FIG. 1

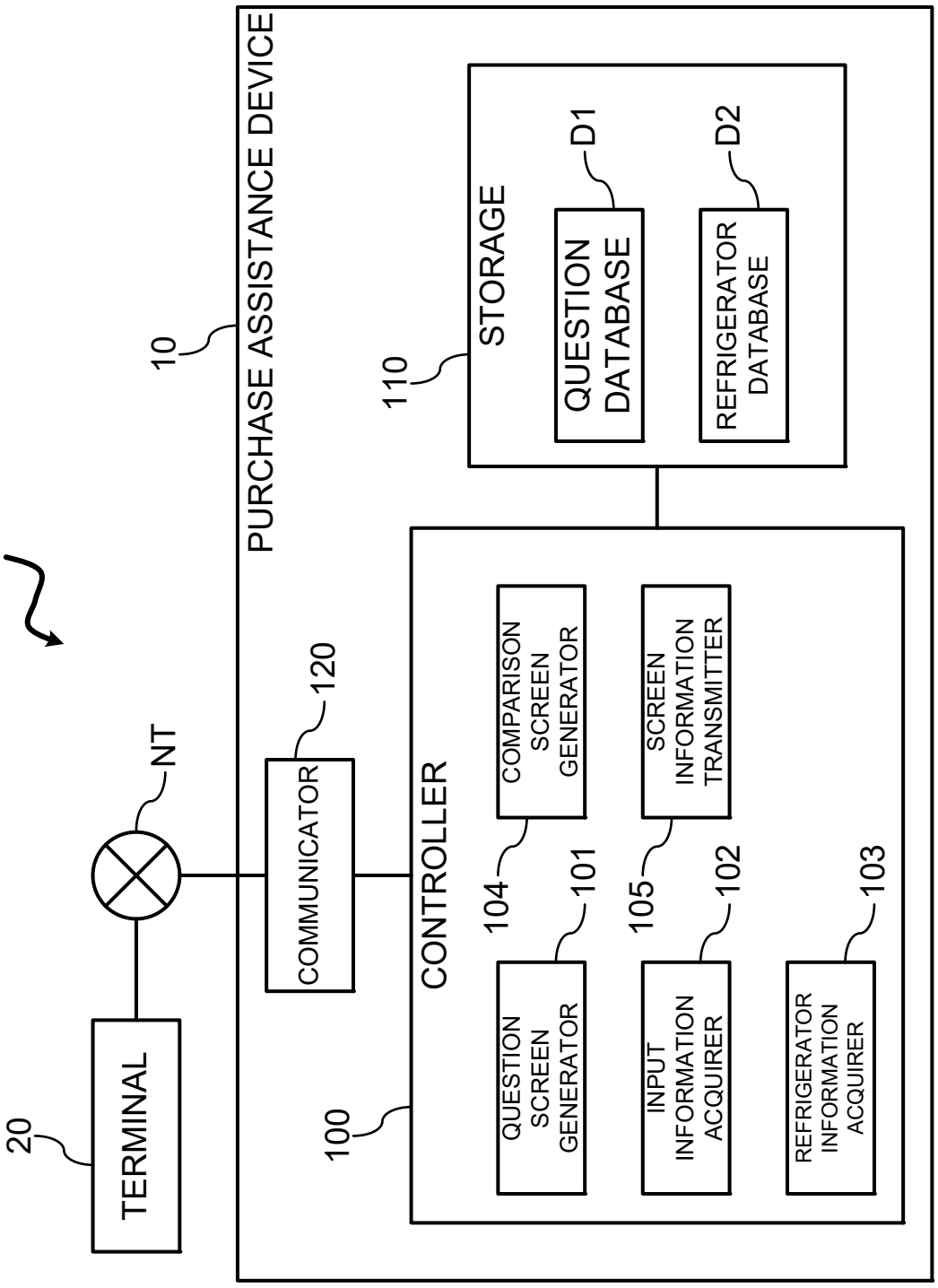

1
PURCHASE ASSISTANCE DEVICE
10
STORAGE
110
QUESTION DATABASE
D1
REFRIGERATOR DATABASE
D2
CONTROLLER
100
COMMUNICATOR
120
NT
TERMINAL
20
COMPARISON SCREEN GENERATOR
104
QUESTION SCREEN GENERATOR
101
SCREEN INFORMATION TRANSMITTER
105
INPUT INFORMATION ACQUIRER
102
REFRIGERATOR INFORMATION ACQUIRER
103

