FIG. 1

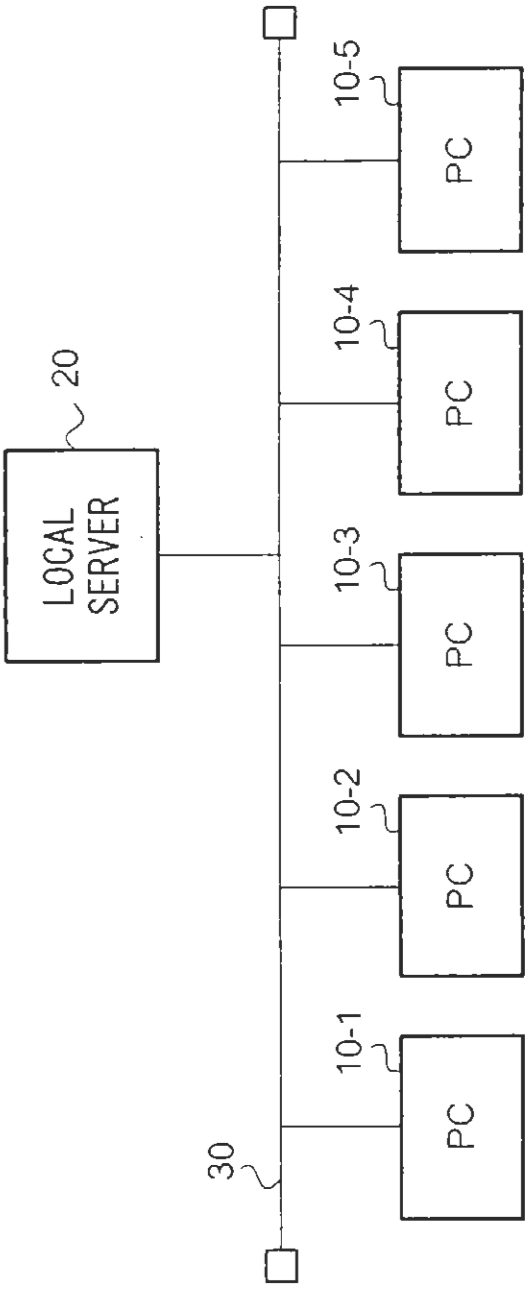


FIG. 2

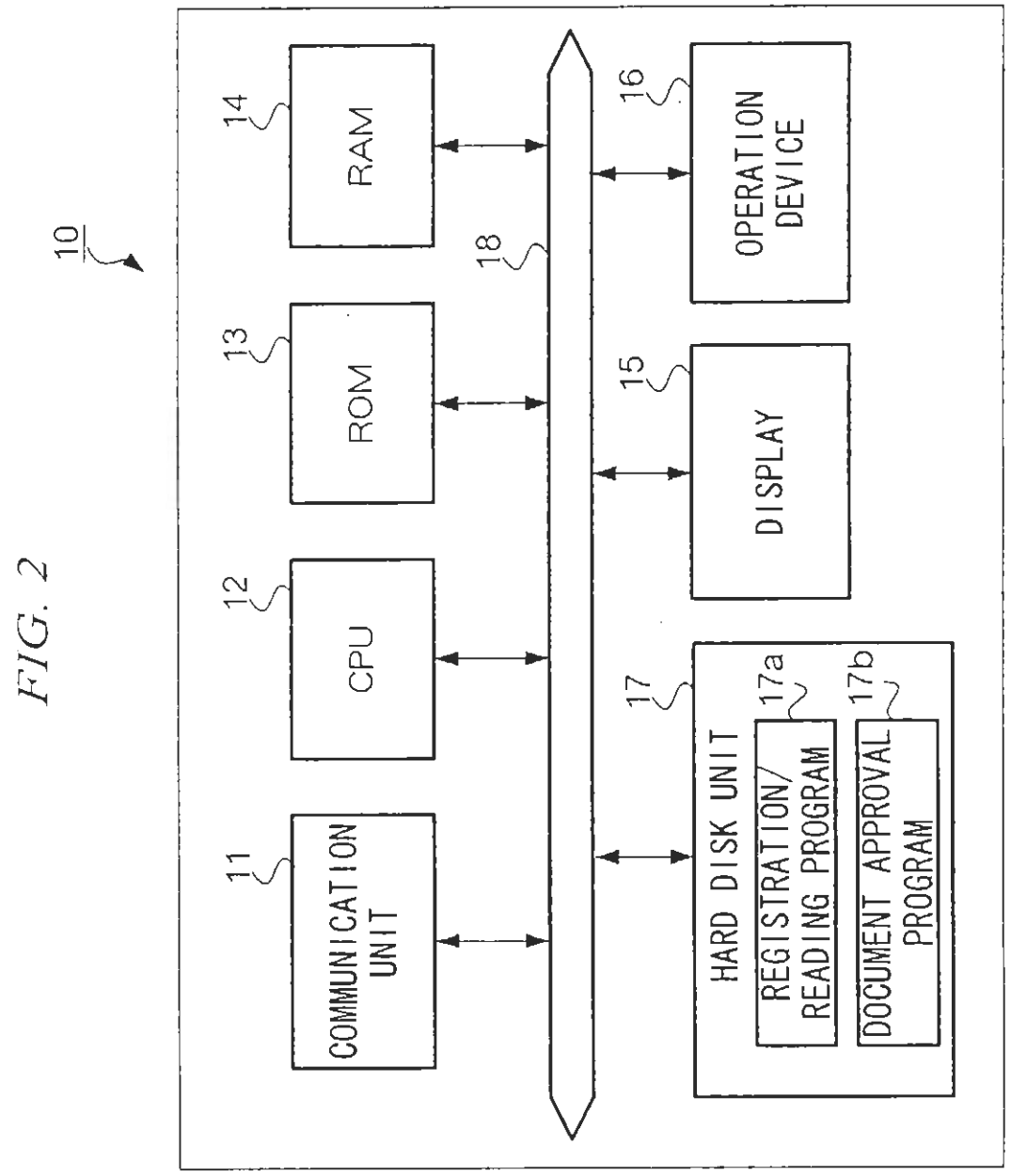

10
11
COMMUNICATION UNIT
12
CPU
13
ROM
14
RAM
15
DISPLAY
16
OPERATION DEVICE
17
HARD DISK UNIT
17a
REGISTRATION/ READING PROGRAM
17b
DOCUMENT APPROVAL PROGRAM
18

