

FIG. 1A

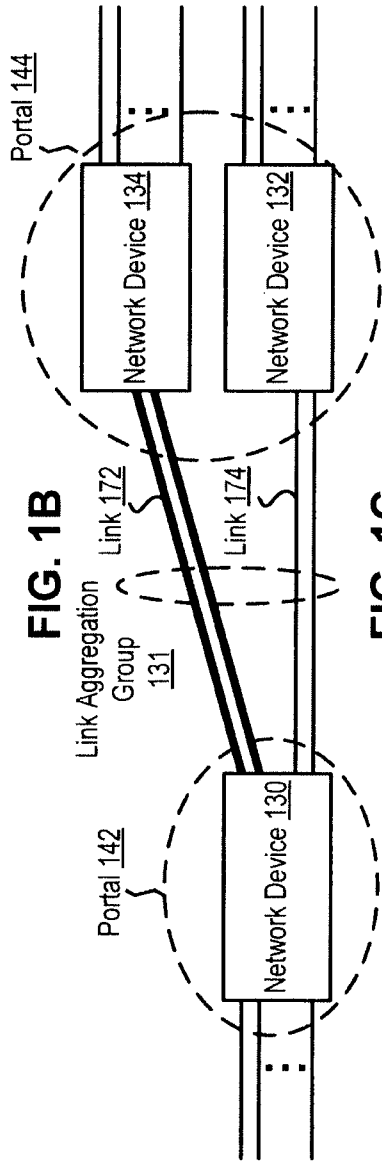
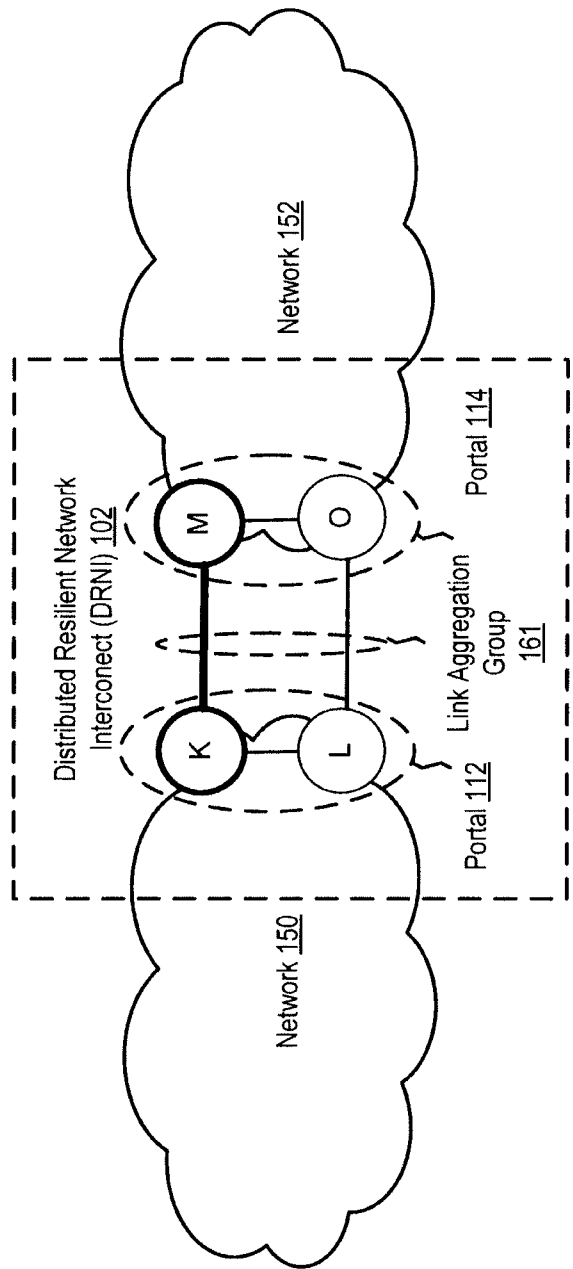
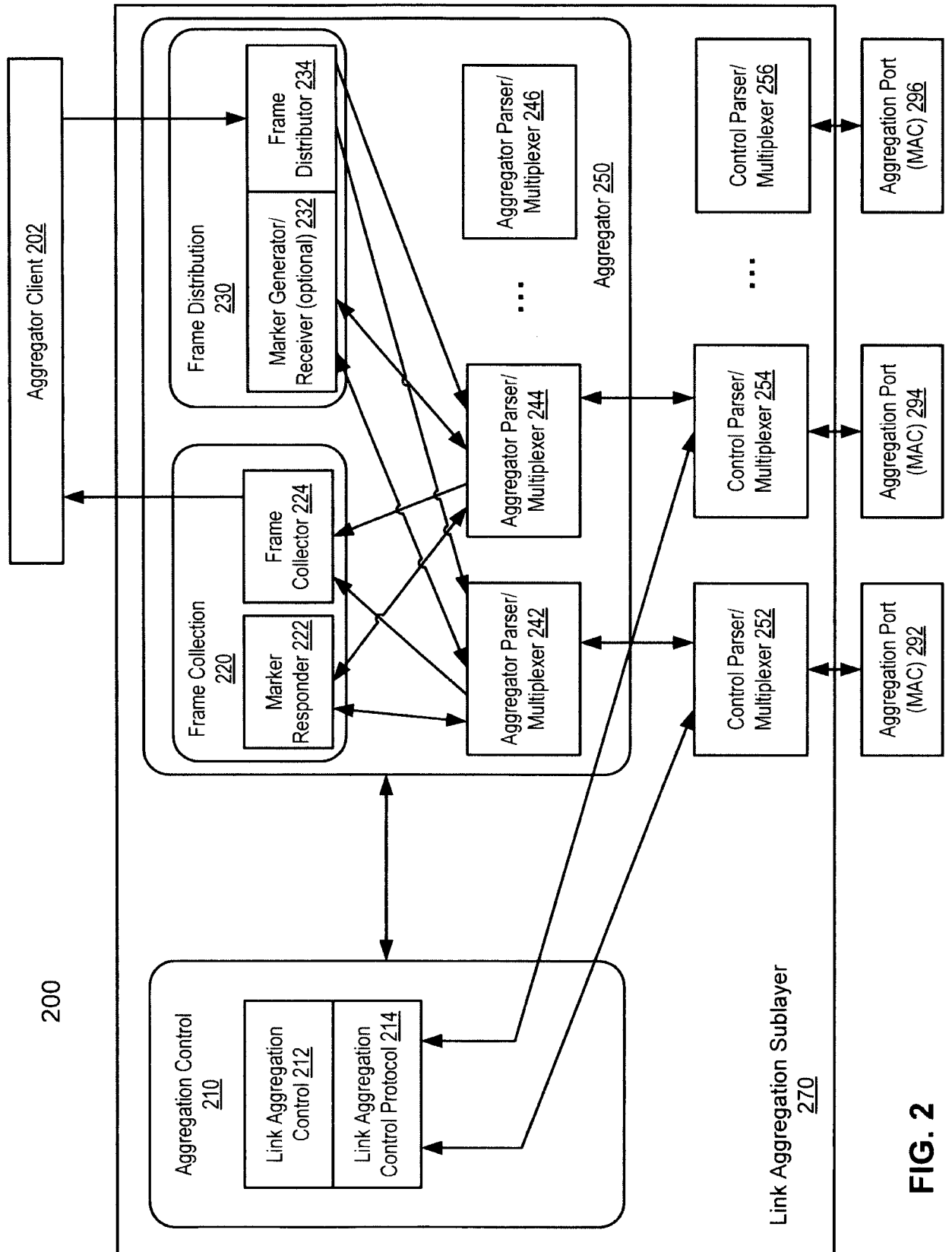


