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FIG.1

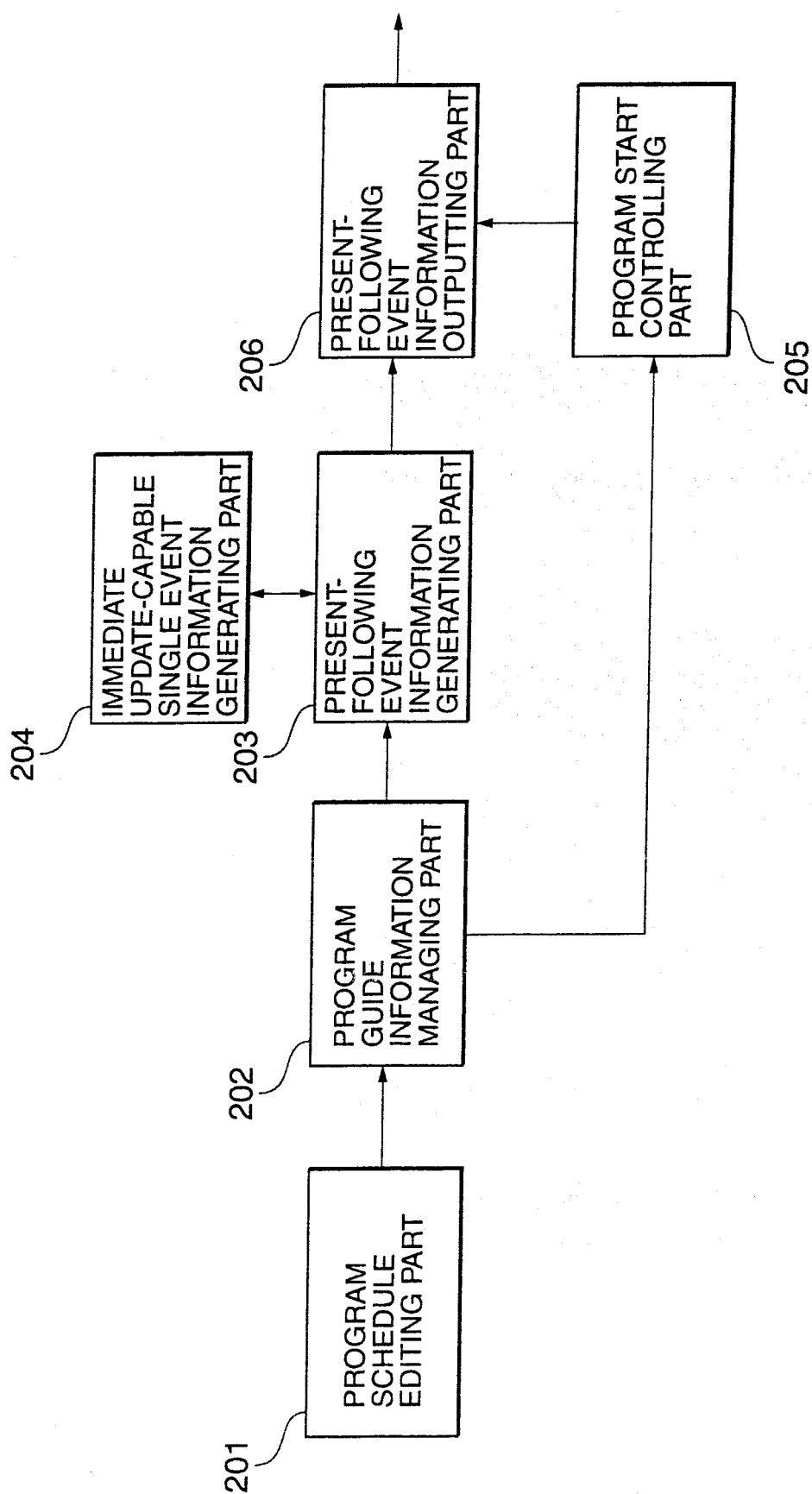
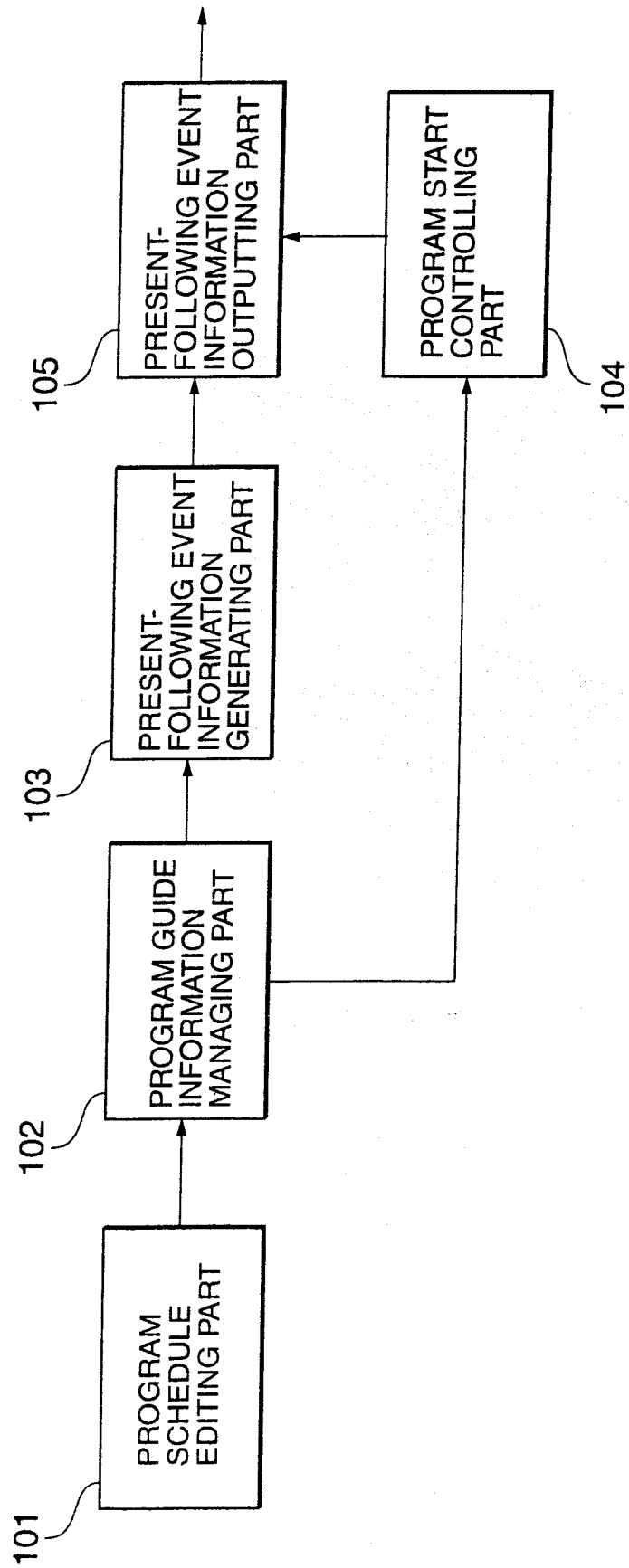


FIG.2



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FIG.3

PROGRAM IDENTIFIER	DURATION TIME	PROGRAM TITLE	PROGRAM DESCRIPTION	CAST
0123	00:30:00	WEATHER FORECAST	WEEKLY WEATHER	YOSHIKO MATSUSHITA
1234	01:00:00	WORLD NEWS	ROUNDUP OF WORLD AFFAIRS	ICHIRO MATSUSHITA
1435	01:25:00	MORNING NEWS	NATIONWIDE NEWS	TARO MATSUSHITA
3450	00:05:00	BITS OF HOME KNOWLEDGE	BITS OF INFORMATION HELPING WITH HOUSEKEEPING	HANAKO MATSUSHITA
6098	00:30:00	SOCCER	WORLD CUP PRELIMINARY	SUSUMU MATSUSHITA

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FIG.4

PROGRAM TRANSMISSION SCHEDULE		
CHANNEL IDENTIFIER	1001	401
BROADCAST STARTING TIME AND DATE	PROGRAM IDENTIFIER	402
1999/12/02 06:00:00	1234	403
1999/12/02 07:00:00	1435	
1999/12/02 08:25:00	3450	
1999/12/02 09:00:00	0123	

FIG.5

NUMBER OF CHANNEL	5	501
CHANNEL IDENTIFIER	1001	502
CHANNEL IDENTIFIER	1002	503
⋮	⋮	
CHANNEL IDENTIFIER	1005	

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FIG.6

TYPE OF PROGRAM GUIDE INFORMATION	PRESENT-FOLLOWING EVENT INFORMATION TRANSMISSION SCHEDULE		601
CHANNEL IDENTIFIER	1001		602
BROADCAST STARTING TIME AND DATE	PRESENT PROGRAM IDENTIFIER	FOLLOWING EVENT IDENTIFIER	603
1999/12/02 06:00:00	1234	1435	604
1999/12/02 07:00:00	1435	3450	
1999/12/02 08:25:00	3450	0123	
1999/12/02 09:00:00	0123	UNESTABLISHED	605

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FIG.7

TYPE OF PROGRAM GUIDE INFORMATION		SINGLE EVENT INFORMATION	701
CHANNEL IDENTIFIER		1001	702
PROGRAM IDENTIFIER		1234	703
START TIME		1999/12/02 06:00:00	704
DURATION TIME		01:00:00	705
PROGRAM INFORMATION	PROGRAM TITLE	WORLD NEWS	706
	PROGRAM DESCRIPTION	ROUNDUP OF WORLD AFFAIRS	707
	CAST	ICHIRO MATSUSHITA	708

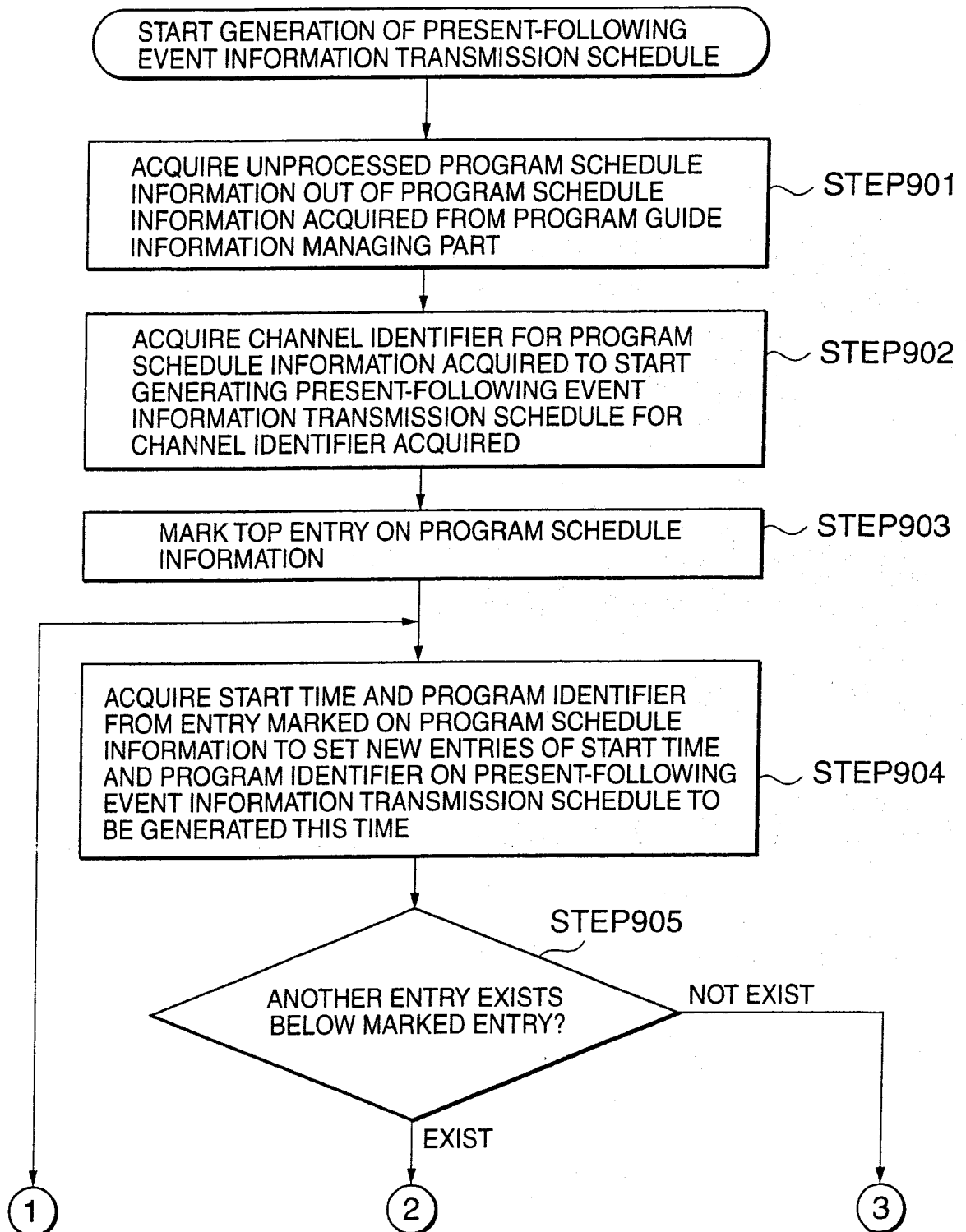
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FIG.8

