FIG.1

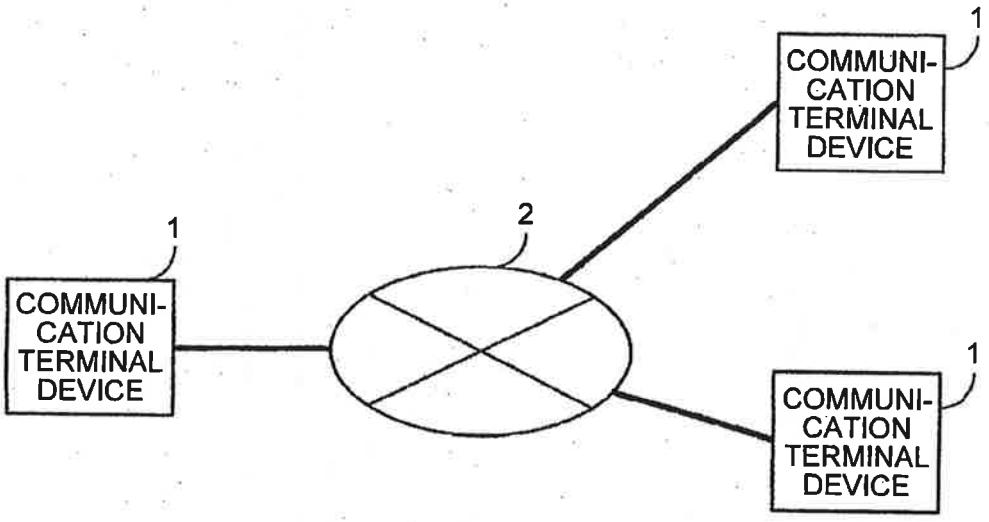

1
COMMUNI-
CATION
TERMINAL
DEVICE
2
1
COMMUNI-
CATION
TERMINAL
DEVICE
1
COMMUNI-
CATION
TERMINAL
DEVICE

FIG.2

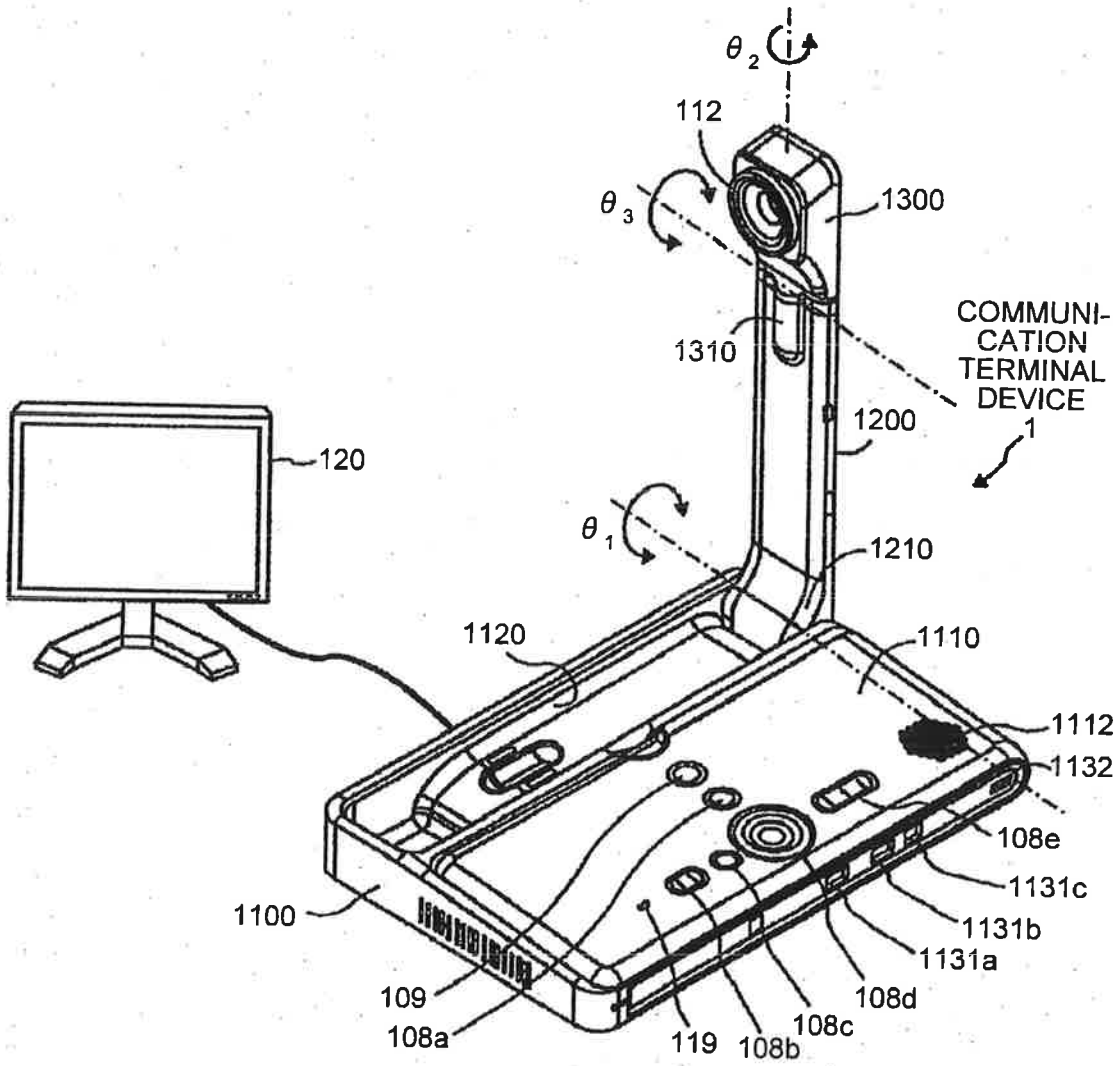

θ2
112
θ3
1300
COMMUNI-
CATION
TERMINAL
DEVICE
1
1310
1200
120
θ1
1210
1120
1110
1112
1132
108e
1131c
1131b
1131a
1100
109
108a
119
108b
108c
108d

FIG.3

