

FIG. 1

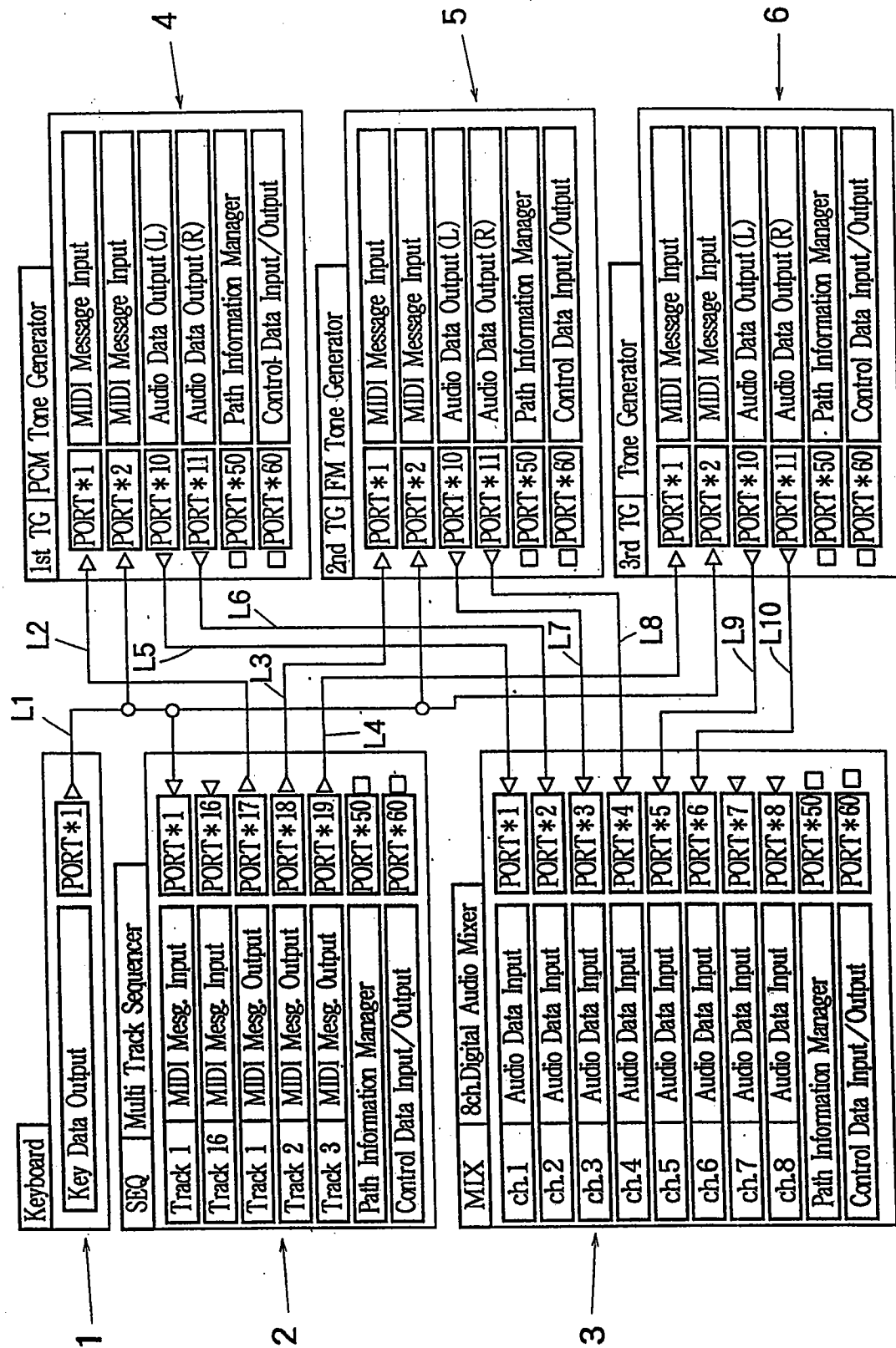


FIG.2

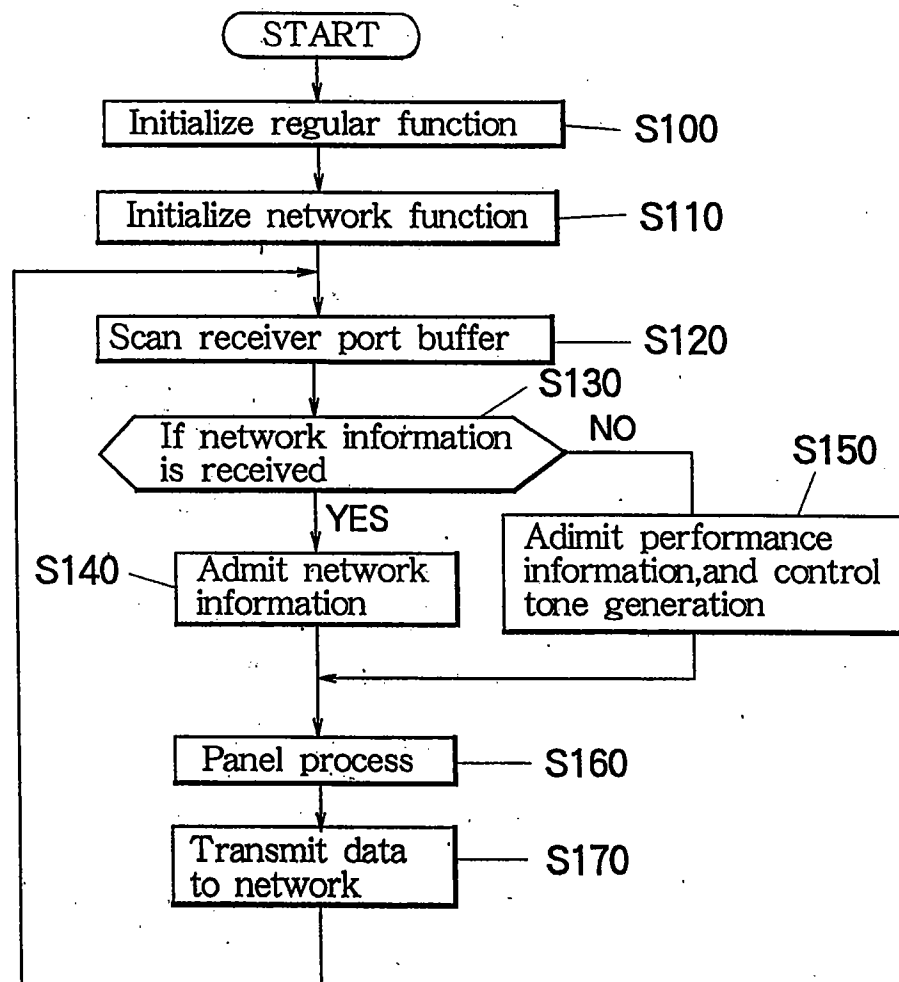


FIG.3

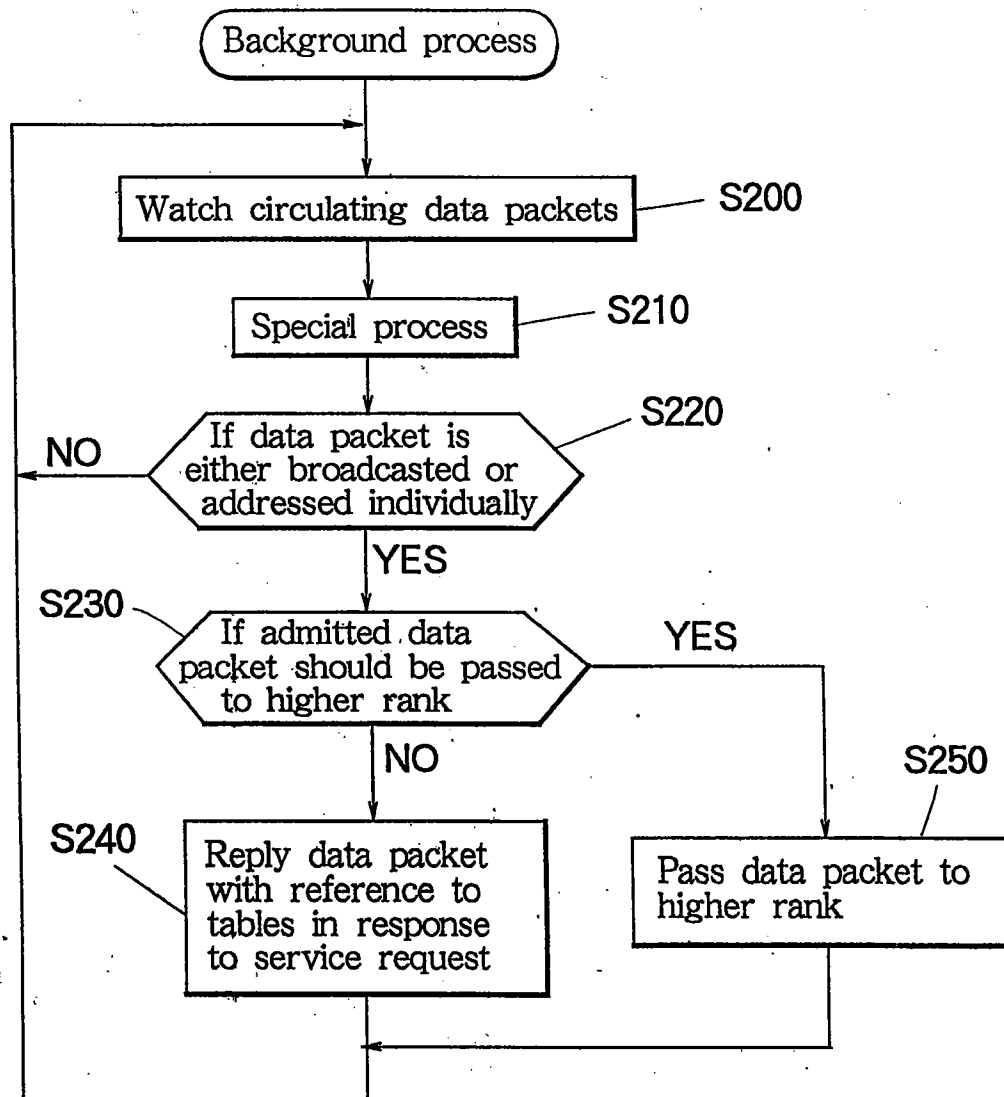


FIG.4