TYPE OF PROGRAM GUIDE INFORMATION		SINGLE EVENT INFORMATION
CHANNEL IDENTIFIER		1002
PROGRAM IDENTIFIER		1234
START TIME		UNDECIDED
DURATION TIME		01:00:00
PROGRAM INFORMATION	PROGRAM TITLE	WORLD NEWS
	PROGRAM DESCRIPTION	ROUNDUP OF WORLD AFFAIRS
	CAST	ICHIRO MATSUSHITA

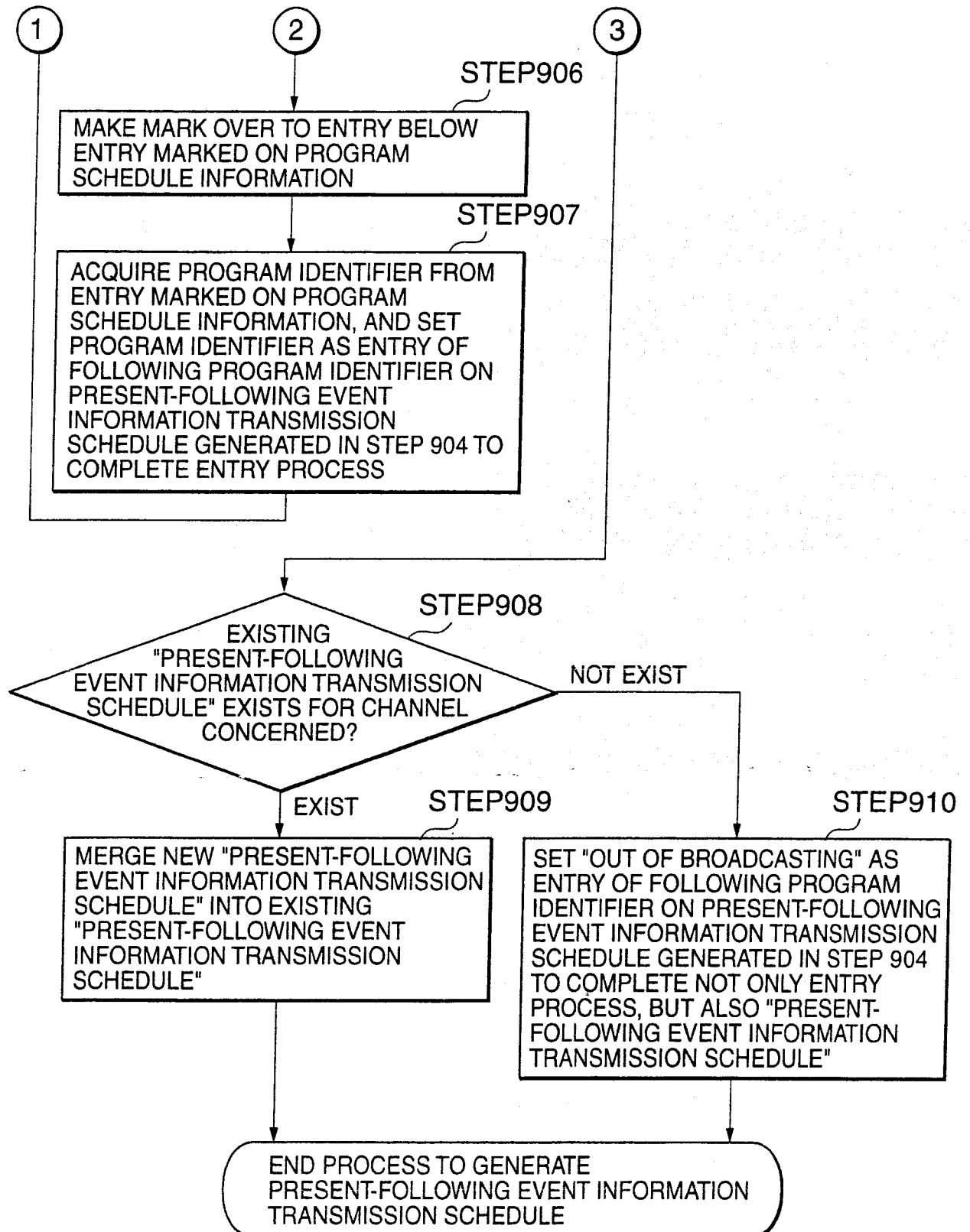
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FIG.9A



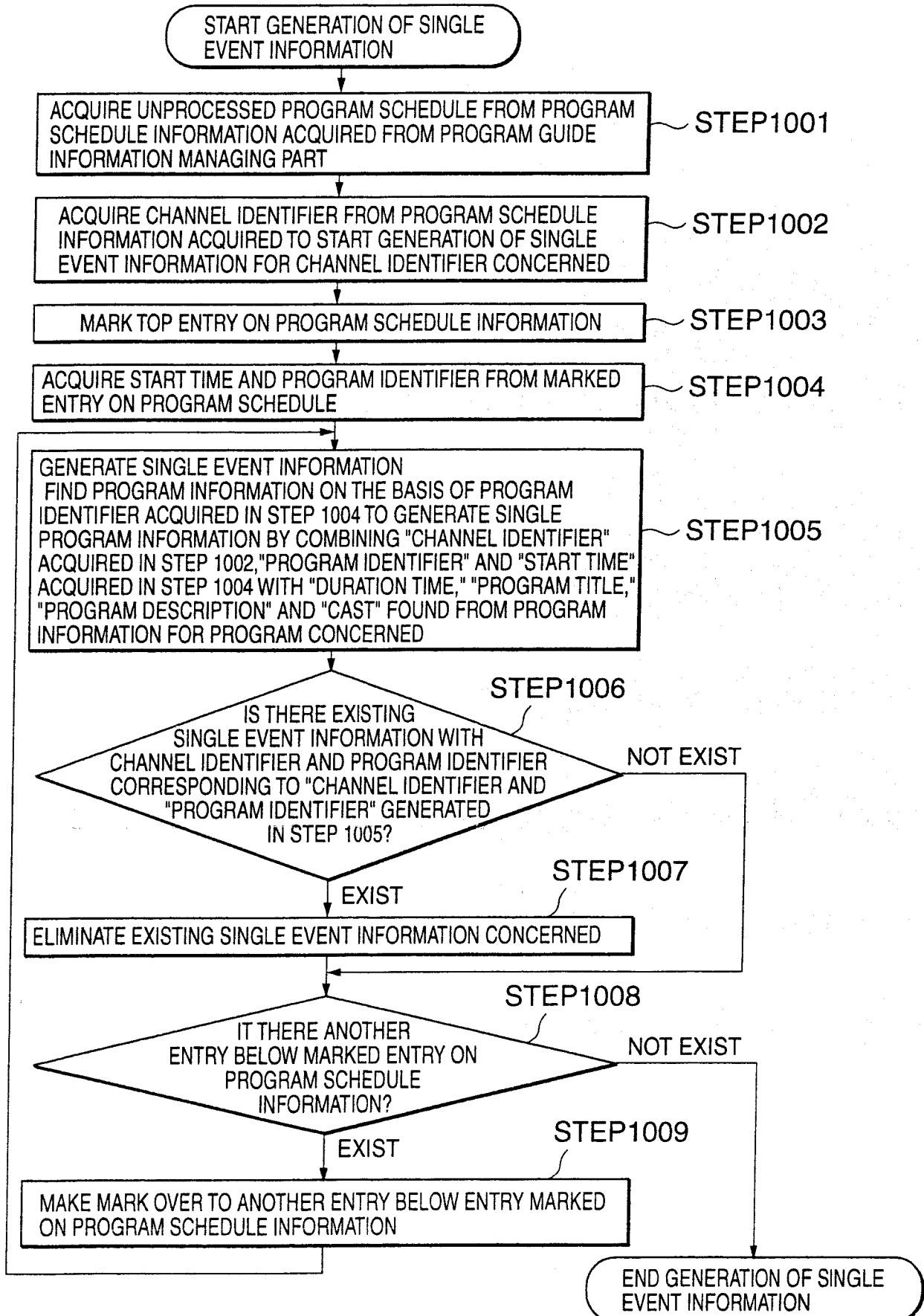
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FIG.9B



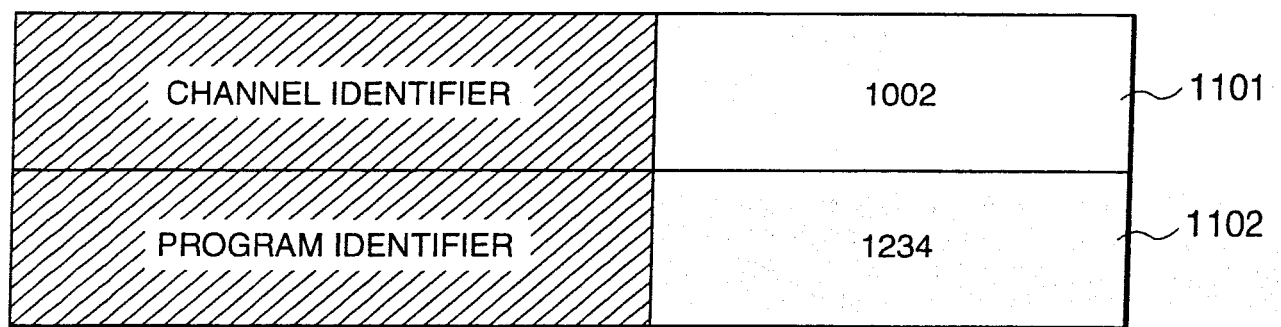
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FIG.10



