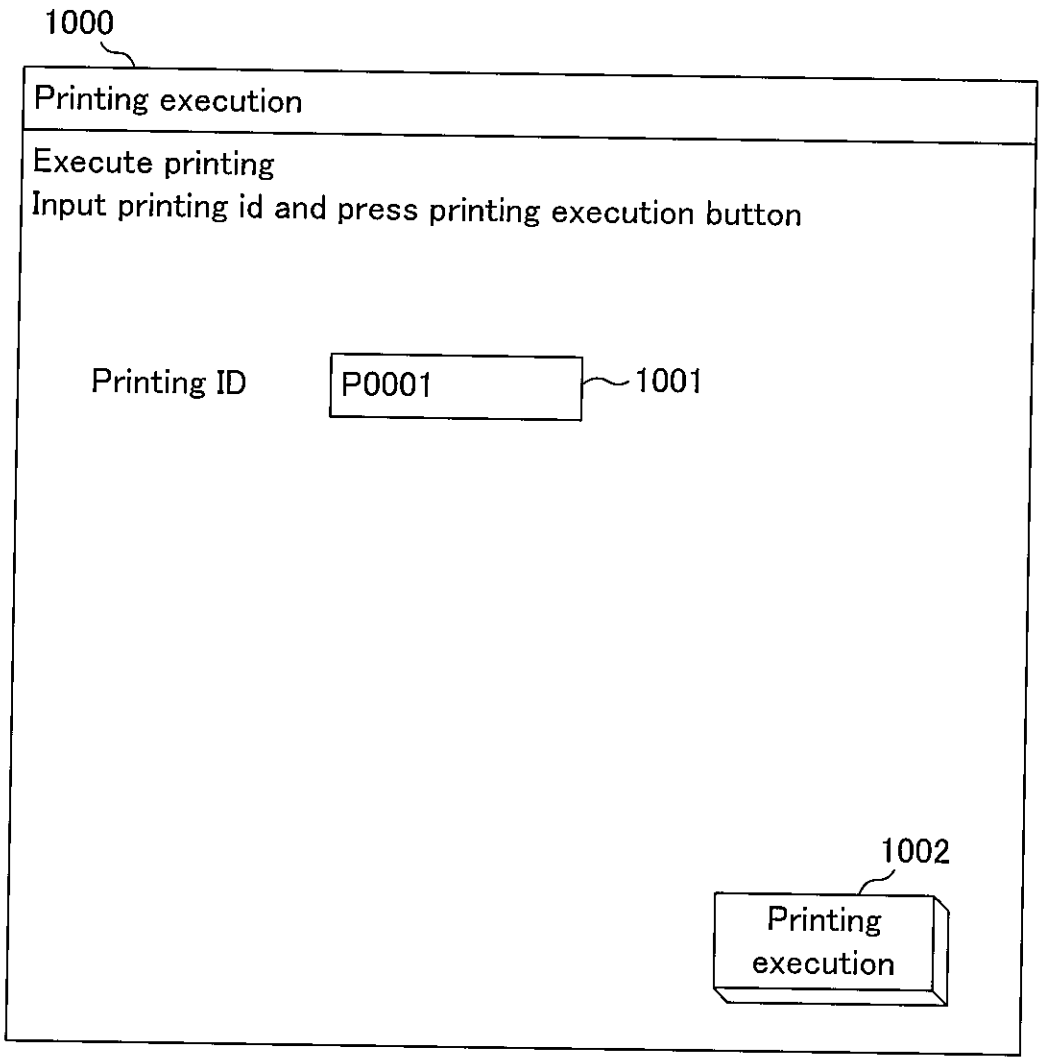

1000
Printing execution
Execute printing
Input printing id and press printing execution button
Printing ID
P0001
1001
1002
Printing execution

FIG. 12

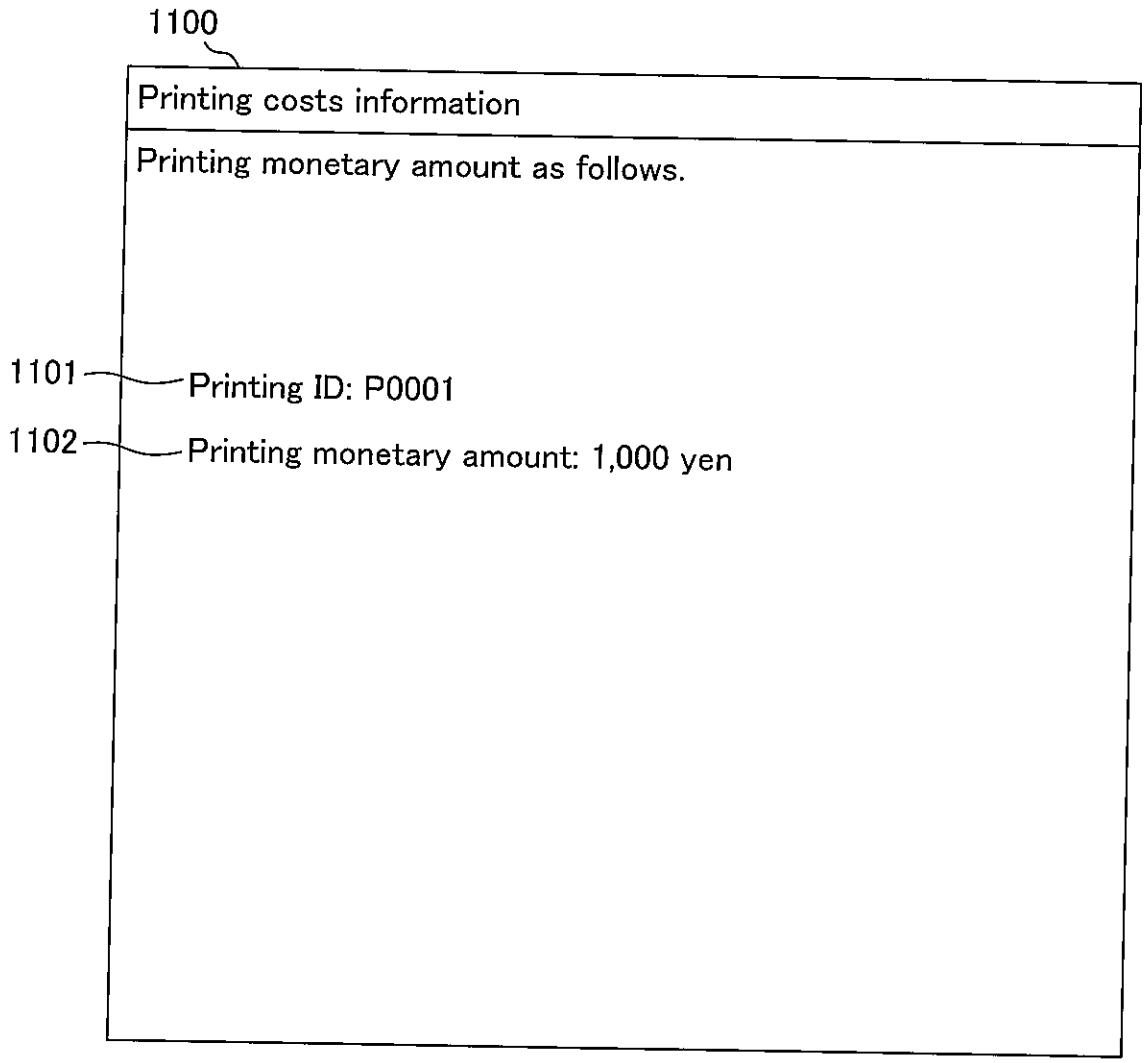

1100
Printing costs information
Printing monetary amount as follows.
1101
Printing ID: P0001
1102
Printing monetary amount: 1,000 yen