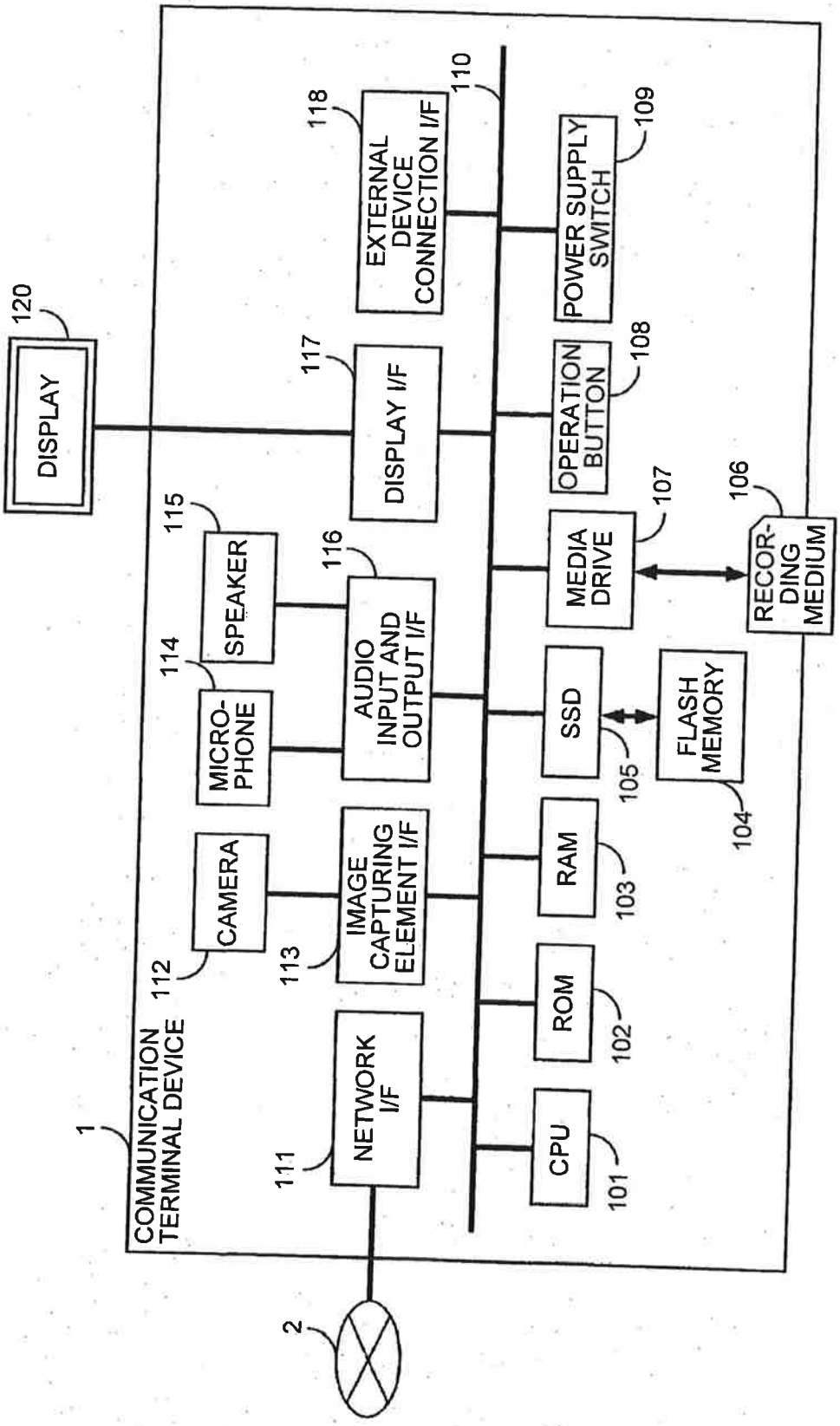

1
COMMUNICATION TERMINAL DEVICE
2
NETWORK I/F
111
CPU
101
ROM
102
RAM
103
SSD
105
FLASH MEMORY
104
MEDIA DRIVE
107
RECOR-DING MEDIUM
106
OPERATION BUTTON
108
POWER SUPPLY SWITCH
109
EXTERNAL DEVICE CONNECTION I/F
118
110
DISPLAY I/F
117
DISPLAY
120
IMAGE CAPTURING ELEMENT I/F
113
CAMERA
112
AUDIO INPUT AND OUTPUT I/F
116
MICRO-PHONE
114
SPEAKER
115