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FIG.11



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FIG.12A

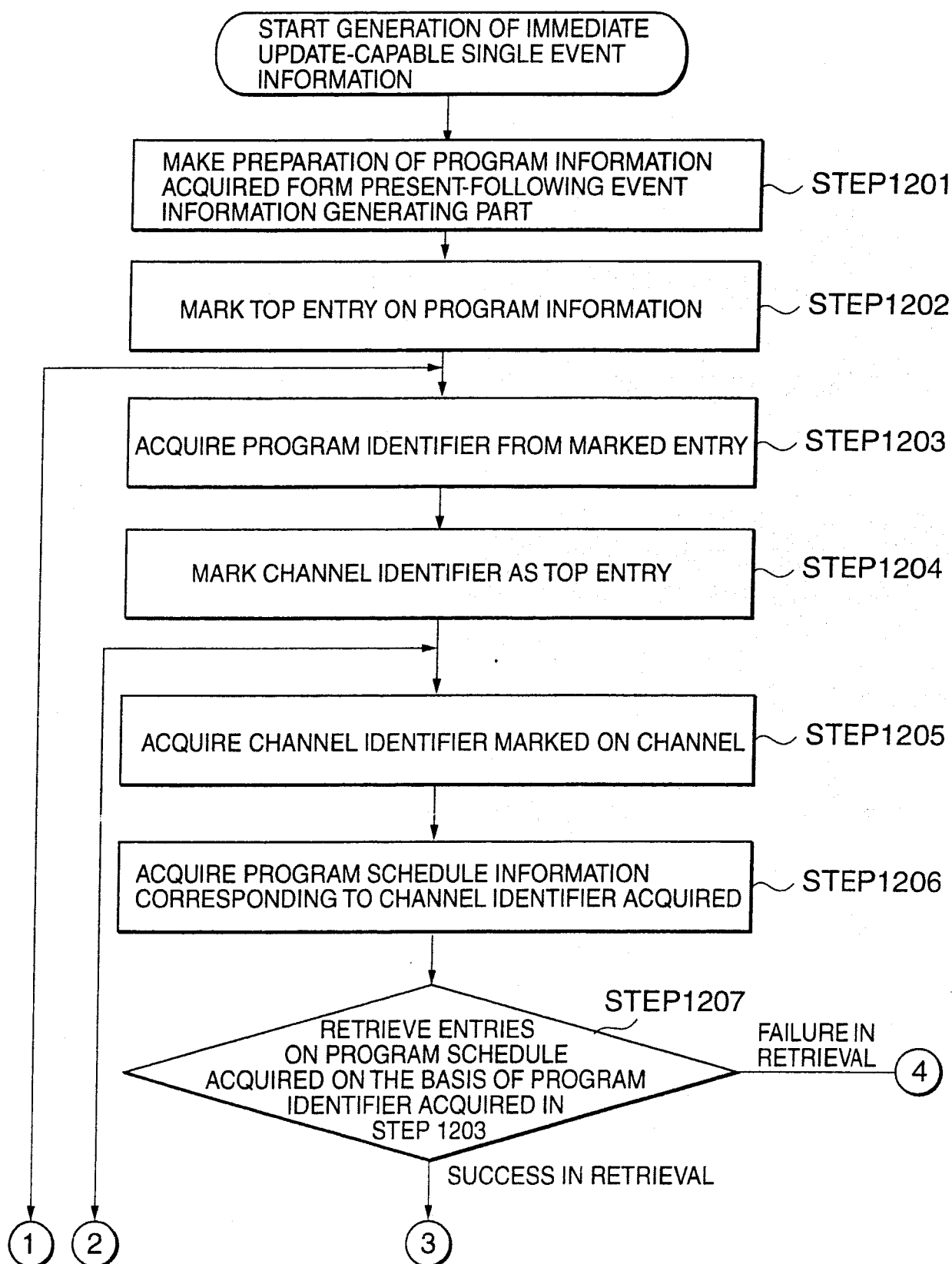
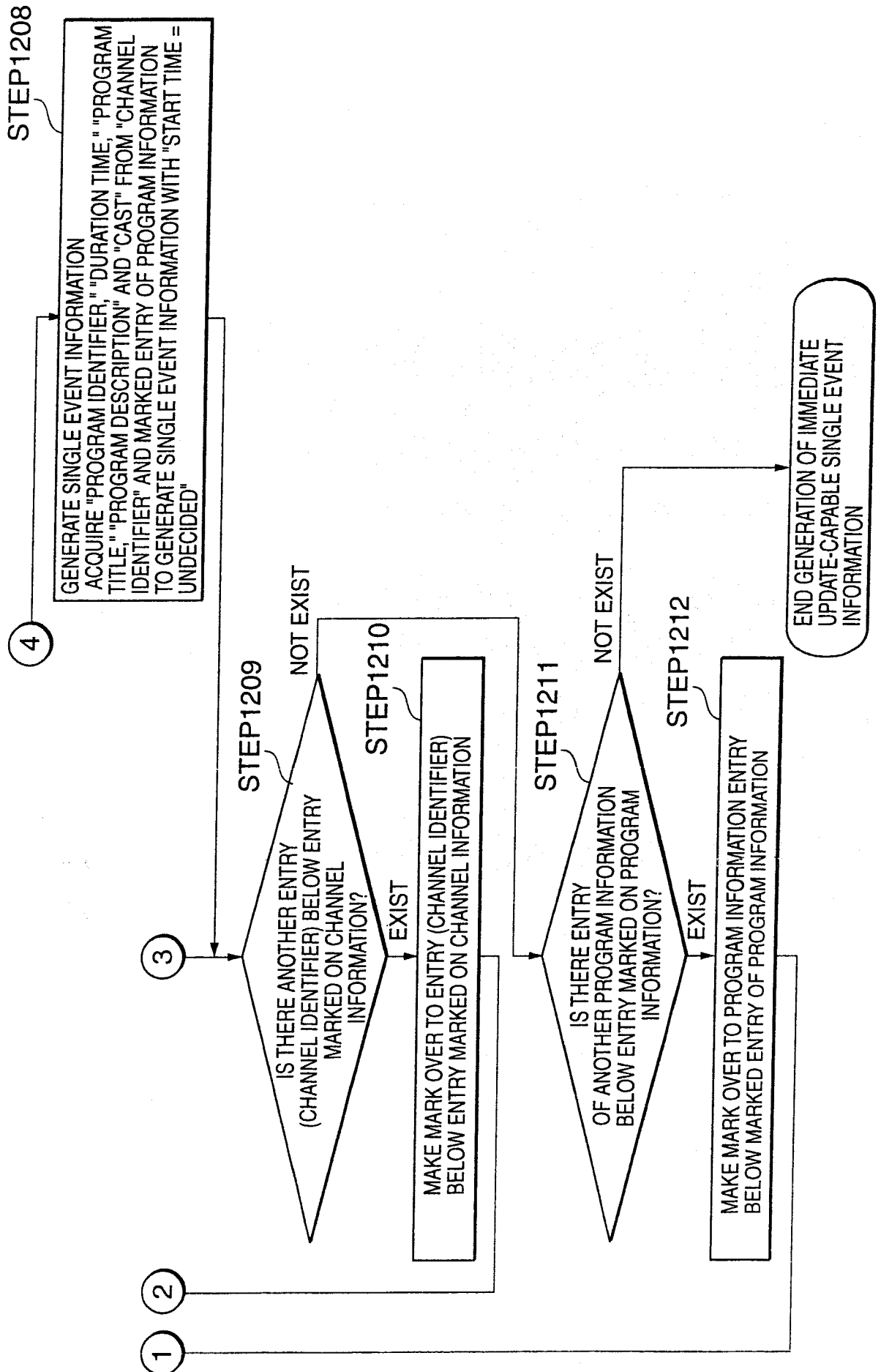
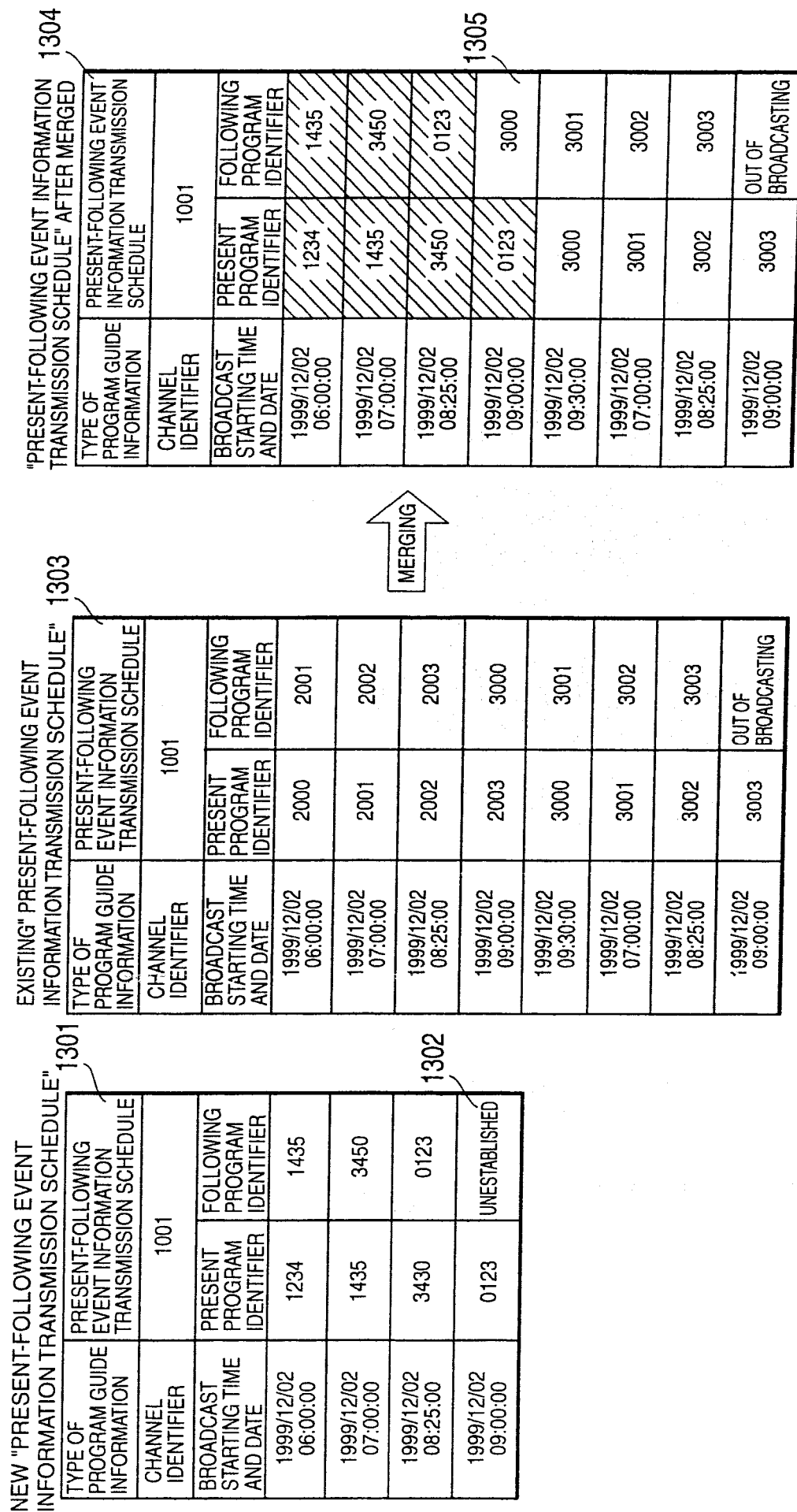


