



FIG. 1

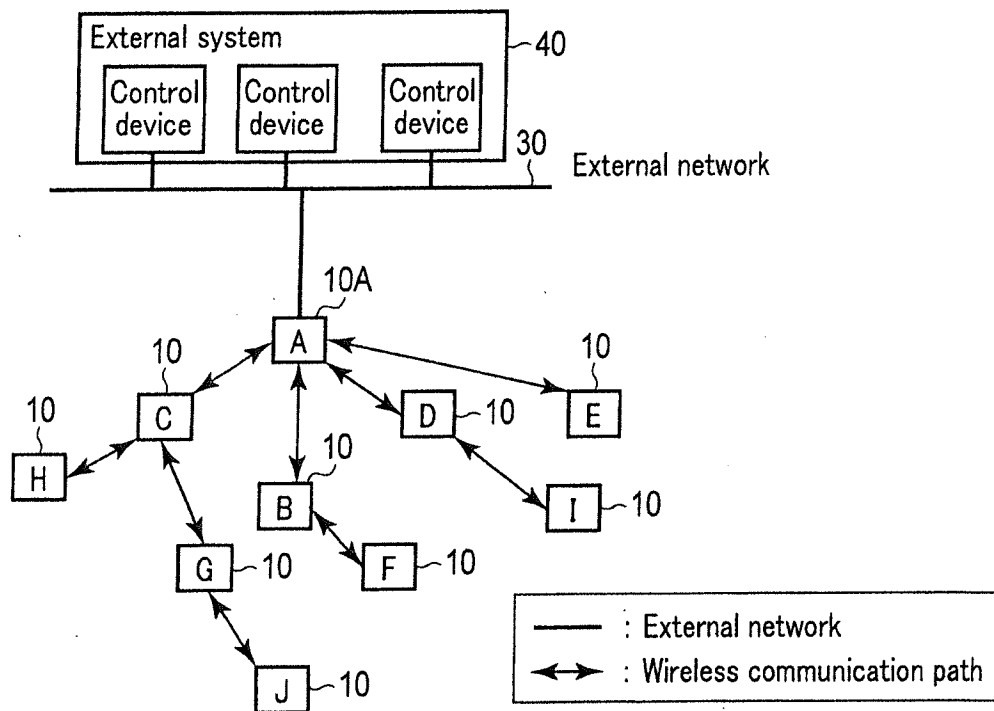


FIG. 2

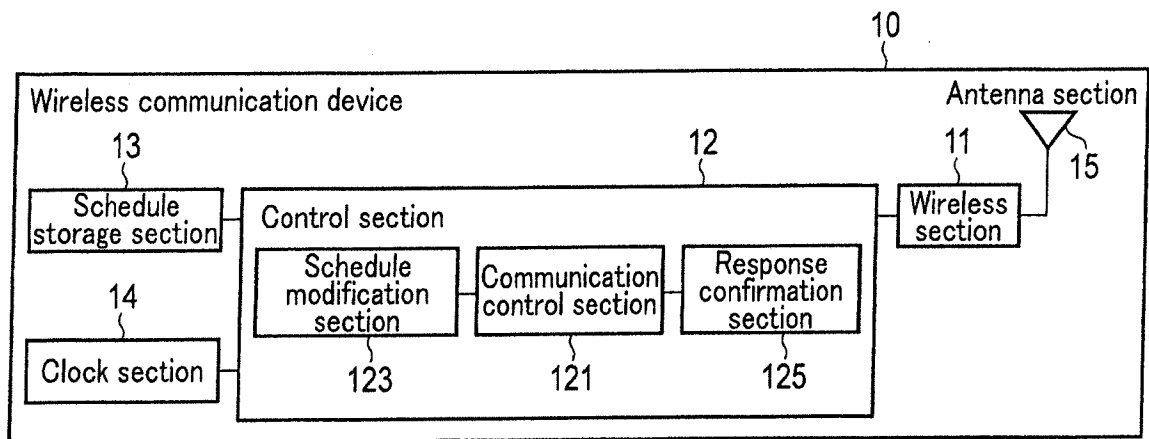


FIG. 3

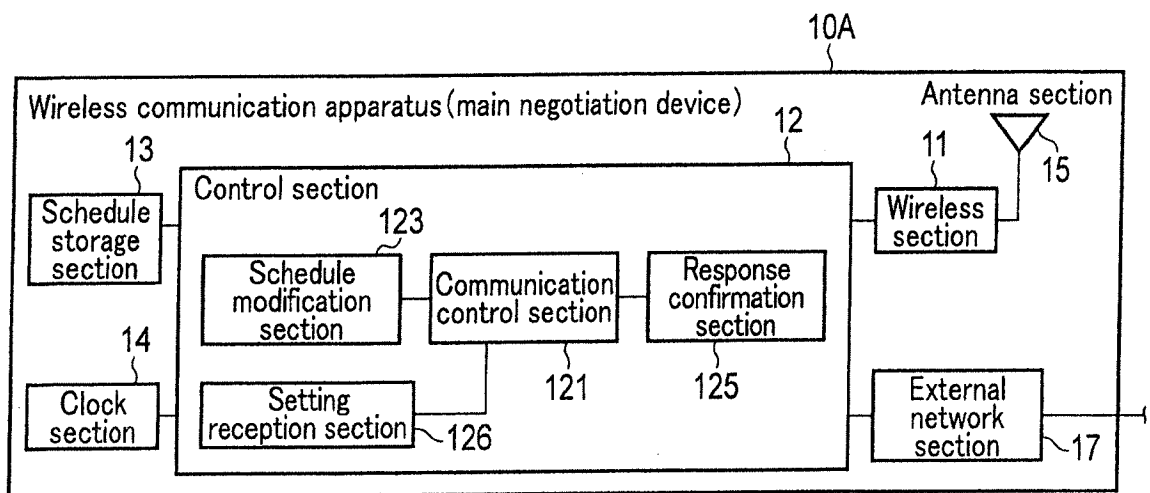


FIG. 4

	51		51	51	50			
Source	A	A	C	...	G	B	C	...
Destination	B	C	G	...	C	A	A	...
Bypass node				...				...

Passage of time →

FIG. 5

	51		51	51	50			
Source	A	A	C	...	G	B	C	...
Destination	B	C	G	...	C	A	A	...
Bypass node	0	0	B	...	B	0	0	...

Passage of time →

FIG. 6

	51		51	50			
Source	A	C	...	G	B	C	...
Destination	0xFFFF	0xFFFF	...	C	A	A	...
Bypass node	0	B	...	B	0	0	...