FIG. 2

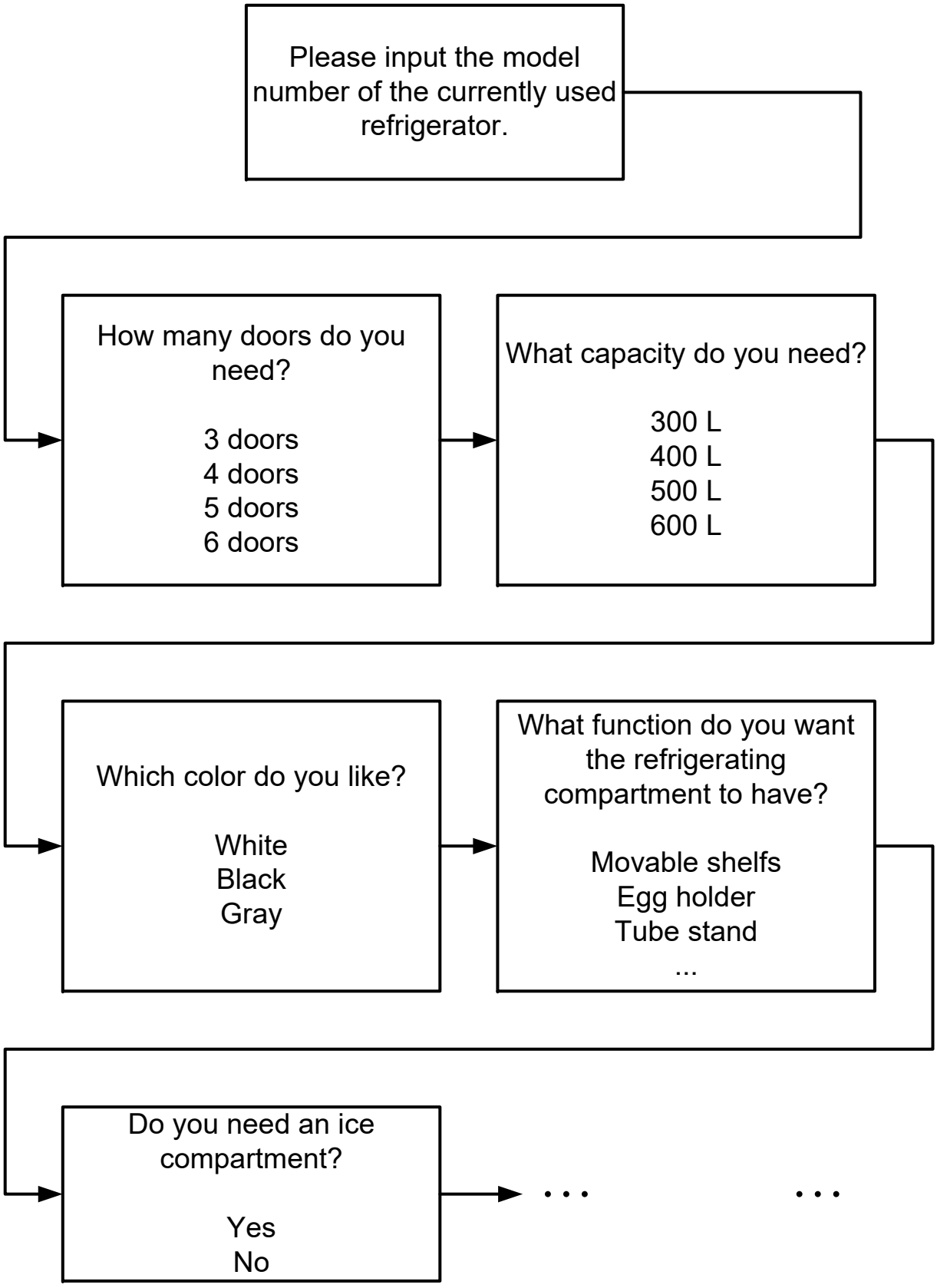

Please input the model number of the currently used refrigerator.
How many doors do you need?
3 doors
4 doors
5 doors
6 doors
What capacity do you need?
300 L
400 L
500 L
600 L
Which color do you like?
White
Black
Gray
What function do you want the refrigerating compartment to have?
Movable shelfs
Egg holder
Tube stand
...
Do you need an ice compartment?
Yes
No
. . .
. . .