FIG. 12B



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FIG.13



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FIG.14A

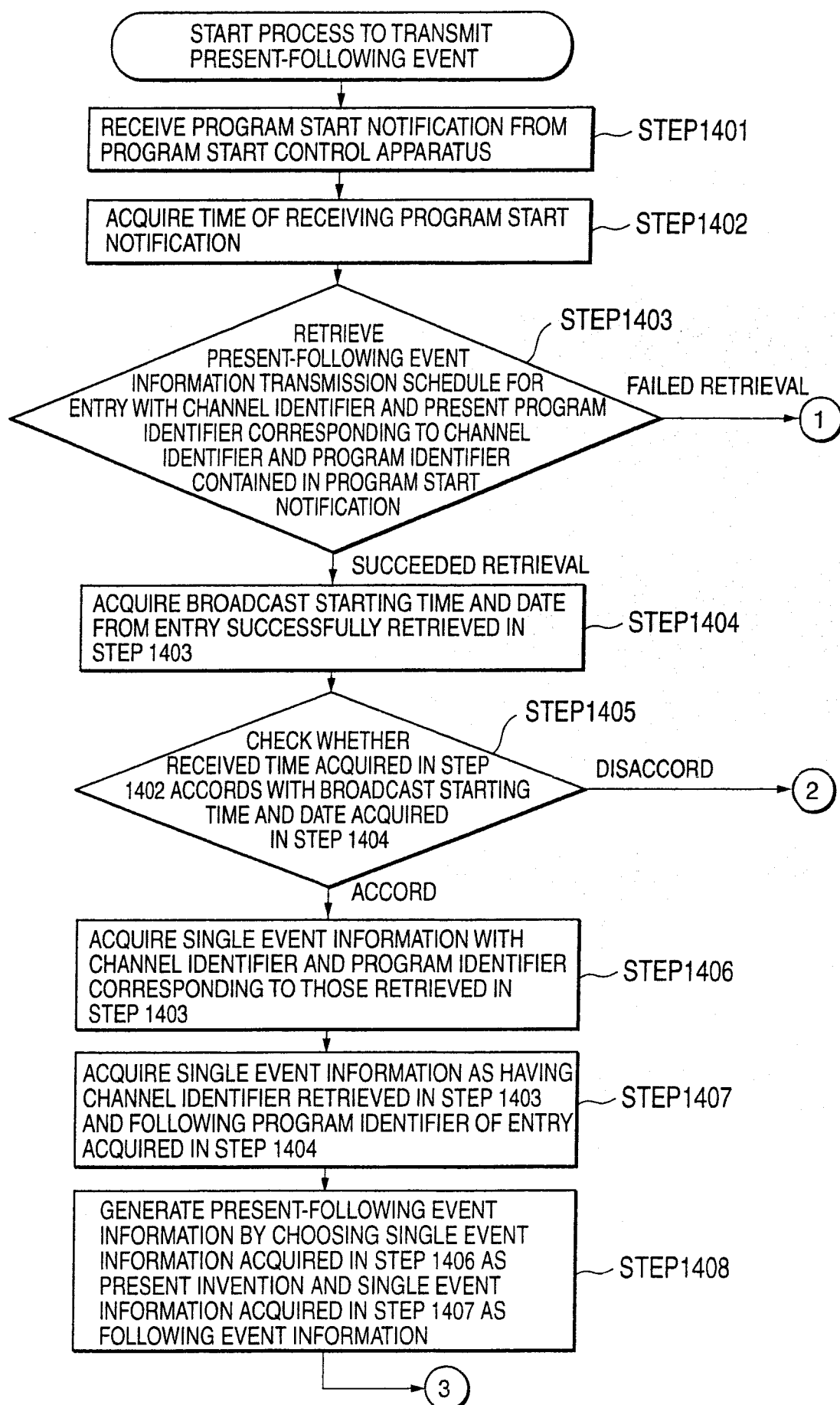


FIG.14B

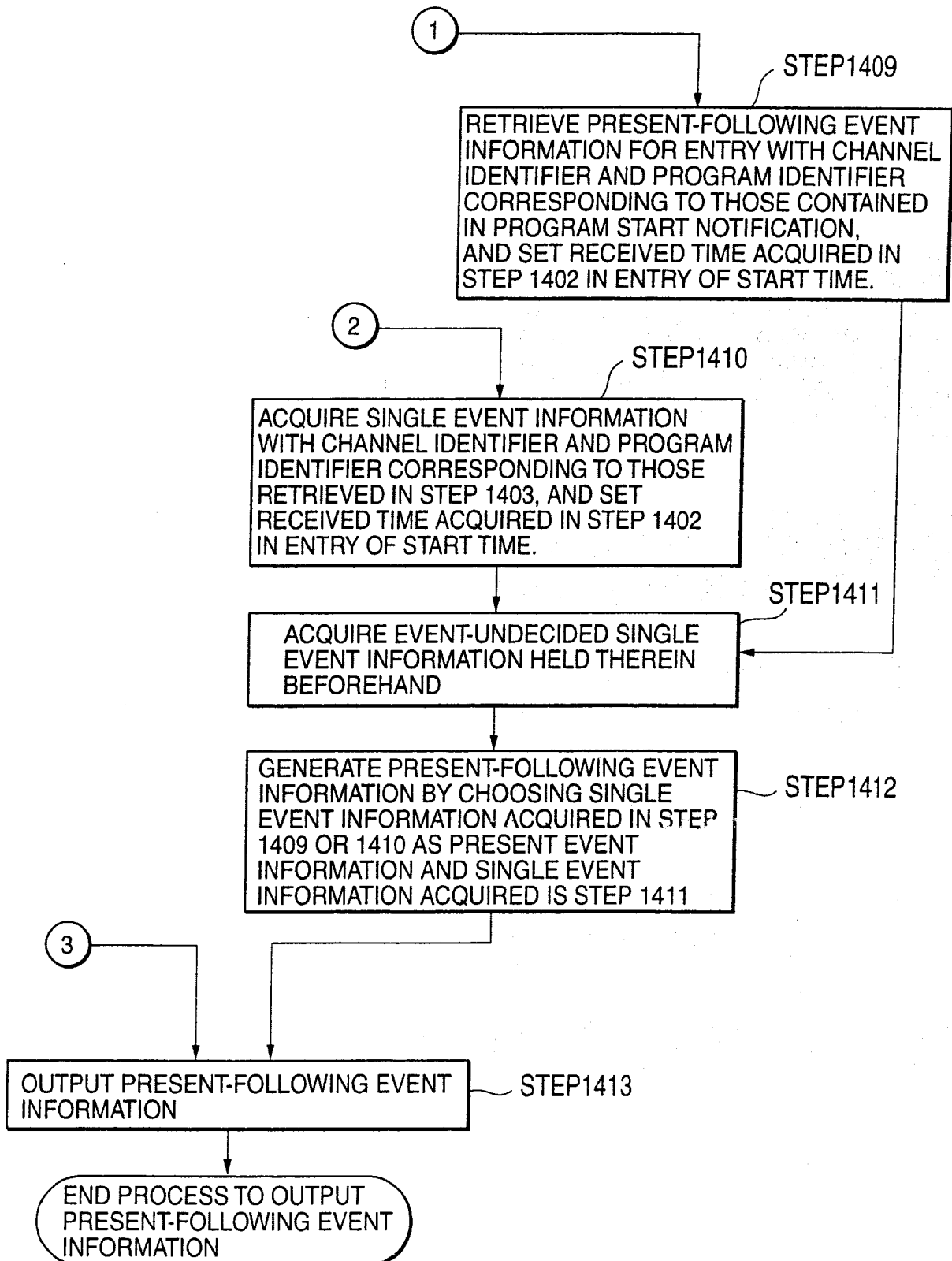


FIG.15

PRESENT-FOLLOWING EVENT INFORMATION

TYPE OF PROGRAM GUIDE INFORMATION			PRESENT-FOLLOWING EVENT INFORMATION	1501
CHANNEL IDENTIFIER			1001	1502
PRESENT EVENT INFORMATION	PROGRAM IDENTIFIER		1234	1503
	START TIME		1999/12/02 06:00:00	
	DURATION TIME		01:00:00	
	PROGRAM INFORMATION	PROGRAM TITLE	WORLD NEWS	
		PROGRAM DESCRIPTION	ROUNDUP OF WORLD AFFAIRS	
		CAST	ICHIRO MATSUSHITA	
	PROGRAM IDENTIFIER		1435	1504
FOLLOWING EVENT INFORMATION	START TIME		1999/12/02 07:00:00	
	DURATION TIME		00:30:00	
	PROGRAM INFORMATION	PROGRAM TITLE	MORNING NEWS	
		PROGRAM DESCRIPTION	NATIONWIDE NEWS	
		CAST	TARO MATSUSHITA	

FIG.16

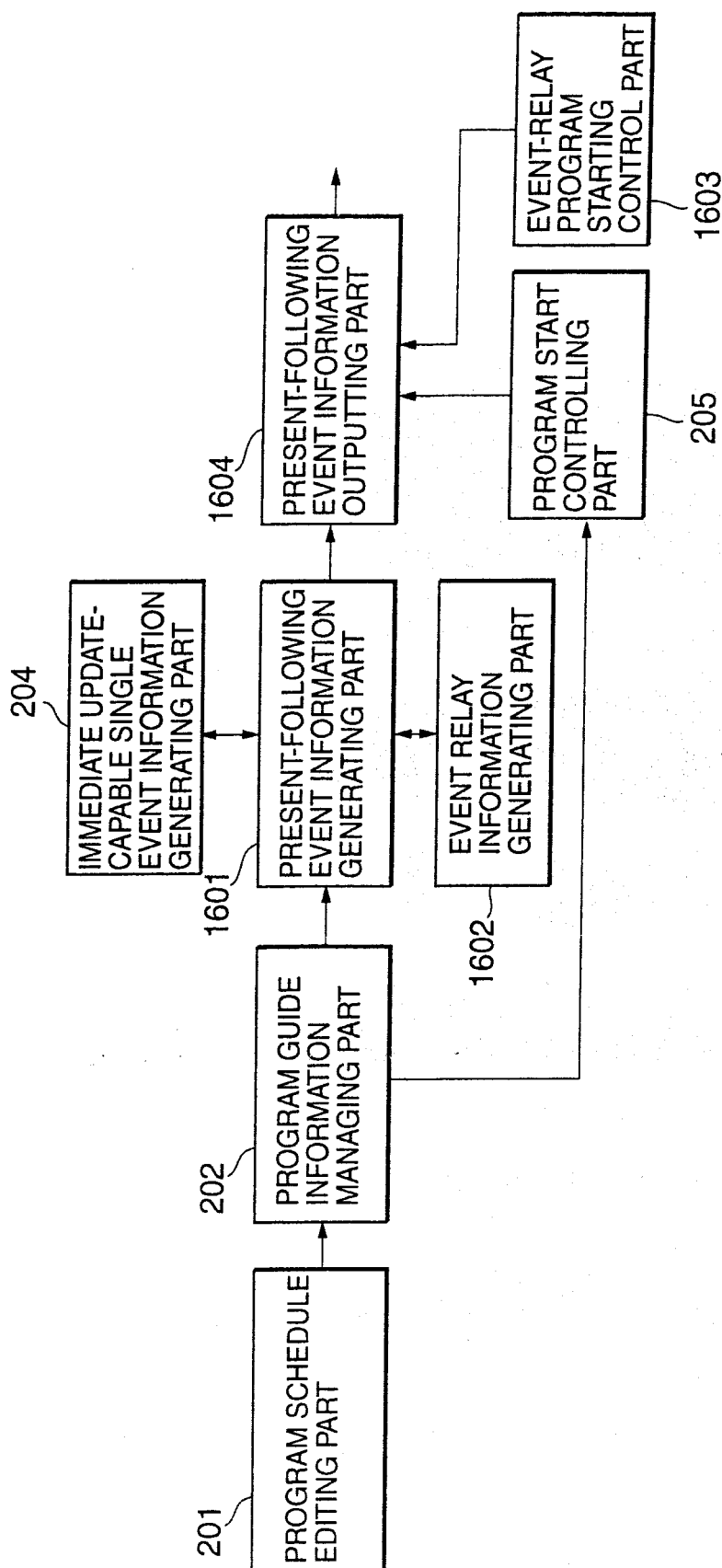


FIG.17

TYPE OF PROGRAM INFORMATION GUIDE		SINGLE EVENT INFORMATION WITH EVENT RELAY INFORMATION	1701
CHANNEL IDENTIFIER		1001	
PROGRAM IDENTIFIER		1234	
START TIME		1999/12/02 06:00:00	
DURATION TIME		01:00:00	
PROGRAM INFORMATION	PROGRAM TITLE	WORLD NEWS	1702
	DETAILED PROGRAM DESCRIPTION	ROUNDUP OF WORLD AFFAIRS	
	CAST	ICHIRO MATSUSHITA	
EVENT RELAY INFORMATION	SWITCHING DESTINATION CHANNEL IDENTIFIER	UNESTABLISHED	1703
	SWITCHING DESTINATION PROGRAM IDENTIFIER	UNESTABLISHED	1704
	CHANNEL SWITCHING TIME	UNESTABLISHED	

FIG.18A

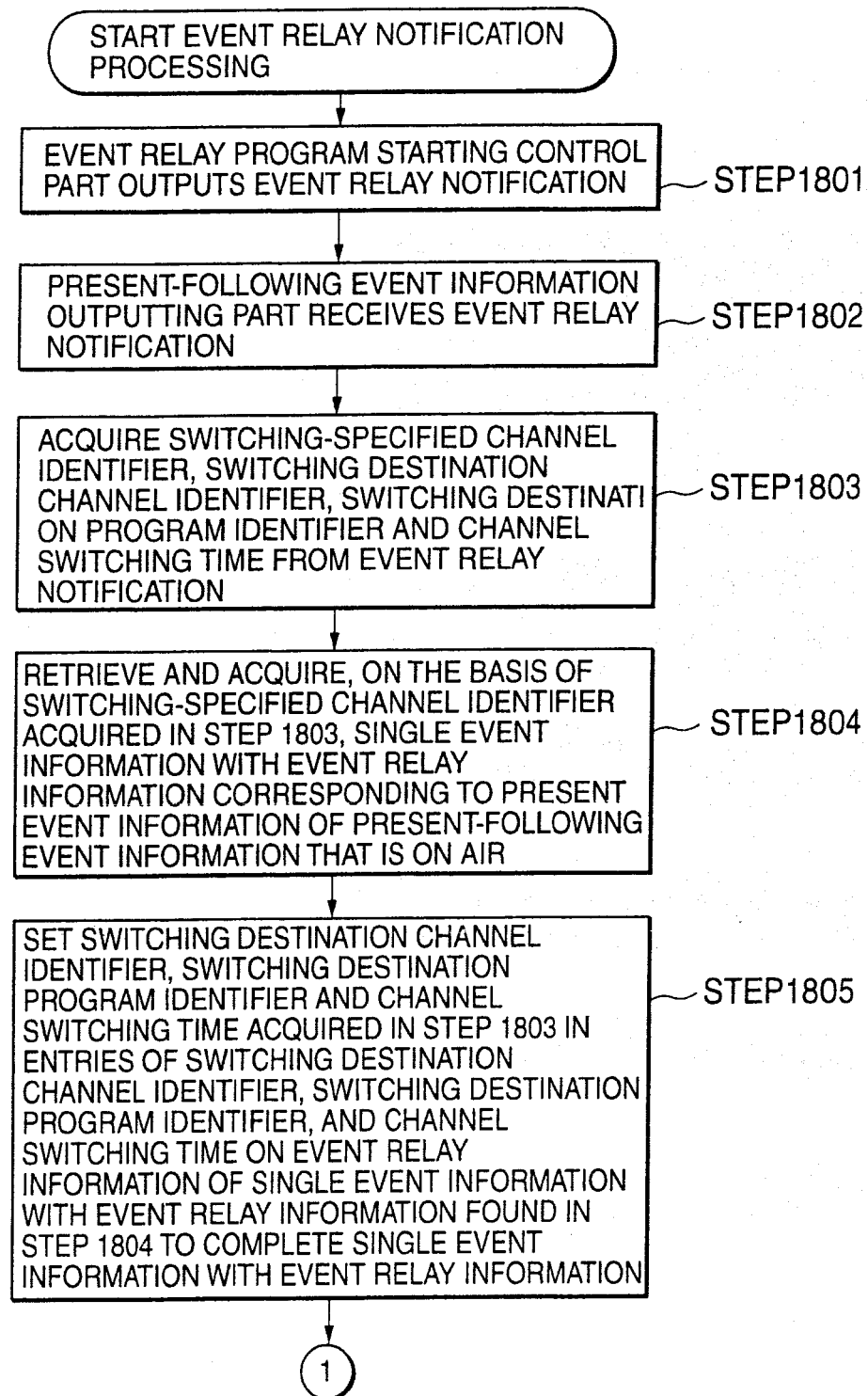


FIG.18B

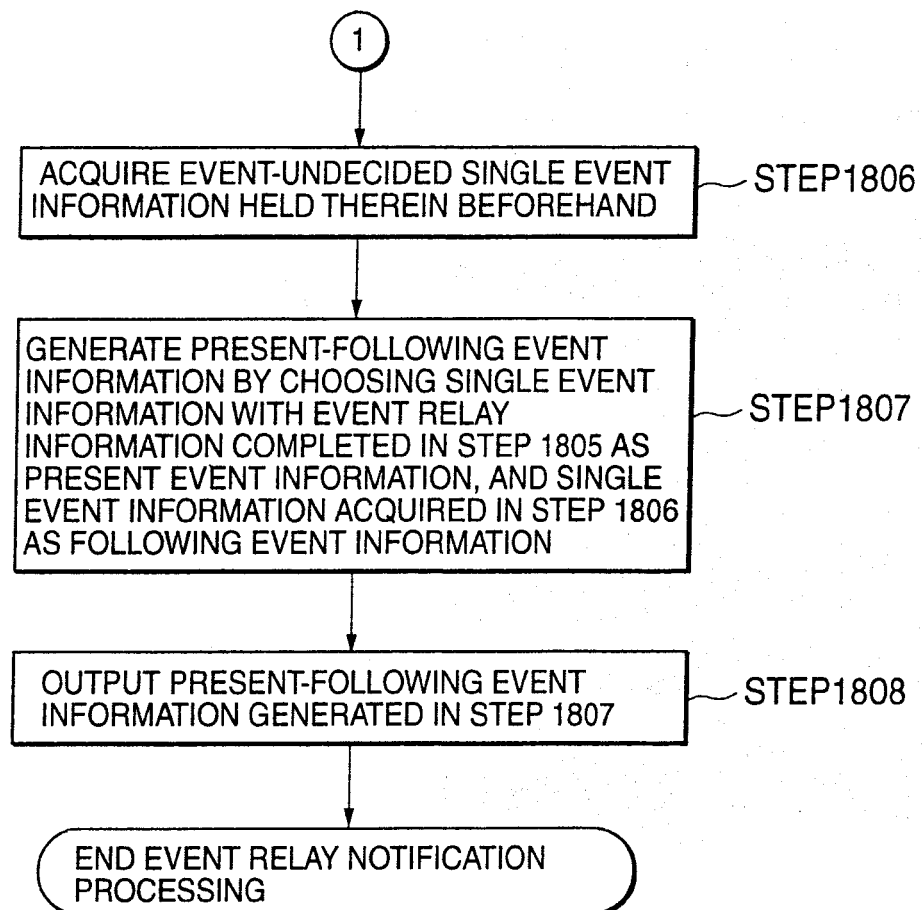


FIG.19

SWITCHING-SPECIFIED CHANNEL IDENTIFIER	1001	1901
SWITCHING DESTINATION CHANNEL IDENTIFIER	1002	1902
SWITCHING DESTINATION PROGRAM IDENTIFIER	1234	1903
CHANNEL SWITCHING TIME	1999/12/02 06:45:00	1904