FIG. 13

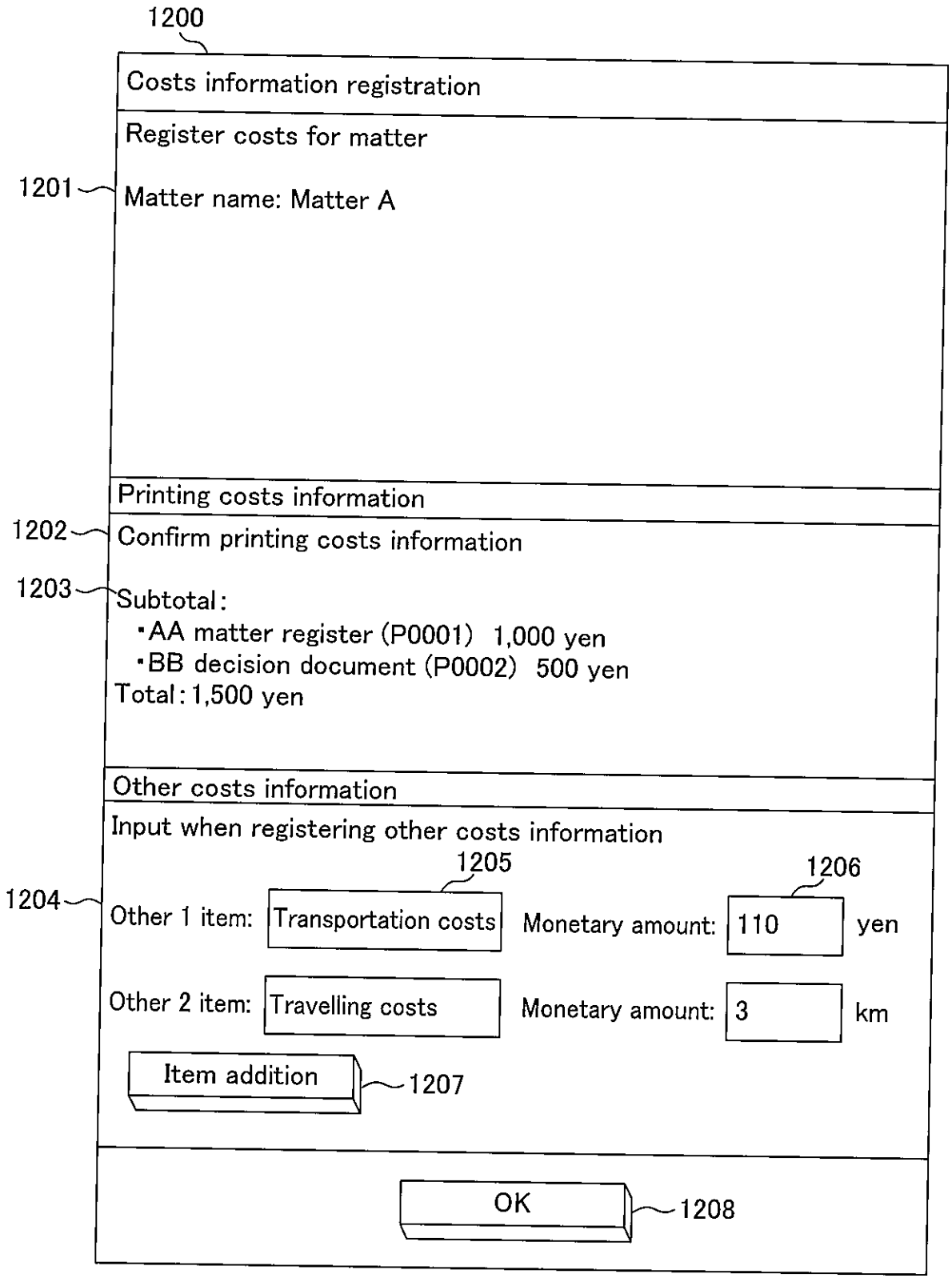

1200
Costs information registration
Register costs for matter
1201
Matter name: Matter A
Printing costs information
1202
Confirm printing costs information
1203
Subtotal:
・AA matter register (P0001) 1,000 yen
・BB decision document (P0002) 500 yen
Total: 1,500 yen
Other costs information
Input when registering other costs information
1205
1206
1204
Other 1 item:
Transportation costs
Monetary amount:
110
yen
Other 2 item:
Travelling costs
Monetary amount:
3
km
Item addition
1207
OK
1208

FIG. 14

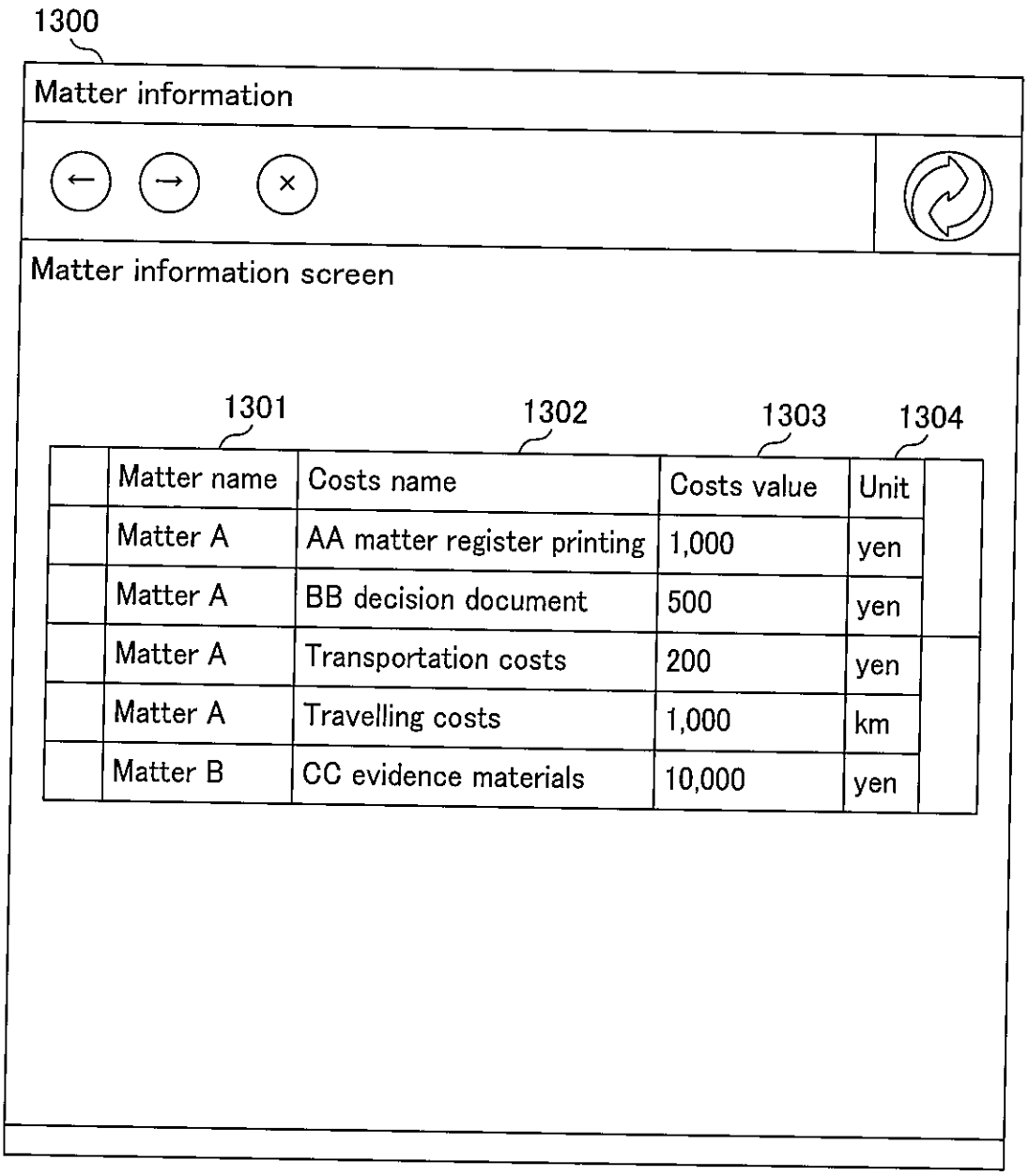

1300
Matter information
Matter information screen
1301
1302
1303
1304
Matter name
Costs name
Costs value
Unit
Matter A
AA matter register printing
1,000
yen
Matter A
BB decision document
500
yen
Matter A
Transportation costs
200
yen
Matter A
Travelling costs
1,000
km
Matter B
CC evidence materials
10,000
yen