FIG. 3

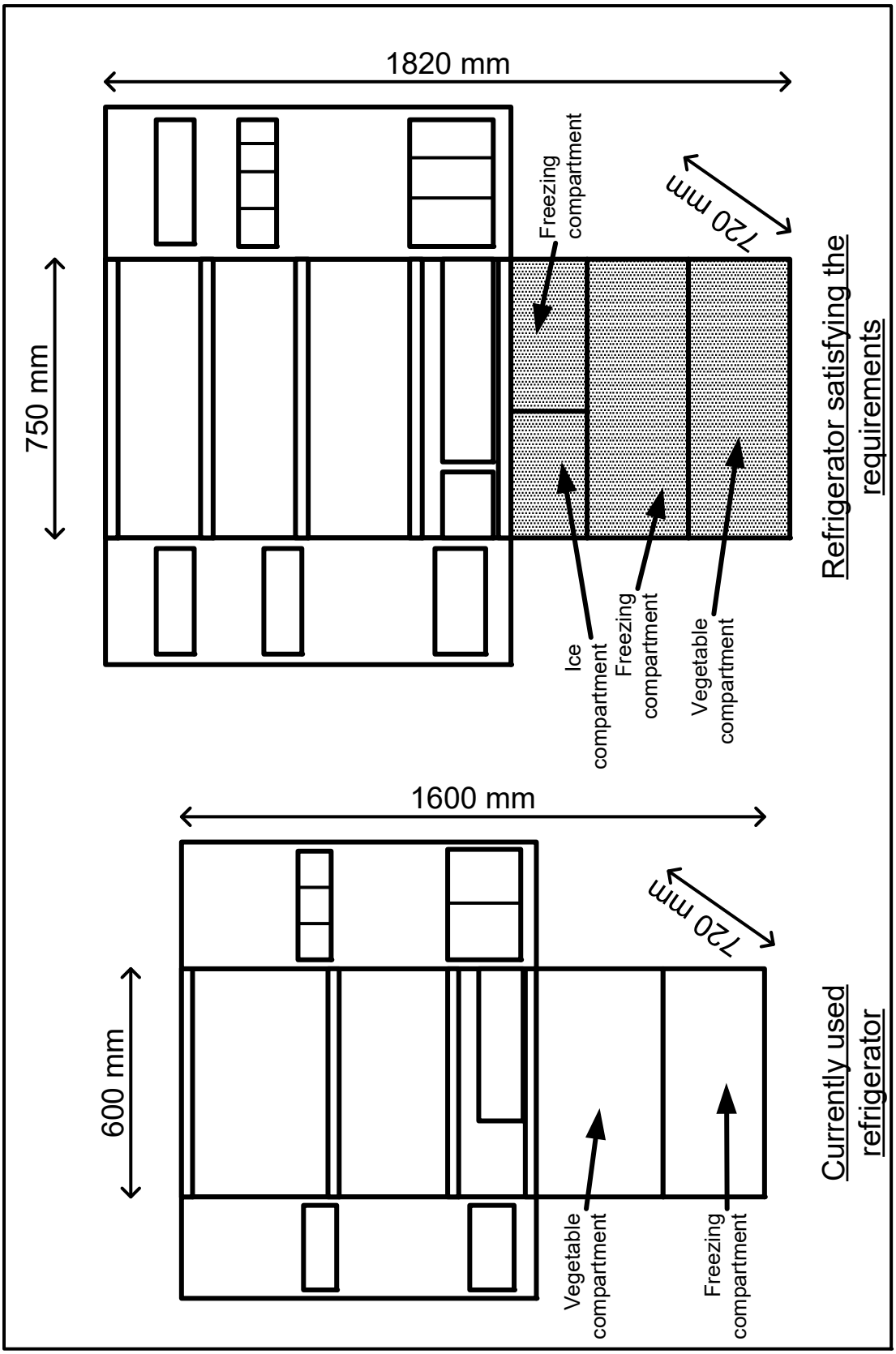

1820 mm
750 mm
720 mm
Freezing compartment
Ice compartment
Freezing compartment
Vegetable compartment
Refrigerator satisfying the requirements
1600 mm
600 mm
720 mm
Vegetable compartment
Freezing compartment
Currently used refrigerator

FIG. 4

REQUIREMENT TYPE	QUESTION CONTENT	OPTION
NUMBER OF DOORS	How many doors do you need?	3 doors/4 doors /5 doors /6 doors
CAPACITY	What capacity do you need?	300 L/400 L/500 L/600 L
COLOR	Which color do you like?	White/Black/Gray
FUNCTIONS OF REFRIGERATING COMPARTMENT	What function do you want the refrigerating compartment to have?	Movable shelfs/Egg holder/Tube stand/...
EXISTENCE OF ICE COMPARTMENT	Do you need an ice compartment?	Yes/No

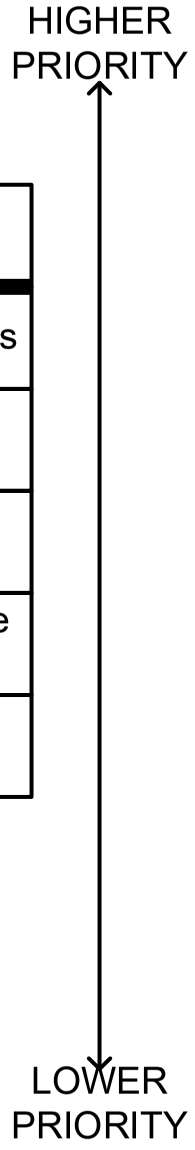


FIG. 5

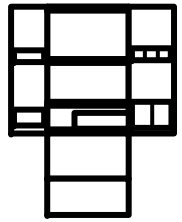
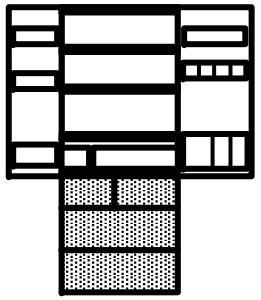
MODEL NUMBER	SPECIFICATION		IMAGE
	TYPE	DETAIL	
XXX-XXXX	NUMBER OF DOORS	4	
	CAPACITY	400 L	
	COLOR	WHITE	
	SIZE	1600x600x720	
	⋮		
YYY-YYYY	NUMBER OF DOORS	6	
	CAPACITY	600 L	
	COLOR	GRAY	
	SIZE	1820x750x720	
	⋮		
⋮			