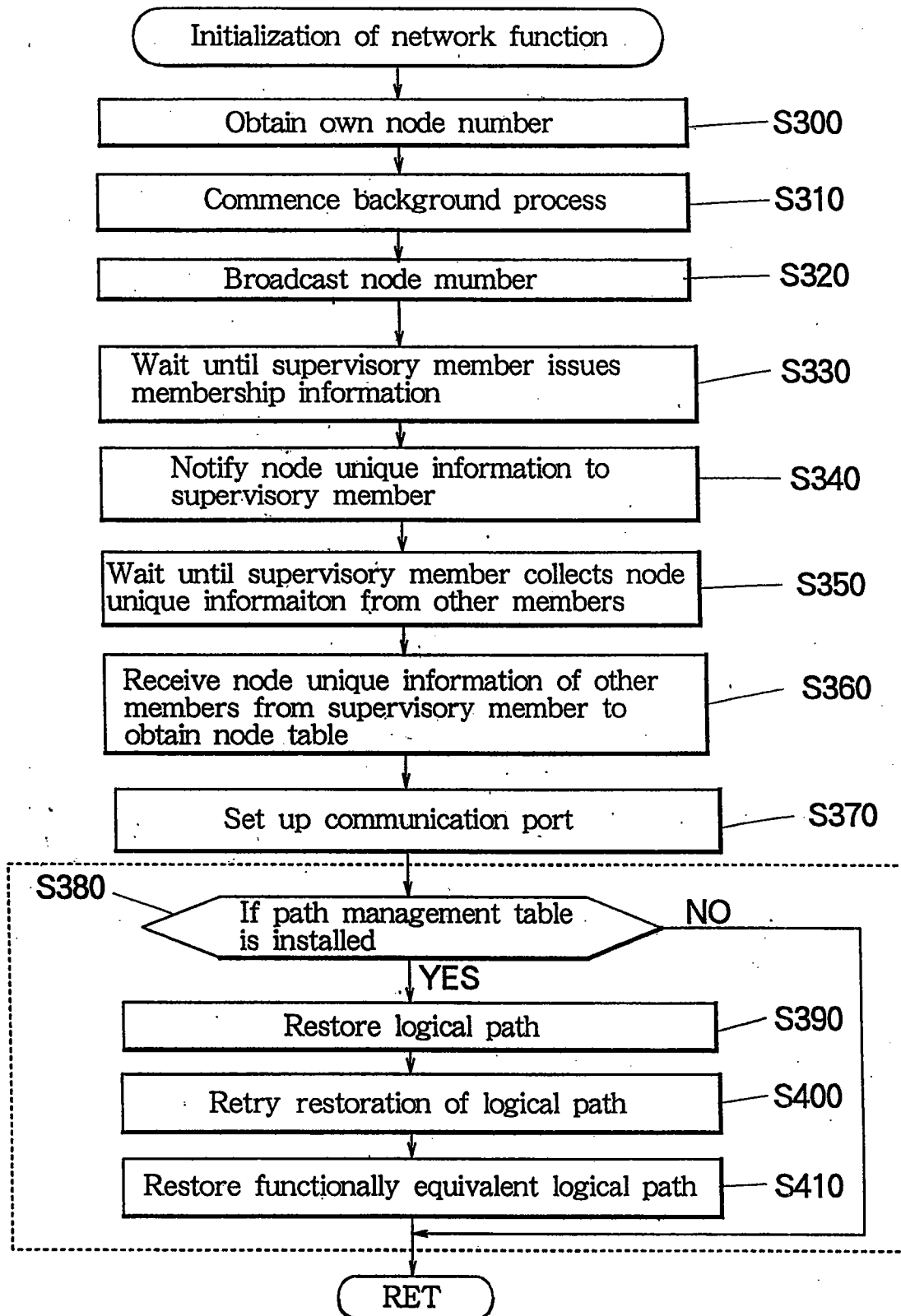


FIG.5

Node No.	Unique address	Function label	Model code
1	aaaa.aaaa	MIDI Keyboard	AAAAAAAAA
2	bbbb.bbbb	Multi Track Seqnencer	BBBBBBBBB
3	cccc.cccc	8ch.Digital Audio Mixer	CCCCCCCCC
4	dddd.dddd	PCM Tone Generator	DDDDDDDDD
5	eeee.eeee	FM Tone Generator	EEEEEEEEEE
6	ffff.abcd	Tone Generator	FFFFFFFFF