FIG.4

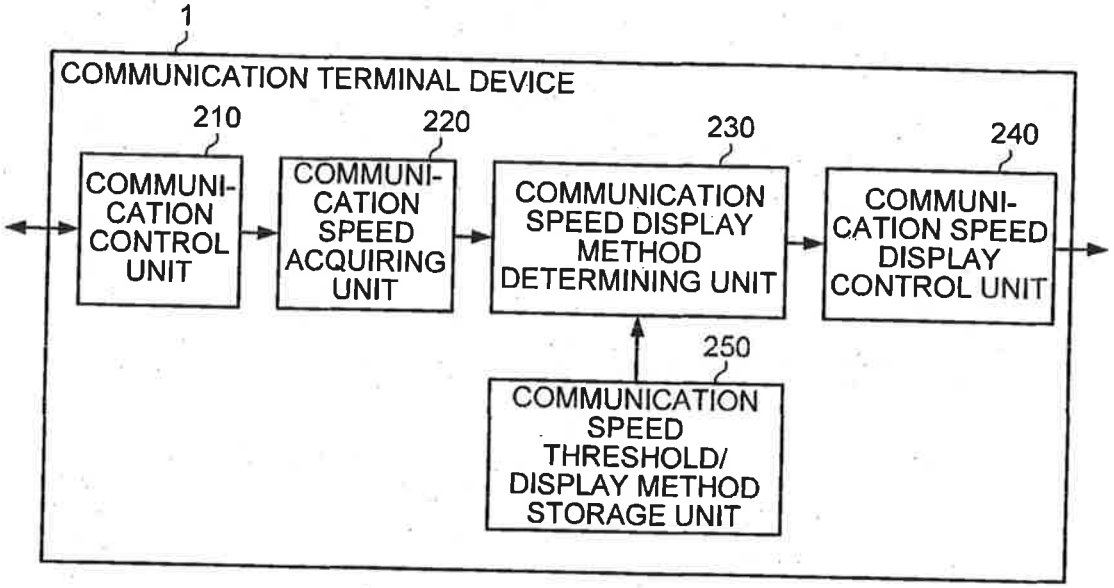

1
COMMUNICATION TERMINAL DEVICE
210
COMMUNI-CATION CONTROL UNIT
220
COMMUNI-CATION SPEED ACQUIRING UNIT
230
COMMUNICATION SPEED DISPLAY METHOD DETERMINING UNIT
240
COMMUNI-CATION SPEED DISPLAY CONTROL UNIT
250
COMMUNICATION SPEED THRESHOLD/ DISPLAY METHOD STORAGE UNIT

FIG.5

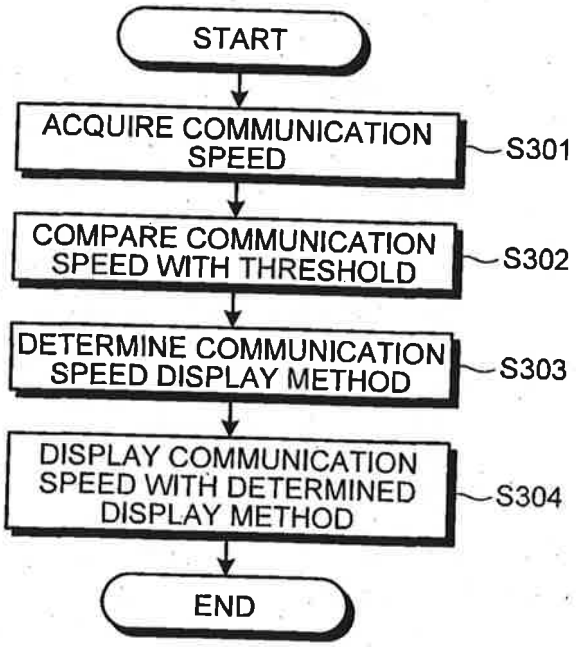

START
ACQUIRE COMMUNICATION SPEED
S301
COMPARE COMMUNICATION SPEED WITH THRESHOLD
S302
DETERMINE COMMUNICATION SPEED DISPLAY METHOD
S303
DISPLAY COMMUNICATION SPEED WITH DETERMINED DISPLAY METHOD
S304
END

FIG.6

DIRECTION	ITEM	DESCRIPTION
TRANSMISSION	VIDEO COMMUNI-CATION SPEED	COMMUNICATION SPEED WHEN VIDEO IS TRANSMITTED TO ANOTHER TERMINAL
	AUDIO COMMUNI-CATION SPEED	COMMUNICATION SPEED WHEN AUDIO IS TRANSMITTED TO ANOTHER TERMINAL
	DATA COMMUNI-CATION SPEED	COMMUNICATION SPEED WHEN DATA OTHER THAN VIDEO/AUDIO IS TRANSMITTED TO ANOTHER TERMINAL
	TOTAL COMMUNI-CATION SPEED	COMMUNICATION SPEED OBTAINED BY SUM OF COMMUNICATION SPEEDS OF VIDEO BAND, AUDIO BAND, AND DATA
RECEPTION	VIDEO COMMUNI-CATION SPEED	COMMUNICATION SPEED WHEN VIDEO IS RECEIVED FROM ANOTHER TERMINAL
	AUDIO COMMUNI-CATION SPEED	COMMUNICATION SPEED WHEN AUDIO IS RECEIVED FROM ANOTHER TERMINAL
	DATA COMMUNI-CATION SPEED	COMMUNICATION SPEED WHEN DATA OTHER THAN VIDEO/AUDIO IS RECEIVED FROM ANOTHER TERMINAL
	TOTAL COMMUNI-CATION SPEED	COMMUNICATION SPEED OBTAINED BY SUM OF COMMUNICATION SPEEDS OF VIDEO BAND, AUDIO BAND, AND DATA