FIG. 3

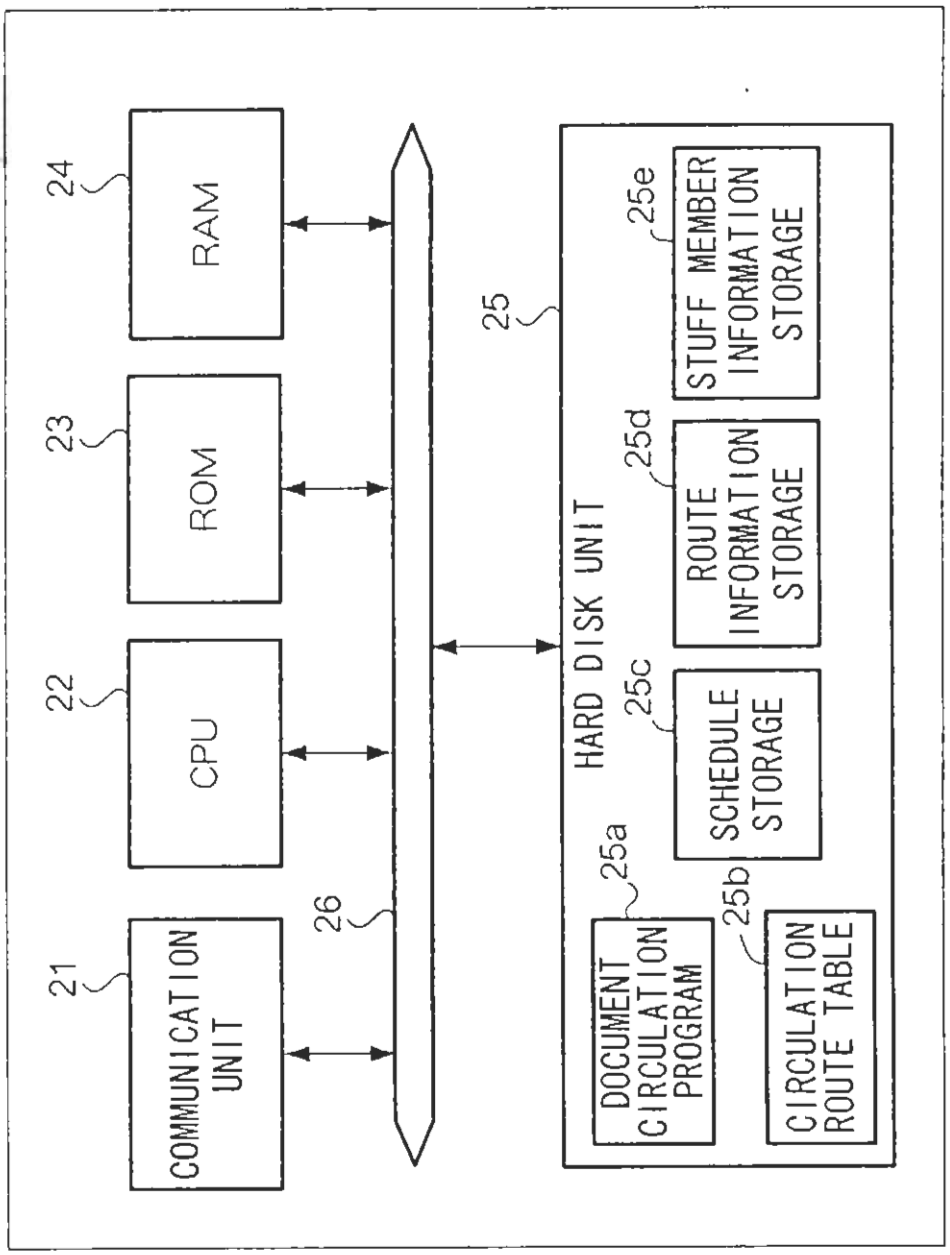

20
21
COMMUNICATION UNIT
22
CPU
23
ROM
24
RAM
26
25
HARD DISK UNIT
25a
DOCUMENT CIRCULATION PROGRAM
25b
CIRCULATION ROUTE TABLE
25c
SCHEDULE STORAGE
25d
ROUTE INFORMATION STORAGE
25e
STUFF MEMBER INFORMATION STORAGE

FIG. 4

STUFF MEMBER CODE : E0001			
SCHEDULE CODE	PLANNED TIME AND DATE	PLANNED PLACE	SCHEDULE CONTENT
E0001-N0001	2000.4.25-10:00~12:00	HEAD OFFICE	PROJECT MEETING
E0001-N0002	2000.4.25-13:00~14:00	TOKYO OFFICE	MEETING FOR NEW PRODUCT
E0001-N0003	2000.4.25-15:00~17:00	YOKOHAMA OFFICE	MEETING FOR NEW PRODUCT
. . .	. . .	. . .	. . .
. . .	. . .	. . .	. . .
. . .	. . .	. . .	. . .
. . .	. . .	. . .	. . .
. . .	. . .	. . .	. . .

STUFF MEMBER CODE : E0002			
SCHEDULE CODE	PLANNED DATE	PLANNED PLACE	SCHEDULE CONTENT
E0002-N0001	. . .	. . .	. . .
E0002-N0002	. . .	. . .	. . .
E0002-N0003	. . .	. . .	. . .
. . .	. . .	. . .	. . .
. . .	. . .	. . .	. . .

STUFF MEMBER CODE : E0003			
SCHEDULE CODE	PLANNED DATE	PLANNED PLACE	SCHEDULE CONTENT
E0003-N0001	. . .	. . .	. . .
E0003-N0002	. . .	. . .	. . .
E0003-N0003	. . .	. . .	. . .
. . .	. . .	. . .	. . .
. . .	. . .	. . .	. . .

FIG. 5

DOCUMENT CODE	DOCUMENT NAME			ROUTE INFORMATION		
		1	2	3	4	5
DOC0001	APPLICATION FOR TRAFFIC EXPENSES	P01 (PERSON IN CHARGE)	P03 (SECTION MANAGER)	P04 (ASSISTANT MANAGER)	P05 (DEPARTMENT MANAGER)	— —
DOC0002	APPLICATION FOR SOCIAL EXPENSES/MEETING EXPENSES	P01 (PERSON IN CHARGE)	P03 (SECTION MANAGER)	P04 (ASSISTANT MANAGER)	— —	— —
DOC0003	APPLICATION FOR PERMISSION OF OVERTIME WORK	P01 (PERSON IN CHARGE)	P03 (SECTION MANAGER)	P04 (ASSISTANT MANAGER)	— —	— —
DOC0004	APPLICATION FOR DAY OFF	P01 (PERSON IN CHARGE)	P02 (SUBSECTION MANAGER)	P03 (SECTION MANAGER)	P04 (ASSISTANT MANAGER)	P05 (DEPARTMENT MANAGER)
. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .	. . . . .

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FIG. 6

STUFF MEMBER CODE	NAME	DEPARTMENT CODE	SECTION CODE	MANAGERIAL POST CODE
E0001	A	D01 (BUSINESS DEPARTMENT)	S01 (FIRST SALES SECTION)	P01 (PERSON IN CHARGE)
E0002	B	D01	S01	P02 (SUBSECTION MANAGER)
E0003	C	D01	S01	P03 (SECTION MANAGER)
E0004	D	D01	−−	P04 (ASSISTANT MANAGER)
E0005	E	D01	−−	P05 (DEPARTMENT MANAGER)
.....	.....	.....	.....	.....
.....	.....	.....	.....	.....
.....	.....	.....	.....	.....
.....	.....	.....	.....	.....

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FIG. 7

SCHEDULE CODE	DOCUMENT CODE	CIRCULATION ROUTE AND APPROVAL CONDITION	CURRENT CIRCULATED DESTINATION	APPROVAL CONDITION
E0001-N0001	DOC0001	E0001→E0003→E0004→E0005	E0004	1/3
	DOC0002	E0001→E0003→E0004	E0004	1/2
E0002-N0023	DOC0003	E0015→E0142→E0356→E0582	E0582	2/3
E0002-N0024	DOC0025	E0098→E0220	E0220	1/1
	DOC0101	E0098→E0220→E0485→E0652	E0652	2/3
. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
. . . . .	. . . . .	. . . . .	. . . . .	. . . . .
. . . . .	. . . . .	. . . . .	. . . . .	. . . . .