FIG. 1B

FIG. 1C

**FIG. 2**

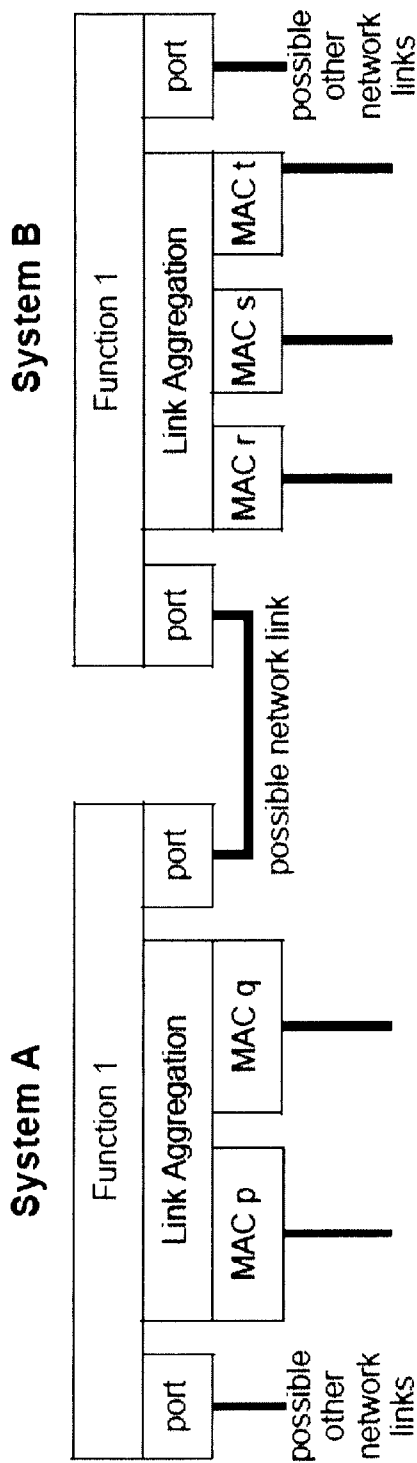


FIG. 3A

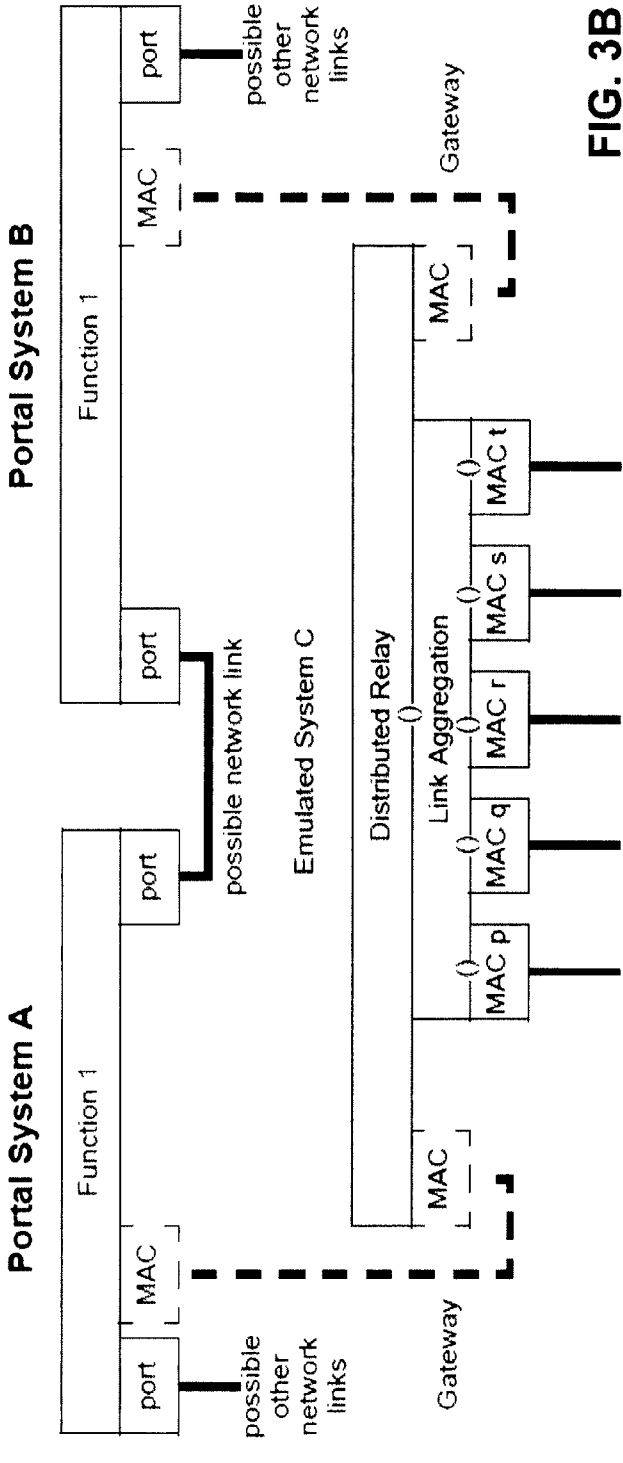


FIG. 3B



REPLACEMENT SHEET

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	Octets	
Subtype = DRCP	1	OCTETS WITHIN FRAME TRANSMITTED TOP-TO-BOTTOM
Version Number	1	
TLV_type = Portal Information	1	
Portal_Information_Length = 18	1	
Aggregator_Priority	2	
Aggregator_ID	6	
Portal_Priority	2	
Portal_ID	6	
TLV_type = Portal Configuration Information	1	
Portal_Configuration_Information_Length = 46	1	
Portal_System_Number & Aggregator_Key	2	
Port_Algorithm	5	
Gateway_Algorithm	5	
Port_Digest	16	
Gateway_Digest	16	
TLV_type = DRCP State	1	
DRCP_State_Length = 3	1	
DRCP_State	1	
TLV_type = Home Ports Information	1	
Home_Ports_Information_Length = 2 + 2 * PN	1	
Active_Home_Ports	2 * PN	
TLV_type = Neighbor Ports Information	1	
Neighbor_Ports_Information_Length = 2 + 2 * PN	1	
Active_Neighbor_Ports	2 * PN	
TLV_type = Other Ports Information	1	
Other_Ports_Information_Length = 2 + 2 * PN	1	
Other_Neighbor_Ports	2 * PN	
Other TLVs	X	
TLV_type = Terminator	1	
TLV_type = Terminator	1	

FIG. 5

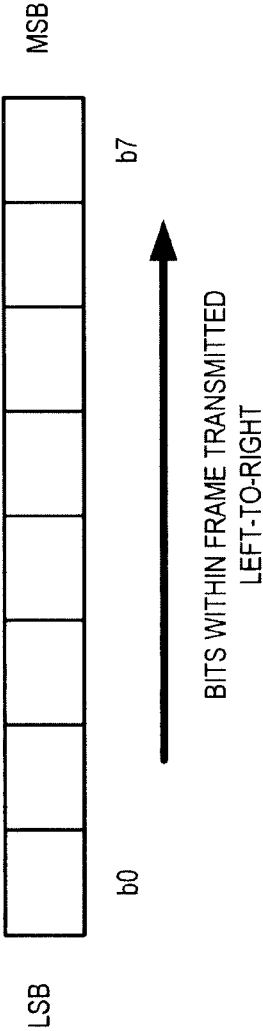


FIG. 6A

BIT	0	1	2	3	4	5	6	7
	Home_Gateway	Neighbor_Gateway	Other_Gateway	IPP_Activity	DRCP_Timeout	Gateway_Sync	Port_Sync	Expired

FIG. 6B

BIT	0	1	2	3	4	5	6	7
	Portal_System_Number	Portal_Topology	Neighbor_Conf_Portal_System_Number	Loop_Break_Link	Reserved			

FIG. 6C

REPLACEMENT SHEET

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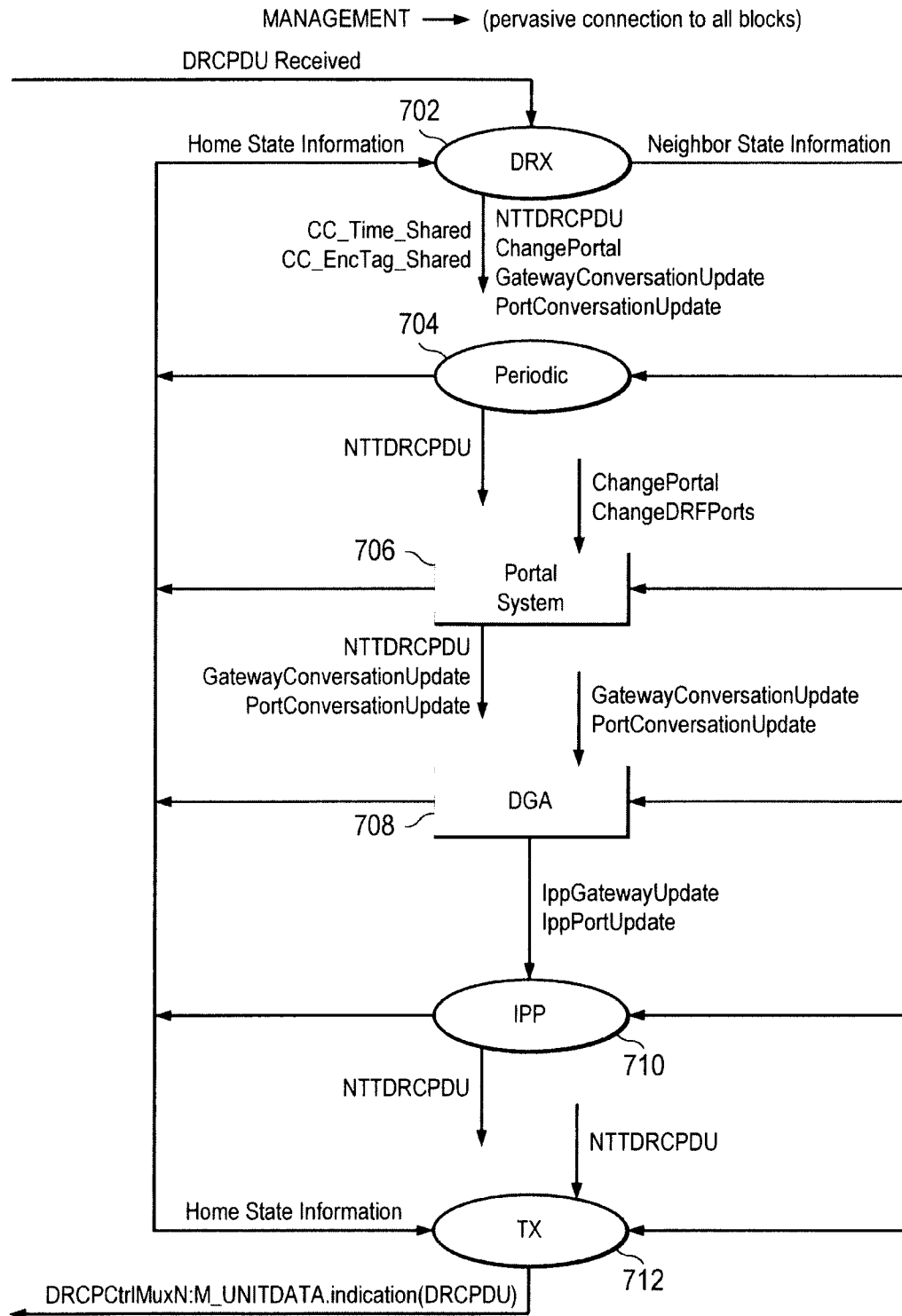


FIG. 7

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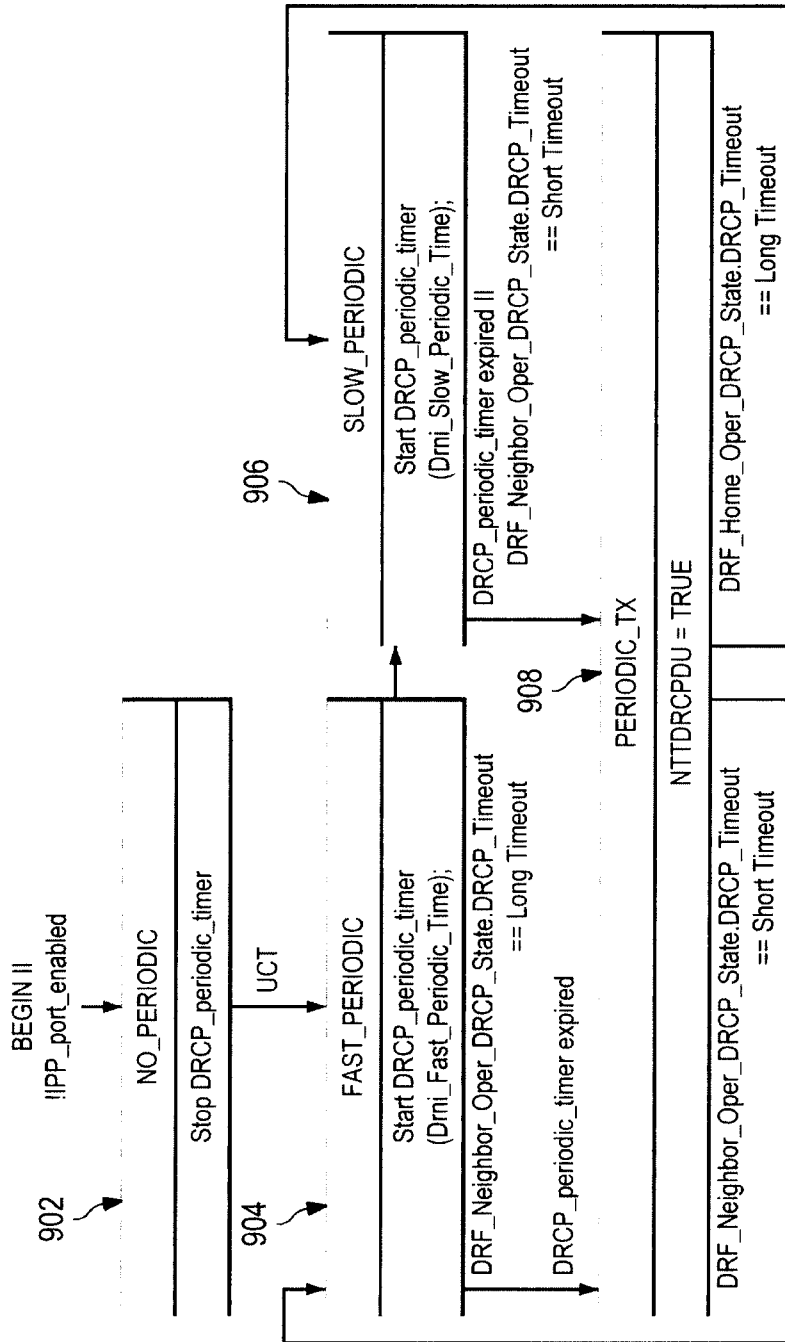