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FIG.20

TYPE OF PROGRAM INFORMATION GUIDE		SINGLE EVENT INFORMATION WITH EVENT RELAY INFORMATION	2001
CHANNEL IDENTIFIER		1001	
PROGRAM IDENTIFIER		1234	
START TIME		1999/12/02 06:00:00	
DURATION TIME		01:00:00	
PROGRAM INFORMATION	PROGRAM TITLE	WORLD NEWS	
	DETAILED PROGRAM DESCRIPTION	ROUNDUP OF WORLD AFFAIRS	
	CAST	ICHIRO MATSUSHITA	
EVENT RELAY INFORMATION	SWITCHING DESTINATION CHANNEL IDENTIFIER	1002	2002
	SWITCHING DESTINATION PROGRAM IDENTIFIER	1234	
	CHANNEL SWITCHING TIME	1999/12/02 06:45:00	2003

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FIG.21

TYPE OF PROGRAM INFORMATION GUIDE			PRESENT/ FOLLOWING EVENT INFORMATION
PRESENT EVENT INFORMATION	CHANNEL IDENTIFIER		1001
	PROGRAM IDENTIFIER		1234
	START TIME		1999/12/02 06:00:00
	DURATION TIME		01:00:00
	PROGRAM INFORMATION	PROGRAM TITLE	WORLD NEWS
		DETAILED PROGRAM DESCRIPTION	ROUNDUP OF WORLD AFFAIRS
		CAST	ICHIRO MATSUSHITA
	EVENT RELAY INFORMATION	SWITCHING DESTINATION CHANNEL IDENTIFIER	1002 ~ 2101
		SWITCHING DESTINATION PROGRAM IDENTIFIER	1234 ~ 2102
		CHANNEL SWITCHING TIME	1999/12/02 06:45:00 ~ 2103
FOLLOWING EVENT INFORMATION	CHANNEL IDENTIFIER		1001 ~ 2104
	PROGRAM IDENTIFIER		UNDECIDED
	START TIME		UNDECIDED
	DURATION TIME		UNDECIDED
	PROGRAM INFORMATION	PROGRAM TITLE	UNDECIDED
		DETAILED PROGRAM DESCRIPTION	UNDECIDED
		CAST	UNDECIDED