FIG.7

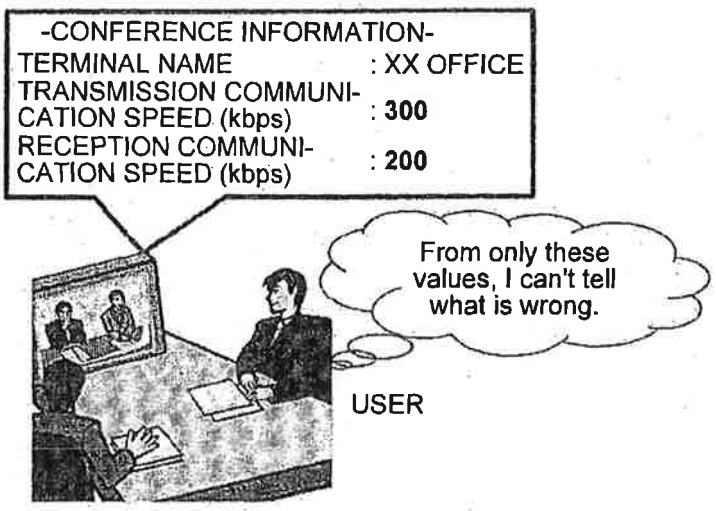
GROUP	THRESHOLD	DISPLAY METHOD
1	512 kbps OR HIGHER	COMMUNICATION SPEED IS DISPLAYED IN GREEN (ALLOWING CONFERENCE IN SUPERIORLY EXCELLENT MANNER)
2	512 kbps TO 256 kbps	COMMUNICATION SPEED IS DISPLAYED IN YELLOW (ALLOWING CONFERENCE IN SATISFACTORY MANNER)
3	LOWER THAN 256 kbps	COMMUNICATION SPEED IS DISPLAYED IN RED (NOT ALLOWING CONFERENCE IN SATISFACTORY MANNER)

FIG.8

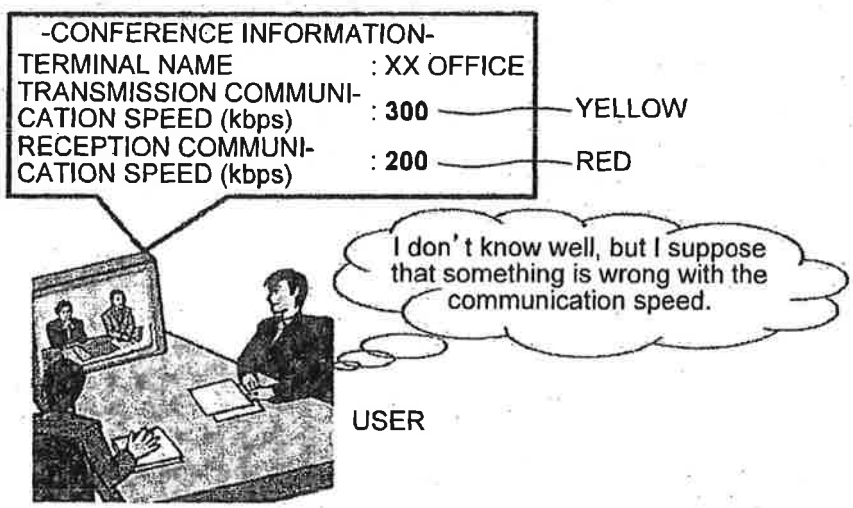
GROUP	THRESHOLD	DISPLAY METHOD
1	512 kbps OR HIGHER	5 DIVISIONS ARE DISPLAYED (ALLOWING CONFERENCE IN SUPERIORLY EXCELLENT MANNER)
2	512 kbps TO 428 kbps	4 DIVISIONS ARE DISPLAYED (ALLOWING CONFERENCE IN EXCELLENT MANNER)
3	428 kbps TO 342 kbps	3 DIVISIONS ARE DISPLAYED (ALLOWING CONFERENCE IN GOOD MANNER)
4	342 kbps TO 256 kbps	2 DIVISIONS ARE DISPLAYED (ALLOWING CONFERENCE IN SATISFACTORY MANNER)
5	LOWER THAN 256 kbps	1 DIVISION IS DISPLAYED (NOT ALLOWING CONFERENCE IN SATISFACTORY MANNER

FIG.9

(a)


-CONFERENCE INFORMATION-
TERMINAL NAME : XX OFFICE
TRANSMISSION COMMUNICATION SPEED (kbps) : 300
RECEPTION COMMUNICATION SPEED (kbps) : 200
From only these values, I can't tell what is wrong.
USER