FIG. 9

REPLACEMENT SHEET

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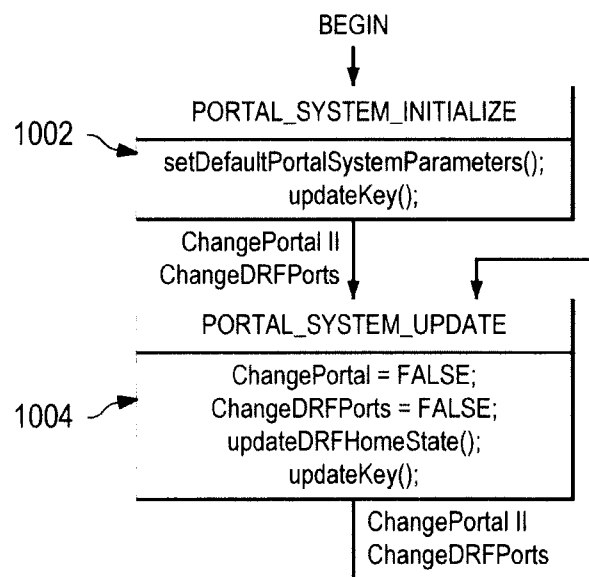


FIG. 10

REPLACEMENT SHEET

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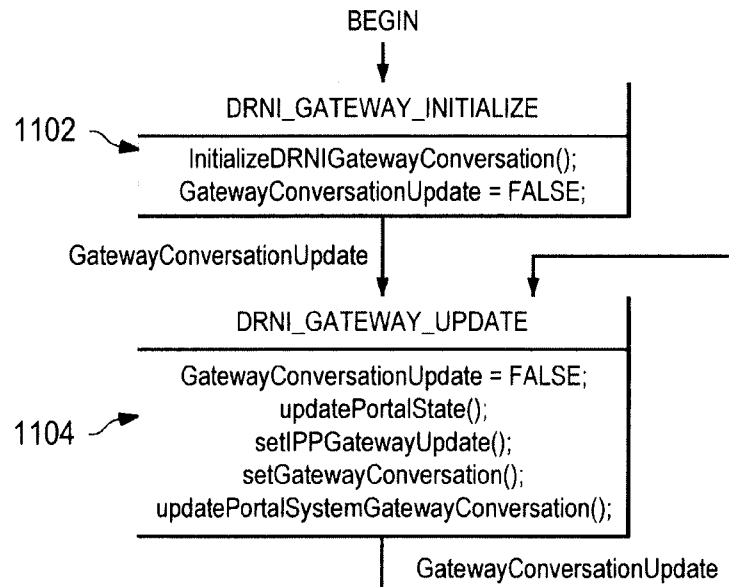


FIG. 11A

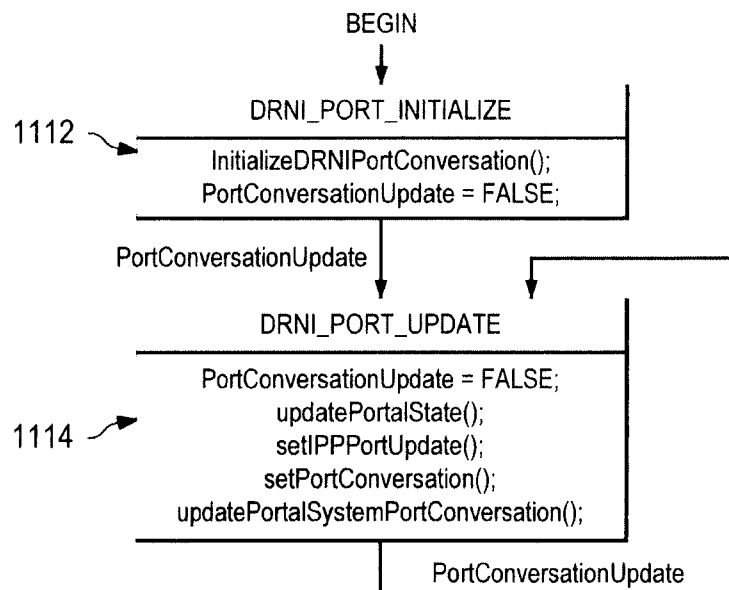
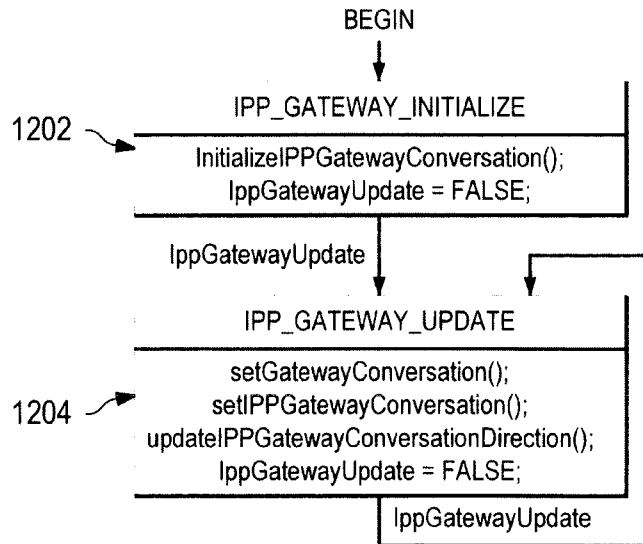
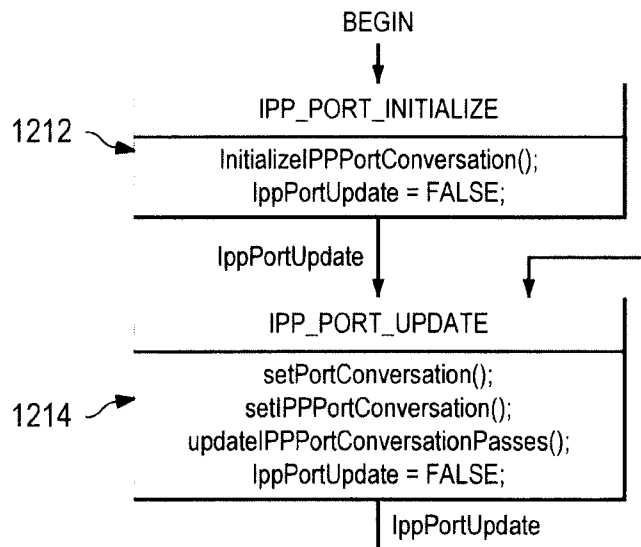


FIG. 11B

**FIG. 12A****FIG. 12B**

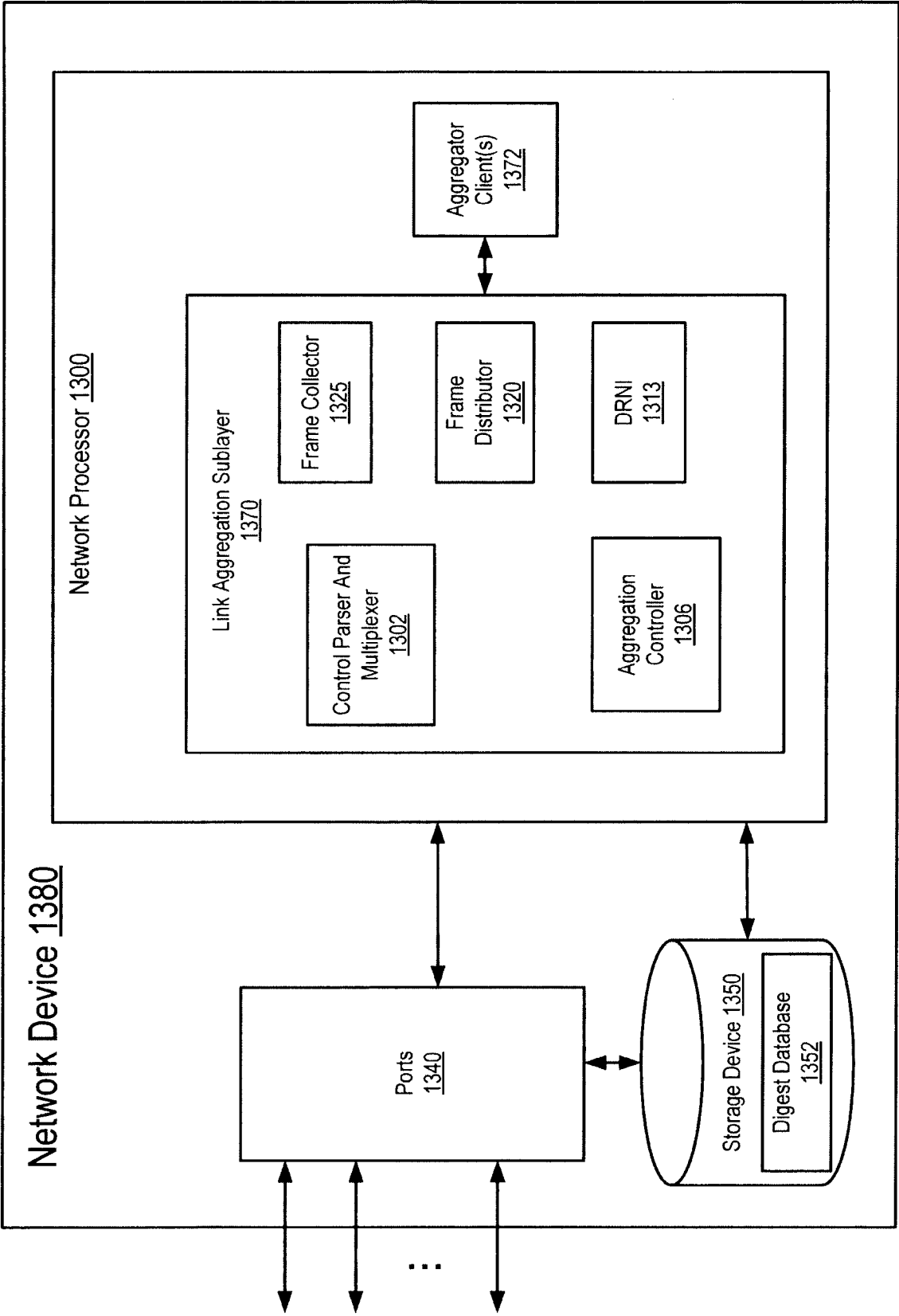


FIG. 13

REPLACEMENT SHEET

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	Octets	
Subtype = DRCP	1	OCTETS WITHIN FRAME TRANSMITTED TOP-TO-BOTTOM
Version Number	1	
TLV_type = Portal Information	1	
Portal_Information_Length = 18	1	
Aggregator_Priority	2	
Aggregator_ID	6	
Portal_Priority	2	
Portal_Addr	6	
TLV_type = Portal Configuration Information	1	
Portal_Configuration_Information_Length = 44	1	
Portal_System_Number & Aggregator_Key	2	
Port_Algorithm	4	
Gateway_Algorithm	4	
Port_Digest	16	
Gateway_Digest	16	
TLV_type = DRCP State	1	
DRCP_State_Length = 3	1	
DRCP_State	1	
TLV_type = Home Ports Information	1	
Home_Ports_Information_Length = 2 + 4 * PN	1	
Active_Home_Ports	4 * PN	
TLV_type = Neighbor Ports Information	1	
Neighbor_Ports_Information_Length = 2 + 4 * PN	1	
Active_Neighbor_Ports	4 * PN	
TLV_type = Other Ports Information	1	
Other_Ports_Information_Length = 2 + 4 * PN	1	
Other_Neighbor_Ports	4 * PN	
TLV_type = Other Information	1	
Other_Information_Length = 6	1	
Other Information	4	
Other TLVs	Y	
TLV_type = Terminator	1	
Terminator_Length = 0	1	