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FIG.22

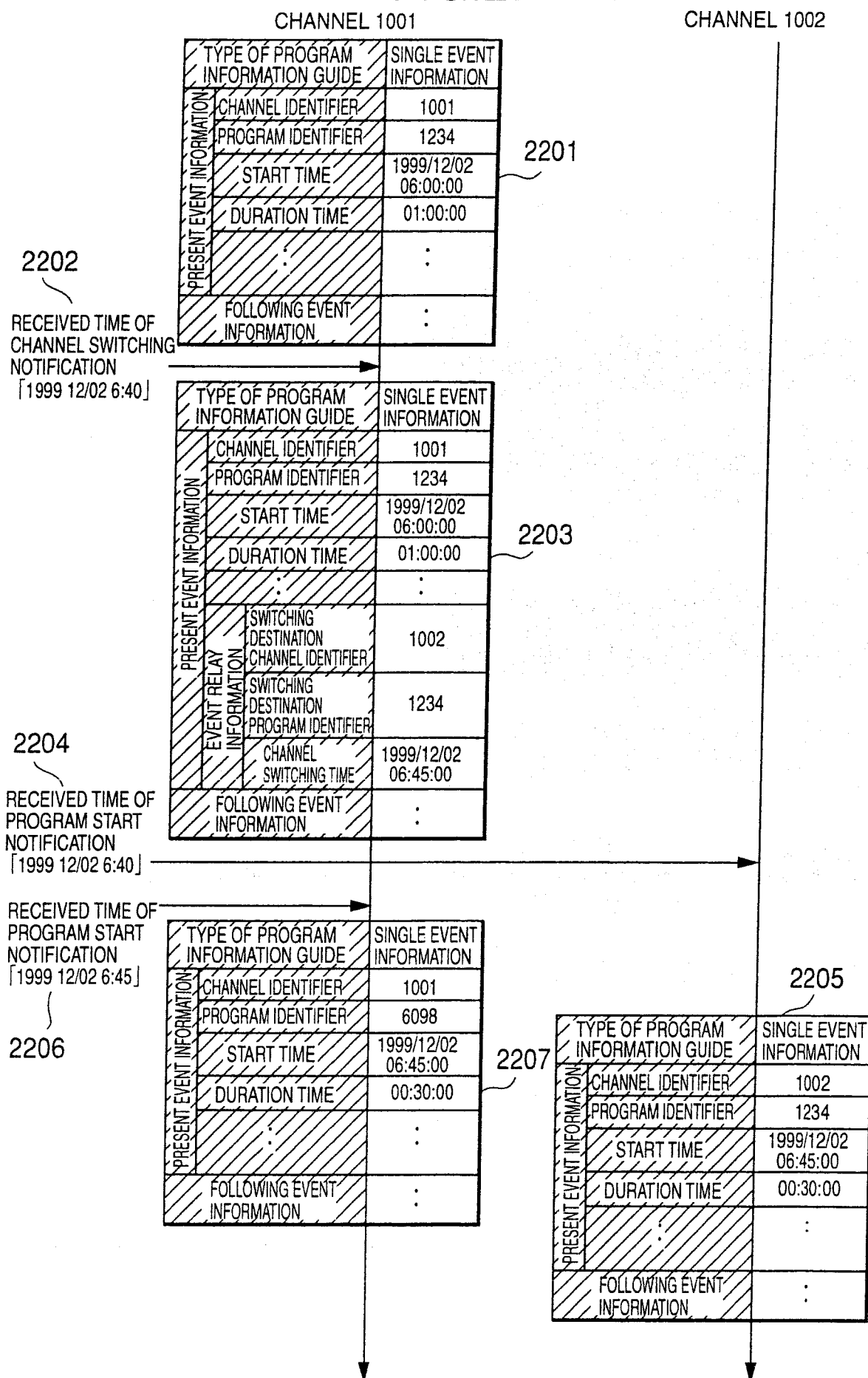


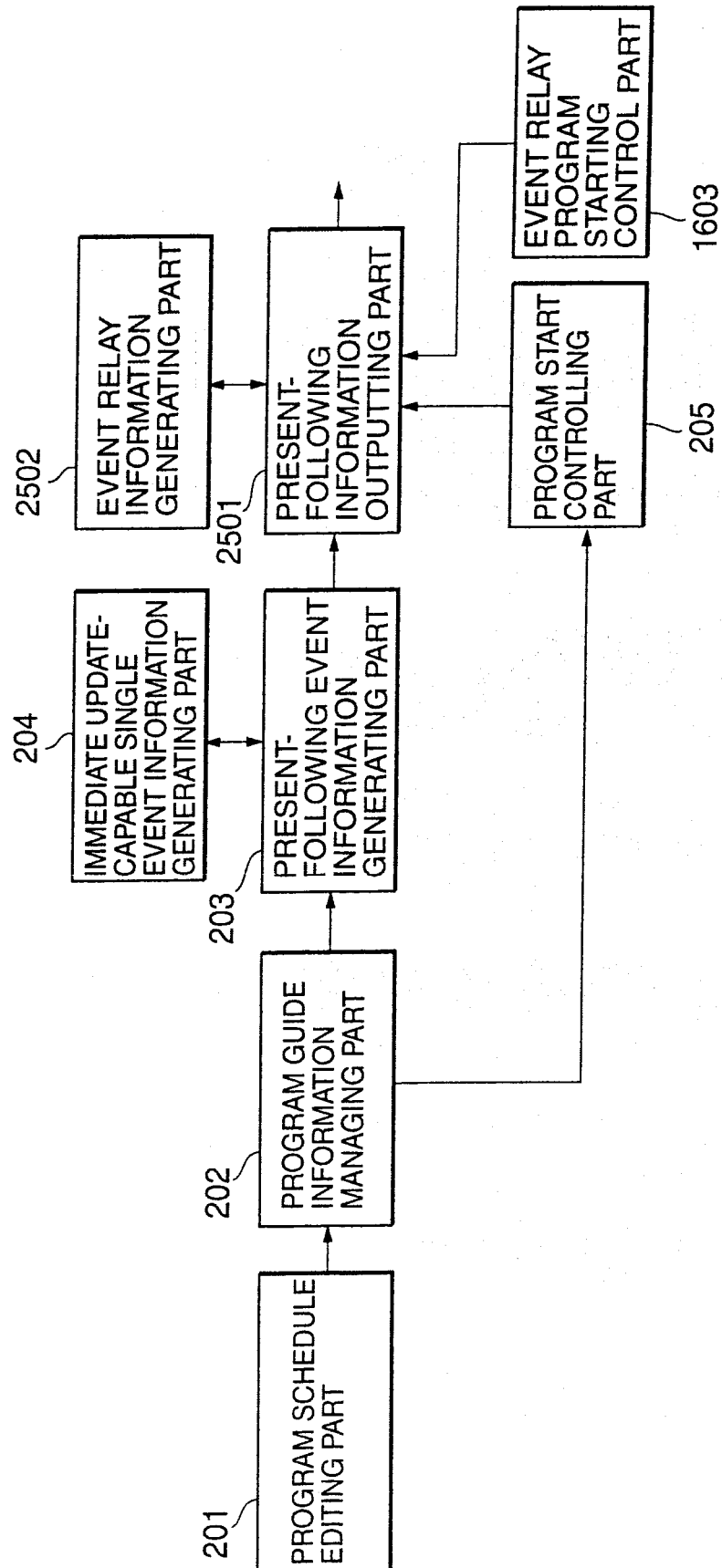
FIG.23

CHANNEL IDENTIFIER	1002
PROGRAM IDENTIFIER	1234

FIG.24

CHANNEL IDENTIFIER	1001
PROGRAM IDENTIFIER	6098

FIG.25



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FIG.26A

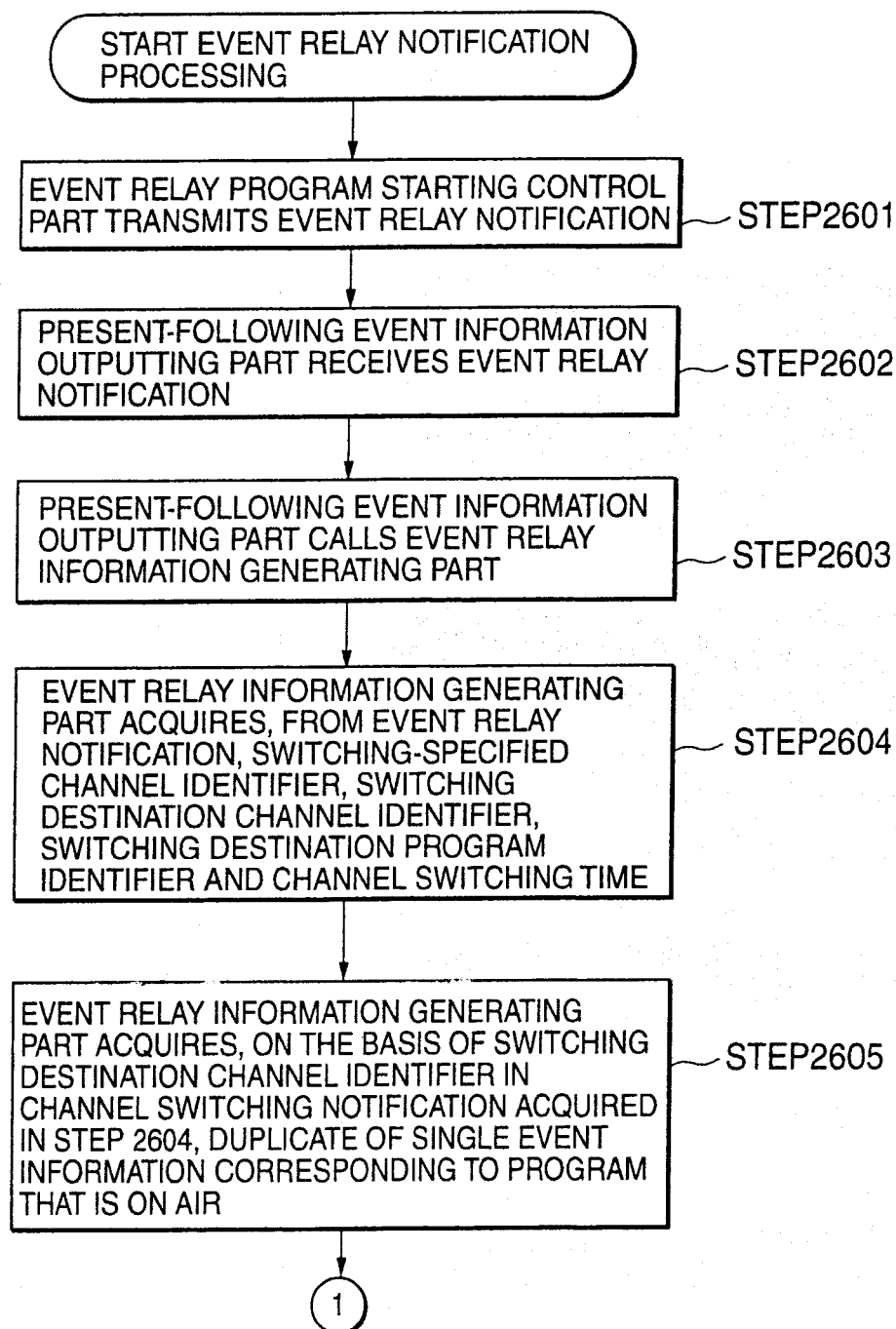


FIG.26B

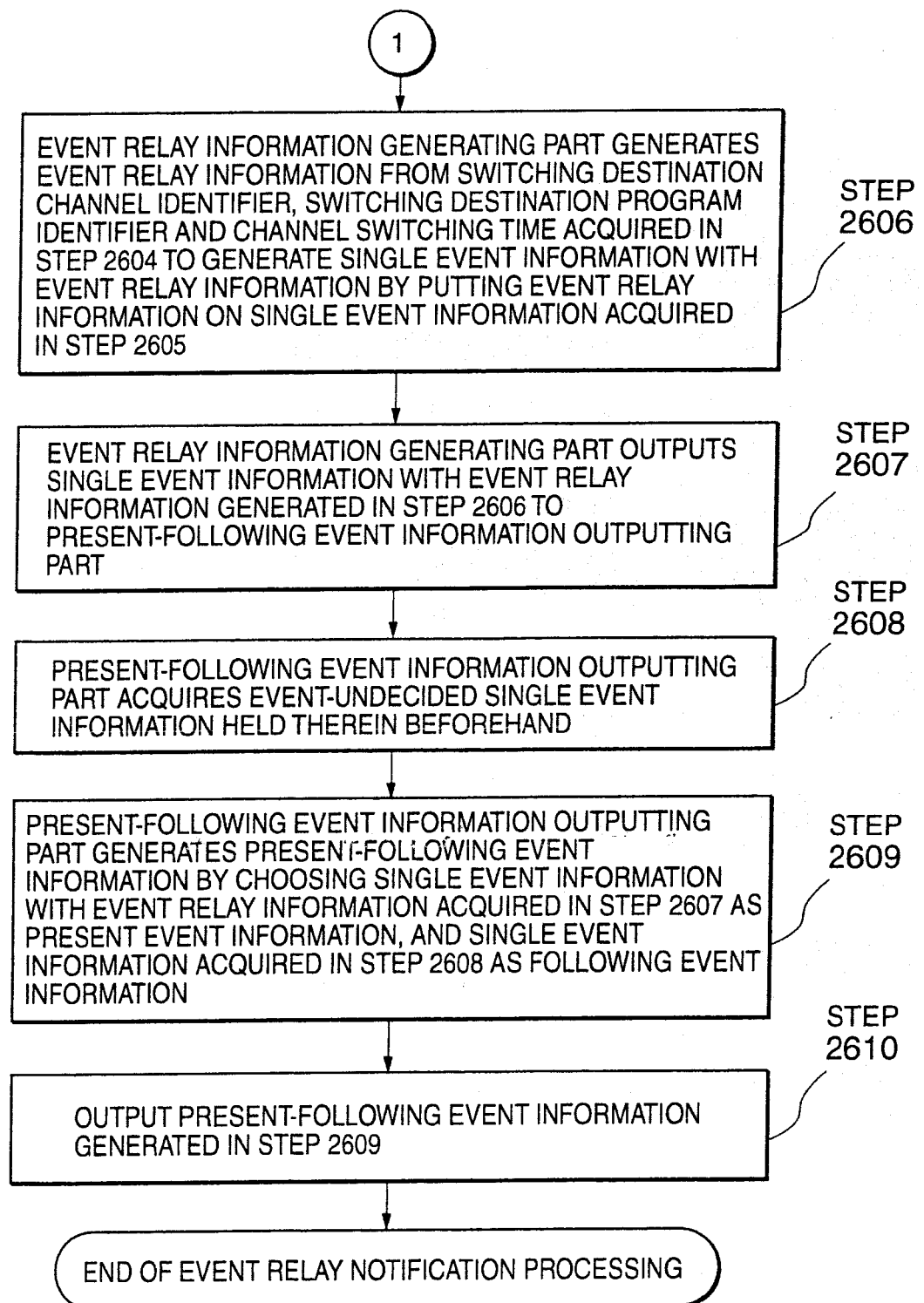


FIG.27

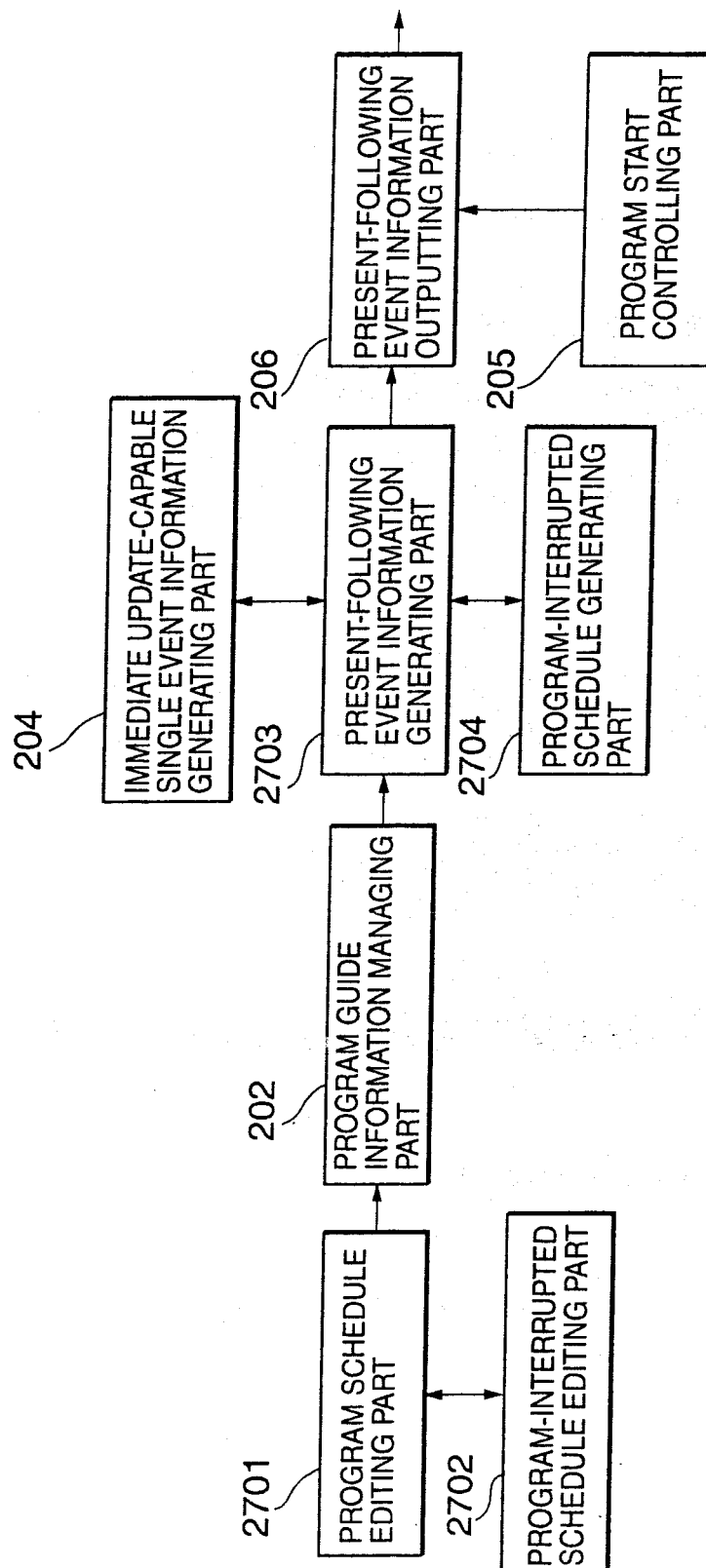


FIG.28

PROGRAM-INTERRUPTED SCHEDULE			2801
CHANNEL IDENTIFIER	1001		
BROADCAST STARTING TIME AND DATE	PROGRAM IDENTIFIER	PROGRAM INTERRUPT INFORMATION	2802
1999/12/02 06:00:00	1234	SPLIT PROGRAM	
1999/12/02 07:00:00	1435	INTERRUPT PROGRAM	2803
1999/12/02 08:25:00	1234	SPLIT PROGRAM	2804
1999/12/02 09:00:00	0123	NO INTERRUPT	
1999/12/02 10:00:00	5874	NO INTERRUPT	