FIG. 6

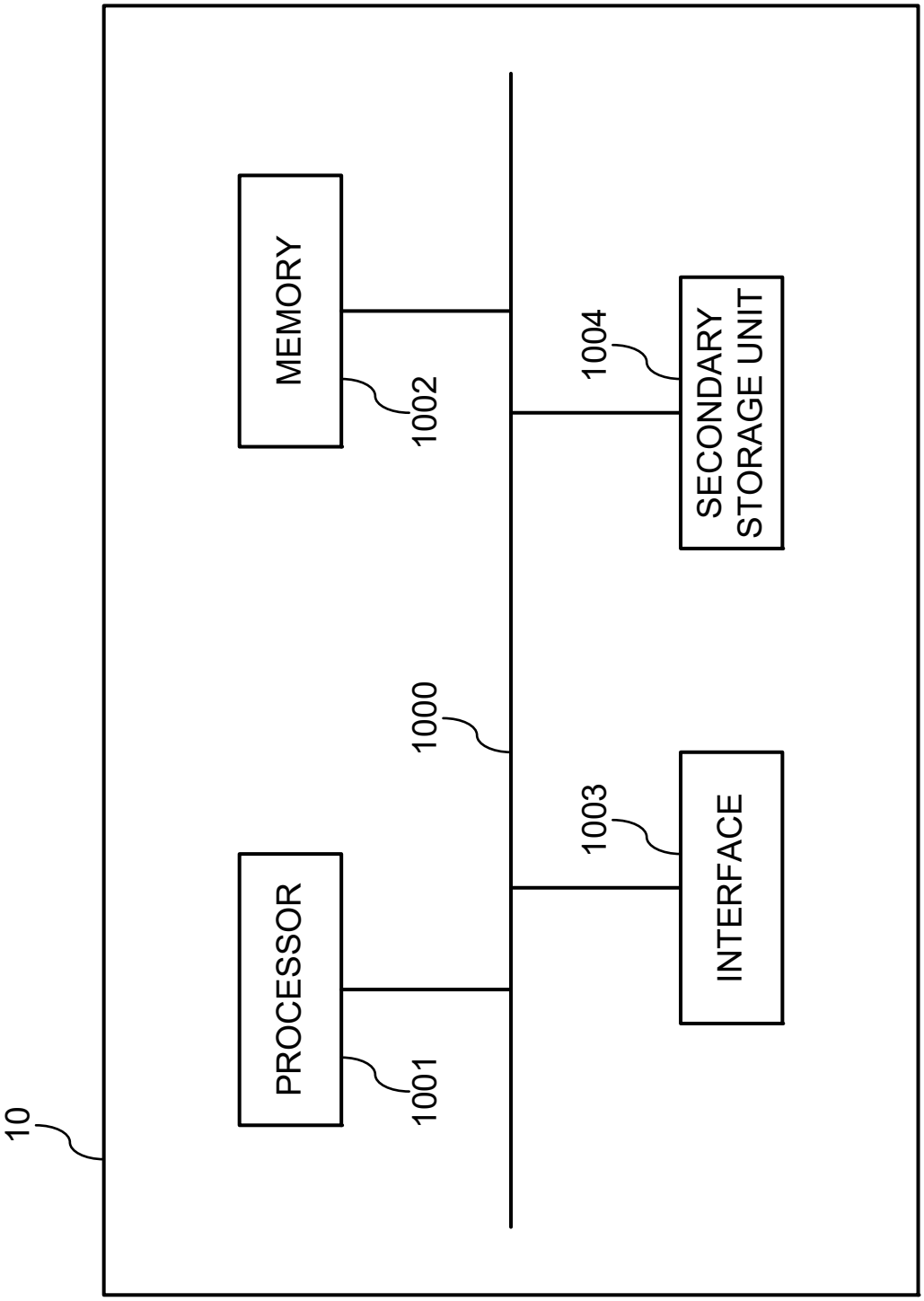

10
PROCESSOR
1001
MEMORY
1002
1000
1003
INTERFACE
1004