FIG.6

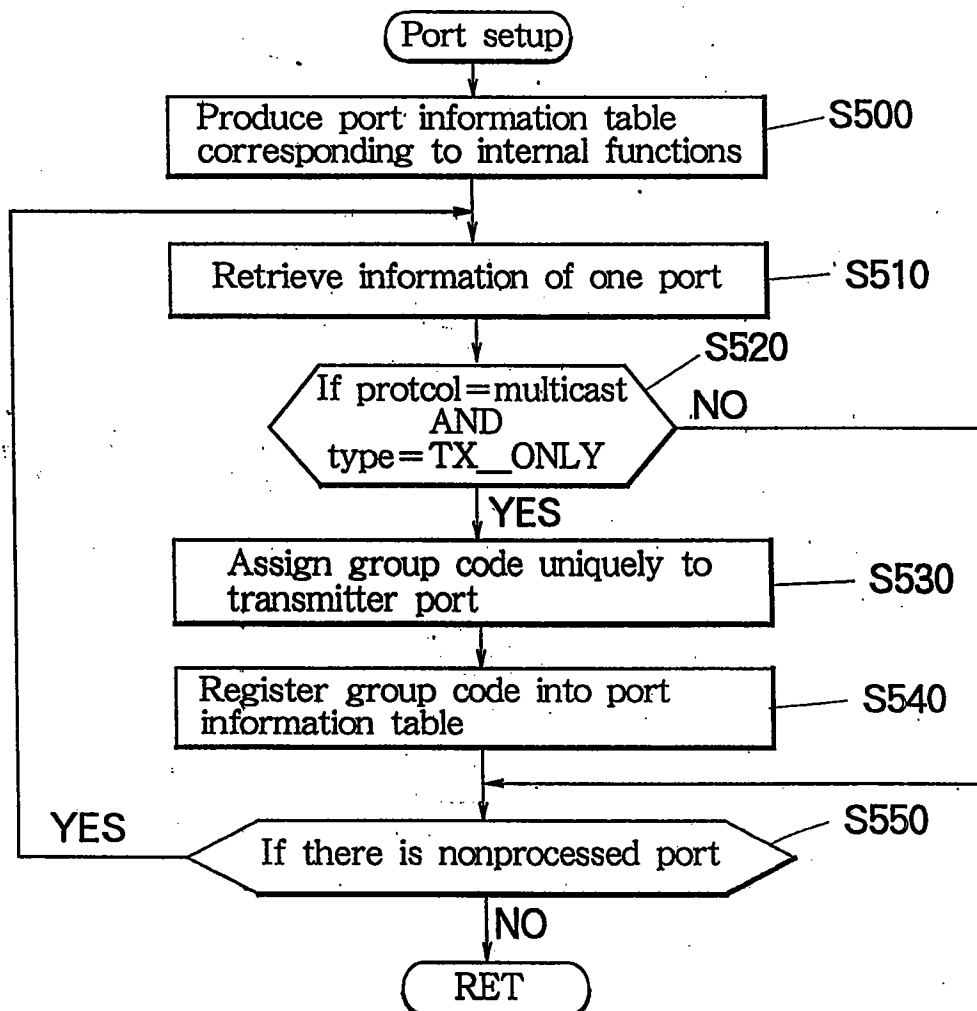


FIG.7

Port information table (Sequencer)

Port No.	Type	Protocol	Group code	Service item
1	RX_ONLY	multicast	d	MIDI Mesg. In (Tr.1)
:	:	:	:	:
16	RX_ONLY	multicast	d	MIDI Mesg. In (Tr.16)
17	TX_ONLY	multicast	10	MIDI Mesg. Out (Tr.1)
18	TX_ONLY	multicast	11	MIDI Mesg. Out (Tr.2)
19	TX_ONLY	multicast	12	MIDI Mesg. Out (Tr.3)
50	TX_AND_RX	transaction	d	Path Info. Manager
60	TX_AND_RX	transaction	d	Control Data In/Out

FIG.8

Path management table (Mixer)

Receiver port No.	Transmitter unique address	Transmitter port No.	Transmitter model code	Path setting status
1	dddd.dddd	10	DDDDDDDDDD	1
2	dddd.dddd	11	DDDDDDDDDD	1
3	eeee.eeee	10	EEEEEEEEEE	1
4	eeee.eeee	11	EEEEEEEEEE	1
5	ffff.ffff	10	FFFFFFFFFF	3
6	ffff.ffff	11	FFFFFFFFFF	3