FIG. 14

REPLACEMENT SHEET

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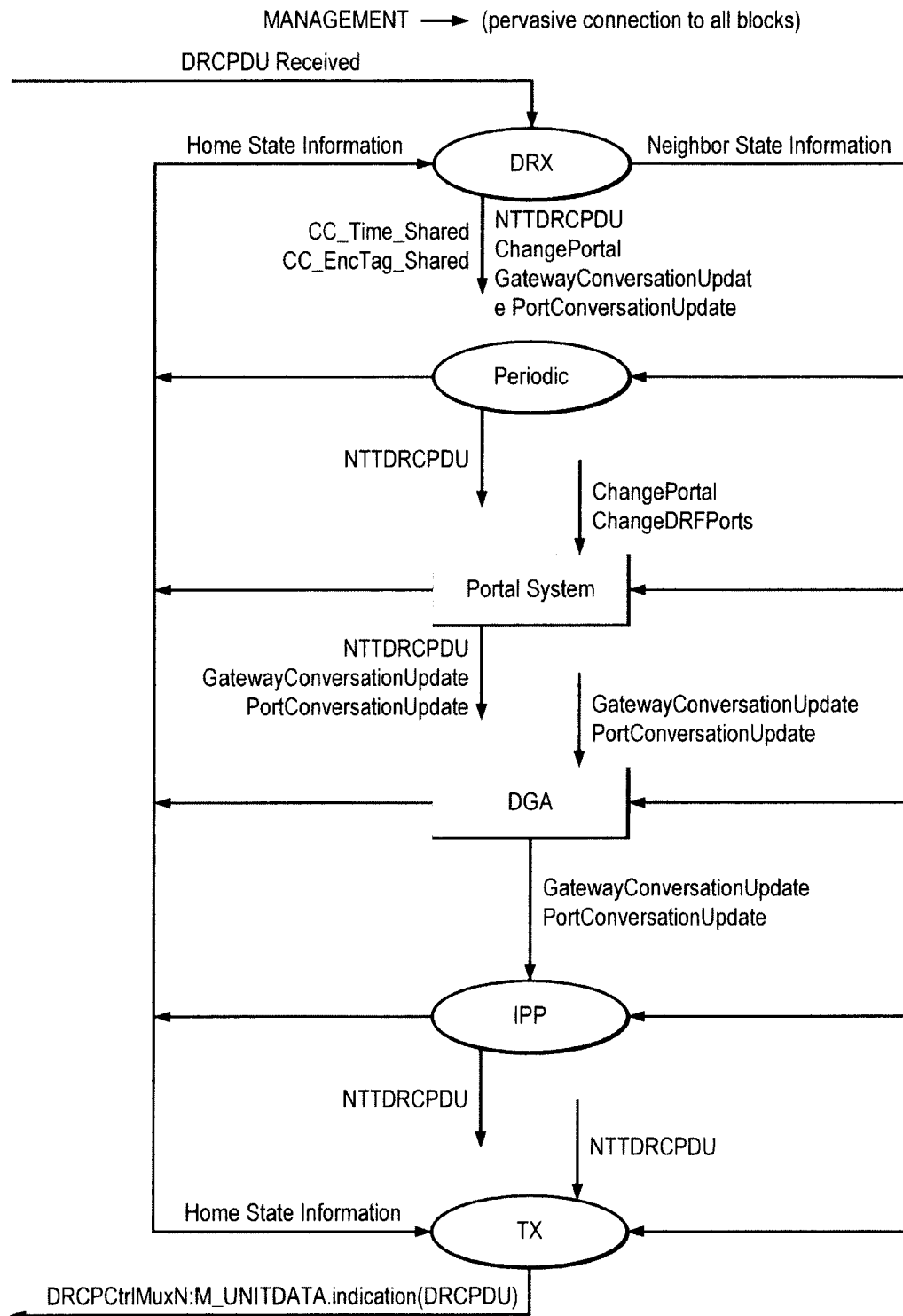


FIG. 15

REPLACEMENT SHEET

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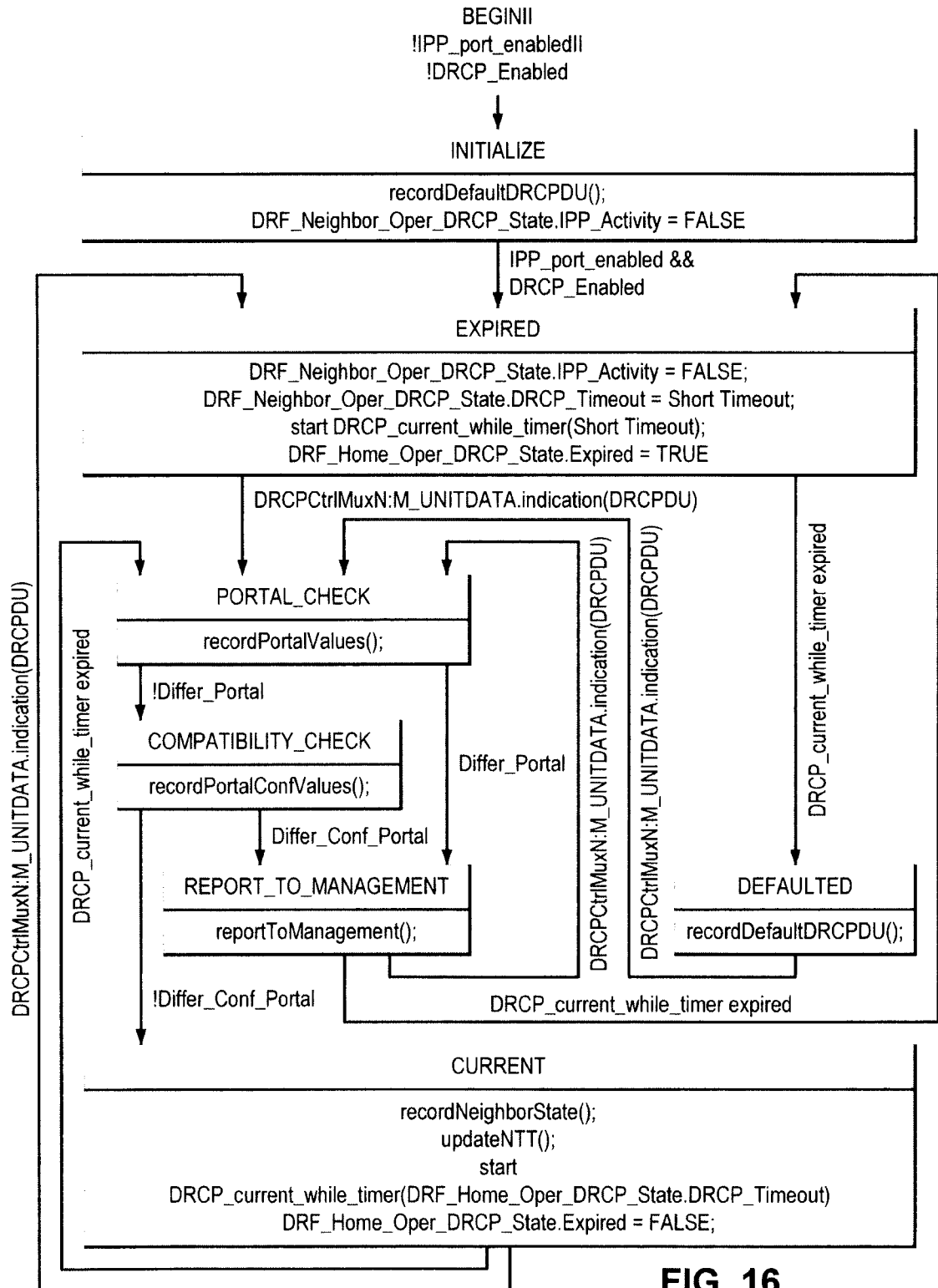


FIG. 16

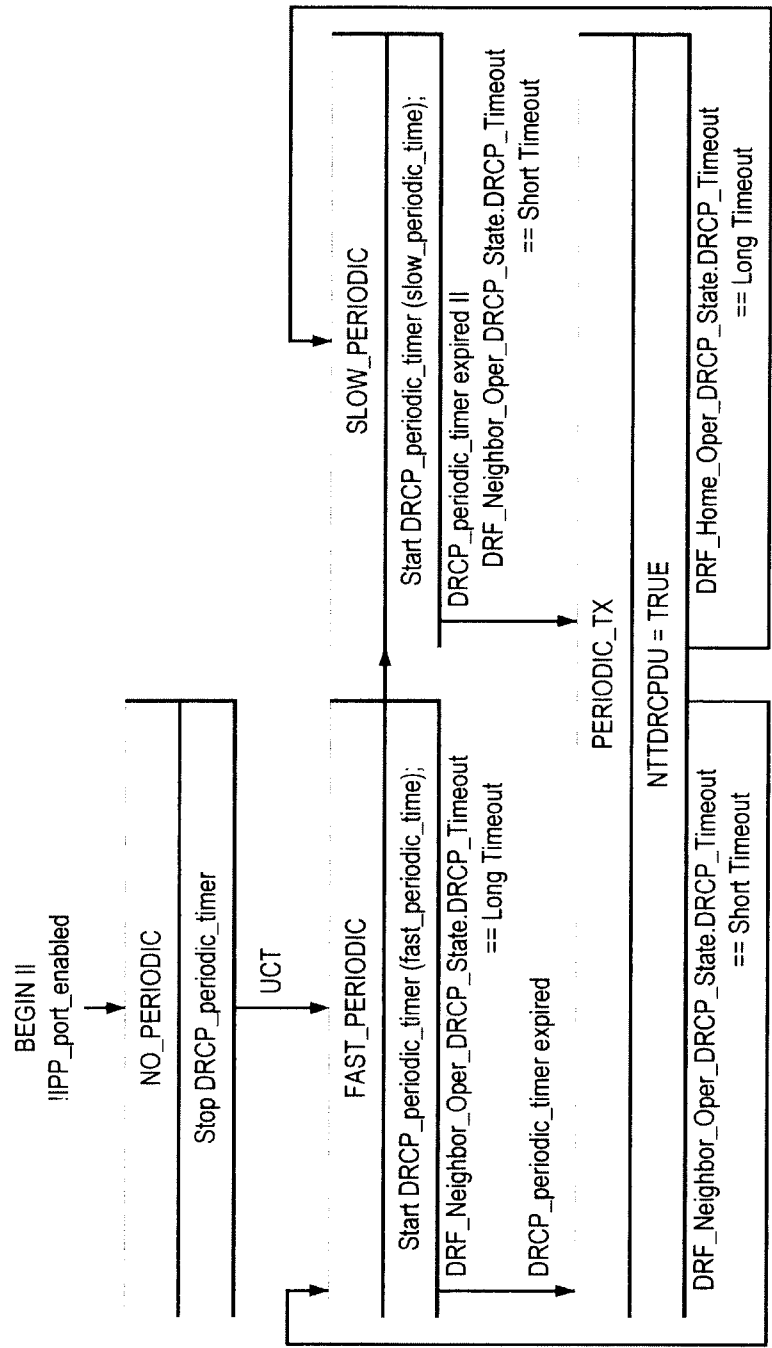


FIG. 17

REPLACEMENT SHEET

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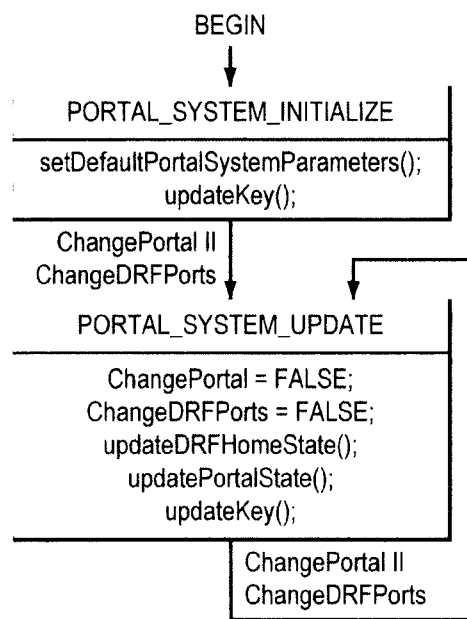