SECONDARY STORAGE UNIT

FIG. 7

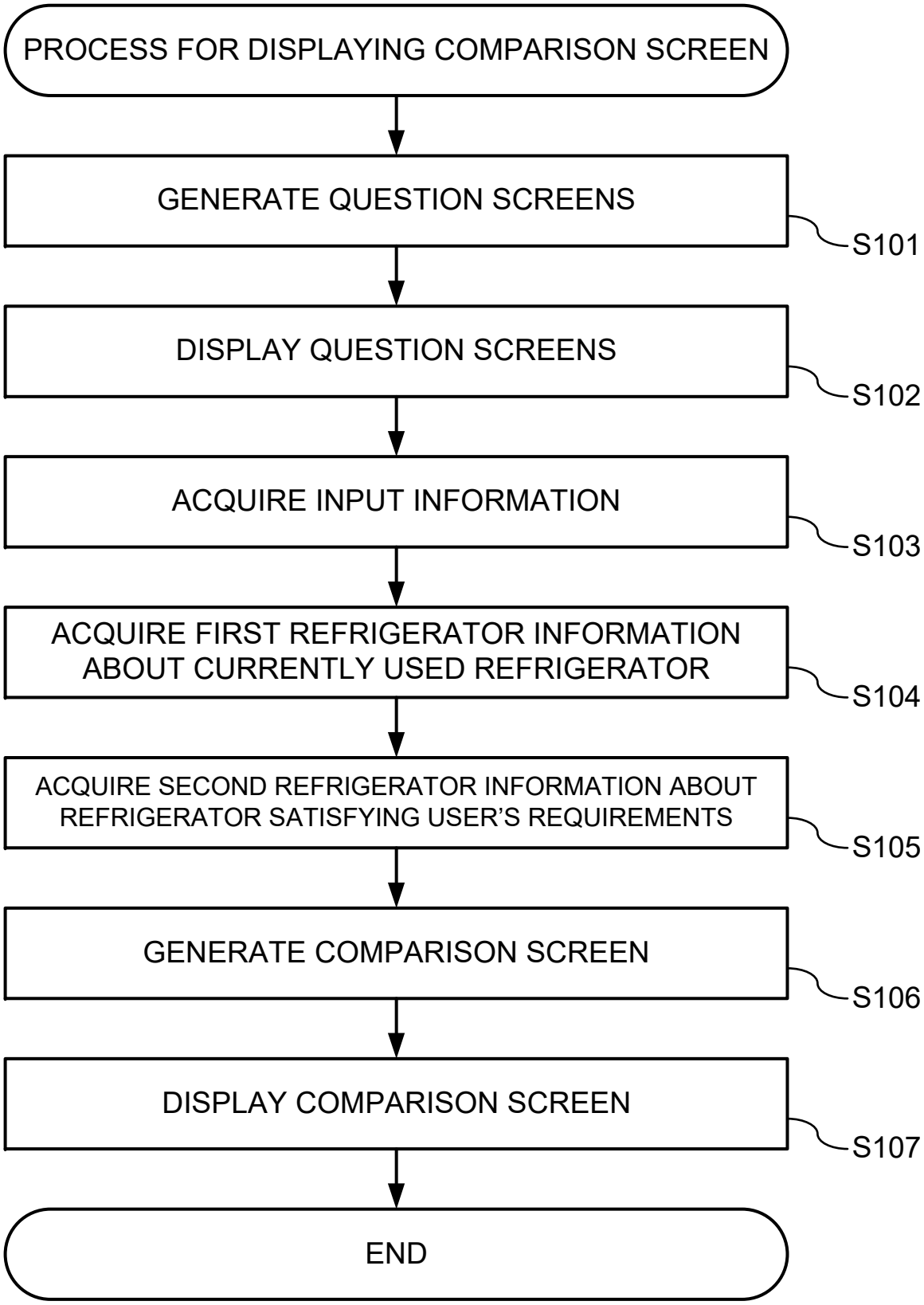
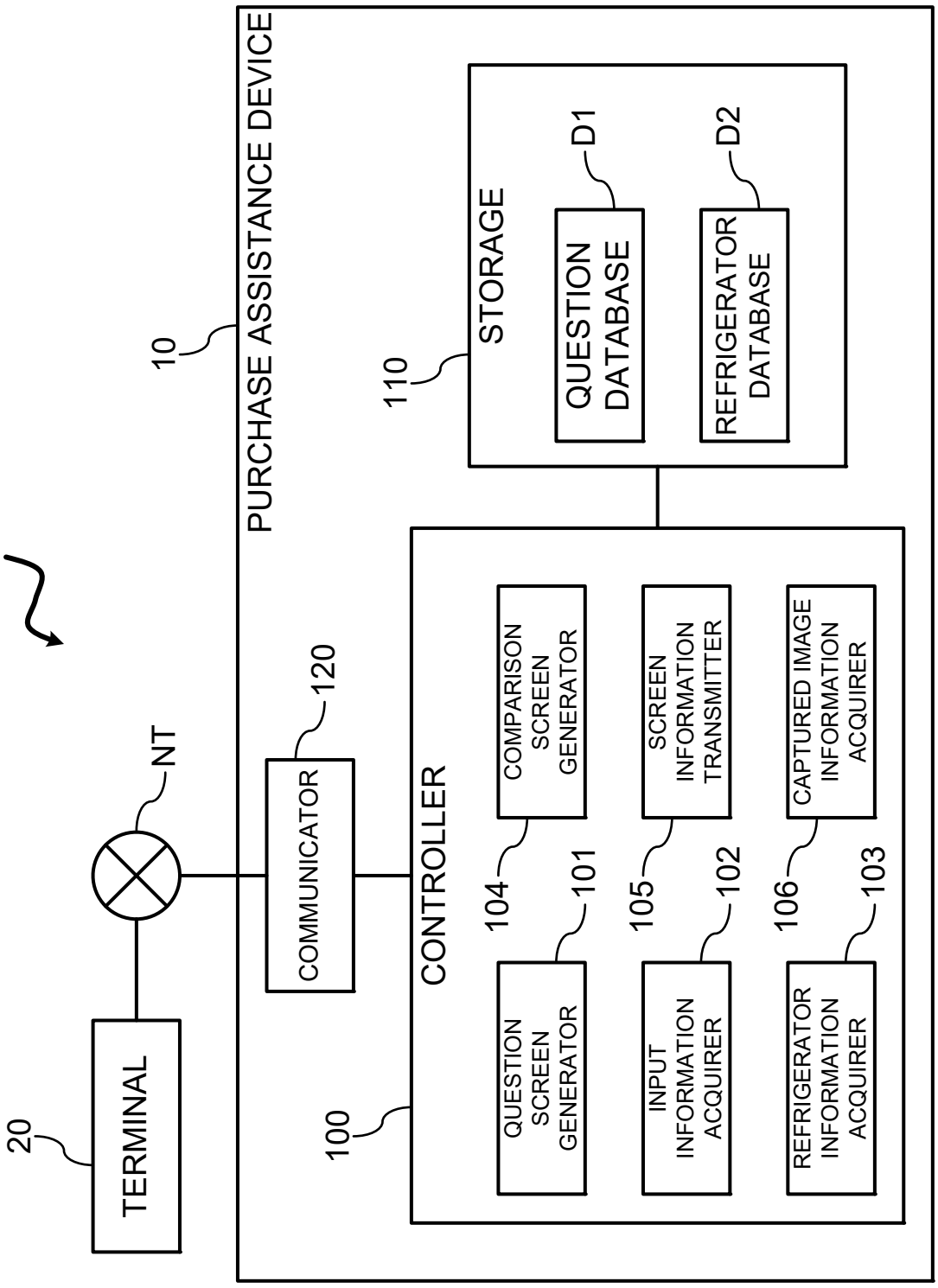