(b)


-CONFERENCE INFORMATION-
TERMINAL NAME : XX OFFICE
TRANSMISSION COMMUNICATION SPEED (kbps) : 300
YELLOW
RECEPTION COMMUNICATION SPEED (kbps) : 200
RED
I don't know well, but I suppose that something is wrong with the communication speed.
USER

(c)

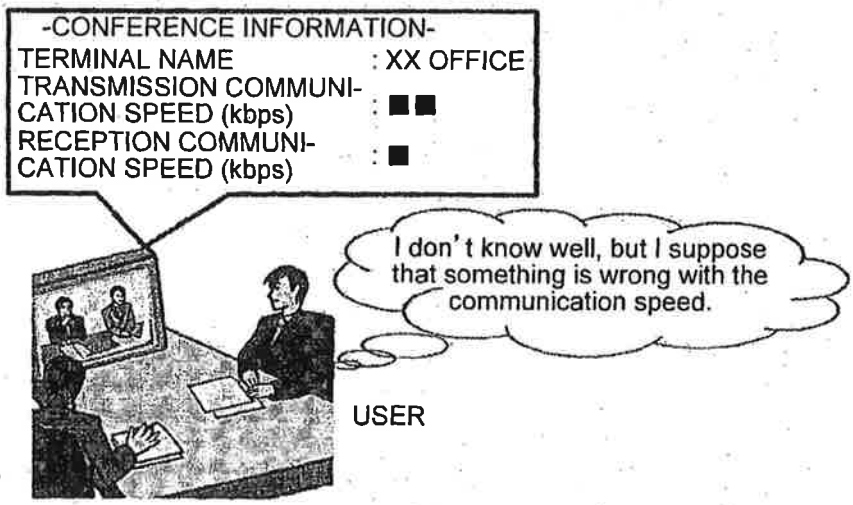

-CONFERENCE INFORMATION-
TERMINAL NAME : XX OFFICE
TRANSMISSION COMMUNICATION SPEED (kbps) : ■■
RECEPTION COMMUNICATION SPEED (kbps) : ■
I don't know well, but I suppose that something is wrong with the communication speed.
USER