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FIG. 8

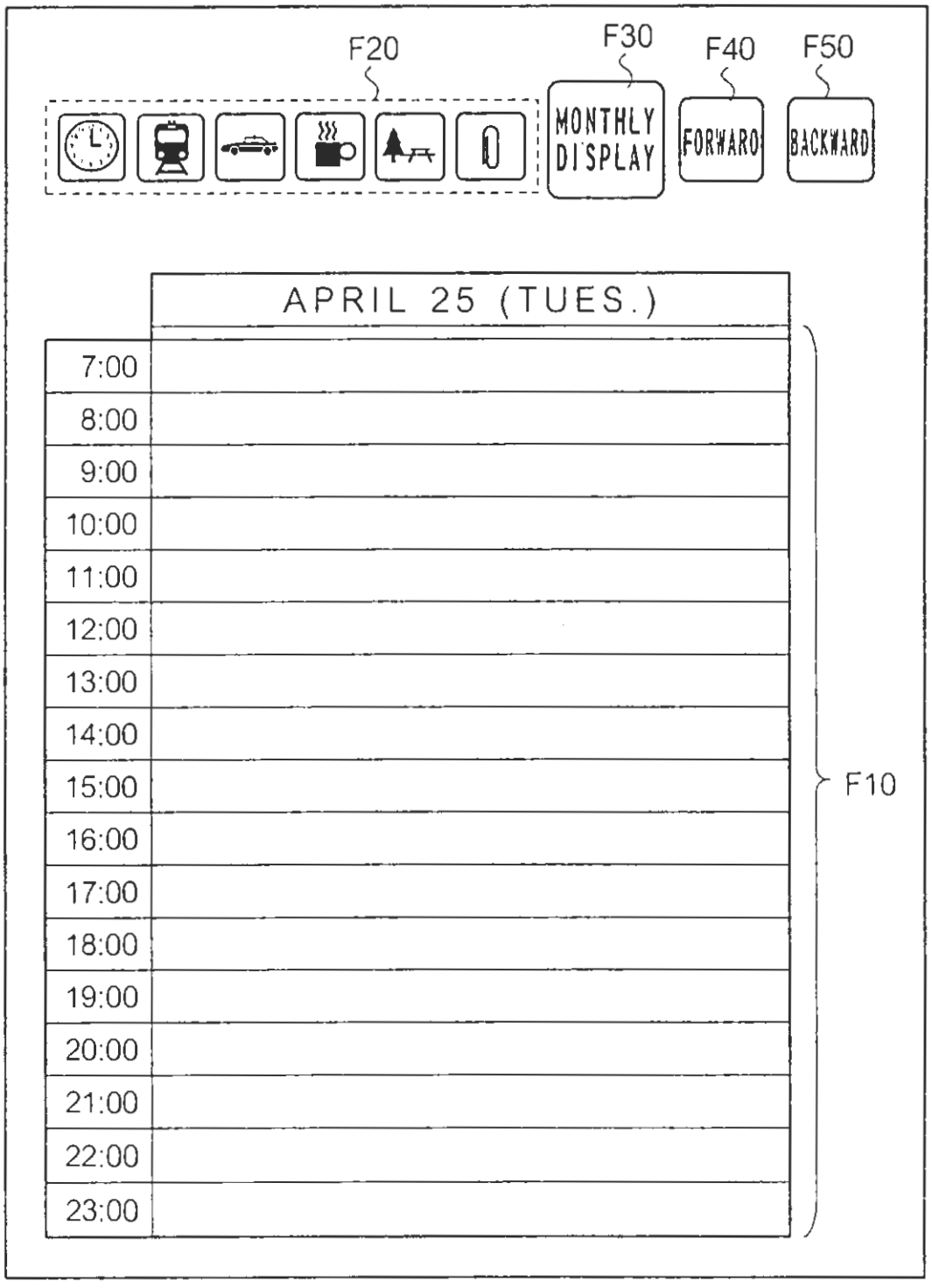

F20
F30
F40
F50
MONTHLY DISPLAY
FORWARD
BACKWARD
APRIL 25 (TUES.)
7:00
8:00
9:00
10:00
11:00
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
20:00
21:00
22:00
23:00
F10

FIG. 9

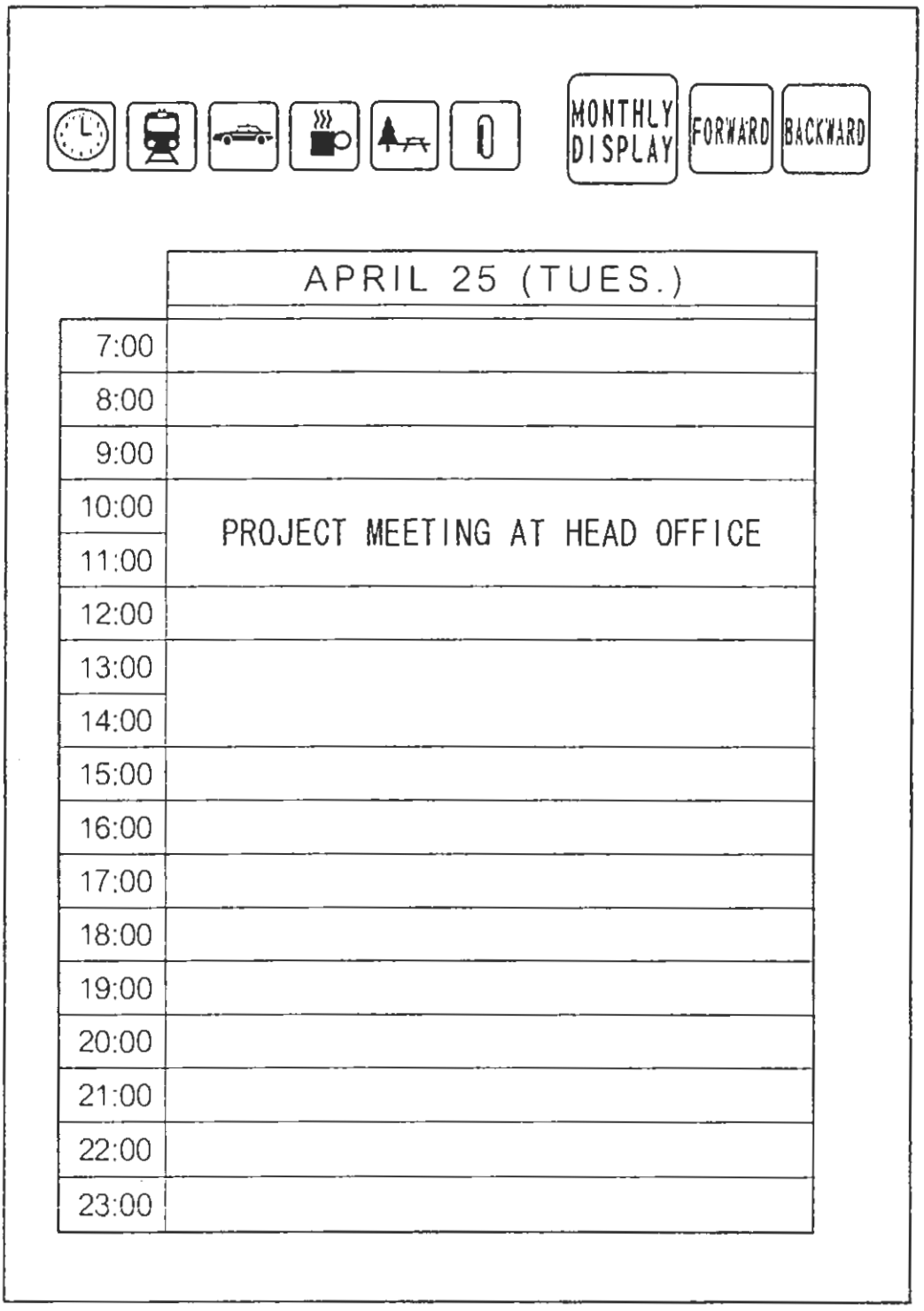

MONTHLY DISPLAY
FORWARD
BACKWARD
APRIL 25 (TUES.)
7:00
8:00
9:00
10:00
11:00
PROJECT MEETING AT HEAD OFFICE
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
20:00
21:00
22:00
23:00