PROCESS FOR DISPLAYING COMPARISON SCREEN
GENERATE QUESTION SCREENS
S101
DISPLAY QUESTION SCREENS
S102
ACQUIRE INPUT INFORMATION
S103
ACQUIRE FIRST REFRIGERATOR INFORMATION ABOUT CURRENTLY USED REFRIGERATOR
S104
ACQUIRE SECOND REFRIGERATOR INFORMATION ABOUT REFRIGERATOR SATISFYING USER'S REQUIREMENTS
S105
GENERATE COMPARISON SCREEN
S106
DISPLAY COMPARISON SCREEN
S107
END

FIG. 8


1
PURCHASE ASSISTANCE DEVICE
10
STORAGE
110
QUESTION DATABASE
D1
REFRIGERATOR DATABASE
D2
CONTROLLER
100
COMMUNICATOR
120
NT
TERMINAL
20
COMPARISON SCREEN GENERATOR
104
QUESTION SCREEN GENERATOR
101
SCREEN INFORMATION TRANSMITTER
105
INPUT INFORMATION ACQUIRER
102
CAPTURED IMAGE INFORMATION ACQUIRER
106
REFRIGERATOR INFORMATION ACQUIRER
103

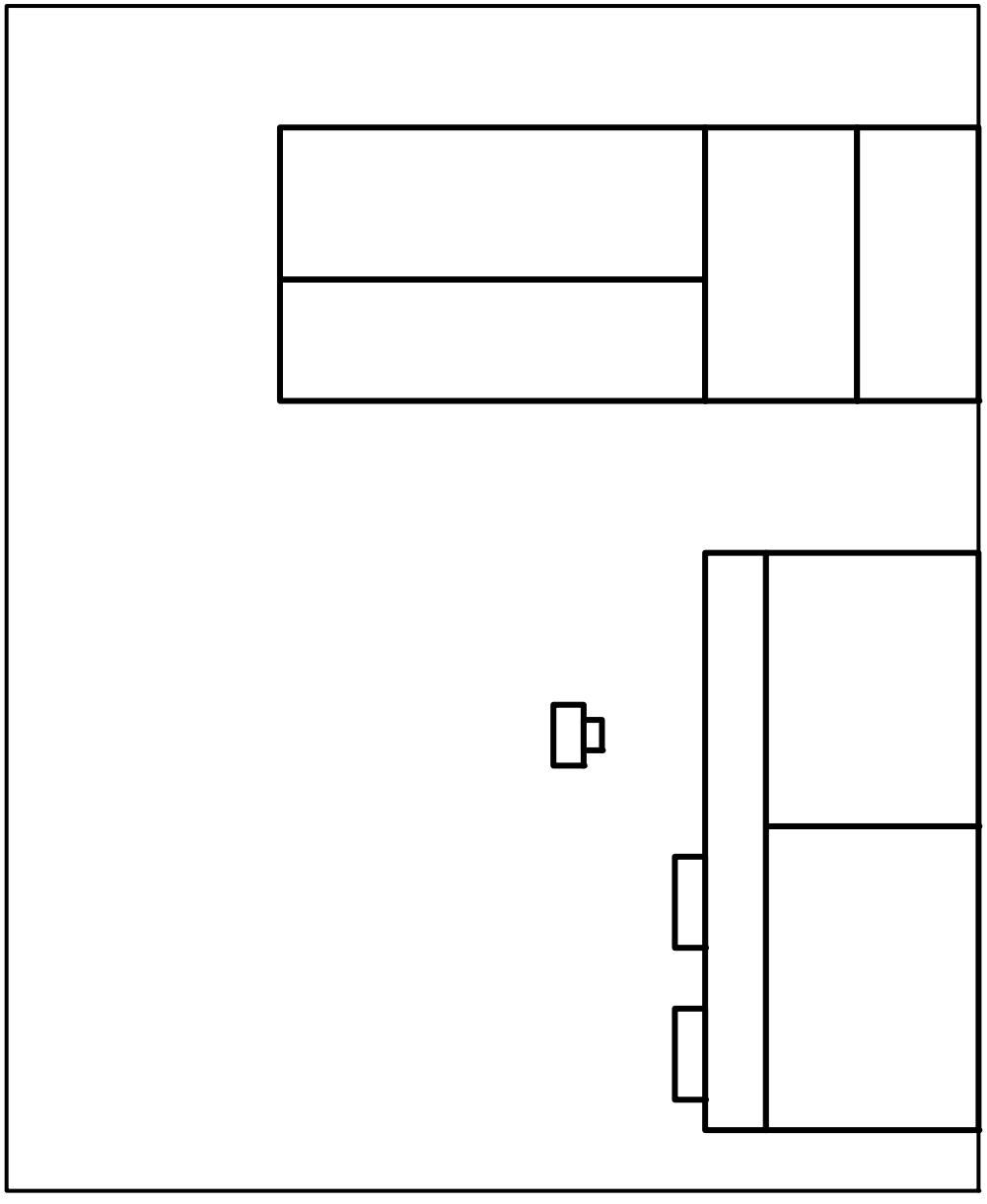


FIG. 9