FIG. 15

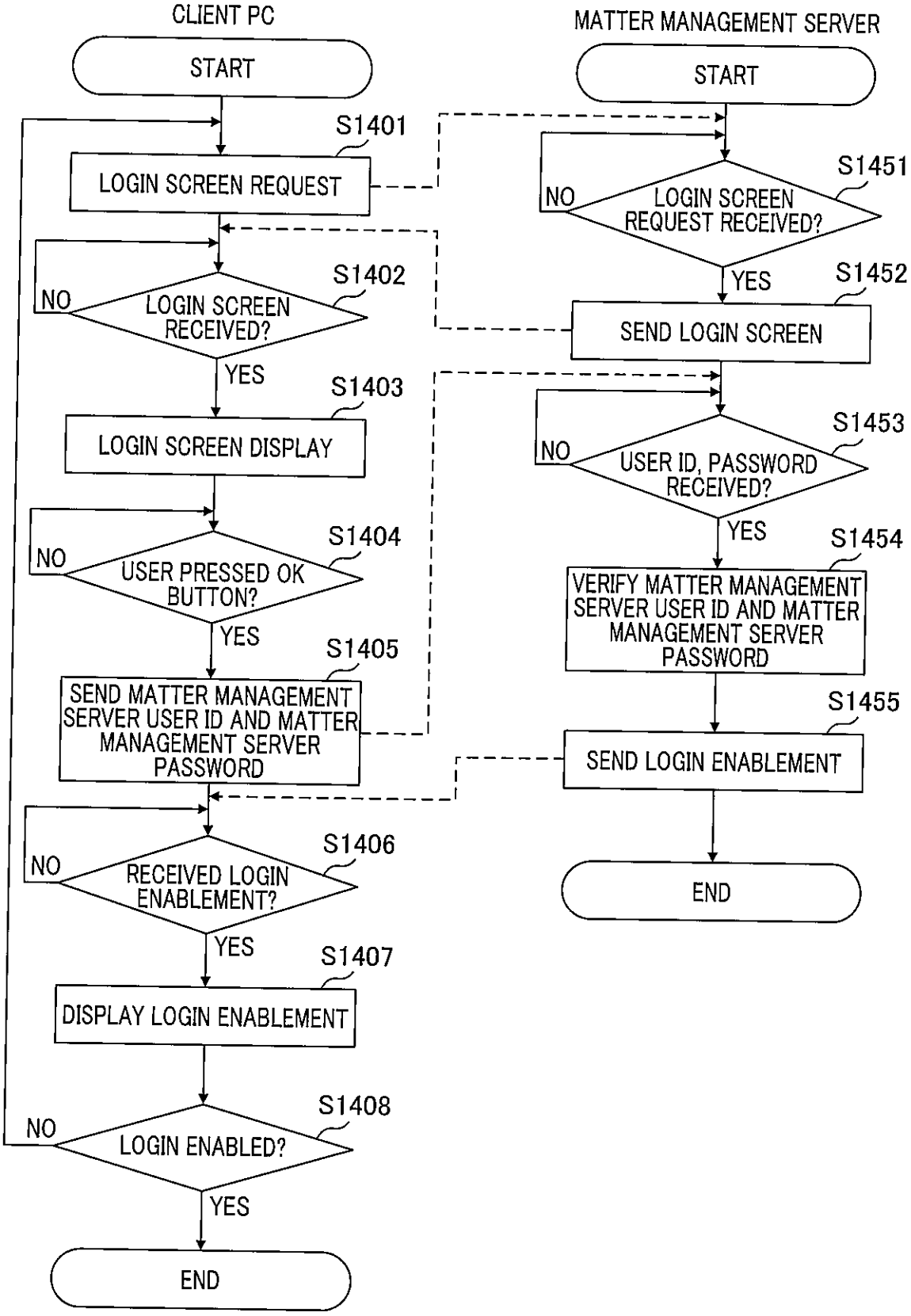

CLIENT PC
MATTER MANAGEMENT SERVER
START
START
S1401
LOGIN SCREEN REQUEST
S1451
NO
LOGIN SCREEN REQUEST RECEIVED?
YES
S1452
S1402
NO
LOGIN SCREEN RECEIVED?
SEND LOGIN SCREEN
YES
S1403
LOGIN SCREEN DISPLAY
S1453
NO
USER ID, PASSWORD RECEIVED?
YES
S1404
S1454
NO
USER PRESSED OK BUTTON?
VERIFY MATTER MANAGEMENT SERVER USER ID AND MATTER MANAGEMENT SERVER PASSWORD
YES
S1405
S1455
SEND MATTER MANAGEMENT SERVER USER ID AND MATTER MANAGEMENT SERVER PASSWORD
SEND LOGIN ENABLEMENT
S1406
NO
RECEIVED LOGIN ENABLEMENT?
END
YES
S1407
DISPLAY LOGIN ENABLEMENT
S1408
NO
LOGIN ENABLED?
YES
END

FIG. 16

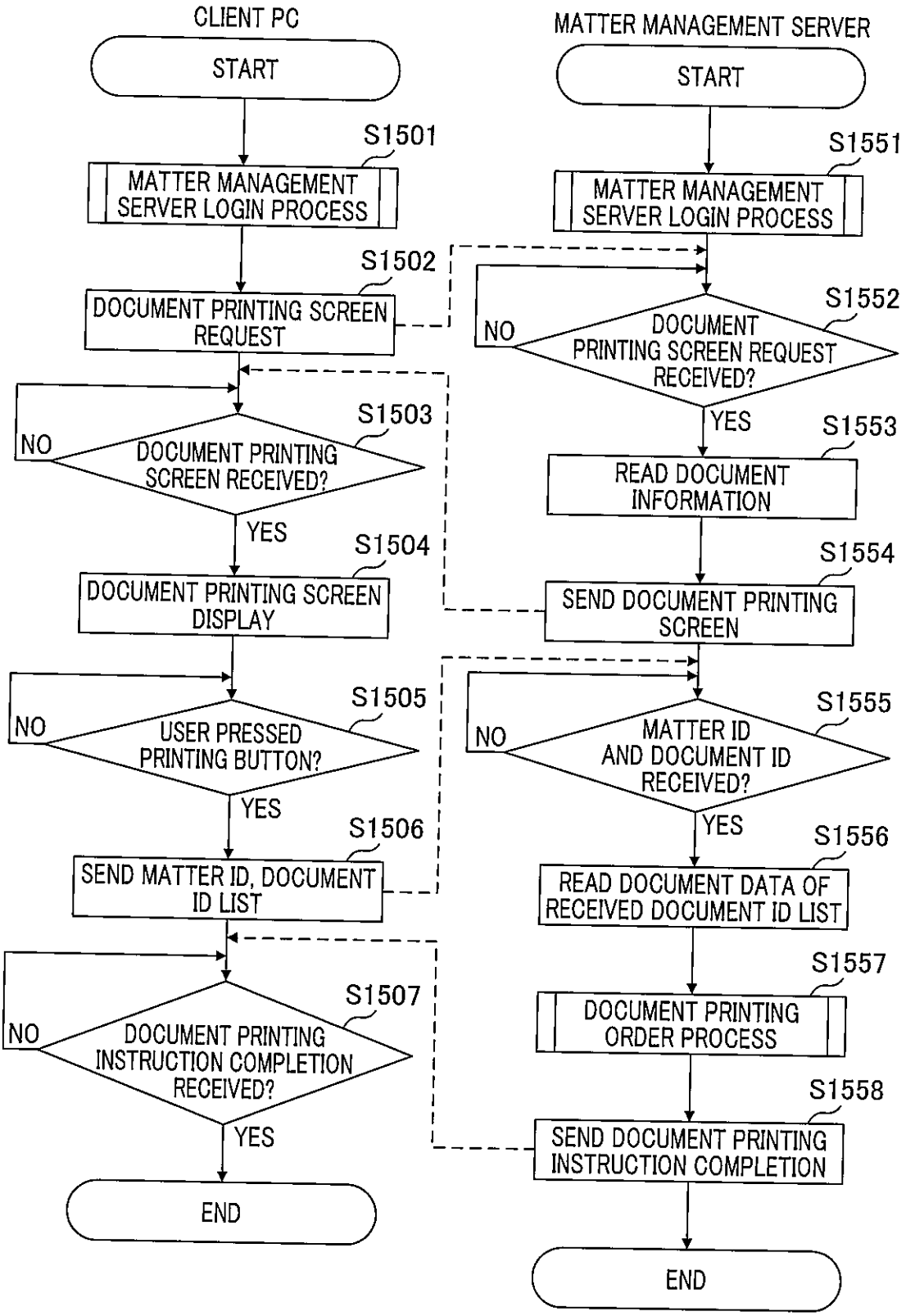

CLIENT PC
START
S1501
MATTER MANAGEMENT SERVER LOGIN PROCESS
S1502
DOCUMENT PRINTING SCREEN REQUEST
S1503
NO
DOCUMENT PRINTING SCREEN RECEIVED?
YES
S1504
DOCUMENT PRINTING SCREEN DISPLAY
S1505
NO
USER PRESSED PRINTING BUTTON?
YES
S1506
SEND MATTER ID, DOCUMENT ID LIST
S1507
NO
DOCUMENT PRINTING INSTRUCTION COMPLETION RECEIVED?
YES
END
MATTER MANAGEMENT SERVER
START
S1551
MATTER MANAGEMENT SERVER LOGIN PROCESS
S1552
NO
DOCUMENT PRINTING SCREEN REQUEST RECEIVED?
YES
S1553
READ DOCUMENT INFORMATION
S1554
SEND DOCUMENT PRINTING SCREEN
S1555
NO
MATTER ID AND DOCUMENT ID RECEIVED?
YES
S1556
READ DOCUMENT DATA OF RECEIVED DOCUMENT ID LIST
S1557
DOCUMENT PRINTING ORDER PROCESS
S1558
SEND DOCUMENT PRINTING INSTRUCTION COMPLETION
END