FIG.10

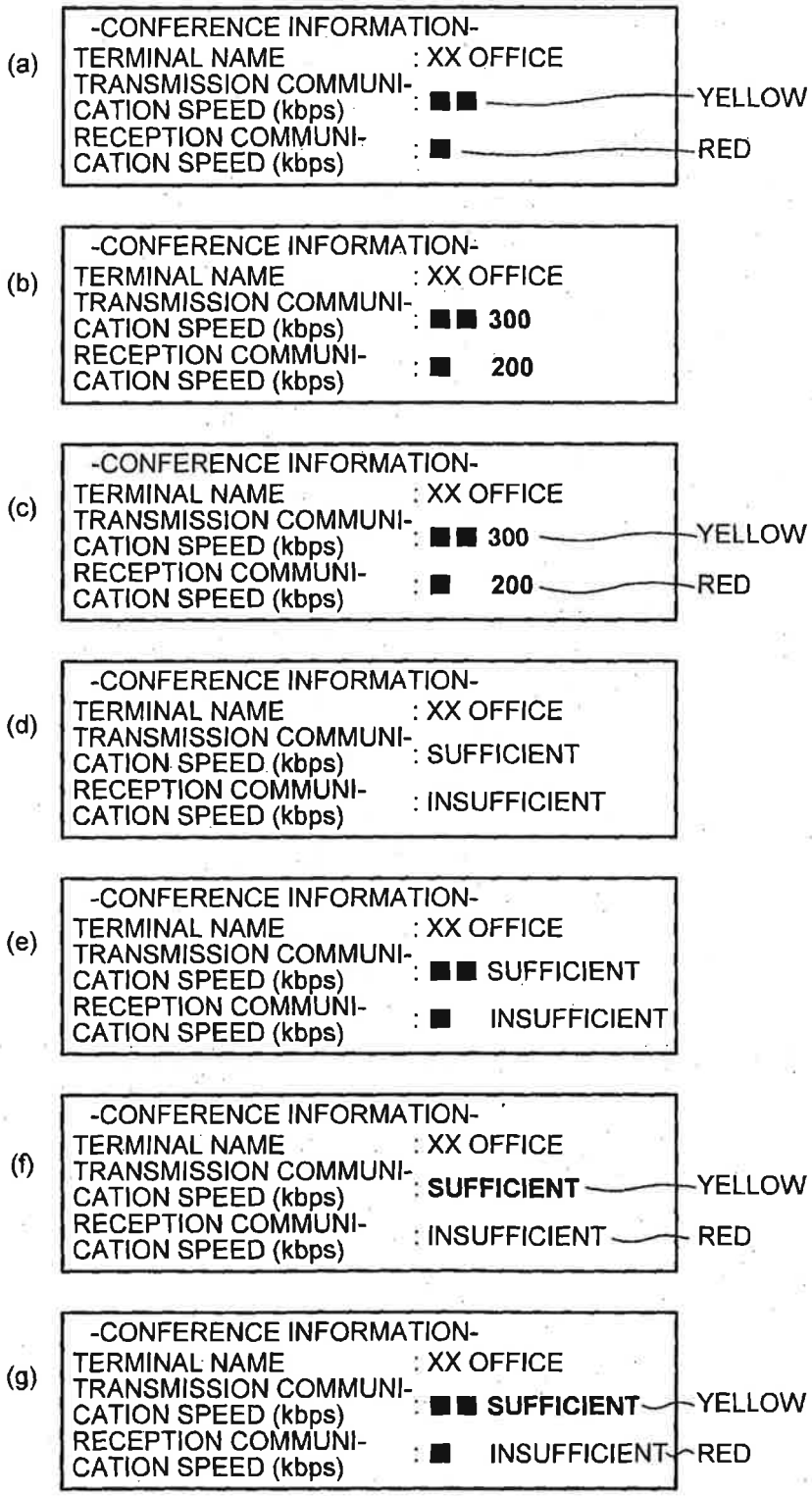

(a)
-CONFERENCE INFORMATION-
TERMINAL NAME : XX OFFICE
TRANSMISSION COMMUNICATION SPEED (kbps) : ■■
RECEPTION COMMUNICATION SPEED (kbps) : ■
YELLOW
RED
(b)
-CONFERENCE INFORMATION-
TERMINAL NAME : XX OFFICE
TRANSMISSION COMMUNICATION SPEED (kbps) : ■■ 300
RECEPTION COMMUNICATION SPEED (kbps) : ■ 200
(c)
-CONFERENCE INFORMATION-
TERMINAL NAME : XX OFFICE
TRANSMISSION COMMUNICATION SPEED (kbps) : ■■ 300
RECEPTION COMMUNICATION SPEED (kbps) : ■ 200
YELLOW
RED
(d)
-CONFERENCE INFORMATION-
TERMINAL NAME : XX OFFICE
TRANSMISSION COMMUNICATION SPEED (kbps) : SUFFICIENT
RECEPTION COMMUNICATION SPEED (kbps) : INSUFFICIENT
(e)
-CONFERENCE INFORMATION-
TERMINAL NAME : XX OFFICE
TRANSMISSION COMMUNICATION SPEED (kbps) : ■■ SUFFICIENT
RECEPTION COMMUNICATION SPEED (kbps) : ■ INSUFFICIENT
(f)
-CONFERENCE INFORMATION-
TERMINAL NAME : XX OFFICE
TRANSMISSION COMMUNICATION SPEED (kbps) : SUFFICIENT
RECEPTION COMMUNICATION SPEED (kbps) : INSUFFICIENT
YELLOW
RED
(g)
-CONFERENCE INFORMATION-
TERMINAL NAME : XX OFFICE
TRANSMISSION COMMUNICATION SPEED (kbps) : ■■ SUFFICIENT
RECEPTION COMMUNICATION SPEED (kbps) : ■ INSUFFICIENT
YELLOW
RED