FIG.9

Path setting status	Connection State
1	Path established state
2	Temporary connection state under request
3	Suspended state
4	Disconnection state under request
5	Connection unable state

FIG.10

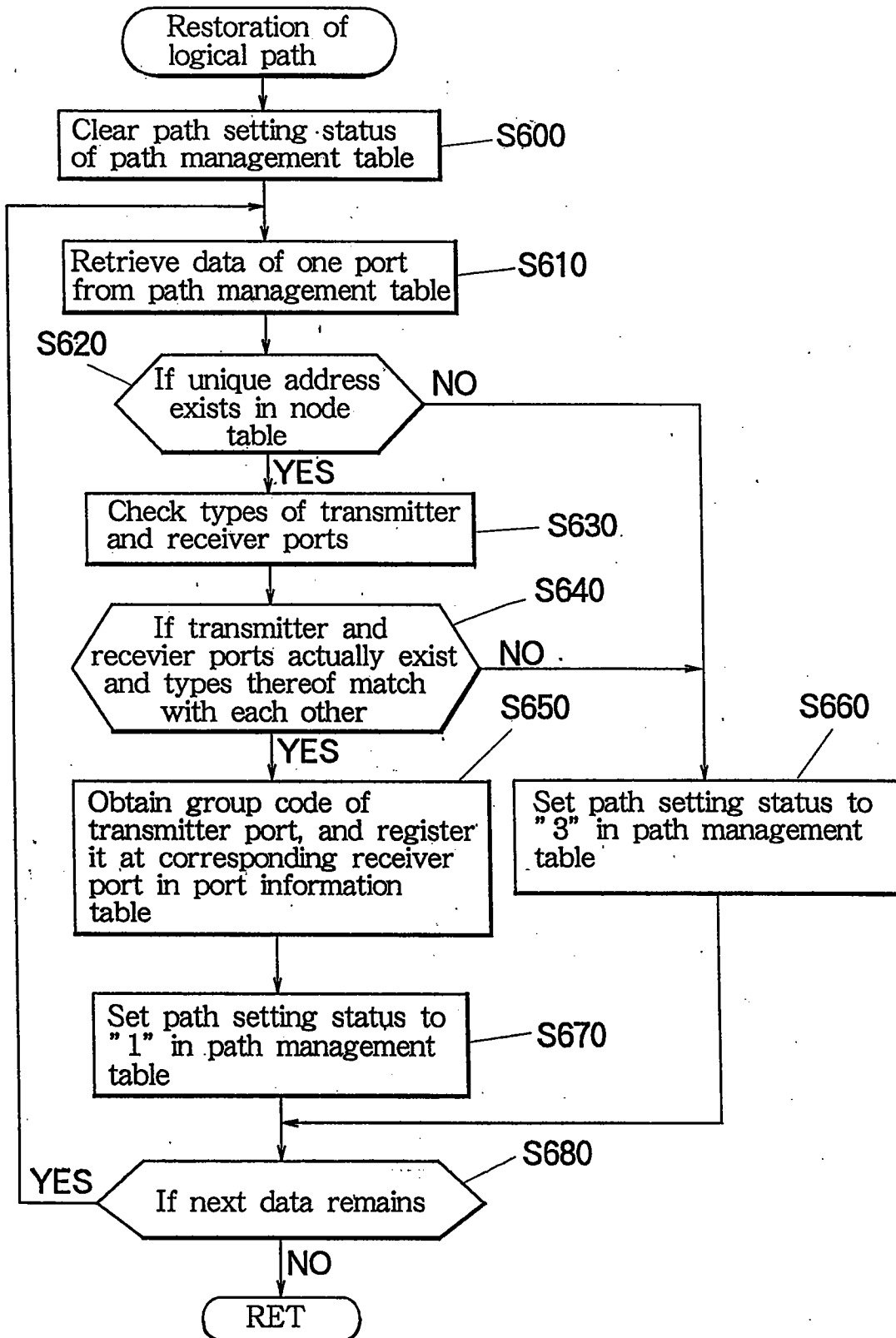


FIG.11

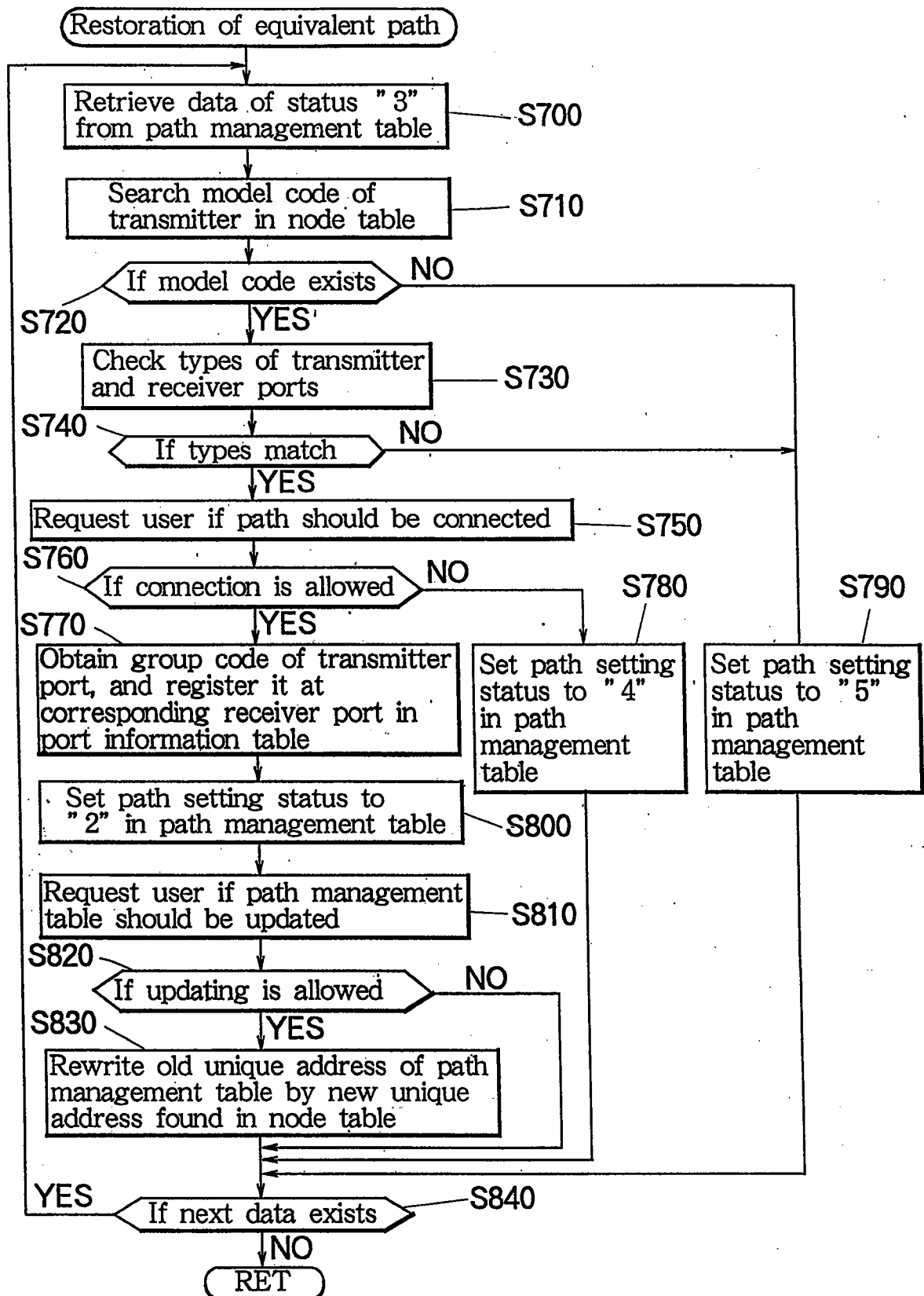


FIG.12

Path management table (Mixer)

Receiver port No.	Transmitter unique address	Transmitter port No.	Transmitter model code	Path setting status
1	dddd.dddd	10	DDDDDDDD	1
2	dddd.dddd	11	DDDDDDDD	1
3	eeee.eeee	10	EEEEEEEE	1
4	eeee.eeee	11	EEEEEEEE	1
5	ffff.abcd	10	FFFFFFFF	2
6	ffff.abcd	11	FFFFFFFF	2