FIG. 17

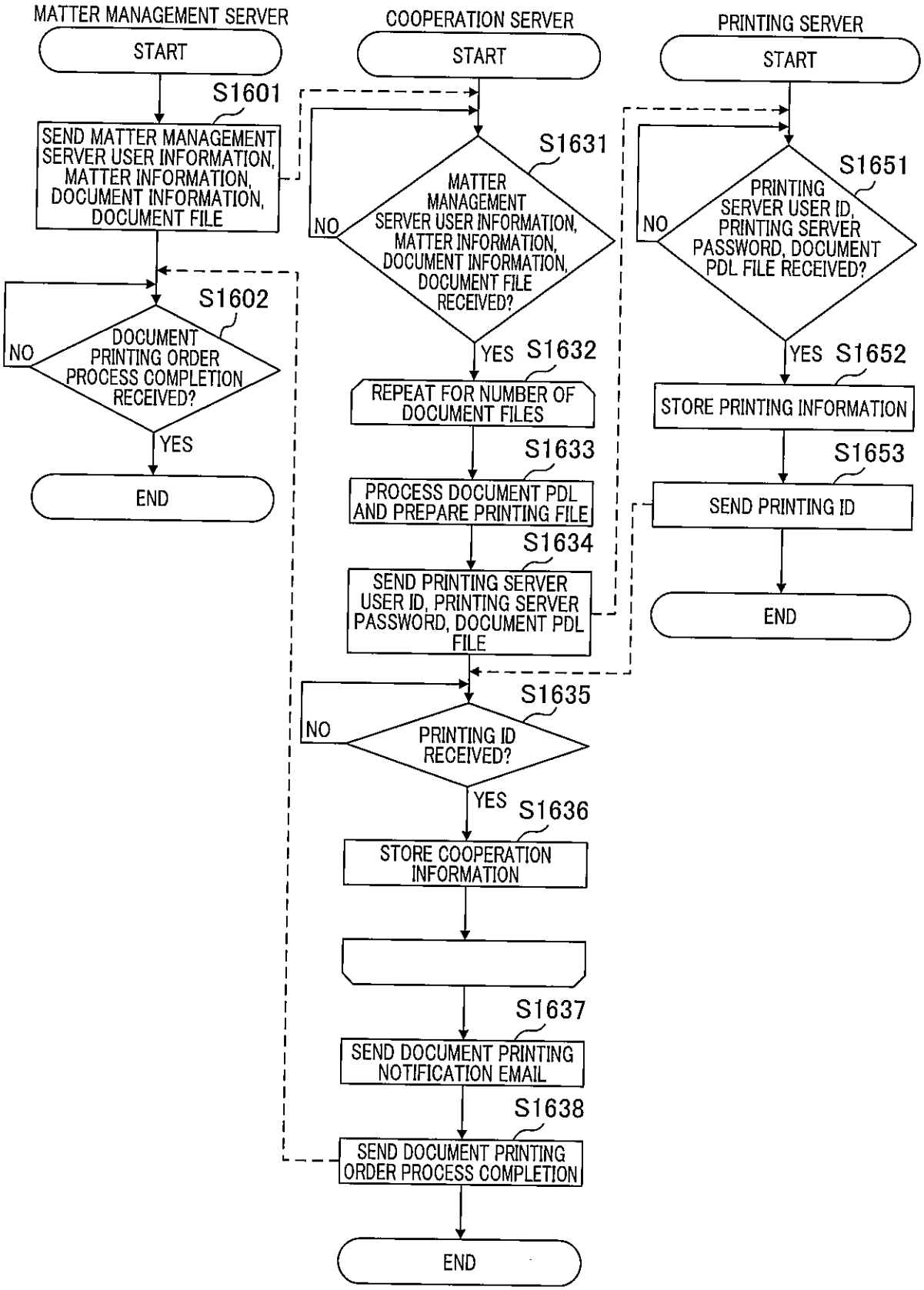

MATTER MANAGEMENT SERVER
START
S1601
SEND MATTER MANAGEMENT SERVER USER INFORMATION, MATTER INFORMATION, DOCUMENT INFORMATION, DOCUMENT FILE
S1602
NO
DOCUMENT PRINTING ORDER PROCESS COMPLETION RECEIVED?
YES
END
COOPERATION SERVER
START
S1631
NO
MATTER MANAGEMENT SERVER USER INFORMATION, MATTER INFORMATION, DOCUMENT INFORMATION, DOCUMENT FILE RECEIVED?
YES
S1632
REPEAT FOR NUMBER OF DOCUMENT FILES
S1633
PROCESS DOCUMENT PDL AND PREPARE PRINTING FILE
S1634
SEND PRINTING SERVER USER ID, PRINTING SERVER PASSWORD, DOCUMENT PDL FILE
S1635
NO
PRINTING ID RECEIVED?
YES
S1636
STORE COOPERATION INFORMATION
S1637
SEND DOCUMENT PRINTING NOTIFICATION EMAIL
S1638
SEND DOCUMENT PRINTING ORDER PROCESS COMPLETION
END
PRINTING SERVER
START
S1651
NO
PRINTING SERVER USER ID, PRINTING SERVER PASSWORD, DOCUMENT PDL FILE RECEIVED?
YES
S1652
STORE PRINTING INFORMATION
S1653
SEND PRINTING ID
END