FIG.11

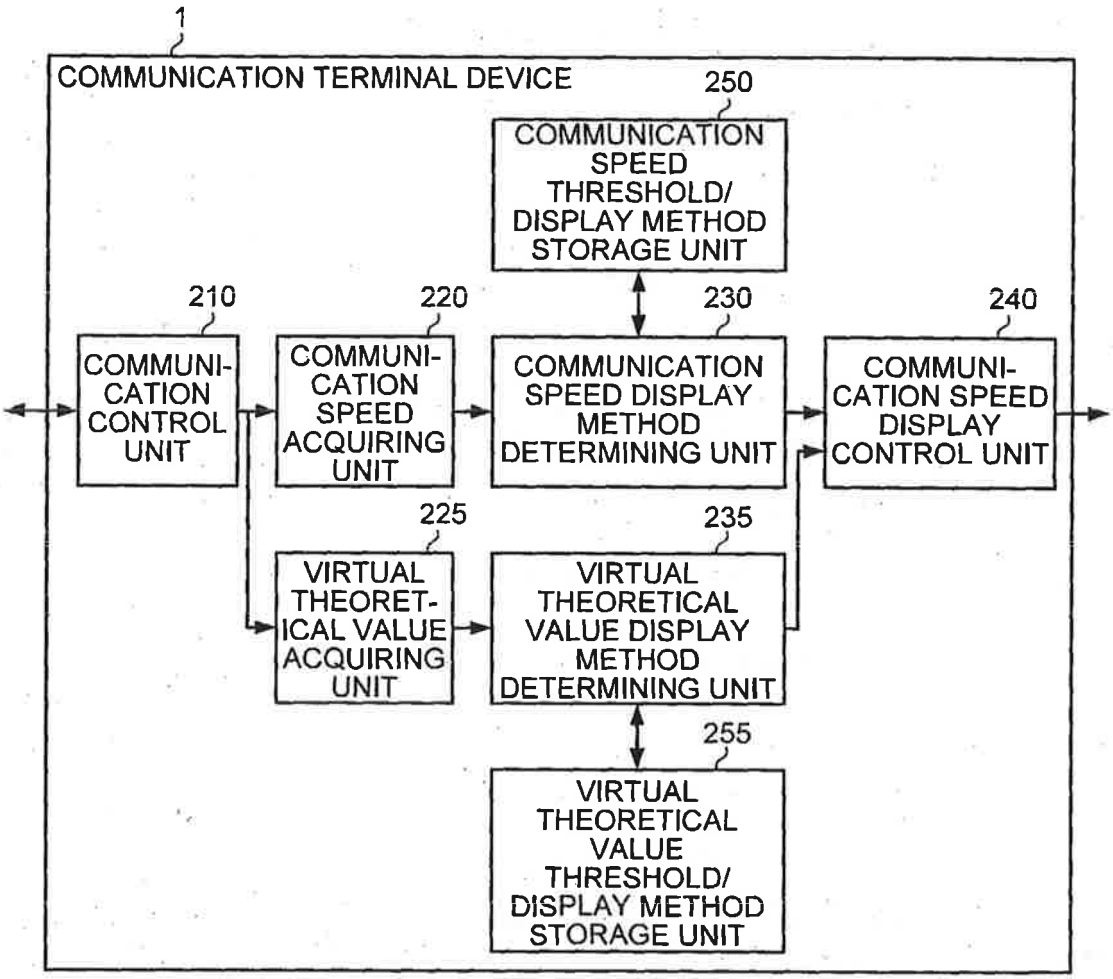

1
COMMUNICATION TERMINAL DEVICE
250
COMMUNICATION SPEED THRESHOLD/ DISPLAY METHOD STORAGE UNIT
210
COMMUNI-CATION CONTROL UNIT
220
COMMUNI-CATION SPEED ACQUIRING UNIT
230
COMMUNICATION SPEED DISPLAY METHOD DETERMINING UNIT
240
COMMUNI-CATION SPEED DISPLAY CONTROL UNIT
225
VIRTUAL THEORET-ICAL VALUE ACQUIRING UNIT
235
VIRTUAL THEORETICAL VALUE DISPLAY METHOD DETERMINING UNIT
255
VIRTUAL THEORETICAL VALUE THRESHOLD/ DISPLAY METHOD STORAGE UNIT

FIG.12

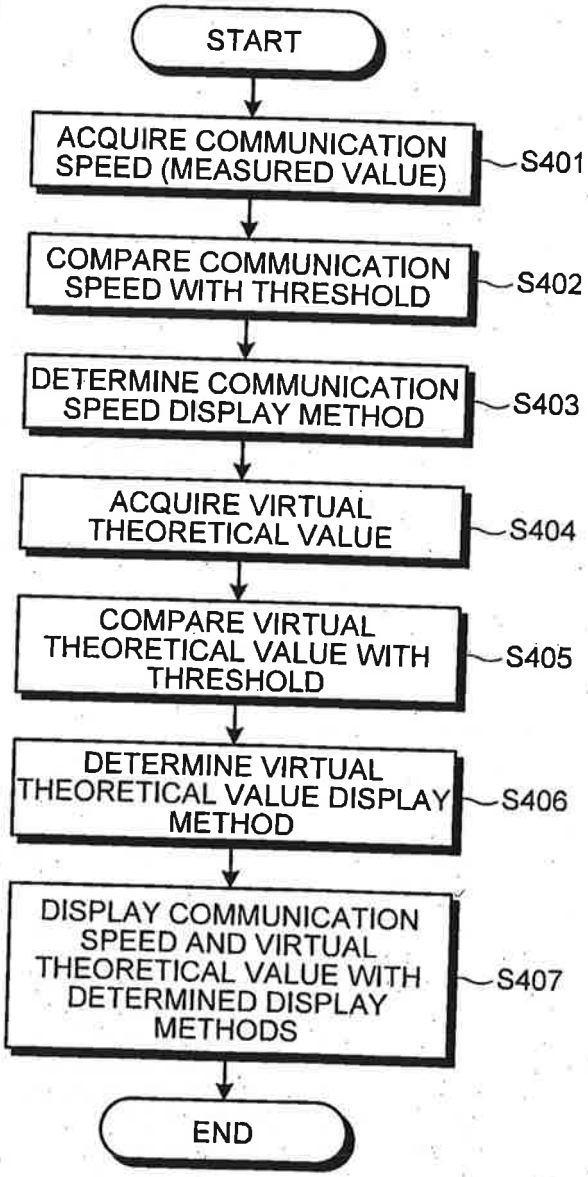

START
ACQUIRE COMMUNICATION SPEED (MEASURED VALUE)
S401
COMPARE COMMUNICATION SPEED WITH THRESHOLD
S402
DETERMINE COMMUNICATION SPEED DISPLAY METHOD
S403
ACQUIRE VIRTUAL THEORETICAL VALUE
S404
COMPARE VIRTUAL THEORETICAL VALUE WITH THRESHOLD
S405
DETERMINE VIRTUAL THEORETICAL VALUE DISPLAY METHOD
S406
DISPLAY COMMUNICATION SPEED AND VIRTUAL THEORETICAL VALUE WITH DETERMINED DISPLAY METHODS
S407
END