FIG.13

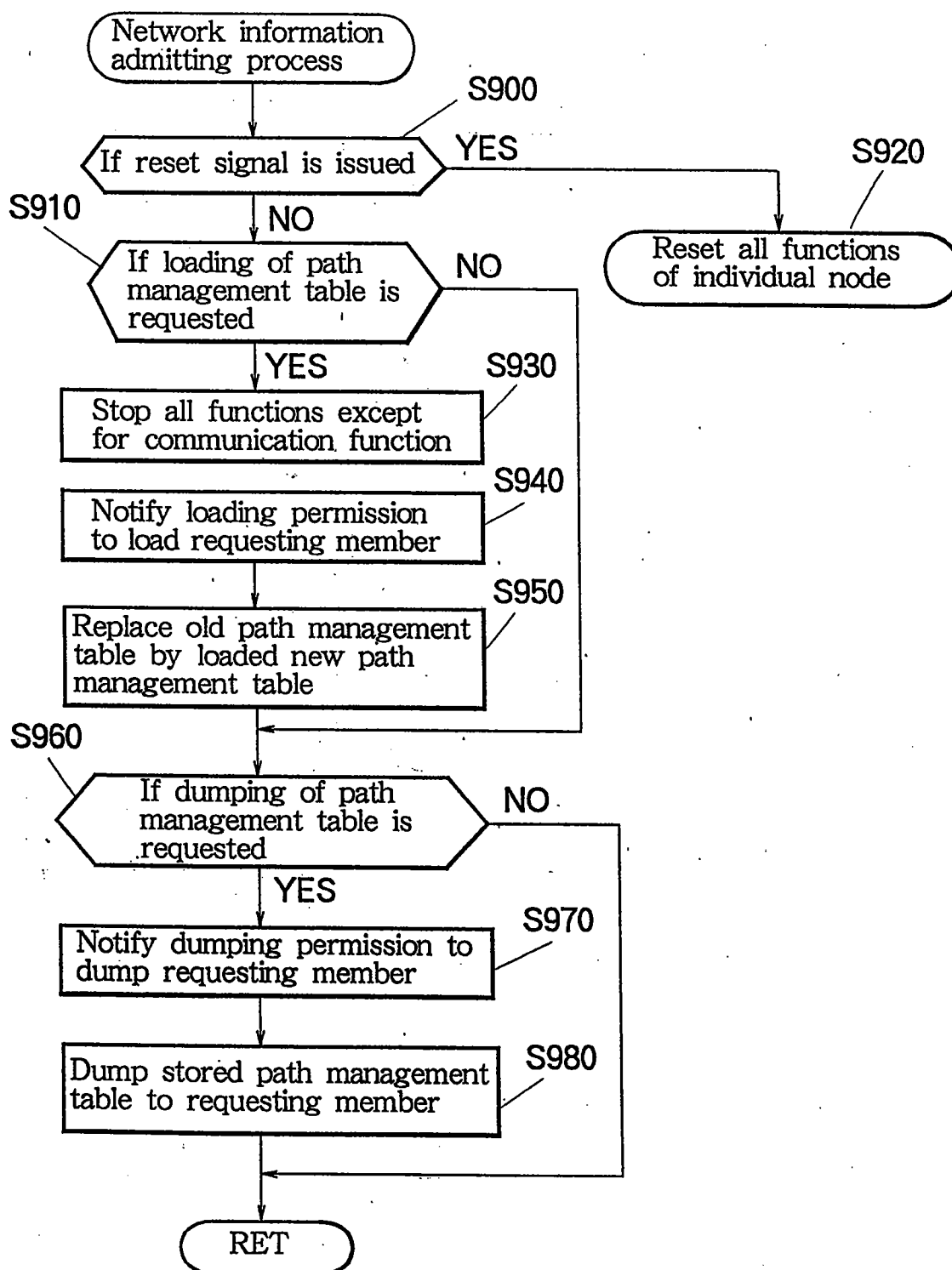


FIG.14

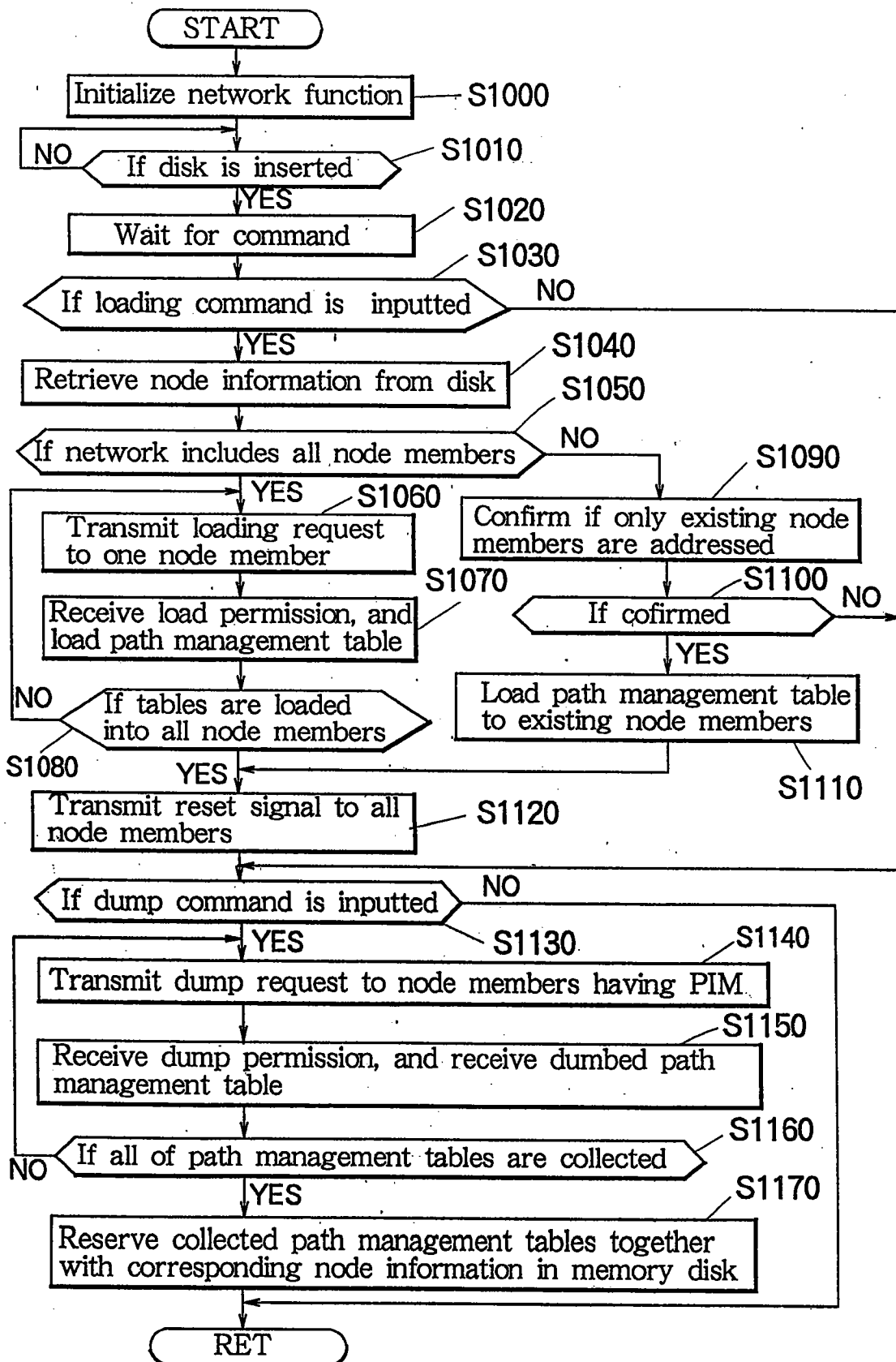


FIG.15A

Unique address
Model code
Path management table
Unique address
Model code
Path management table
Unique address
Model code

FIG.15B