FIG. 18

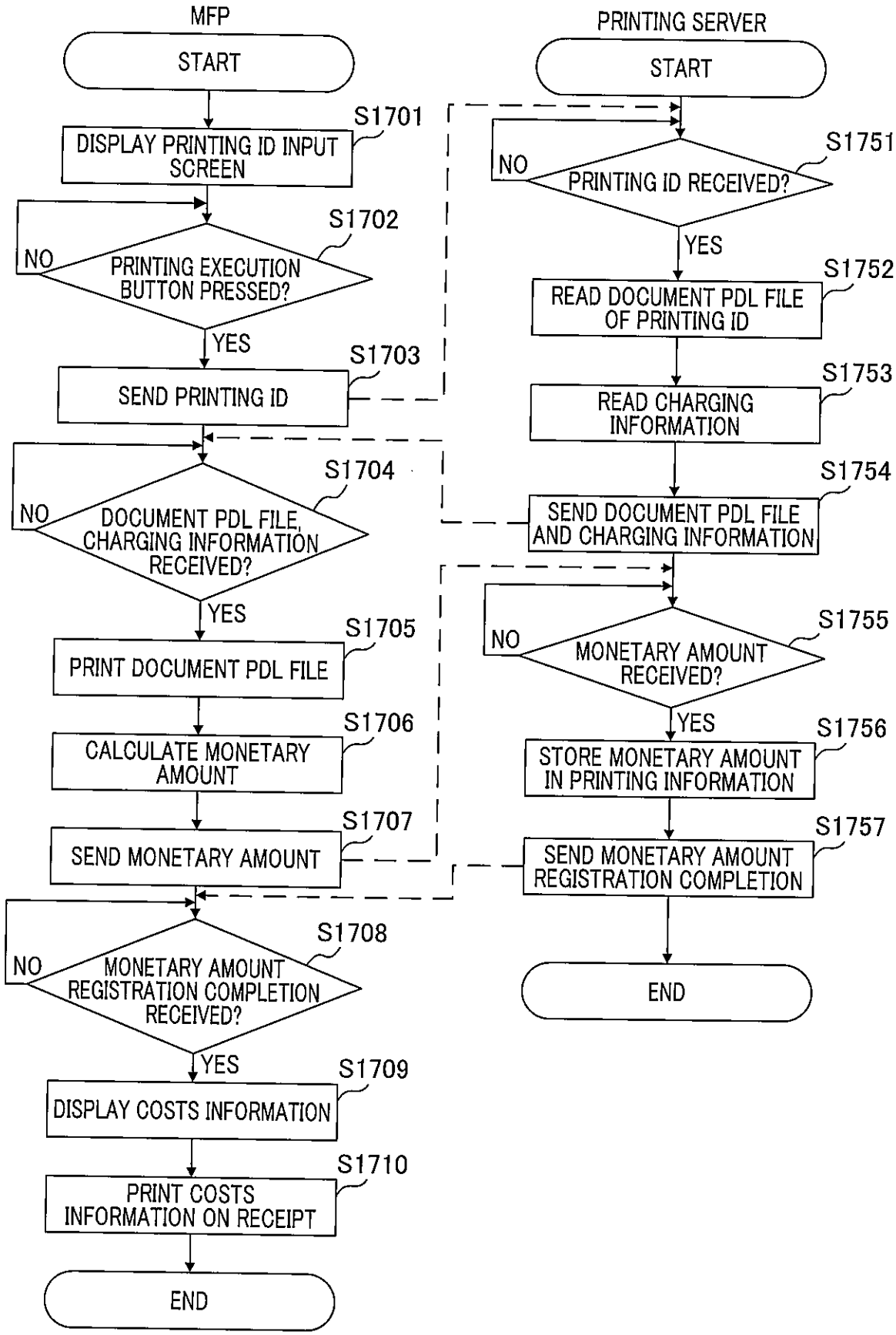

MFP
START
S1701
DISPLAY PRINTING ID INPUT SCREEN
S1702
NO
PRINTING EXECUTION BUTTON PRESSED?
YES
S1703
SEND PRINTING ID
S1704
NO
DOCUMENT PDL FILE, CHARGING INFORMATION RECEIVED?
YES
S1705
PRINT DOCUMENT PDL FILE
S1706
CALCULATE MONETARY AMOUNT
S1707
SEND MONETARY AMOUNT
S1708
NO
MONETARY AMOUNT REGISTRATION COMPLETION RECEIVED?
YES
S1709
DISPLAY COSTS INFORMATION
S1710
PRINT COSTS INFORMATION ON RECEIPT
END
PRINTING SERVER
START
S1751
NO
PRINTING ID RECEIVED?
YES
S1752
READ DOCUMENT PDL FILE OF PRINTING ID
S1753
READ CHARGING INFORMATION
S1754
SEND DOCUMENT PDL FILE AND CHARGING INFORMATION
S1755
NO
MONETARY AMOUNT RECEIVED?
YES
S1756
STORE MONETARY AMOUNT IN PRINTING INFORMATION
S1757
SEND MONETARY AMOUNT REGISTRATION COMPLETION
END

FIG. 19

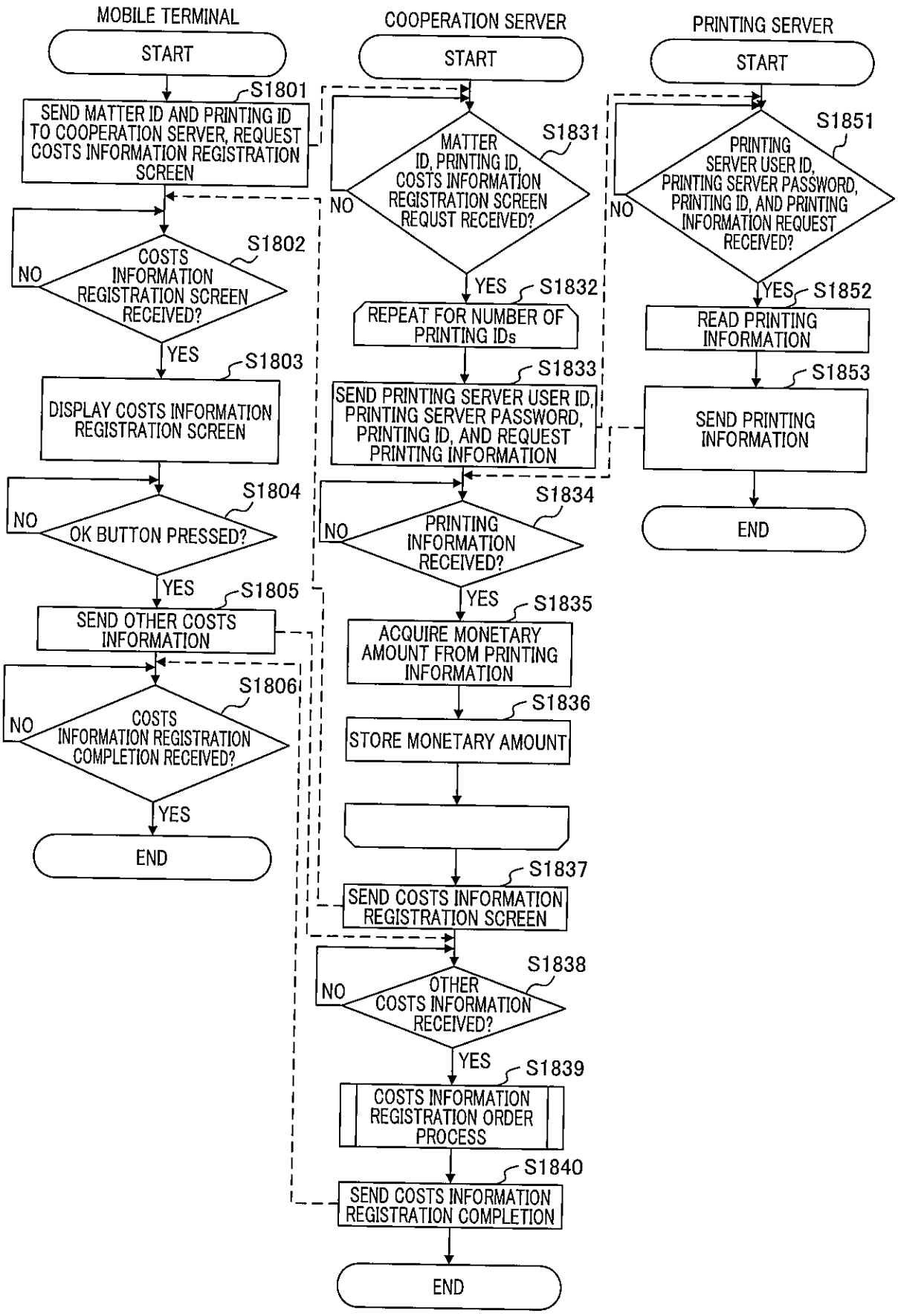

MOBILE TERMINAL
START
S1801
SEND MATTER ID AND PRINTING ID TO COOPERATION SERVER, REQUEST COSTS INFORMATION REGISTRATION SCREEN
S1802
COSTS INFORMATION REGISTRATION SCREEN RECEIVED?
NO
YES
S1803
DISPLAY COSTS INFORMATION REGISTRATION SCREEN
S1804
OK BUTTON PRESSED?
NO
YES
S1805
SEND OTHER COSTS INFORMATION
S1806
COSTS INFORMATION REGISTRATION COMPLETION RECEIVED?
NO
YES
END
COOPERATION SERVER
START
S1831
MATTER ID, PRINTING ID, COSTS INFORMATION REGISTRATION SCREEN REQUST RECEIVED?
NO
YES
S1832
REPEAT FOR NUMBER OF PRINTING IDs
S1833
SEND PRINTING SERVER USER ID, PRINTING SERVER PASSWORD, PRINTING ID, AND REQUEST PRINTING INFORMATION
S1834
PRINTING INFORMATION RECEIVED?
NO
YES
S1835
ACQUIRE MONETARY AMOUNT FROM PRINTING INFORMATION
S1836
STORE MONETARY AMOUNT
S1837
SEND COSTS INFORMATION REGISTRATION SCREEN
S1838
OTHER COSTS INFORMATION RECEIVED?
NO
YES
S1839
COSTS INFORMATION REGISTRATION ORDER PROCESS
S1840
SEND COSTS INFORMATION REGISTRATION COMPLETION
END
PRINTING SERVER
START
S1851
PRINTING SERVER USER ID, PRINTING SERVER PASSWORD, PRINTING ID, AND PRINTING INFORMATION REQUEST RECEIVED?
NO
YES
S1852
READ PRINTING INFORMATION
S1853
SEND PRINTING INFORMATION
END