FIG. 10A

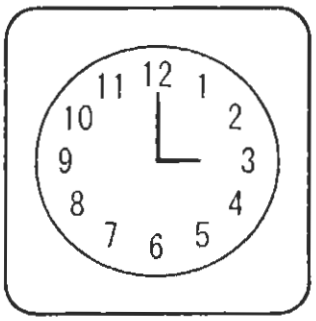


FIG. 10D



FIG. 10B



FIG. 10E



FIG. 10C



FIG. 10F

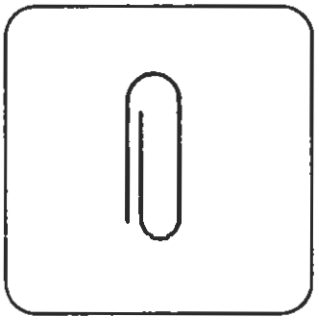


FIG. 11

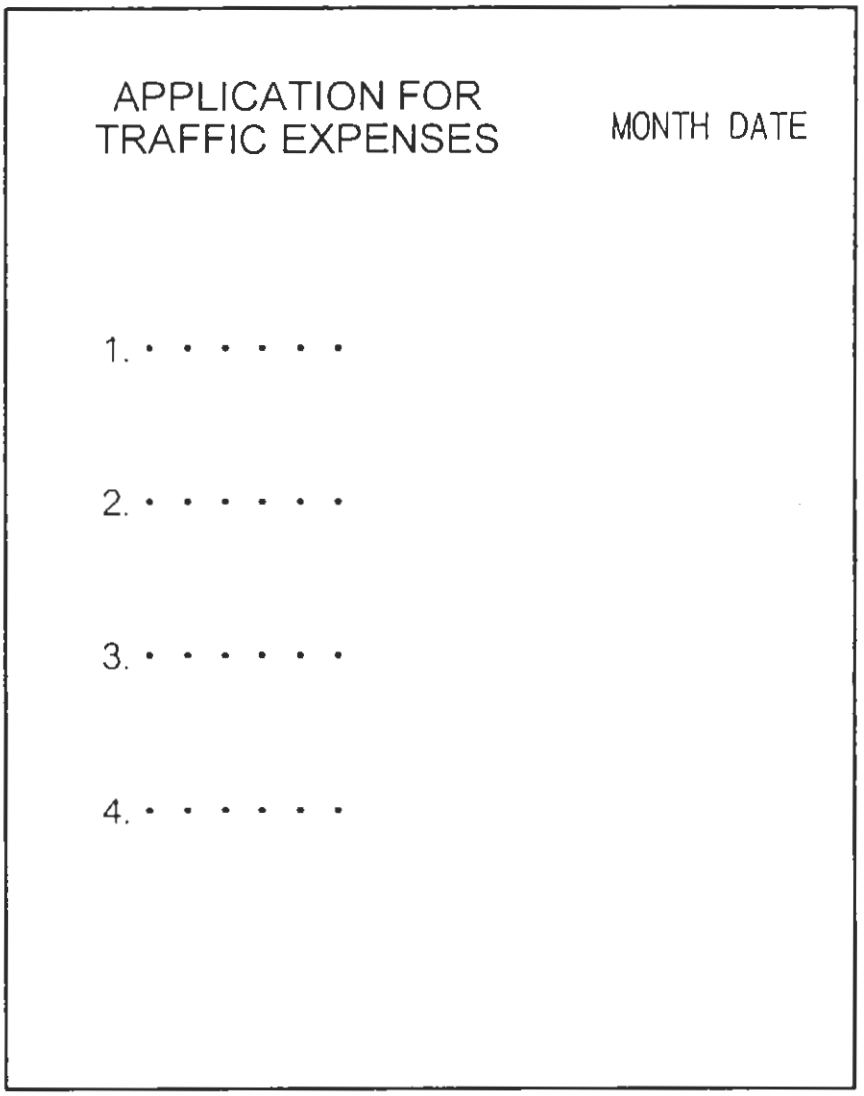


FIG. 12

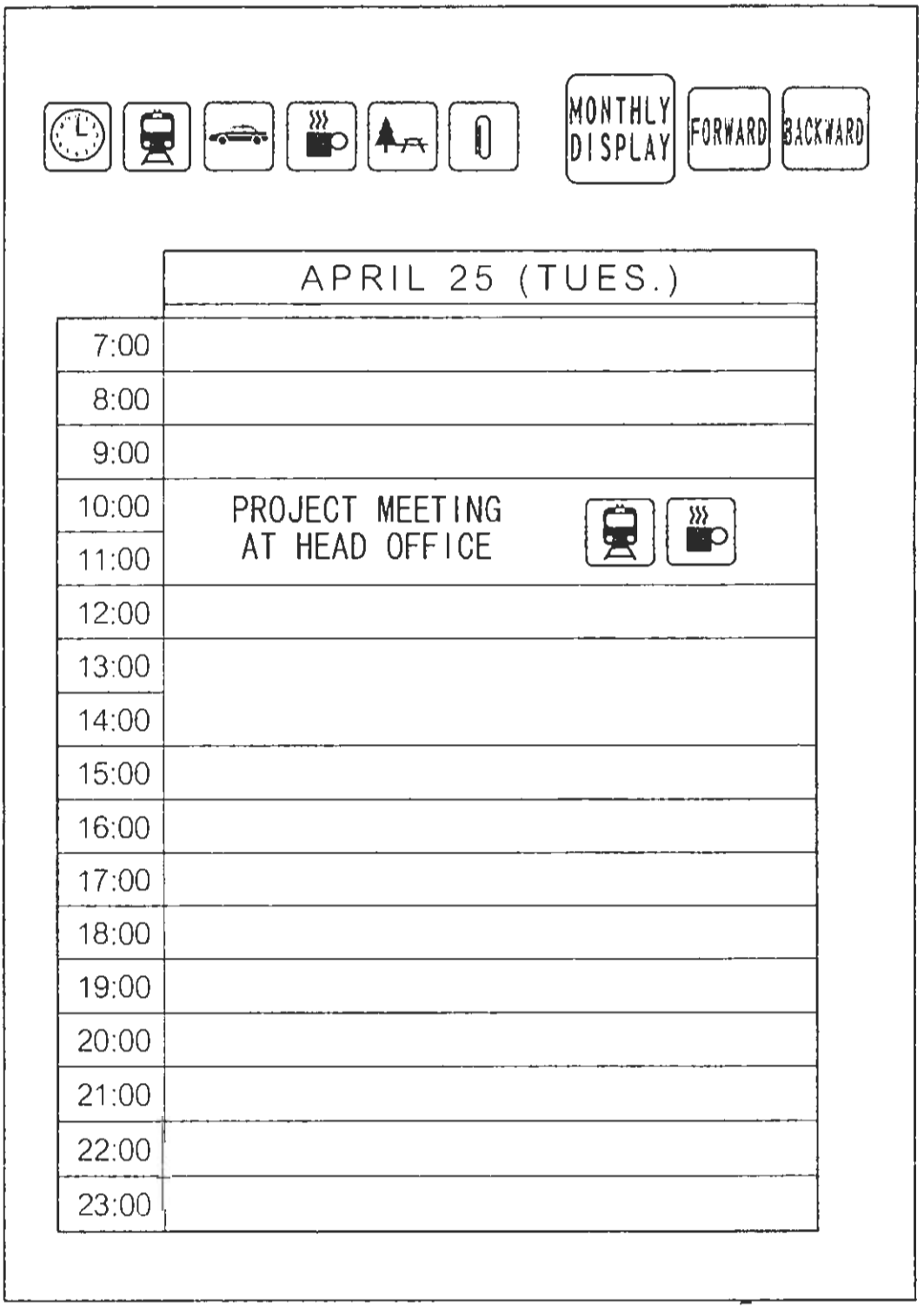

MONTHLY DISPLAY
FORWARD
BACKWARD
APRIL 25 (TUES.)
7:00
8:00
9:00
10:00
11:00
PROJECT MEETING AT HEAD OFFICE
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
20:00
21:00
22:00
23:00