FIG. 18

1900

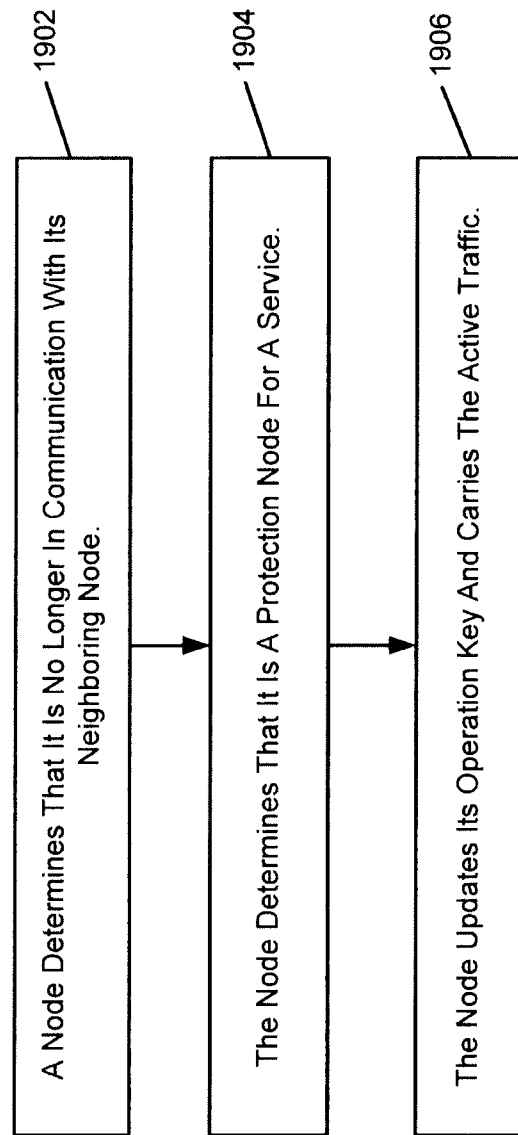
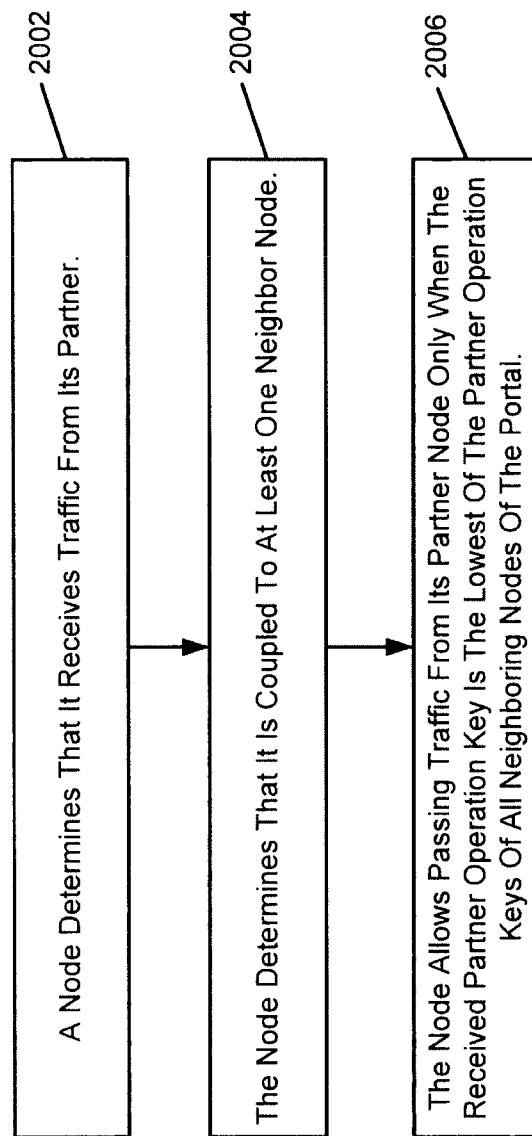