FIG. 20

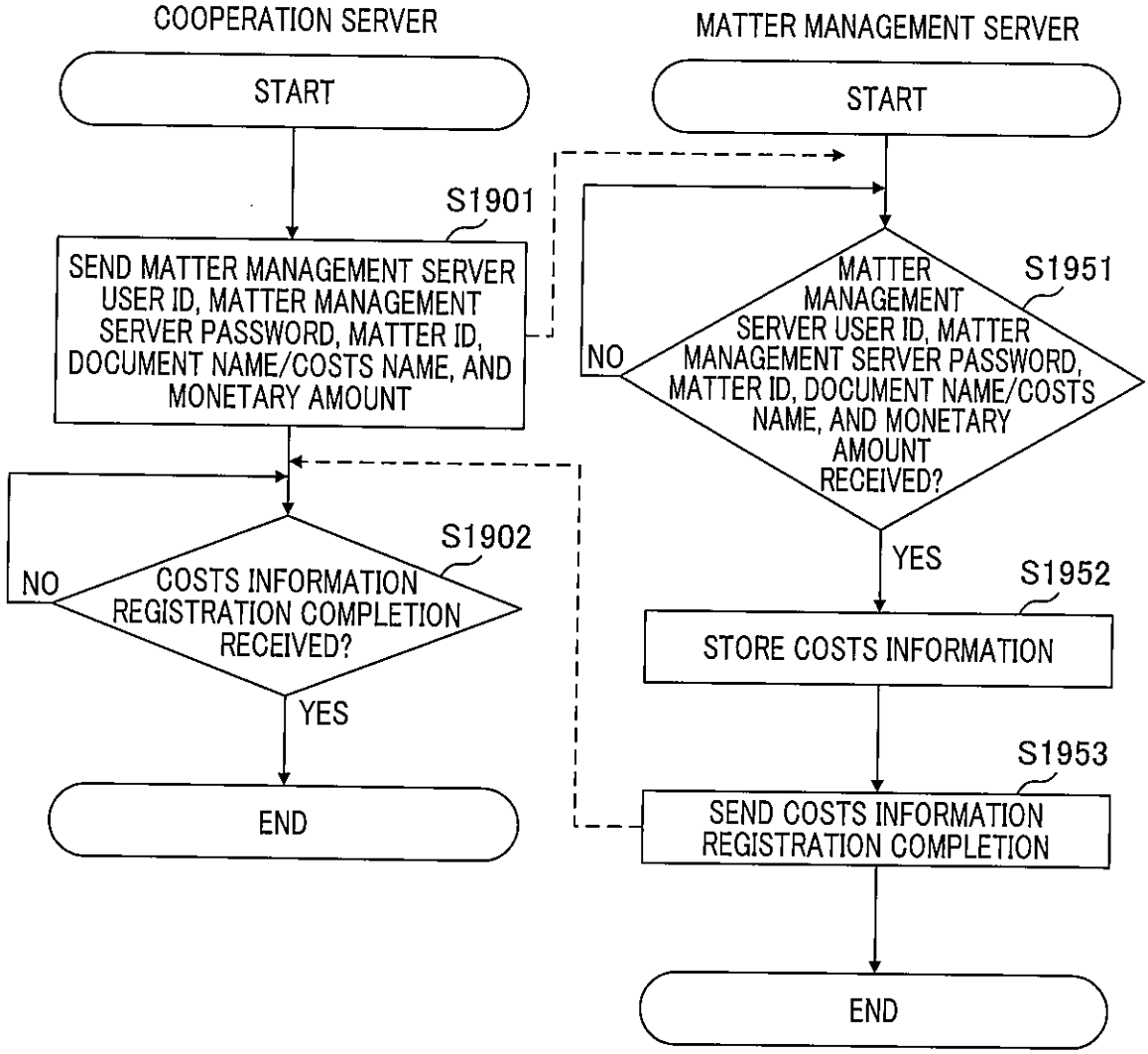

COOPERATION SERVER
MATTER MANAGEMENT SERVER
START
START
S1901
SEND MATTER MANAGEMENT SERVER USER ID, MATTER MANAGEMENT SERVER PASSWORD, MATTER ID, DOCUMENT NAME/COSTS NAME, AND MONETARY AMOUNT
MATTER MANAGEMENT SERVER USER ID, MATTER MANAGEMENT SERVER PASSWORD, MATTER ID, DOCUMENT NAME/COSTS NAME, AND MONETARY AMOUNT RECEIVED?
S1951
NO
YES
S1902
NO
COSTS INFORMATION REGISTRATION COMPLETION RECEIVED?
YES
S1952
STORE COSTS INFORMATION
S1953
SEND COSTS INFORMATION REGISTRATION COMPLETION
END
END

FIG. 21

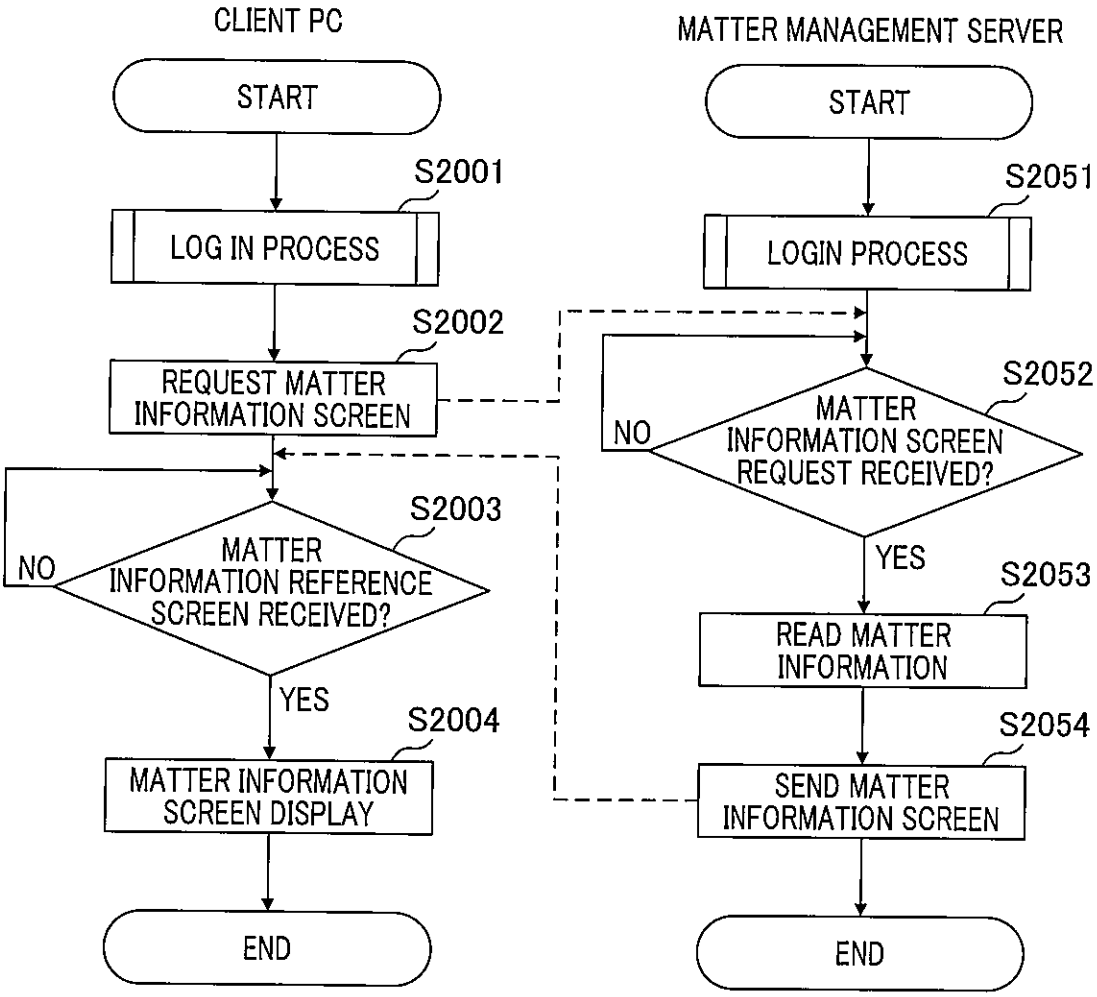

CLIENT PC
START
S2001
LOG IN PROCESS
S2002
REQUEST MATTER INFORMATION SCREEN
S2003
MATTER INFORMATION REFERENCE SCREEN RECEIVED?
NO
YES
S2004
MATTER INFORMATION SCREEN DISPLAY
END
MATTER MANAGEMENT SERVER
START
S2051
LOGIN PROCESS
S2052
MATTER INFORMATION SCREEN REQUEST RECEIVED?
NO
YES
S2053
READ MATTER INFORMATION
S2054
SEND MATTER INFORMATION SCREEN
END