FIG.13

GROUP	THRESHOLD	DISPLAY METHOD
1	512 kbps OR HIGHER	5 DIVISIONS ARE DISPLAYED (ALLOWING CONFERENCE IN SUPERIORLY EXCELLENT MANNER)
2	512 kbps TO 428 kbps	4 DIVISIONS ARE DISPLAYED (ALLOWING CONFERENCE IN EXCELLENT MANNER)
3	428 kbps TO 342 kbps	3 DIVISIONS ARE DISPLAYED (ALLOWING CONFERENCE IN GOOD MANNER)
4	342 kbps TO 256 kbps	2 DIVISIONS ARE DISPLAYED (ALLOWING CONFERENCE IN SATISFACTORY MANNER)
5	LOWER THAN 256 kbps	1 DIVISION IS DISPLAYED (NOT ALLOWING CONFERENCE IN SATISFACTORY MANNER)

FIG.14

GROUP	THRESHOLD	DISPLAY METHOD
1	512 kbps OR HIGHER	VIRTUAL THEORETICAL VALUE IS DISPLAYED IN GREEN (ALLOWING CONFERENCE IN SUPERIORLY EXCELLENT MANNER, THEORETICALLY)
2	512 kbps TO 256 kbps	VIRTUAL THEORETICAL VALUE IS DISPLAYED IN YELLOW (ALLOWING CONFERENCE IN SATISFACTORY MANNER, THEORETICALLY)
3	LOWER THAN 256 kbps	VIRTUAL THEORETICAL VALUE IS DISPLAYED IN RED (NOT ALLOWING CONFERENCE IN SATISFACTORY MANNER, THEORETICALLY)

FIG.15

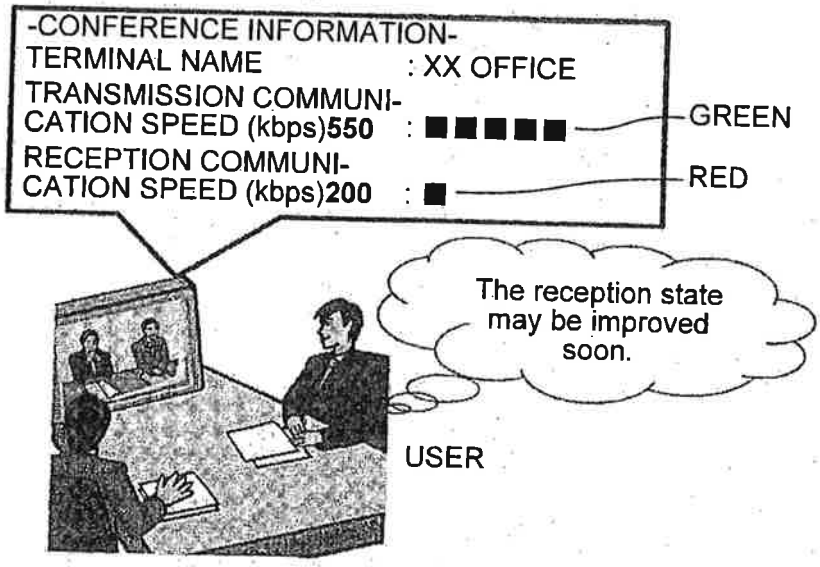
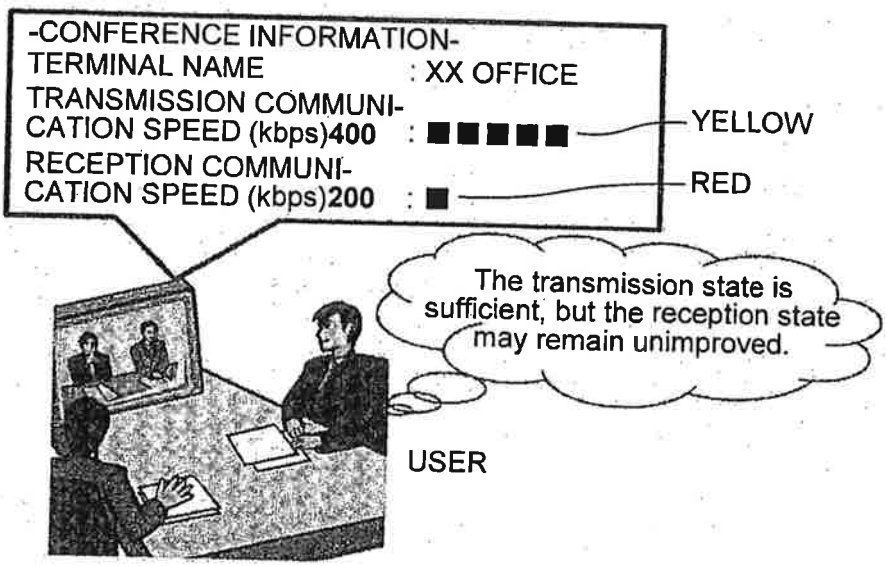

-CONFERENCE INFORMATION-
TERMINAL NAME : XX OFFICE
TRANSMISSION COMMUNICATION SPEED (kbps)550 : ■■■■■
RECEPTION COMMUNICATION SPEED (kbps)200 : ■
GREEN
RED
The reception state may be improved soon.
USER

FIG.16


-CONFERENCE INFORMATION-
TERMINAL NAME : XX OFFICE
TRANSMISSION COMMUNICATION SPEED (kbps)400 : ■■■■■
RECEPTION COMMUNICATION SPEED (kbps)200 : ■
YELLOW
RED
The transmission state is sufficient, but the reception state may remain unimproved.
USER