Passage of time →

FIG. 7

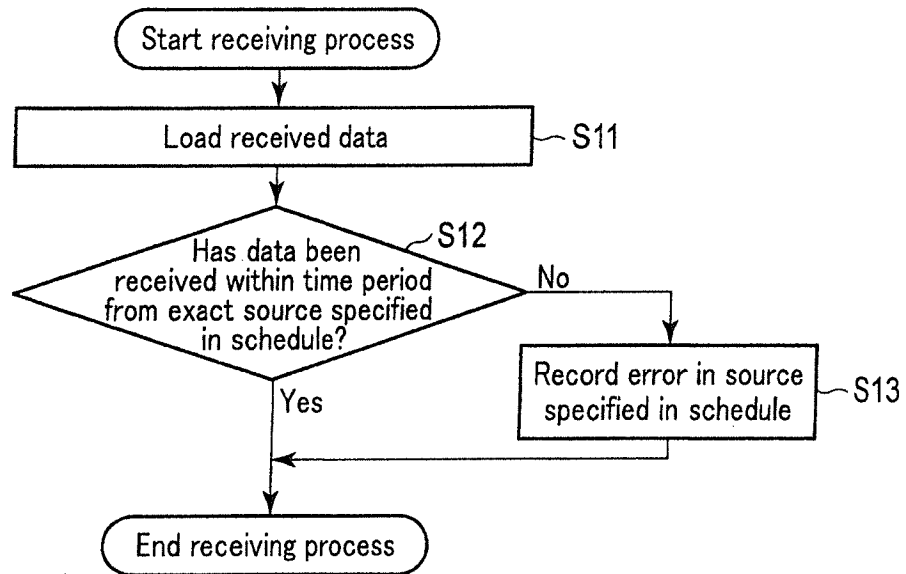


FIG. 8

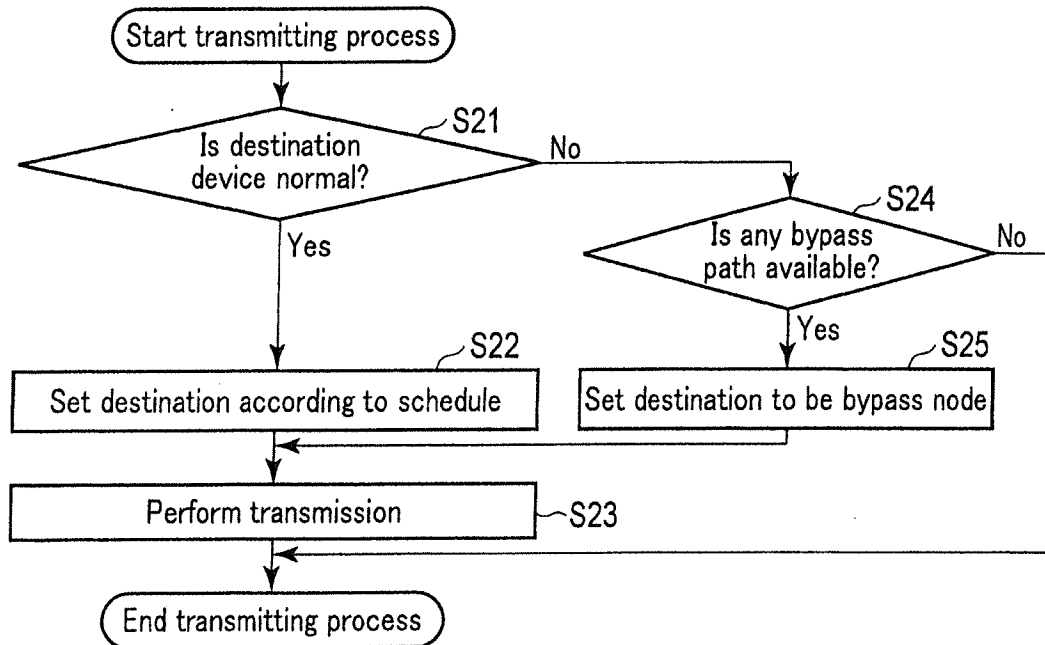


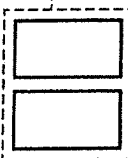
FIG. 9

Start	
00:	A → B
01:	A → C
02:	C → G
03:	G → C
04:	B → A
05:	C → A
00:	A → B
01:	A → C
02:	C → G
Node C is error (occur)	
03:	G → C
04:	B → A
05:	Node A detects error of C
00:	A → B
01:	A → B (Node A changes Task)
01:	Node B detects error of C
02:	B → G (Node B changes Task)
02:	Node G detects error of C
03:	G → B (Node G changes Task)
04:	B → A
05:	none
00:	A → B
01:	A → B
02:	B → G
03:	G → B
04:	B → A
05:	none