FIG. 13

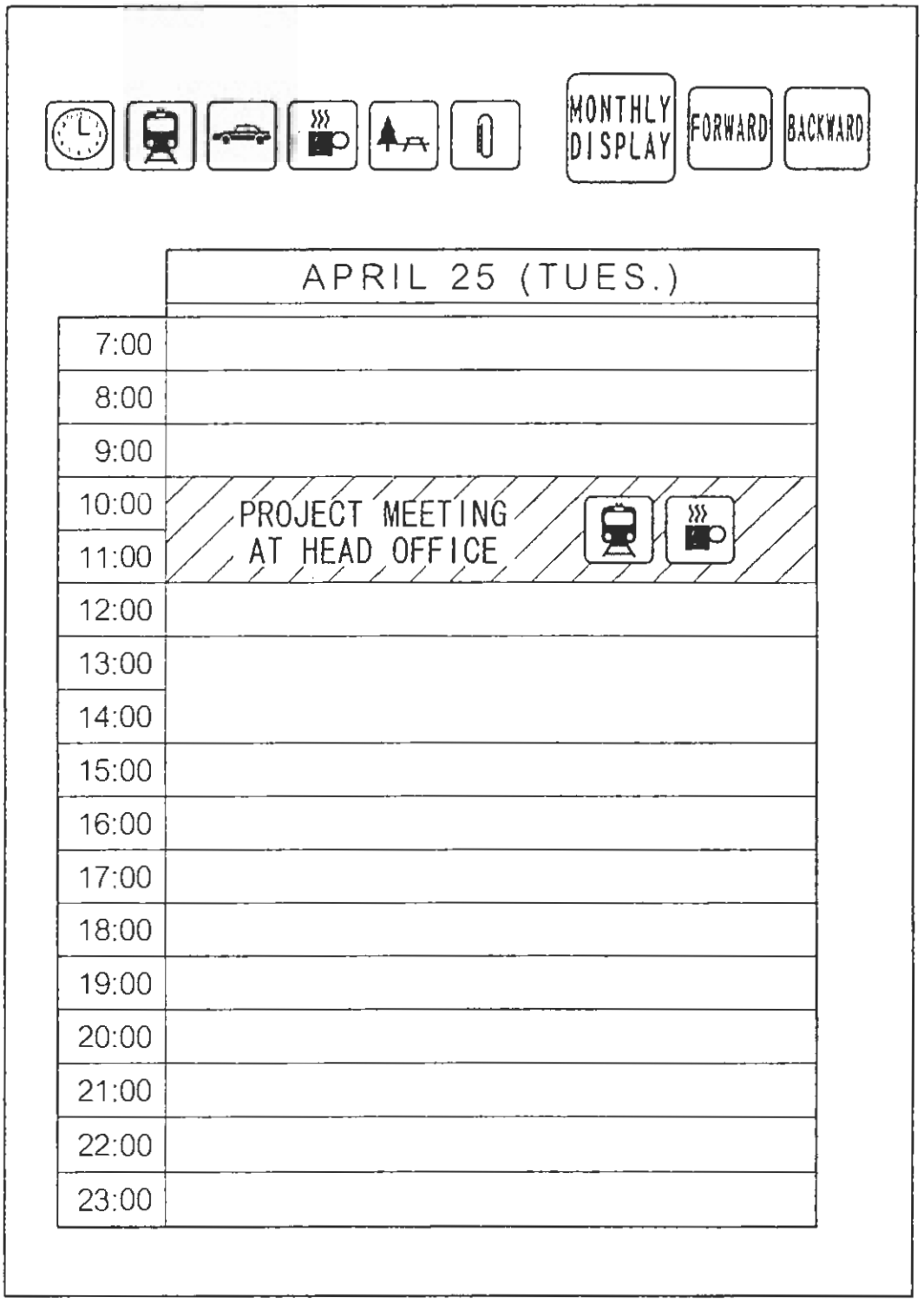

MONTHLY DISPLAY
FORWARD
BACKWARD
APRIL 25 (TUES.)
7:00
8:00
9:00
10:00
11:00
PROJECT MEETING AT HEAD OFFICE
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
20:00
21:00
22:00
23:00

FIG. 14

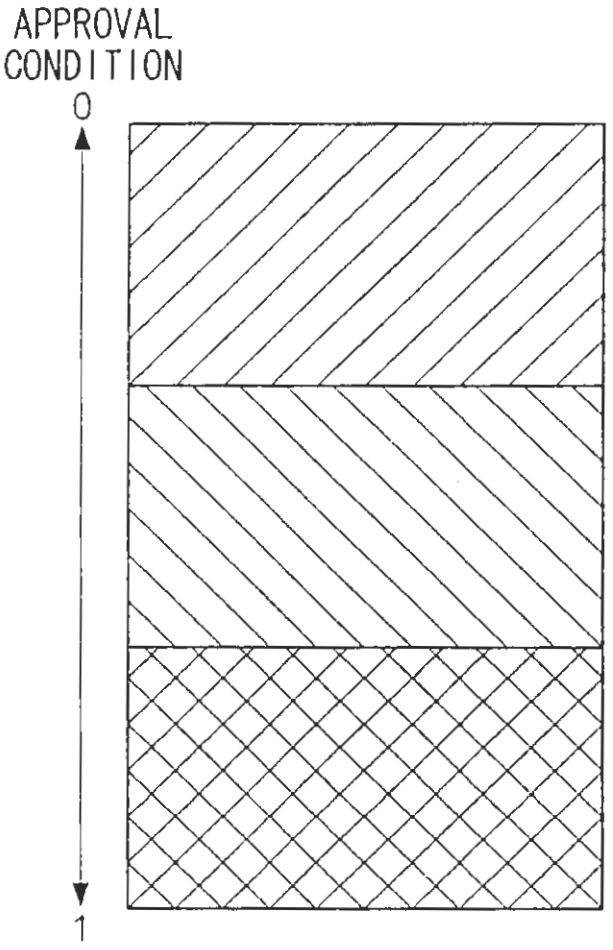


FIG. 15

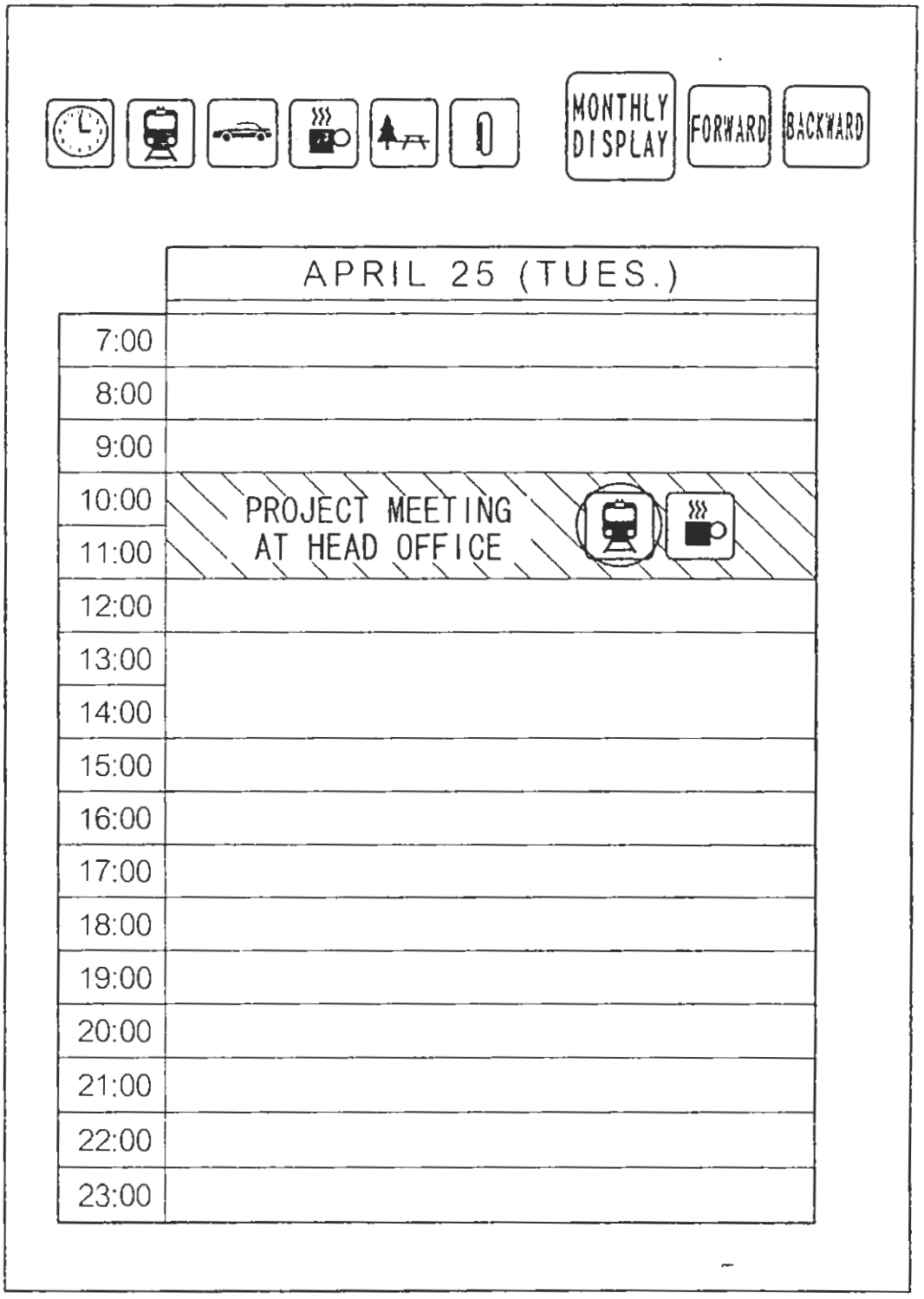

MONTHLY DISPLAY
FORWARD
BACKWARD
APRIL 25 (TUES.)
7:00
8:00
9:00
10:00
11:00
PROJECT MEETING AT HEAD OFFICE
12:00
13:00
14:00
15:00
16:00
17:00
18:00
19:00
20:00
21:00
22:00
23:00