FIG.29A

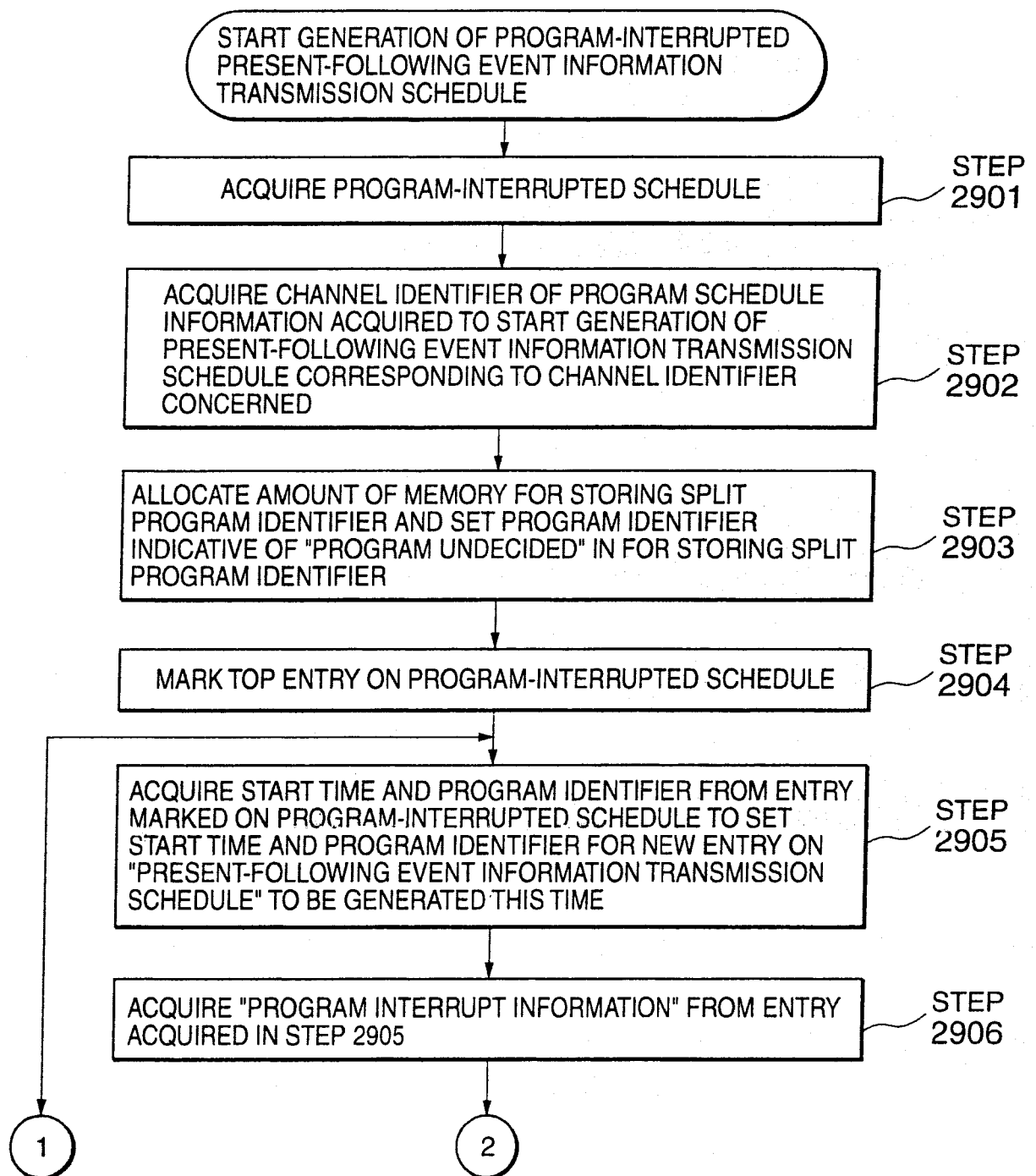


FIG. 29B

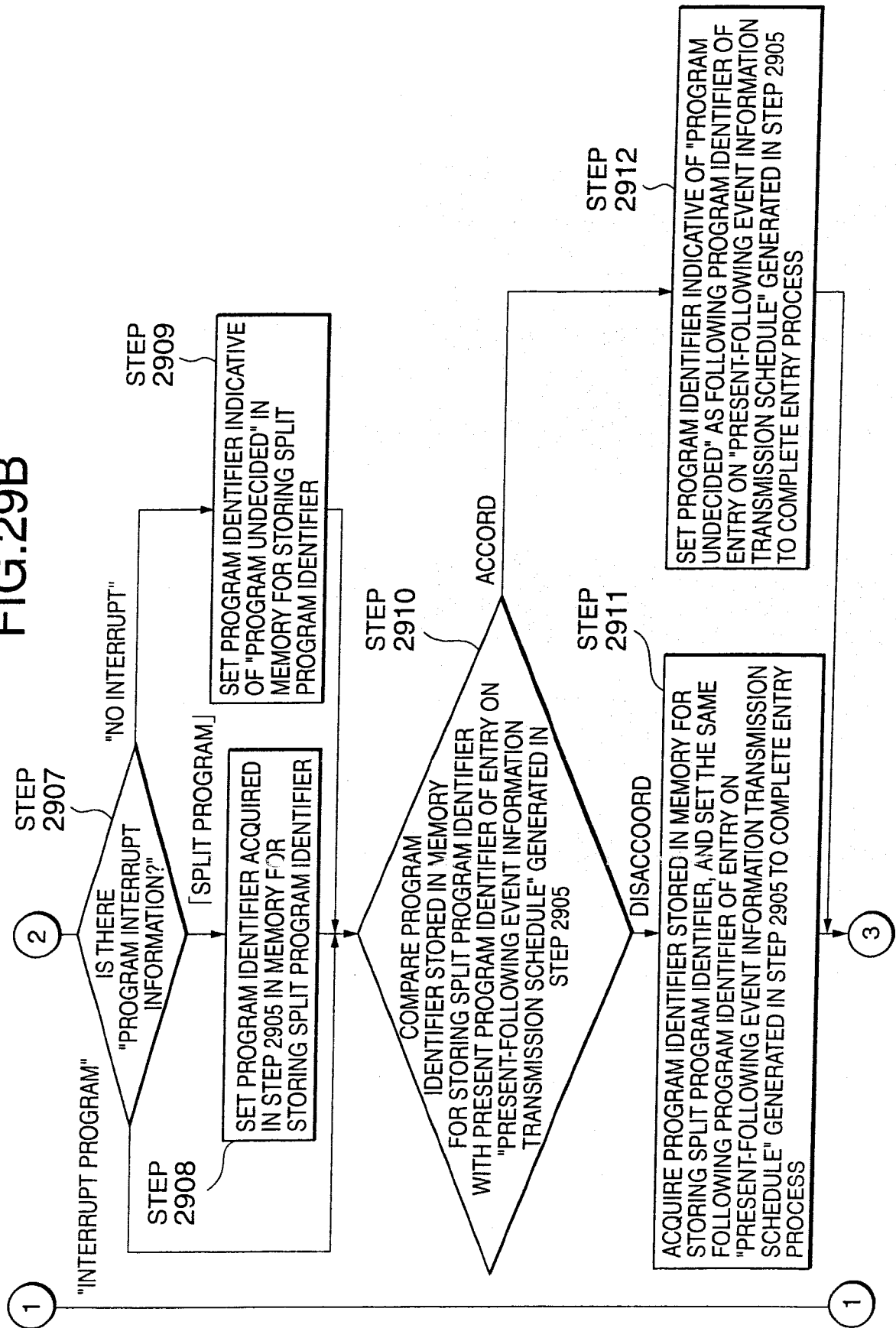


FIG. 29C

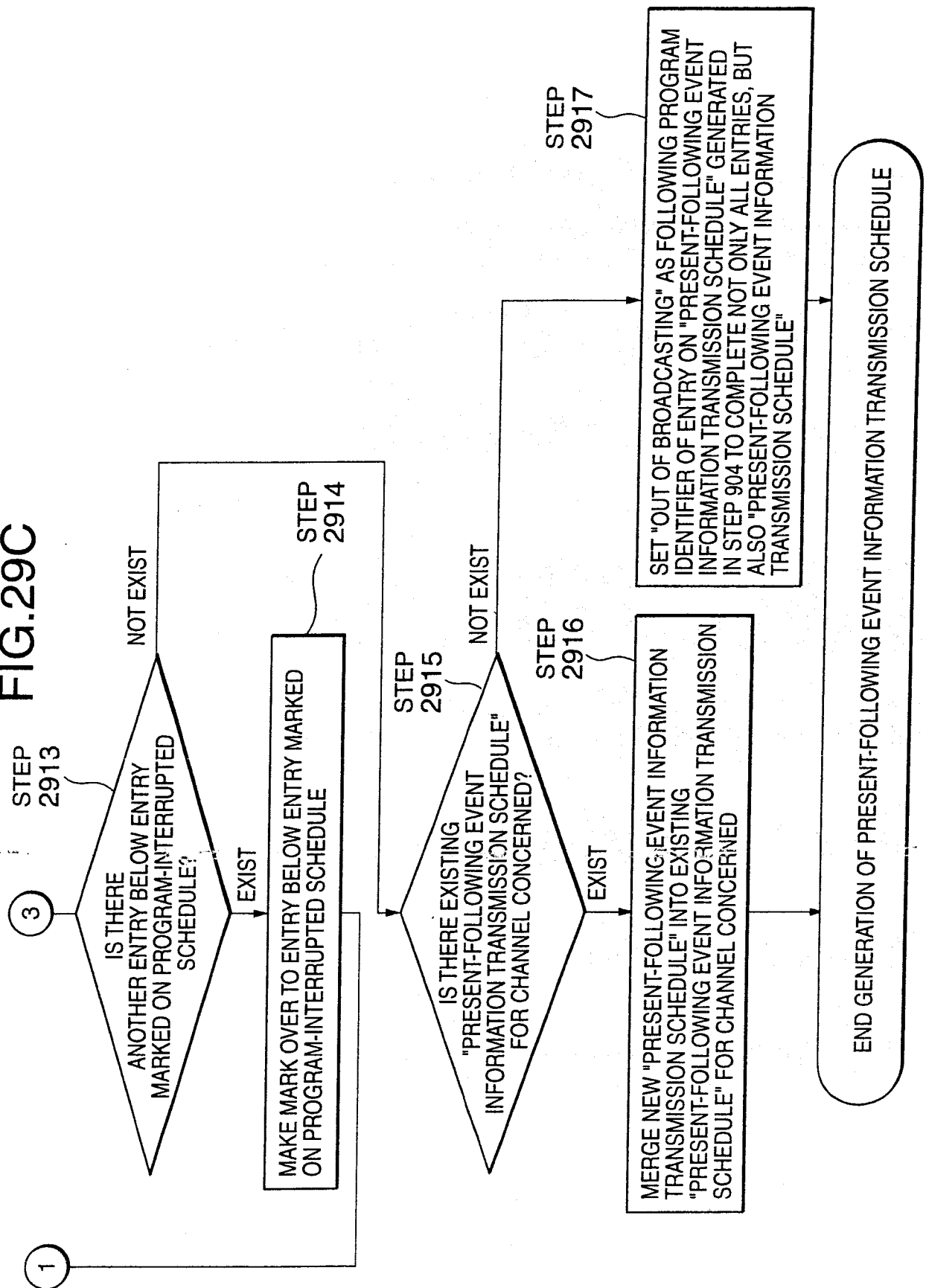


FIG.30

TYPE OF PROGRAM GUIDE INFORMATION	PRESENT-FOLLOWING EVENT INFORMATION TRANSMISSION SCHEDULE		
CHANNEL IDENTIFIER	1001		
BROADCAST STARTING TIME AND DATE	PRESENT PROGRAM IDENTIFIER	FOLLOWING PROGRAM IDENTIFIER	
1999/12/02 06:00:00	1234	UNDECIDED	3001
1999/12/02 07:00:00	1235	1234	3002
1999/12/02 08:25:00	1234	UNDECIDED	3004
1999/12/02 09:00:00	0123	UNDECIDED	3005
1999/12/02 10:00:00	5874	UNESTABLISHED	

FIG.31

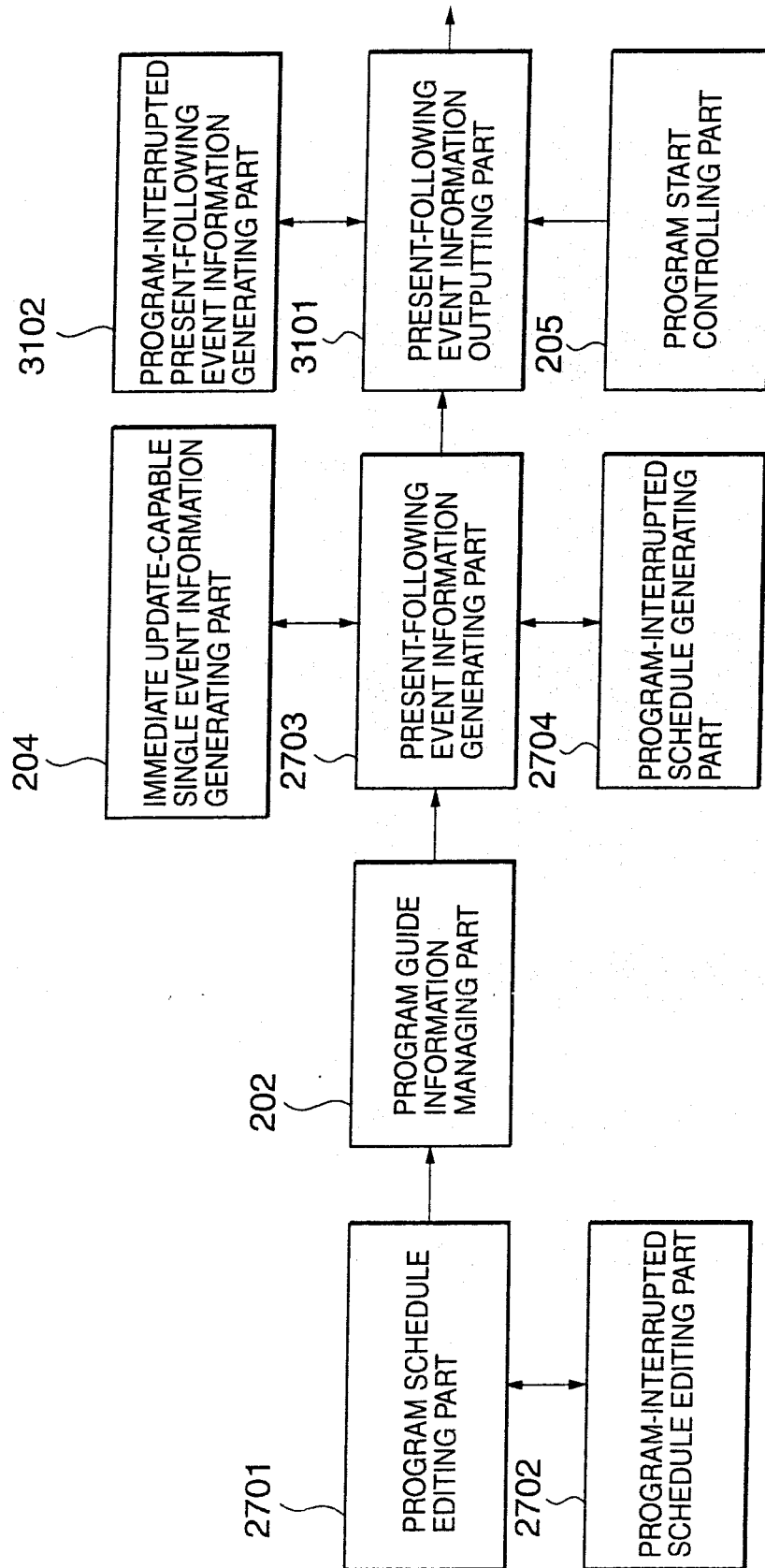
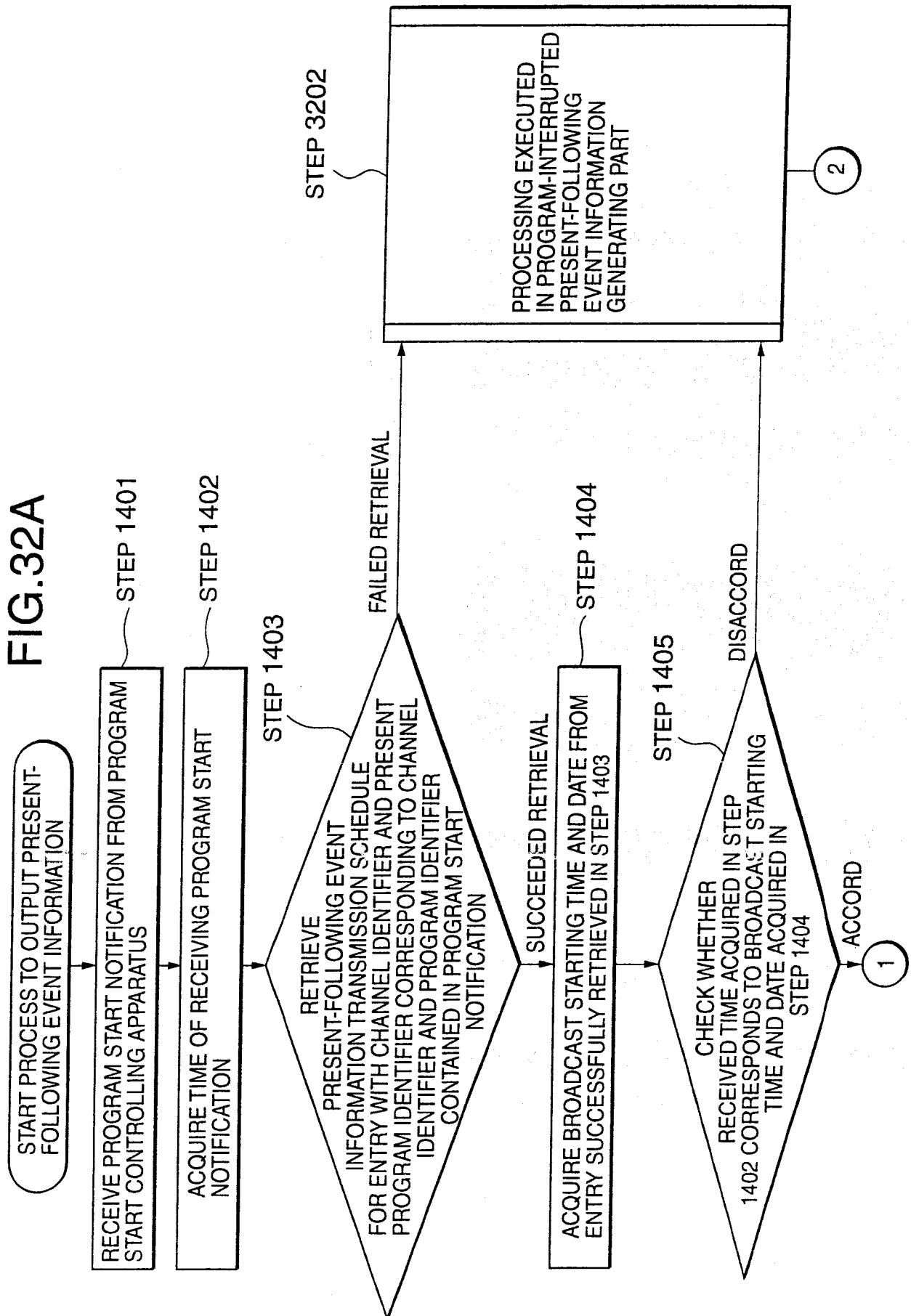