FIG. 10

Maintenance terminal

Setting screen

601


Maximum update cycle : ms

Maximum update cycle for error case : ms

FIG. 11

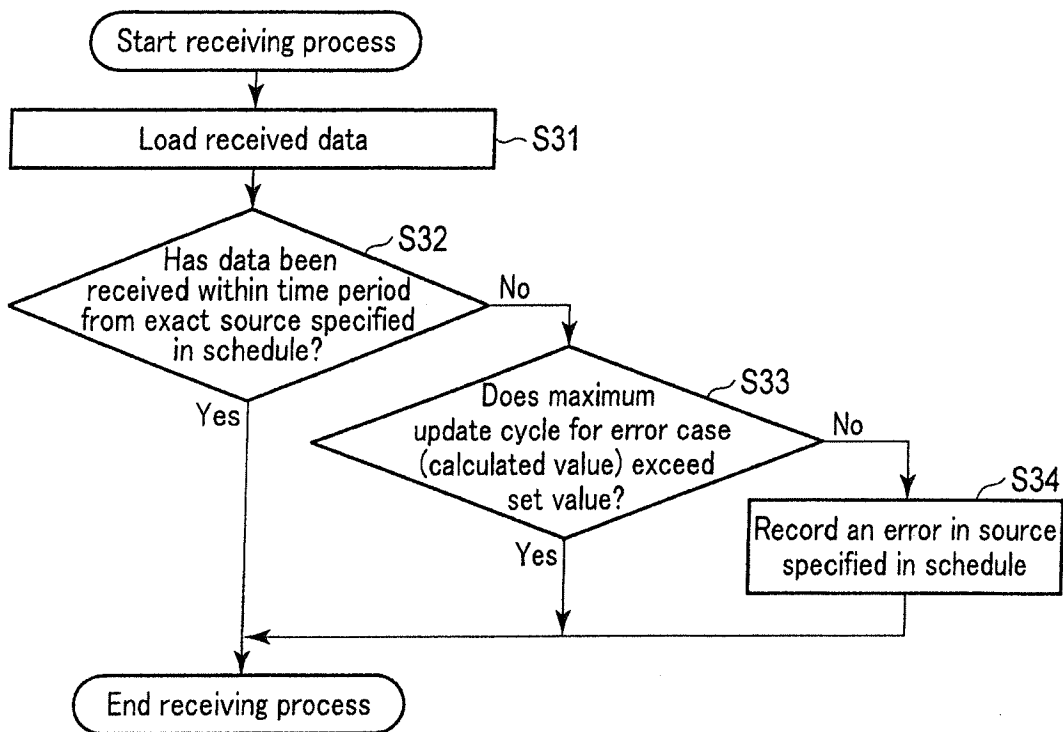


FIG. 12

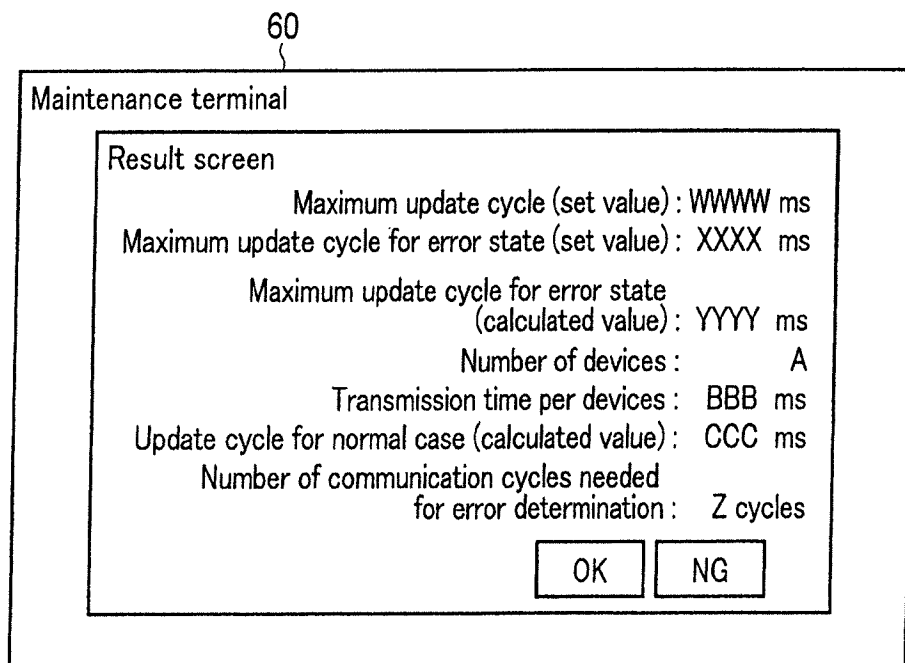


FIG. 13

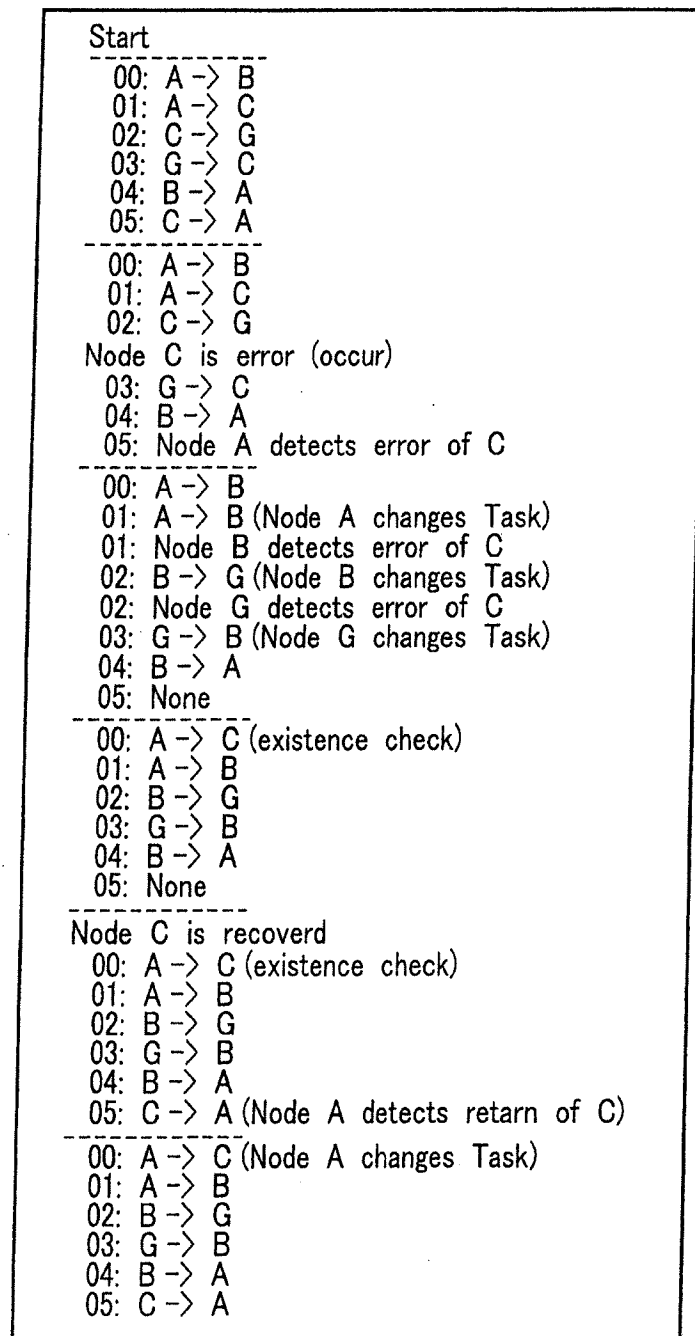


FIG. 14