FIG. 22

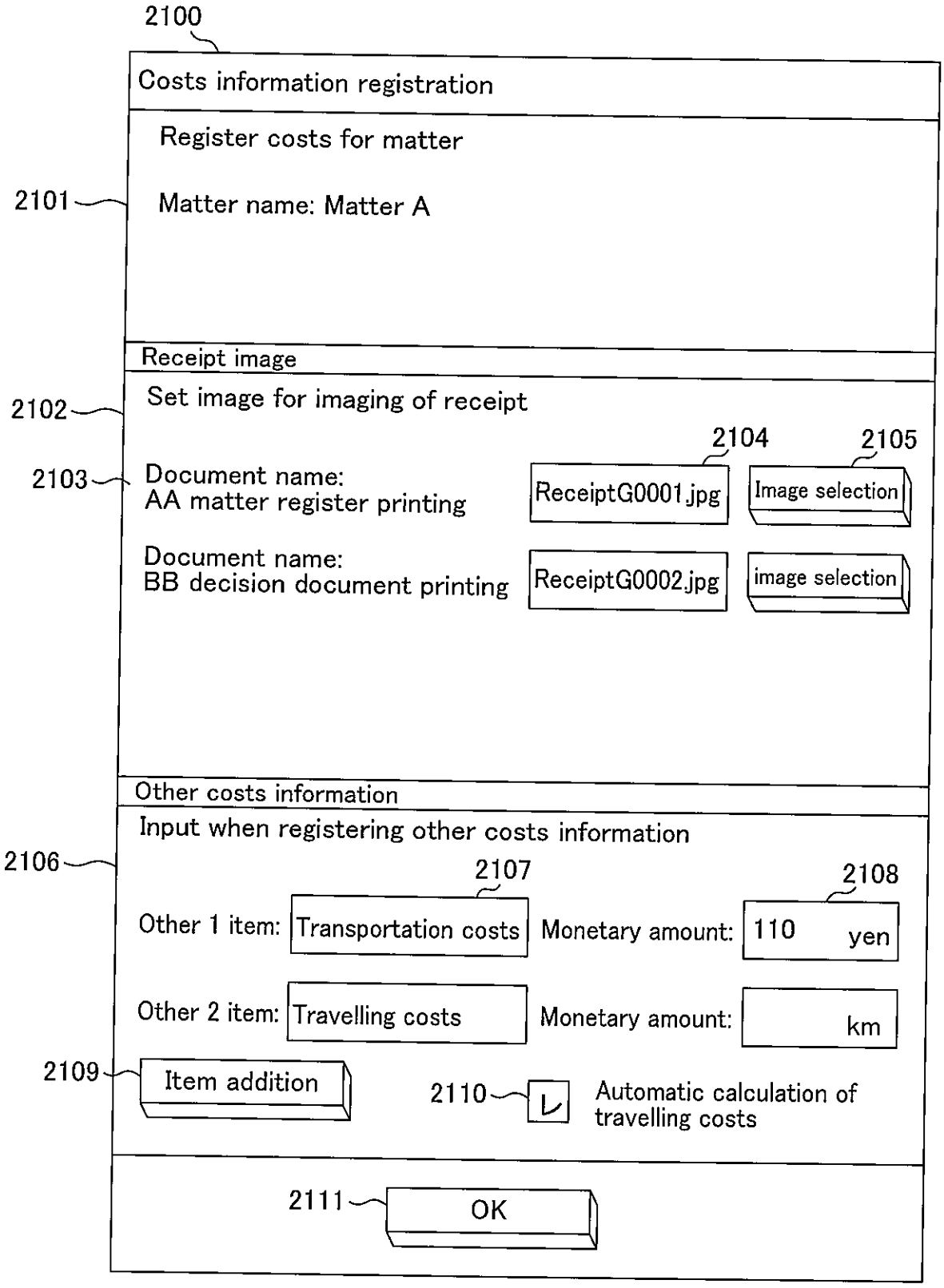

2100
Costs information registration
Register costs for matter
2101
Matter name: Matter A
Receipt image
2102
Set image for imaging of receipt
2104
2105
2103
Document name:
AA matter register printing
ReceiptG0001.jpg
Image selection
Document name:
BB decision document printing
ReceiptG0002.jpg
image selection
Other costs information
2106
Input when registering other costs information
2107
2108
Other 1 item:
Transportation costs
Monetary amount:
110
yen
Other 2 item:
Travelling costs
Monetary amount:
km
2109
Item addition
2110
Automatic calculation of travelling costs
2111
OK