FIG. 19

2000

**FIG. 20**

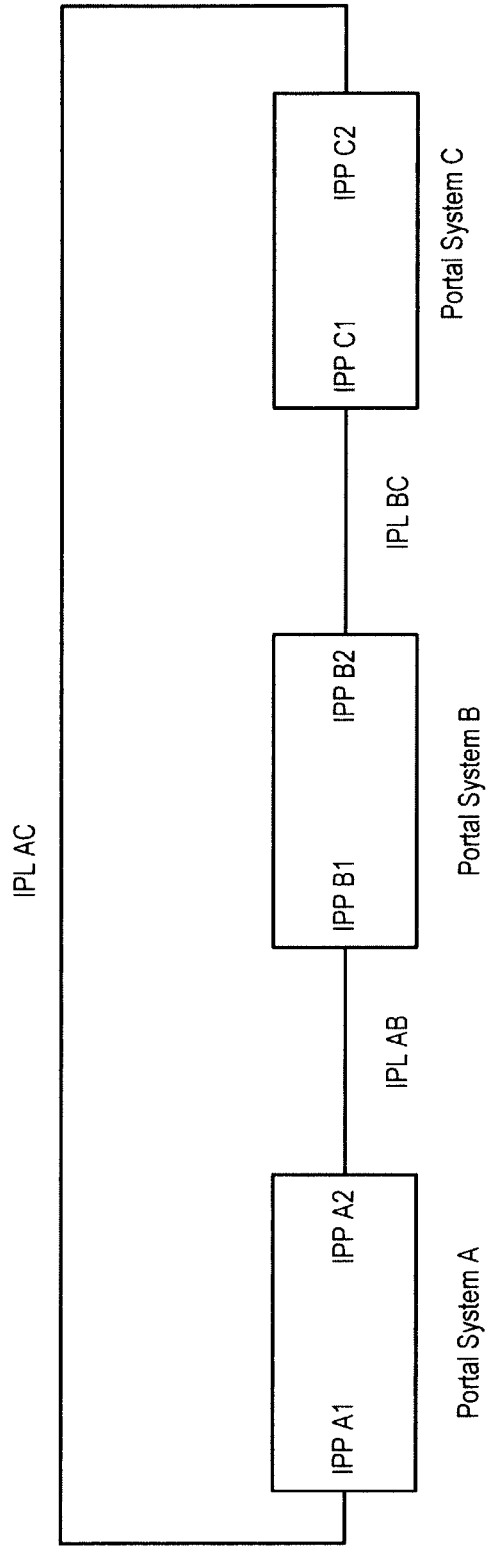


FIG. 21

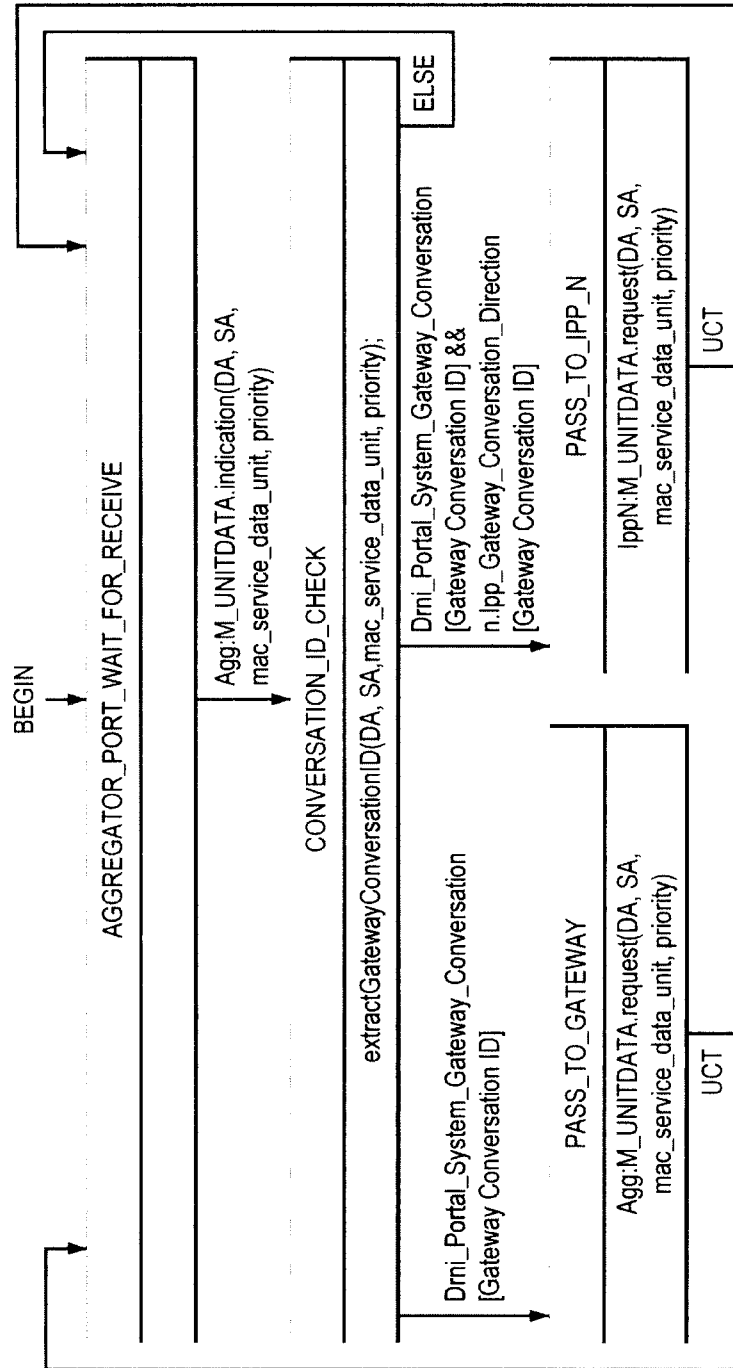


FIG. 22

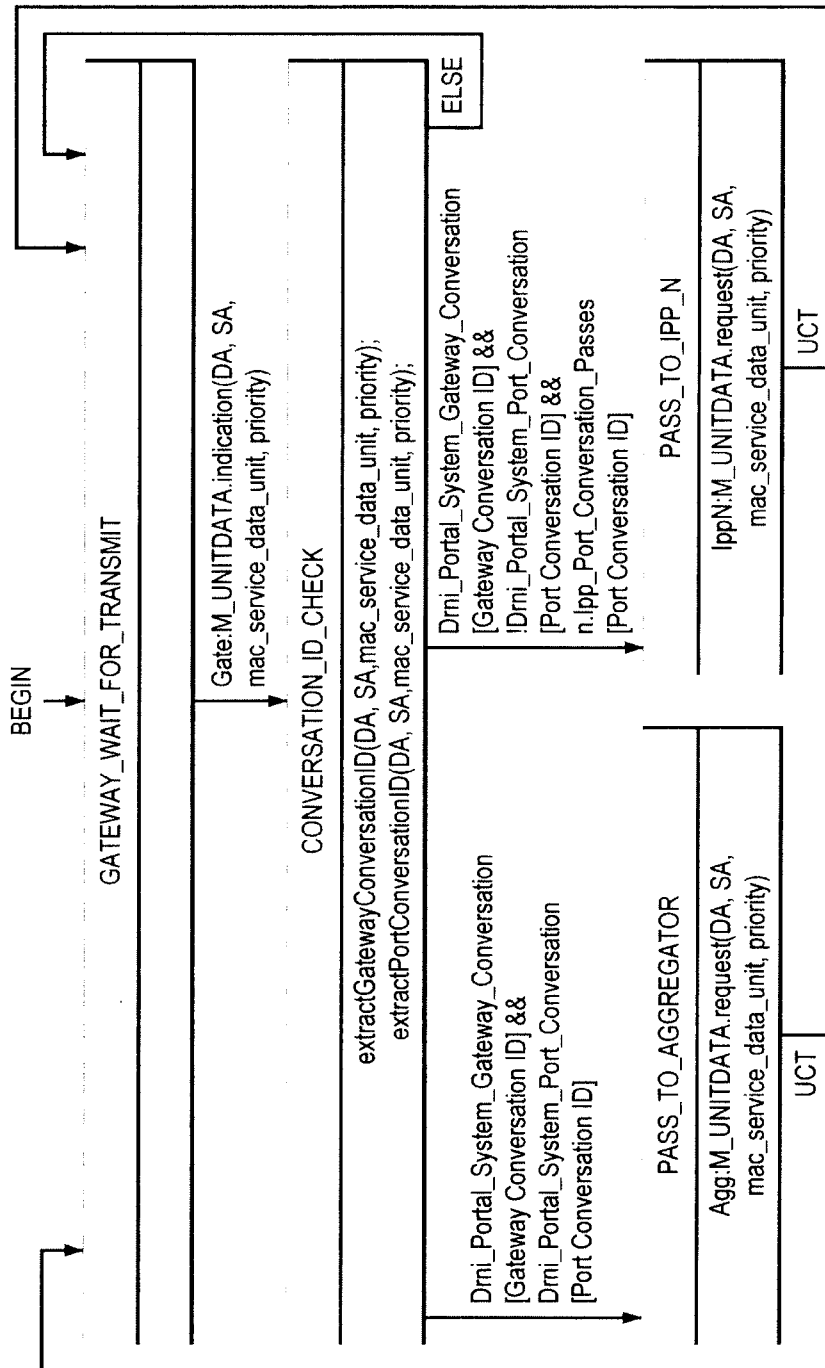


FIG. 23

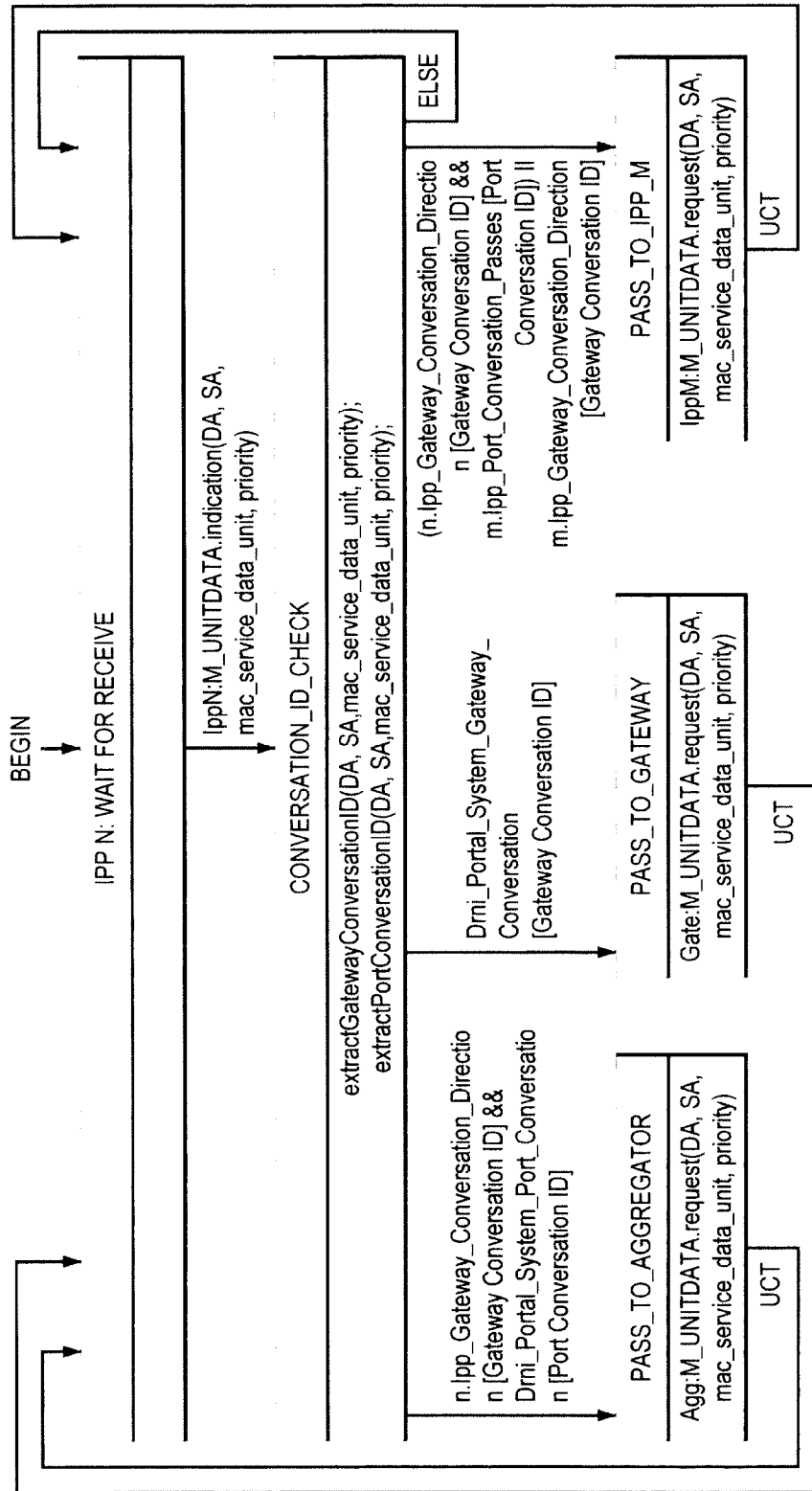


FIG. 24

REPLACEMENT SHEET

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	Octets	
Subtype = DRCP	1	OCTETS WITHIN FRAME TRANSMITTED TOP-TO-BOTTOM
Version Number	1	
TLV_type = Portal Information	1	
Portal_Information_Length = 18	1	
Aggregator_Priority	2	
Aggregator_ID	6	
Portal_Priority	2	
Portal_Addr	6	
TLV_type = Portal Configuration Information	1	
Portal_Configuration_Information_Length = 45	1	
Topology_State	1	
Oper_Aggregator_Key	2	
Port_Algorithm	4	
Gateway_Algorithm	4	
Port_Digest	16	
Gateway_Digest	16	
TLV_type = DRCP State	1	
DRCP_State_Length = 3	1	
DRCP_State	1	
TLV_type = Home Ports Information	1	
Home_Ports_Information_Length = 6 + 4 * PN	1	
Home_Admin_Aggregator_Key	2	
Home_Oper_Partner_Aggregator_Key	2	
Active_Home_Ports	4 * PN	
TLV_type = Neighbor Ports Information	1	
Neighbor_Ports_Information_Length = 6 + 4 * PN	1	
Neighbor_Admin_Aggregator_Key	2	
Neighbor_Oper_Partner_Aggregator_Key	2	
Active_Neighbor_Ports	4 * PN	
TLV_Type = Other Ports Information	1	
Other_Ports_Information_Length = 6 + 4 * PN	1	
Other_Admin_Aggregator_Key	2	
Other_Oper_Partner_Aggregator_Key	2	
Other_Neighbor_Ports	4 * PN	
Other TLVs	Y	
TLV_Type = Terminator	1	
Terminator_Length = 0	1	

FIG. 25

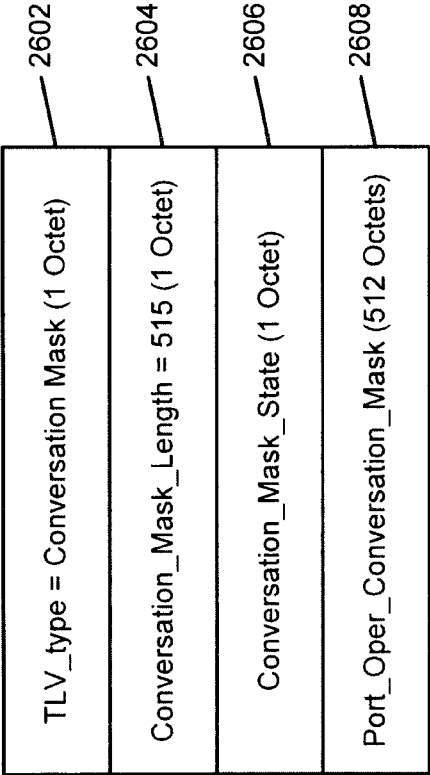
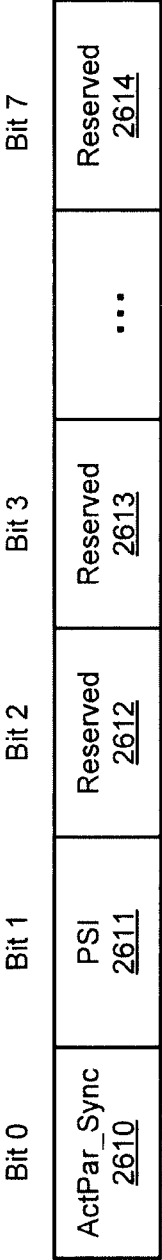