FIG. 16

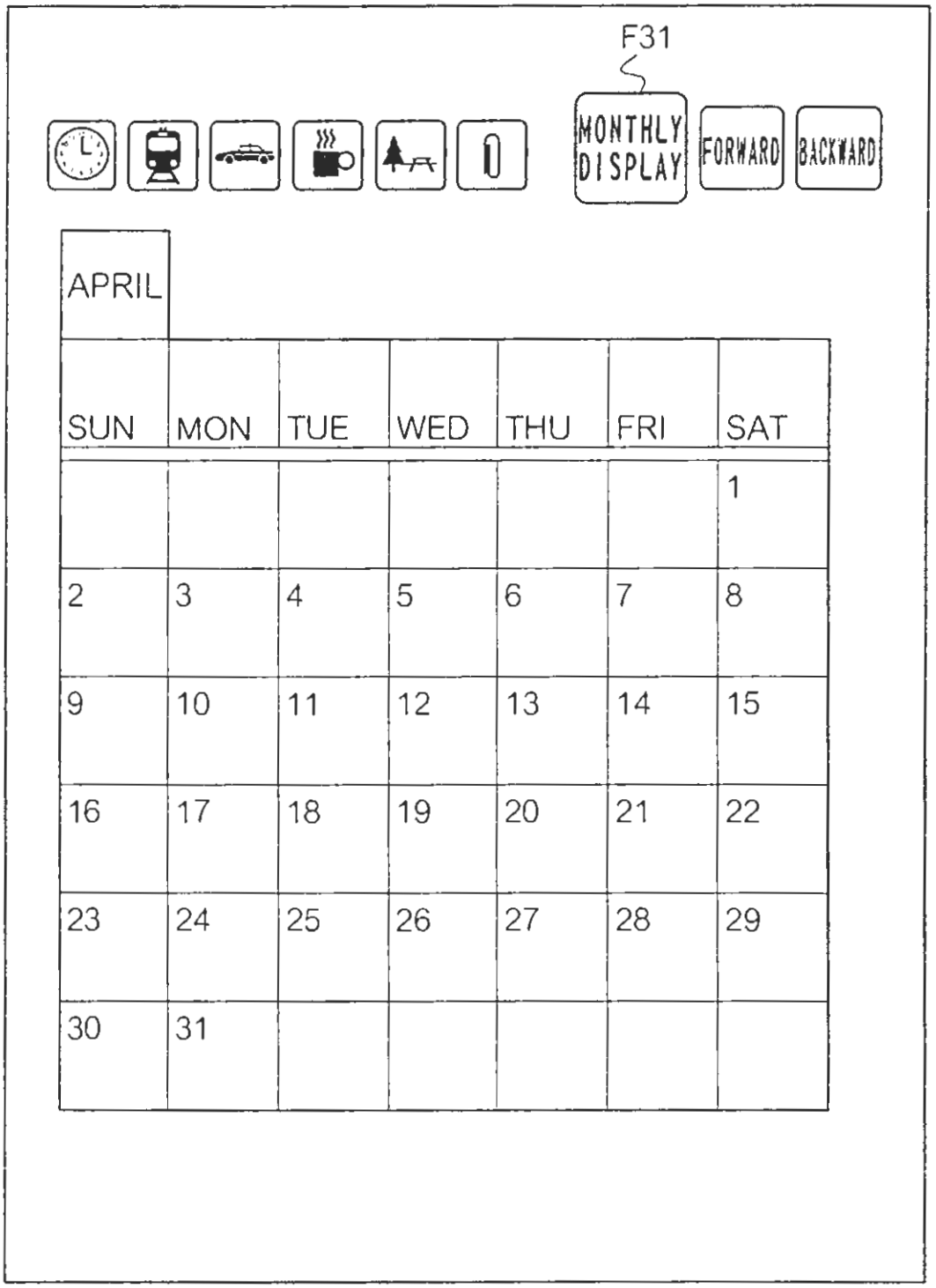

F31
MONTHLY DISPLAY
FORWARD
BACKWARD
APRIL
SUN MON TUE WED THU FRI SAT
1
2 3 4 5 6 7 8
9 10 11 12 13 14 15
16 17 18 19 20 21 22
23 24 25 26 27 28 29
30 31