FIG. 23A

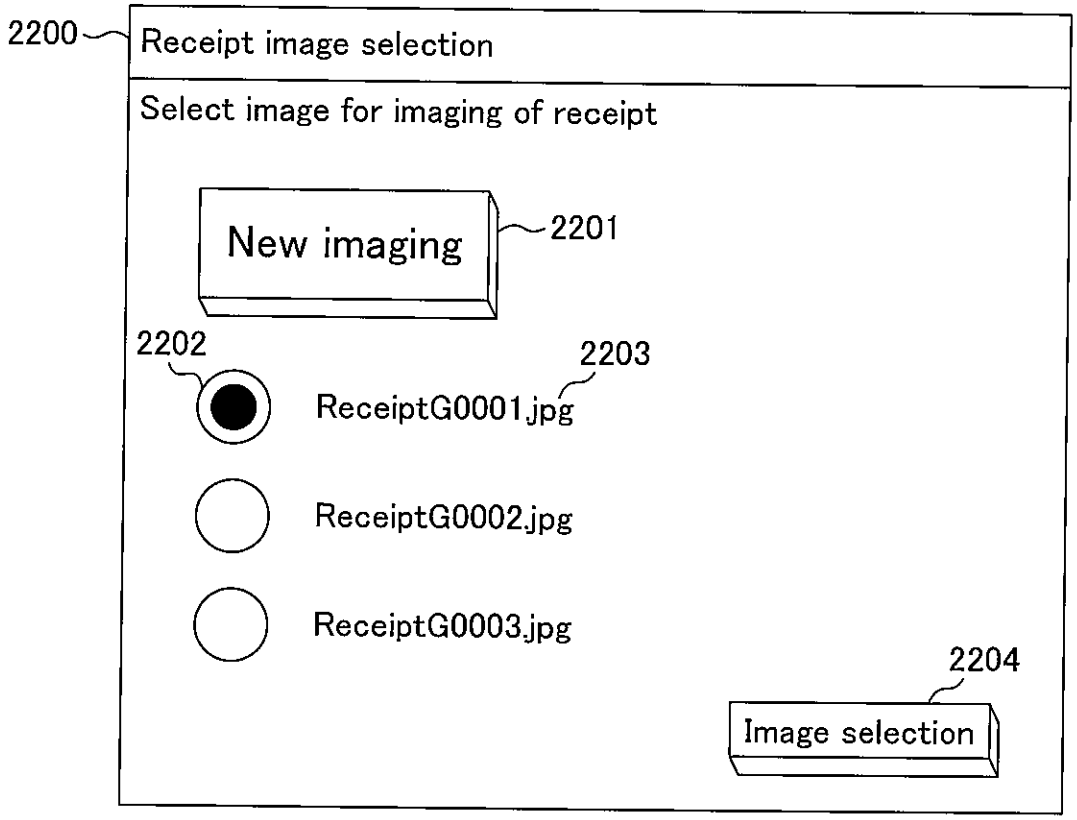


FIG. 23B

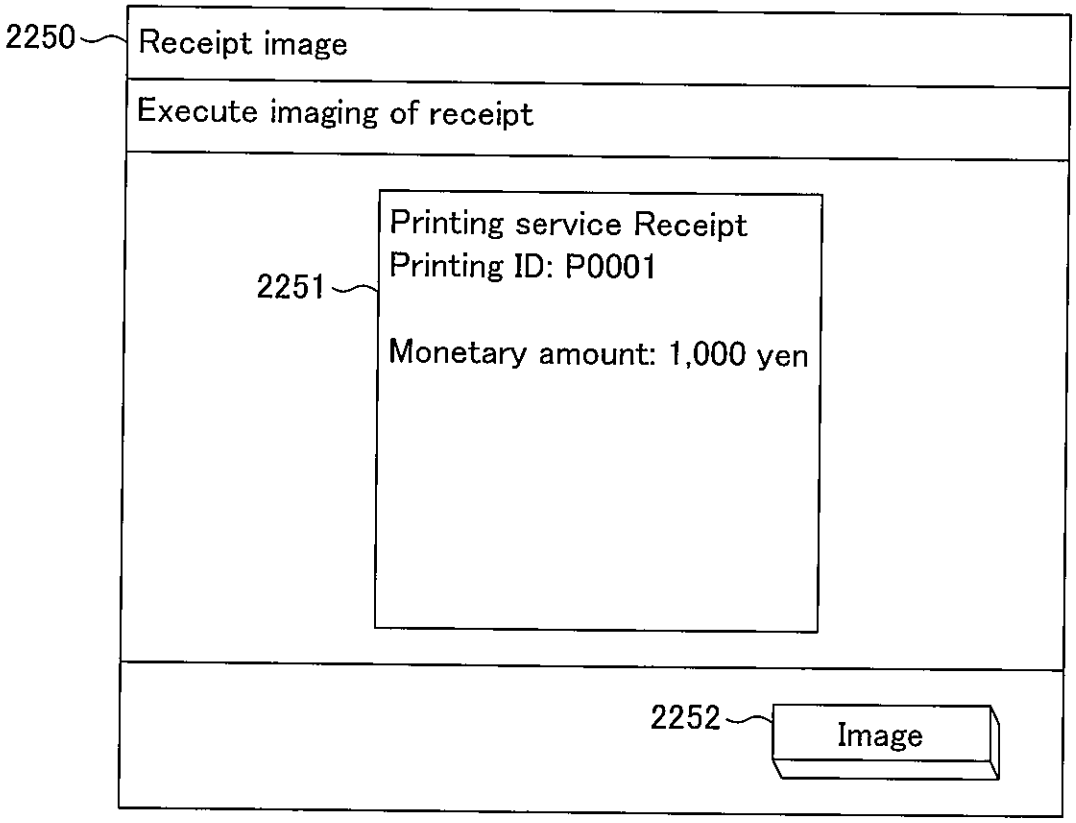
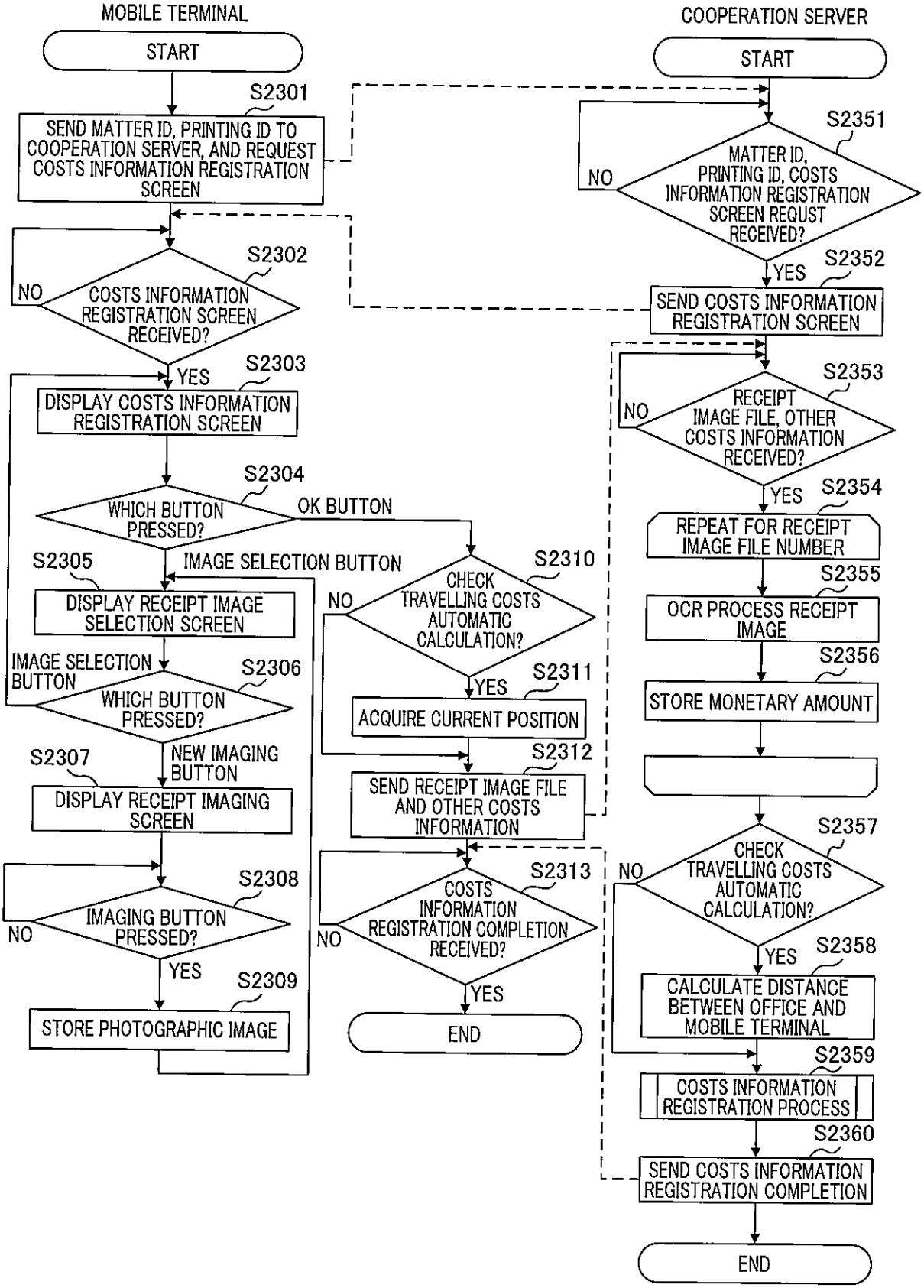


FIG. 24


MOBILE TERMINAL
START
S2301
SEND MATTER ID, PRINTING ID TO COOPERATION SERVER, AND REQUEST COSTS INFORMATION REGISTRATION SCREEN
S2302
NO
COSTS INFORMATION REGISTRATION SCREEN RECEIVED?
YES
S2303
DISPLAY COSTS INFORMATION REGISTRATION SCREEN
S2304
WHICH BUTTON PRESSED?
OK BUTTON
IMAGE SELECTION BUTTON
S2305
DISPLAY RECEIPT IMAGE SELECTION SCREEN
IMAGE SELECTION BUTTON
S2306
WHICH BUTTON PRESSED?
NEW IMAGING BUTTON
S2307
DISPLAY RECEIPT IMAGING SCREEN
S2308
NO
IMAGING BUTTON PRESSED?
YES
S2309
STORE PHOTOGRAPHIC IMAGE
S2310
NO
CHECK TRAVELLING COSTS AUTOMATIC CALCULATION?
YES
S2311
ACQUIRE CURRENT POSITION
S2312
SEND RECEIPT IMAGE FILE AND OTHER COSTS INFORMATION
S2313
NO
COSTS INFORMATION REGISTRATION COMPLETION RECEIVED?
YES
END
COOPERATION SERVER
START
S2351
NO
MATTER ID, PRINTING ID, COSTS INFORMATION REGISTRATION SCREEN REQUST RECEIVED?
YES
S2352
SEND COSTS INFORMATION REGISTRATION SCREEN
S2353
NO
RECEIPT IMAGE FILE, OTHER COSTS INFORMATION RECEIVED?
YES
S2354
REPEAT FOR RECEIPT IMAGE FILE NUMBER
S2355
OCR PROCESS RECEIPT IMAGE
S2356
STORE MONETARY AMOUNT
S2357
NO
CHECK TRAVELLING COSTS AUTOMATIC CALCULATION?
YES
S2358
CALCULATE DISTANCE BETWEEN OFFICE AND MOBILE TERMINAL
S2359
COSTS INFORMATION REGISTRATION PROCESS
S2360
SEND COSTS INFORMATION REGISTRATION COMPLETION
END