FIG. 32A



```

graph TD
    Start(( )) --> S1[STEP 1406  
ACQUIRE SINGLE EVENT INFORMATION WITH CHANNEL IDENTIFIER AND PROGRAM IDENTIFIER CORRESPONDING TO THOSE RETRIEVED IN STEP 1403]
    S1 --> S2[STEP 1407  
ACQUIRE SINGLE EVENT INFORMATION THAT HAS CHANNEL IDENTIFIER RETRIEVED IN STEP 1403 AND FOLLOWING PROGRAM IDENTIFIER OF ENTRY ACQUIRED IN STEP 1404]
    S2 --> S3[STEP 1408  
GENERATE PRESENT-FOLLOWING EVENT INFORMATION BY CHOOSING SINGLE EVENT INFORMATION ACQUIRED IN STEP 1406 AS PRESENT INVENTION AND SINGLE EVENT INFORMATION ACQUIRED IN STEP 1407 AS FOLLOWING EVENT INFORMATION]
    S3 --> S4[STEP 3201  
SET "UNESTABLISHED" FOR "SPLIT-TARGETED SINGLE EVENT INFORMATION" HELD THEREIN BEFOREHAND]
    S4 --> S5[STEP 1413  
OUTPUT PRESENT-FOLLOWING EVENT INFORMATION]
    S5 --> End([PRESENT-FOLLOWING EVENT INFORMATION GENERATING PART])
    
    S5 --> S6[STEP 3203  
ACQUIRE PRESENT-FOLLOWING EVENT INFORMATION FROM PROGRAM-INTERRUPTED PRESENT-FOLLOWING EVENT INFORMATION GENERATING PART]
    S6 --> S1

```

FIG.33A

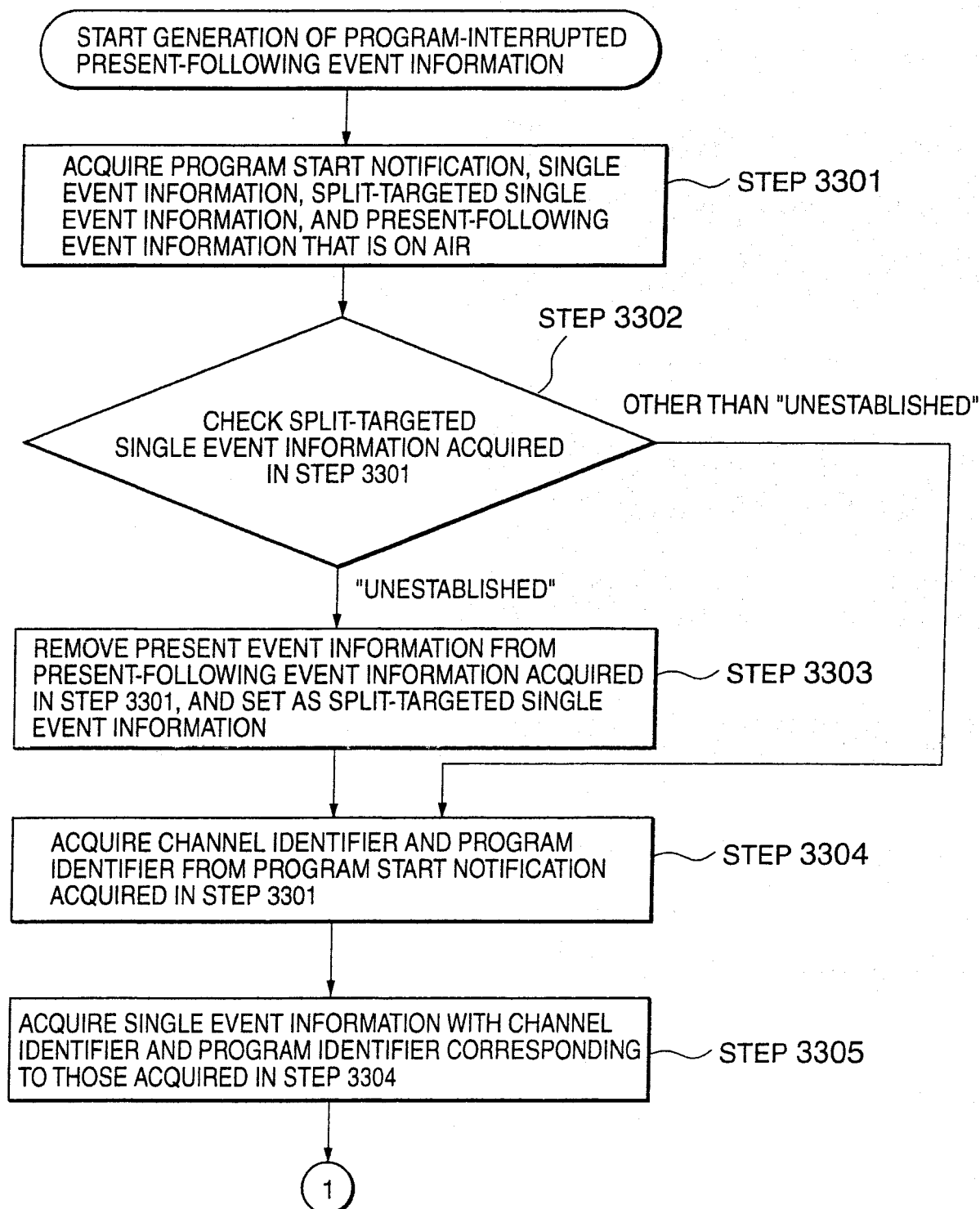


FIG.33B

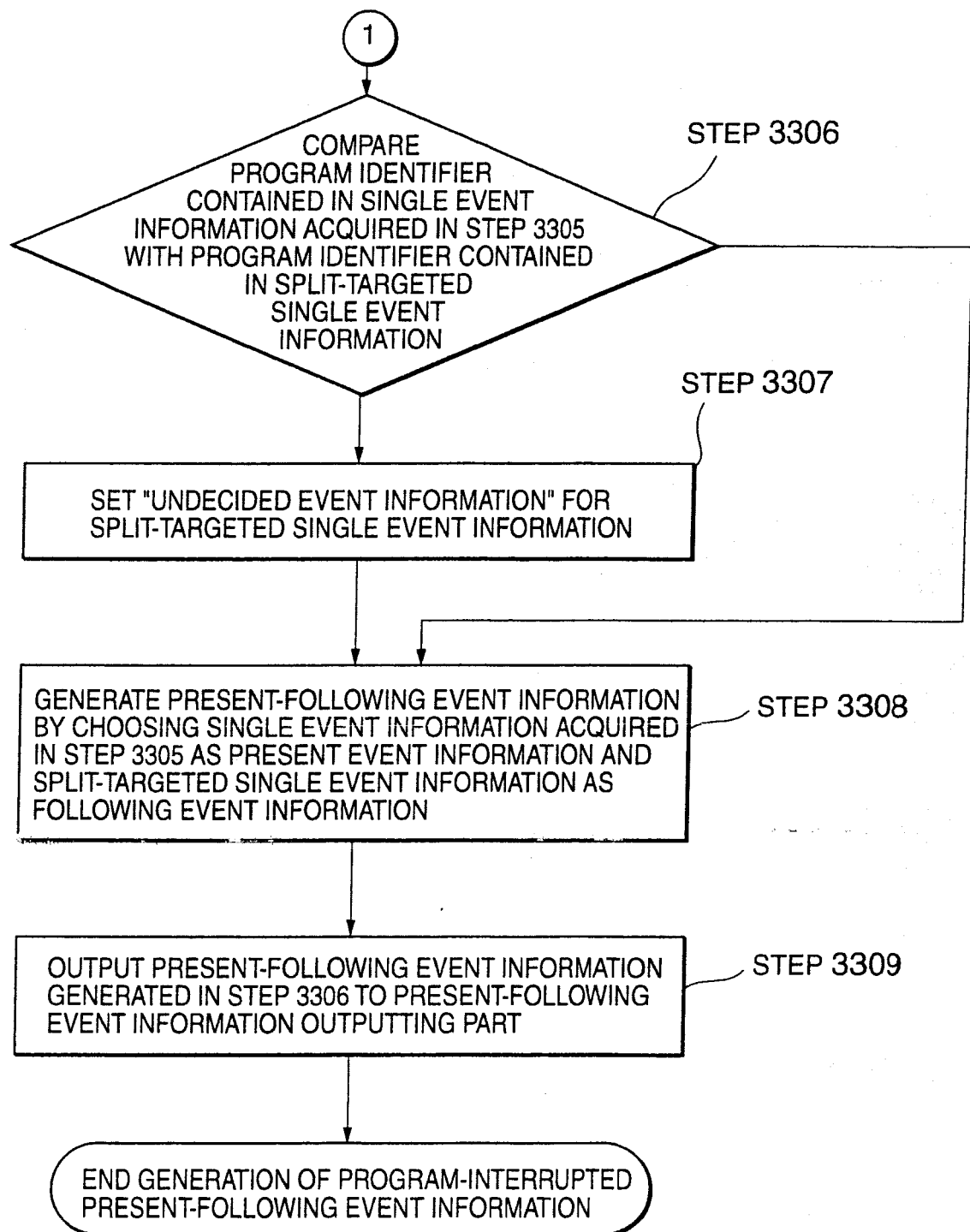


FIG.34

PROGRAM IDENTIFIER	DURATION TIME	PROGRAM TITLE	PROGRAM DESCRIPTION	CAST	EVENT RELAY FLAG
0123	00:30:00	WEATHER FORECAST	WEEKLY WEATHER	YOSHIKO MATSUSHITA	NOT RELAYED
1234	01:30:00	WORLD NEWS	ROUNDUP OF WORLD AFFAIRS	ICHIRO MATSUSHITA	NOT RELAYED
1435	01:25:00	MORNING NEWS	NATIONWIDE NEWS	TARO MATSUSHITA	NOT RELAYED
3450	00:05:00	BITS OF HOME KNOWLEDGE	BITS OF INFORMATION HELPING WITH HOUSEKEEPING	HANAKO MATSUSHITA	NOT RELAYED
6098	00:30:00	SOCCER	WORLD CUP PRELIMINARY	SUSUMU MATSUSHITA	RELAYED

3401

3402

FIG.35