FIG. 26A

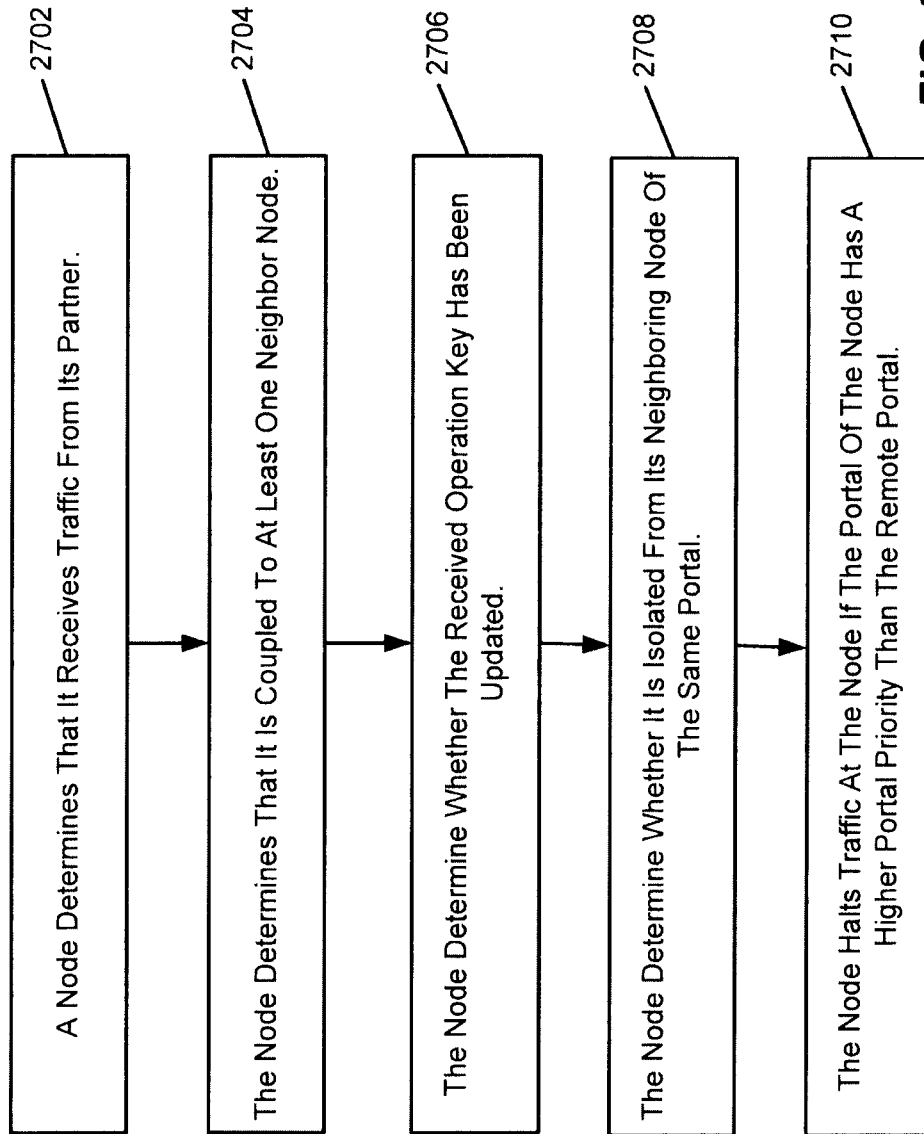
Conversation Mask TLV 2600

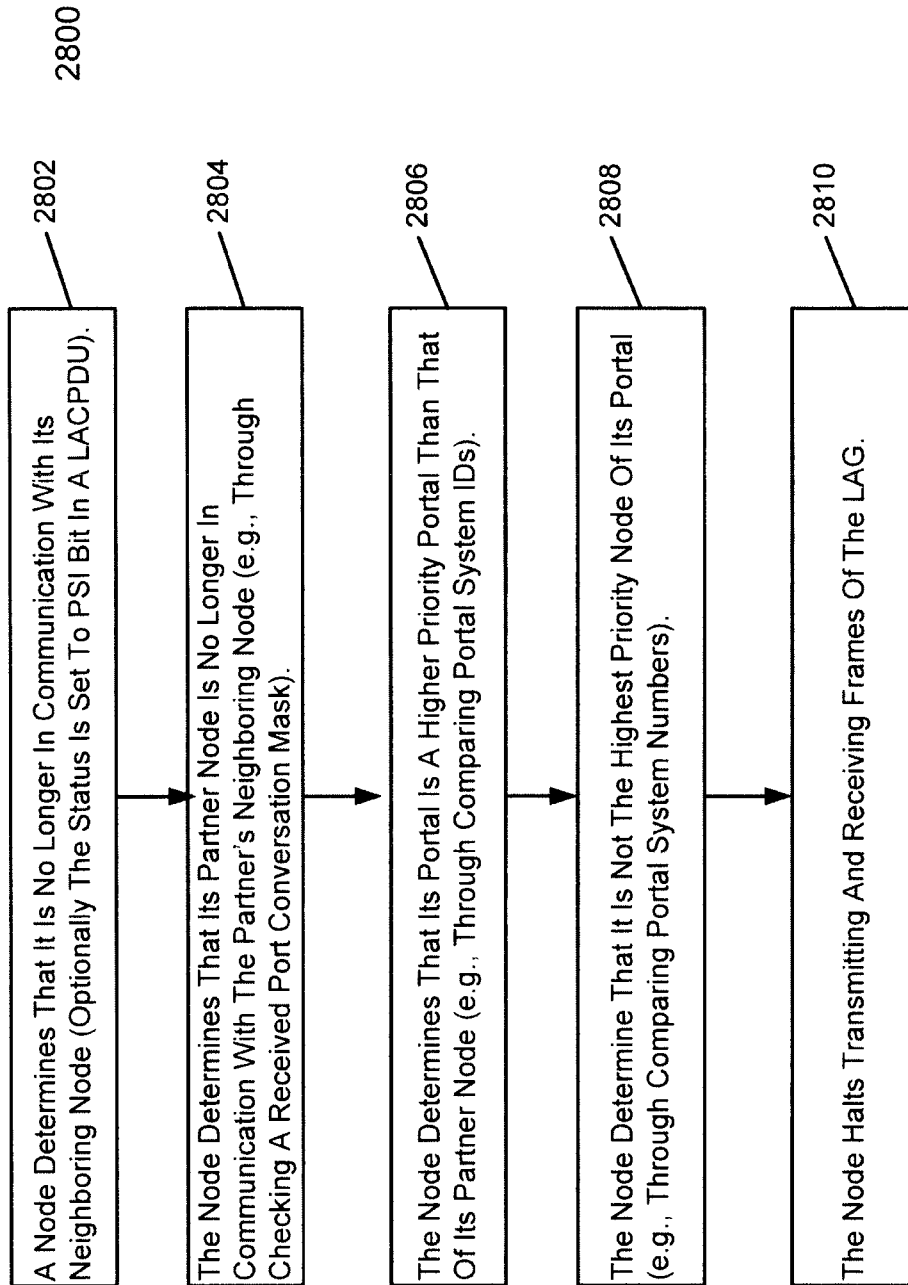


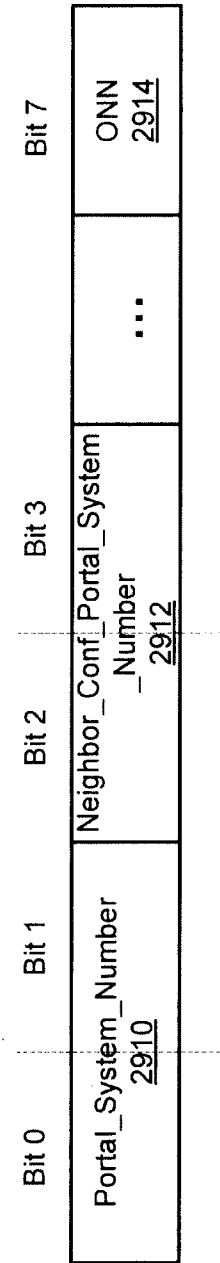
Conversation_Mask_State 2650

FIG. 26B

2700

**FIG. 27**

**FIG. 28**



Topology State Illustrated with Topology_State Field 2950

FIG. 29