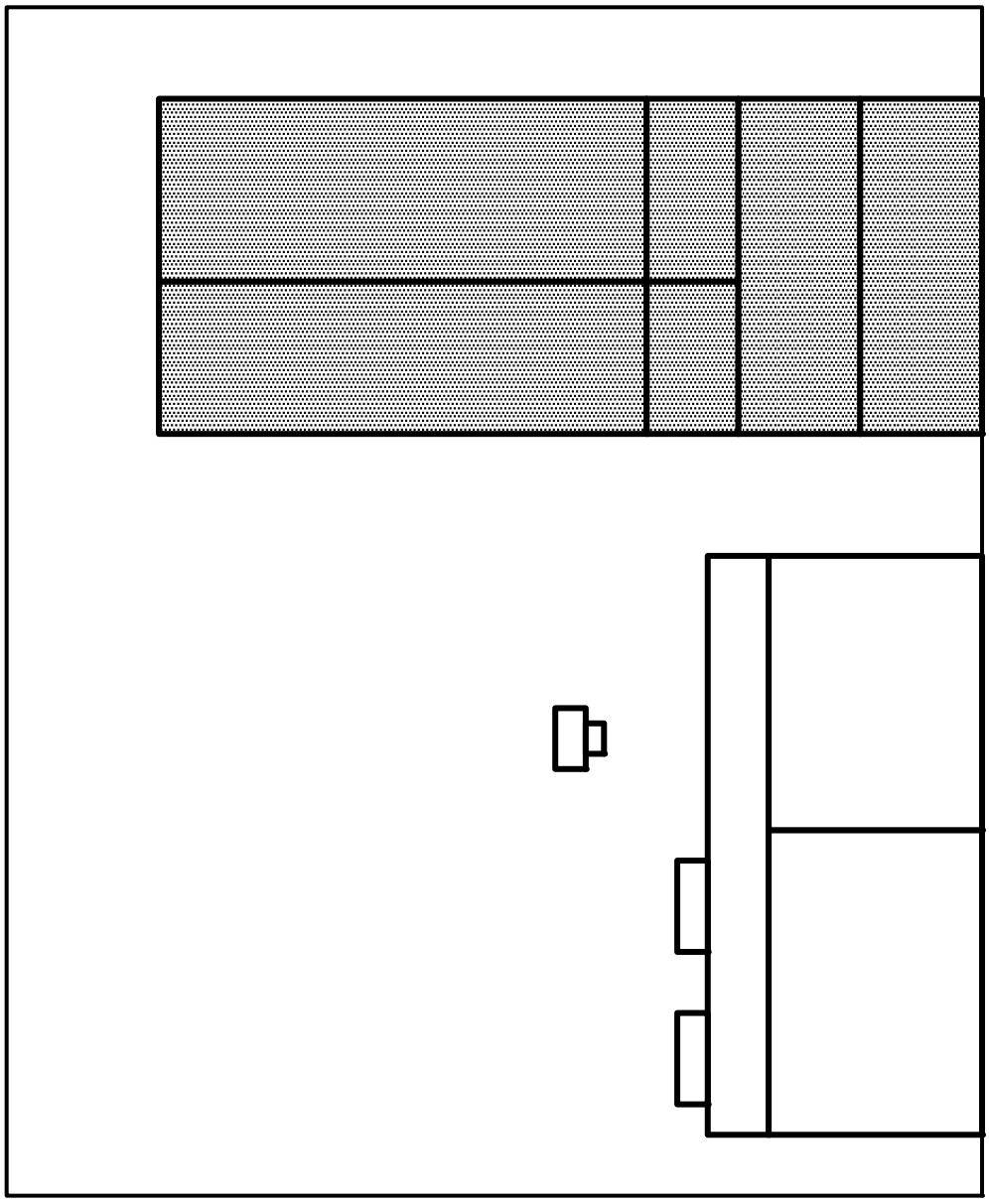
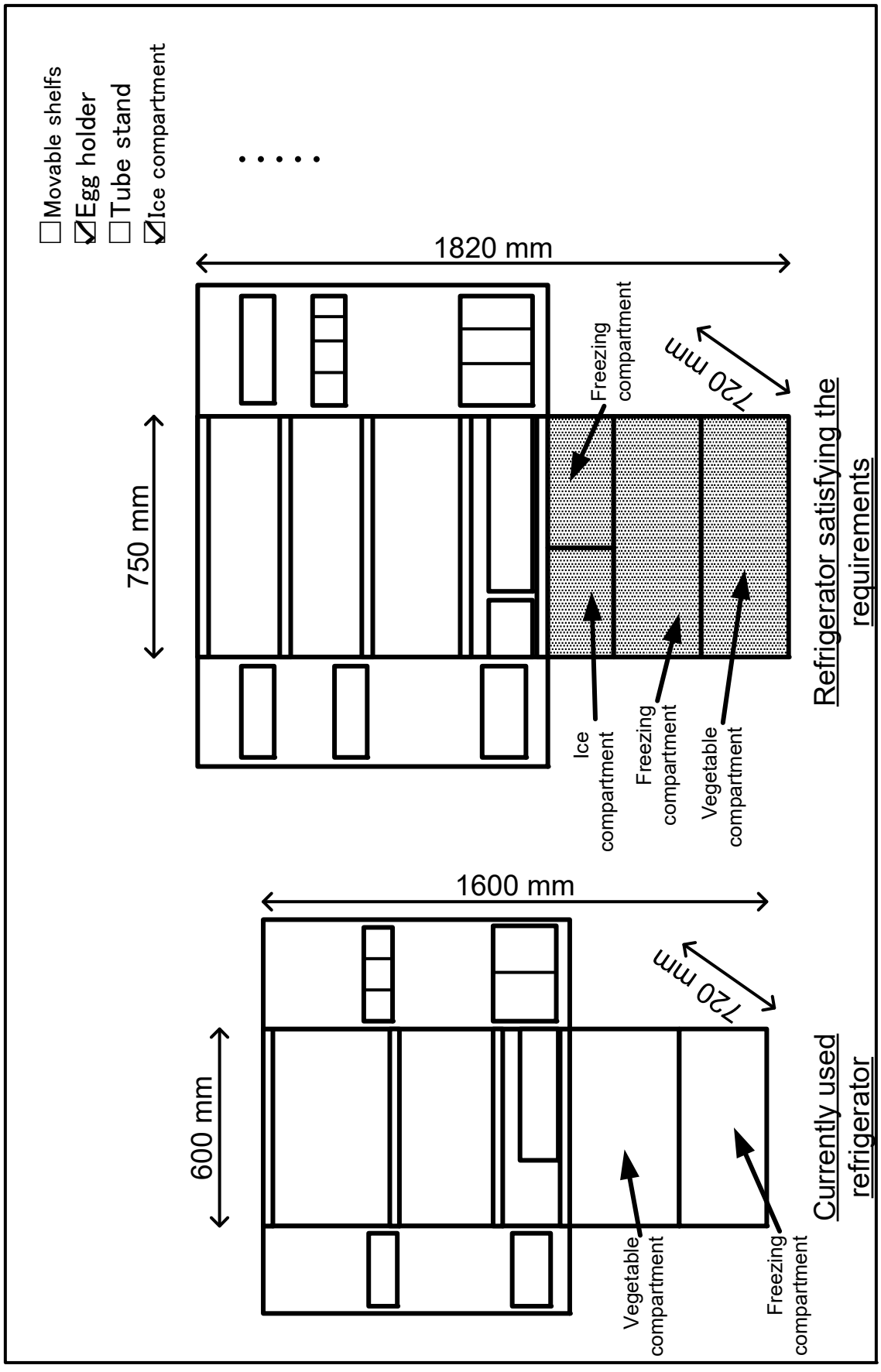


FIG. 10

FIG. 11


☐Movable shelfs
☑Egg holder
☐Tube stand
☑Ice compartment
.....
1820 mm
750 mm
720 mm
Freezing compartment
Ice compartment
Freezing compartment
Vegetable compartment
Refrigerator satisfying the requirements
1600 mm
600 mm
720 mm
Vegetable compartment
Freezing compartment
Currently used refrigerator