FIG. 17

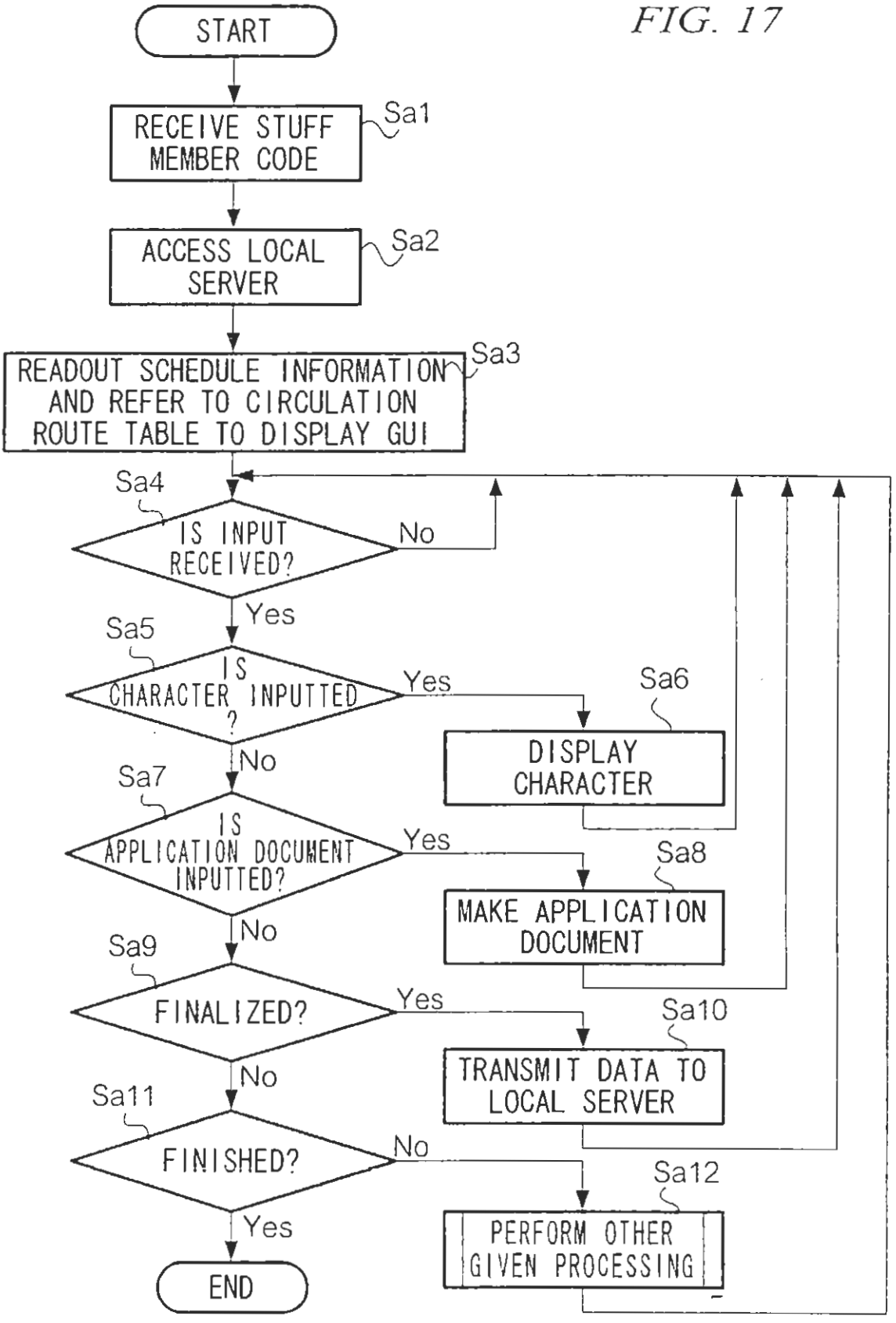

START
RECEIVE STUFF MEMBER CODE
Sa1
ACCESS LOCAL SERVER
Sa2
READOUT SCHEDULE INFORMATION AND REFER TO CIRCULATION ROUTE TABLE TO DISPLAY GUI
Sa3
Sa4
IS INPUT RECEIVED?
No
Yes
Sa5
IS CHARACTER INPUTTED ?
Yes
Sa6
DISPLAY CHARACTER
No
Sa7
IS APPLICATION DOCUMENT INPUTTED?
Yes
Sa8
MAKE APPLICATION DOCUMENT
No
Sa9
FINALIZED?
Yes
Sa10
TRANSMIT DATA TO LOCAL SERVER
No
Sa11
FINISHED?
No
Sa12
PERFORM OTHER GIVEN PROCESSING
Yes
END

FIG. 18

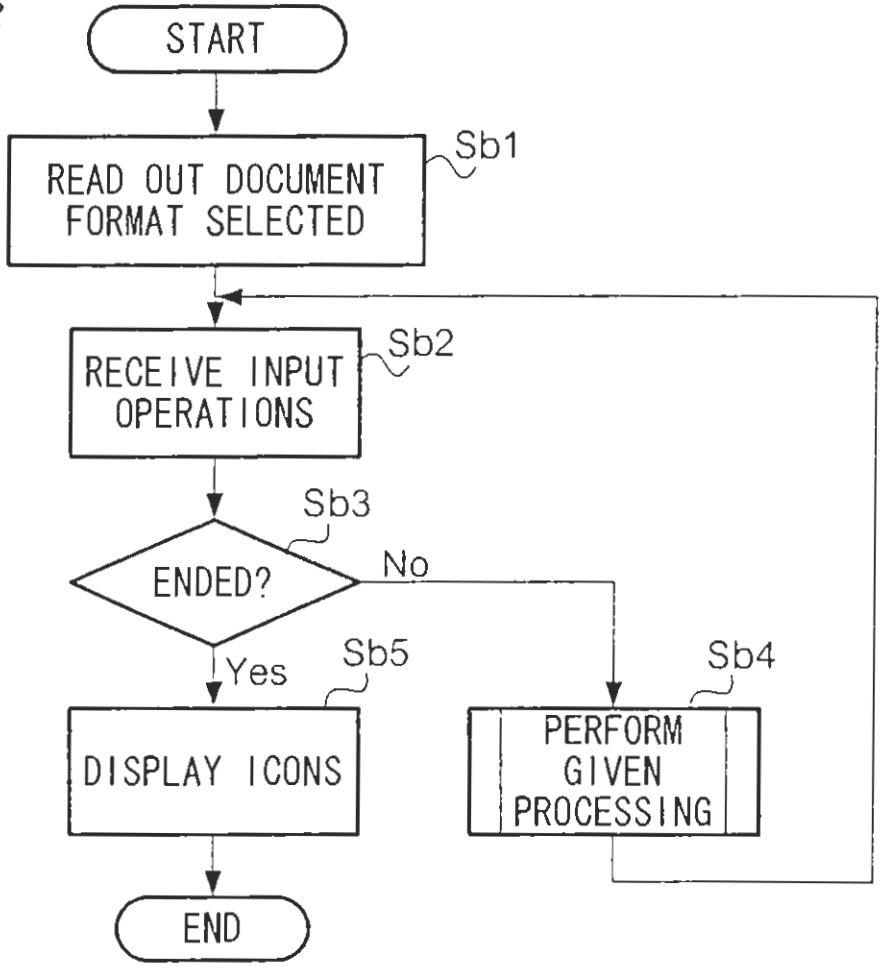

START
READ OUT DOCUMENT FORMAT SELECTED
Sb1
RECEIVE INPUT OPERATIONS
Sb2
Sb3
ENDED?
No
Yes
Sb5
Sb4
DISPLAY ICONS
PERFORM GIVEN PROCESSING
END

FIG. 19

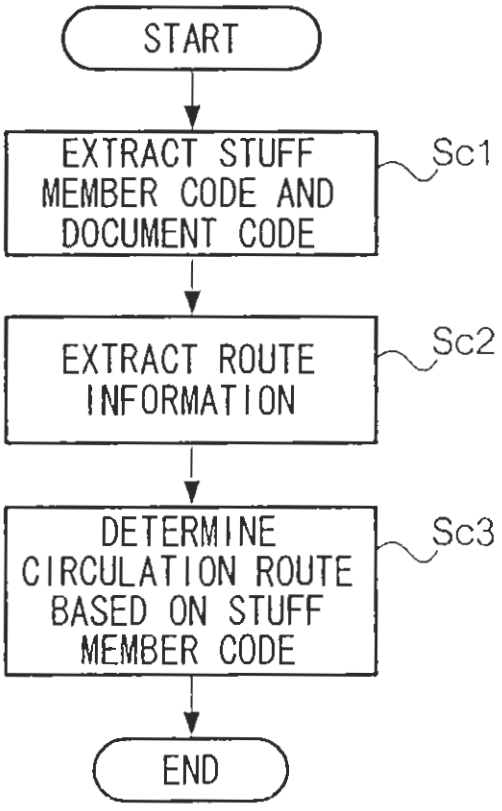

START
EXTRACT STUFF MEMBER CODE AND DOCUMENT CODE
Sc1
EXTRACT ROUTE INFORMATION
Sc2
DETERMINE CIRCULATION ROUTE BASED ON STUFF MEMBER CODE
Sc3
END