Group code
Transmitter unique address
Transmitter model code
Receiver information
Group code
Transmitter unique address
Transmitter model code
Receiver information

FIG.16

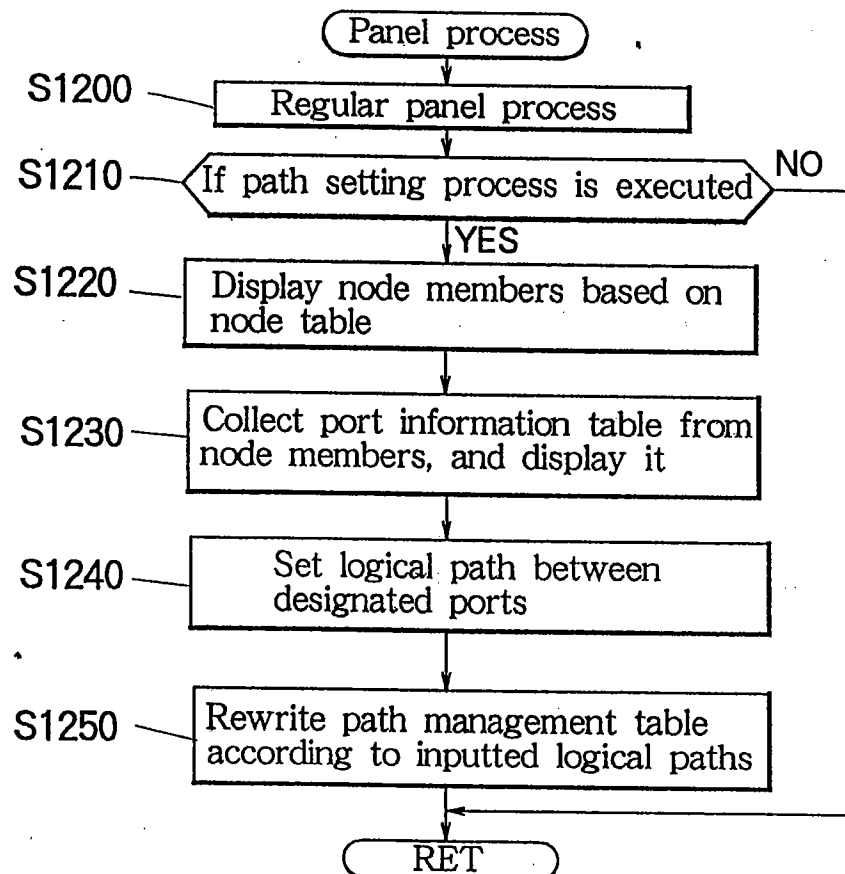


FIG.17

PRIOR ART