FIG. 20

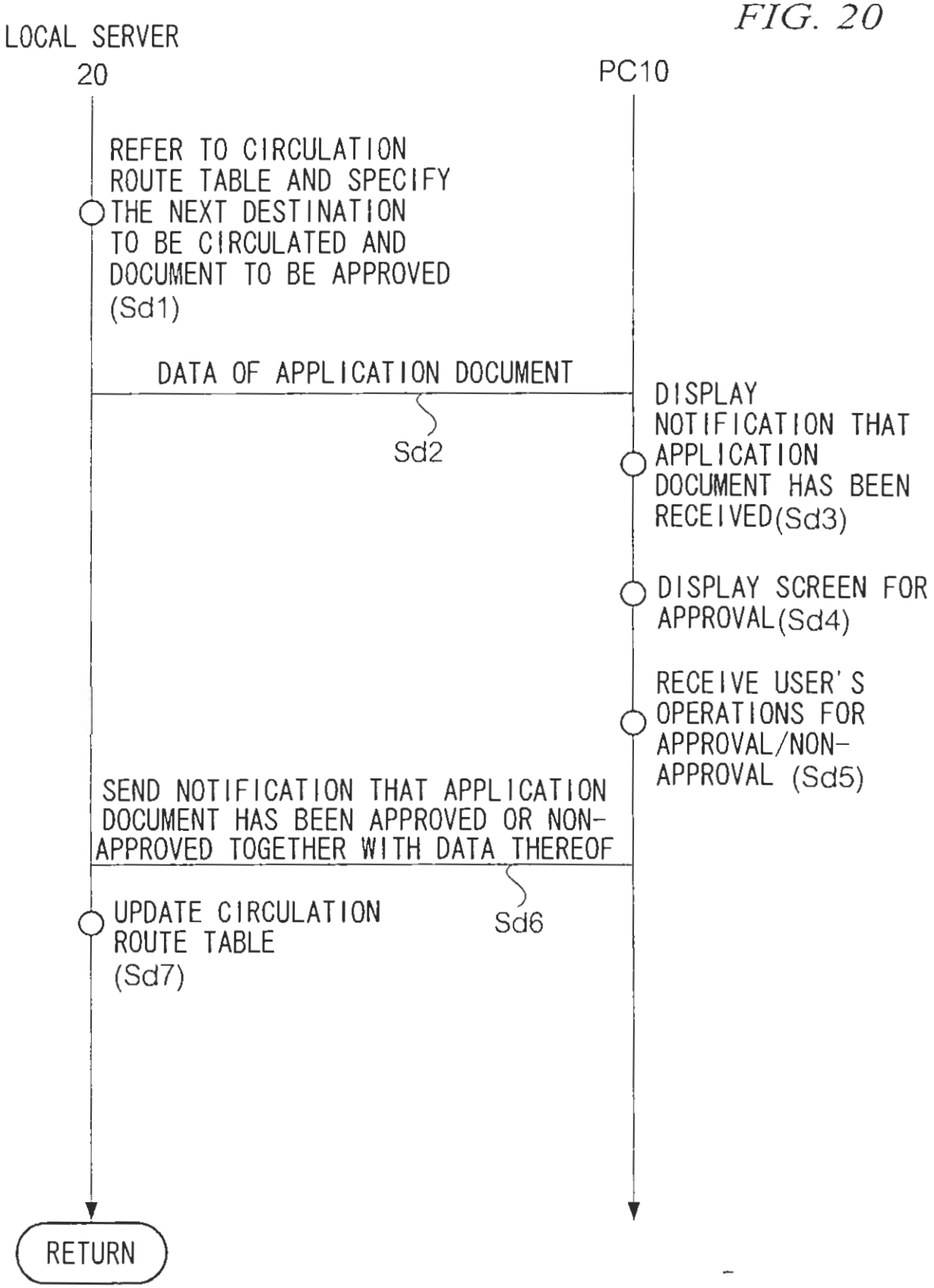
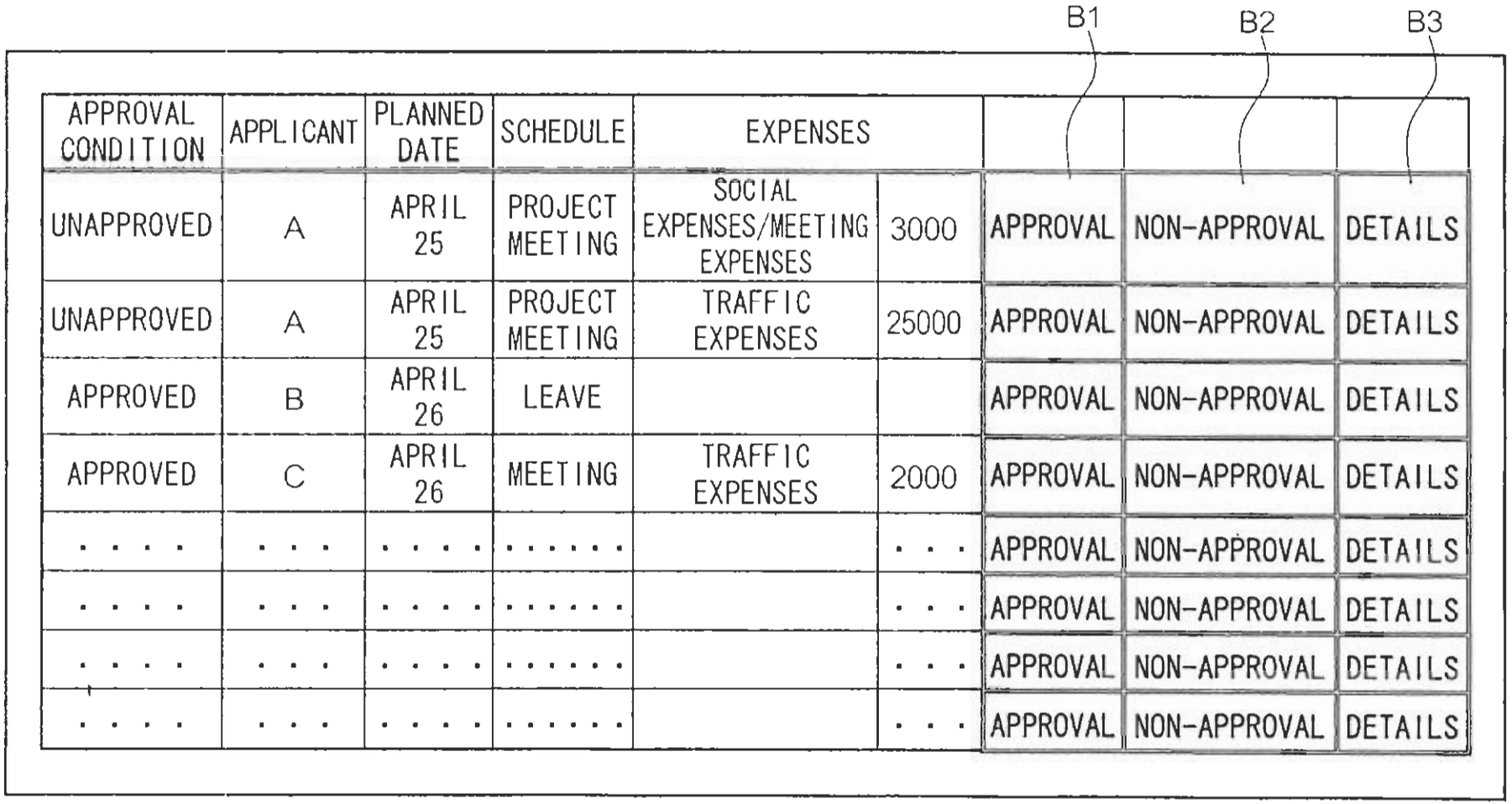

LOCAL SERVER
20
PC10
REFER TO CIRCULATION ROUTE TABLE AND SPECIFY THE NEXT DESTINATION TO BE CIRCULATED AND DOCUMENT TO BE APPROVED (Sd1)
DATA OF APPLICATION DOCUMENT
Sd2
DISPLAY NOTIFICATION THAT APPLICATION DOCUMENT HAS BEEN RECEIVED (Sd3)
DISPLAY SCREEN FOR APPROVAL (Sd4)
RECEIVE USER'S OPERATIONS FOR APPROVAL/NON-APPROVAL (Sd5)
SEND NOTIFICATION THAT APPLICATION DOCUMENT HAS BEEN APPROVED OR NON-APPROVED TOGETHER WITH DATA THEREOF
Sd6
UPDATE CIRCULATION ROUTE TABLE (Sd7)
RETURN

FIG. 21



APPROVAL CONDITION	APPLICANT	PLANNED DATE	SCHEDULE	EXPENSES		B1	B2	B3
UNAPPROVED	A	APRIL 25	PROJECT MEETING	SOCIAL EXPENSES/MEETING EXPENSES	3000	APPROVAL	NON-APPROVAL	DETAILS
UNAPPROVED	A	APRIL 25	PROJECT MEETING	TRAFFIC EXPENSES	25000	APPROVAL	NON-APPROVAL	DETAILS
APPROVED	B	APRIL 26	LEAVE			APPROVAL	NON-APPROVAL	DETAILS
APPROVED	C	APRIL 26	MEETING	TRAFFIC EXPENSES	2000	APPROVAL	NON-APPROVAL	DETAILS
. . . .	. . .	. . . .	. . . . .		. . .	APPROVAL	NON-APPROVAL	DETAILS
. . . .	. . .	. . . .	. . . . .		. . .	APPROVAL	NON-APPROVAL	DETAILS
. . . .	. . .	. . . .	. . . . .		. . .	APPROVAL	NON-APPROVAL	DETAILS
. . . .	. . .	. . . .	. . . . .		. . .	APPROVAL	NON-APPROVAL	DETAILS

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