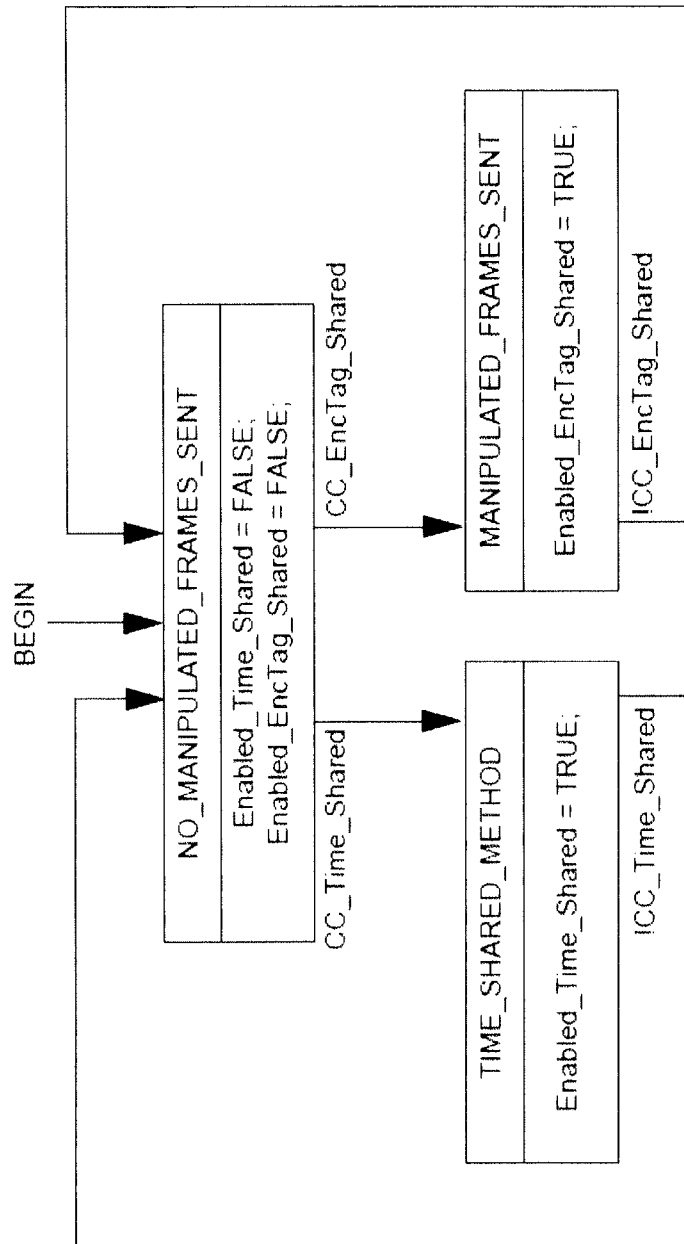


FIG. 30

3100

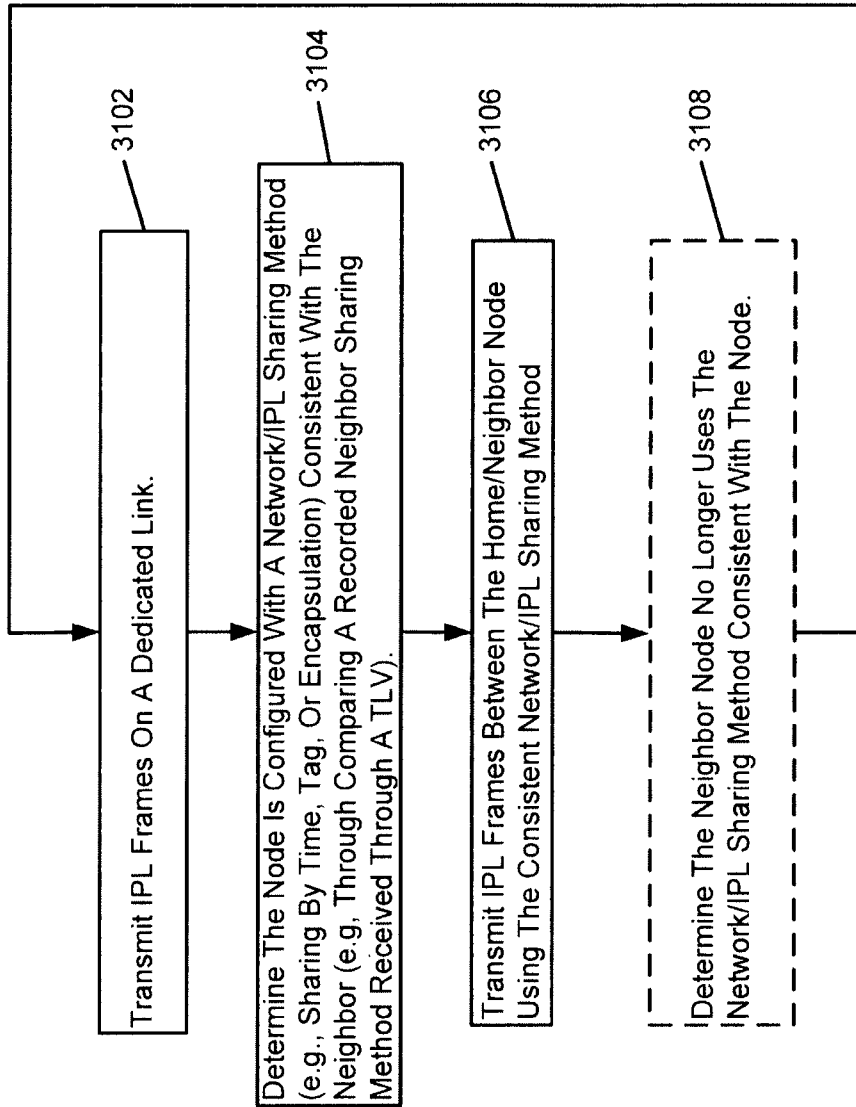


FIG. 31

3200

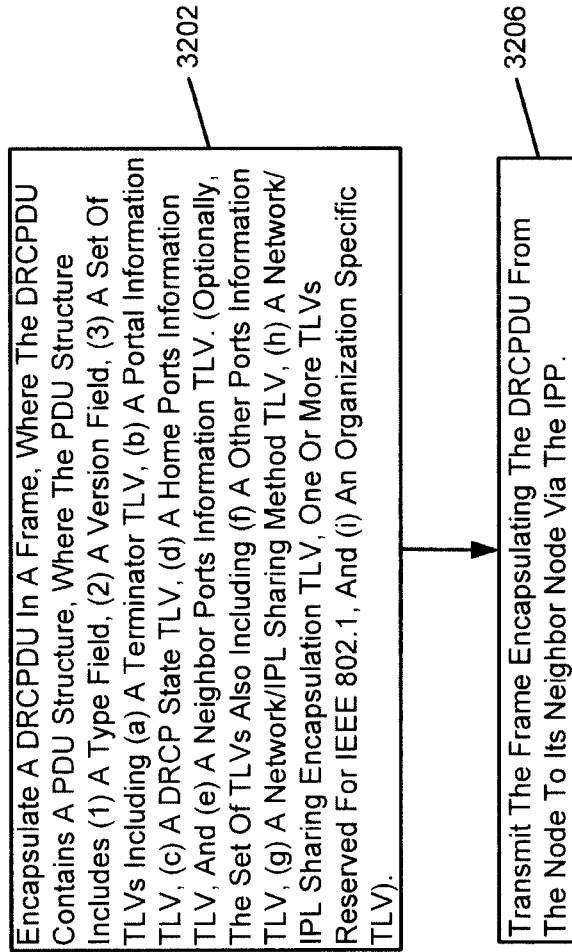


FIG. 32

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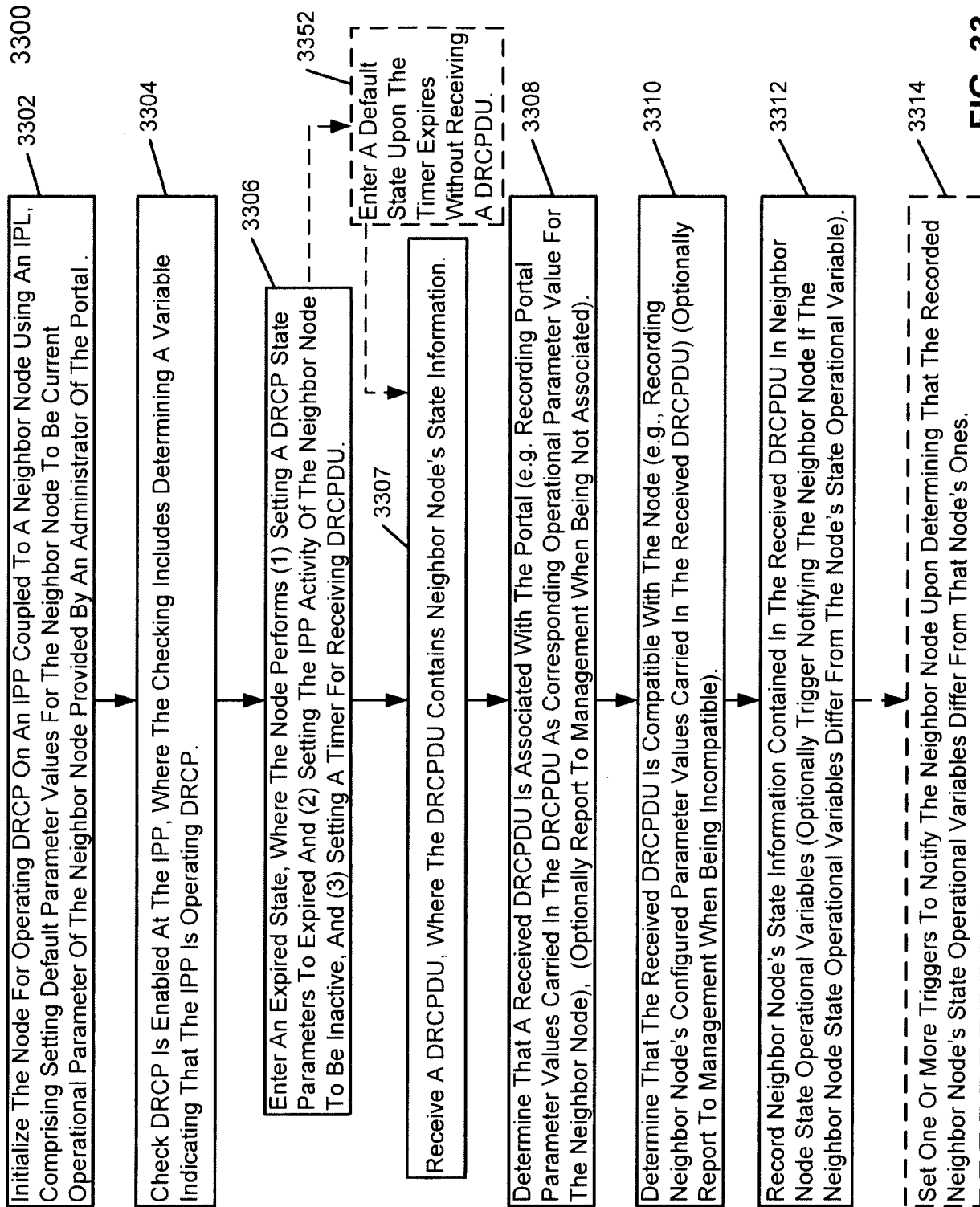
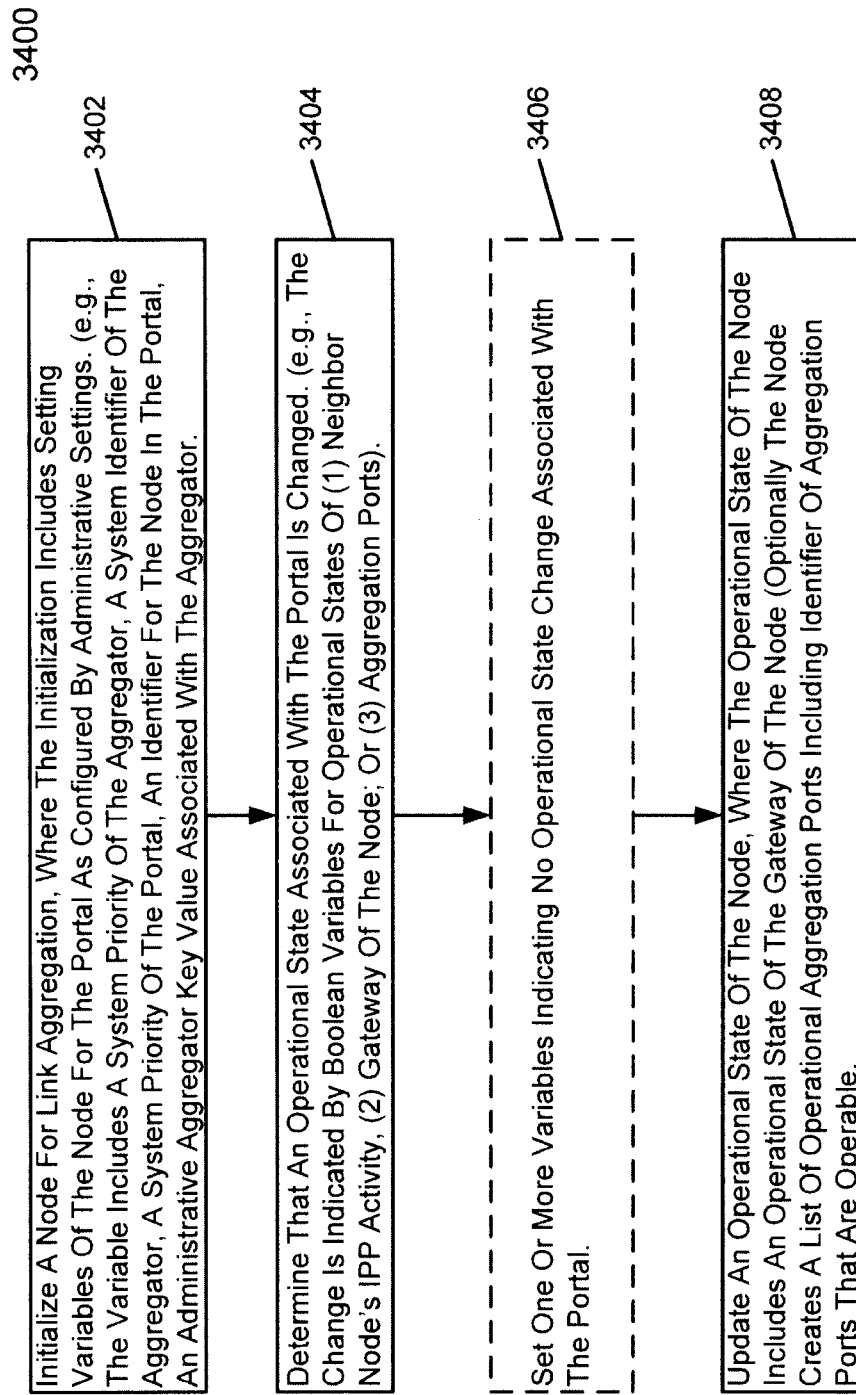


FIG. 33

**FIG. 34**

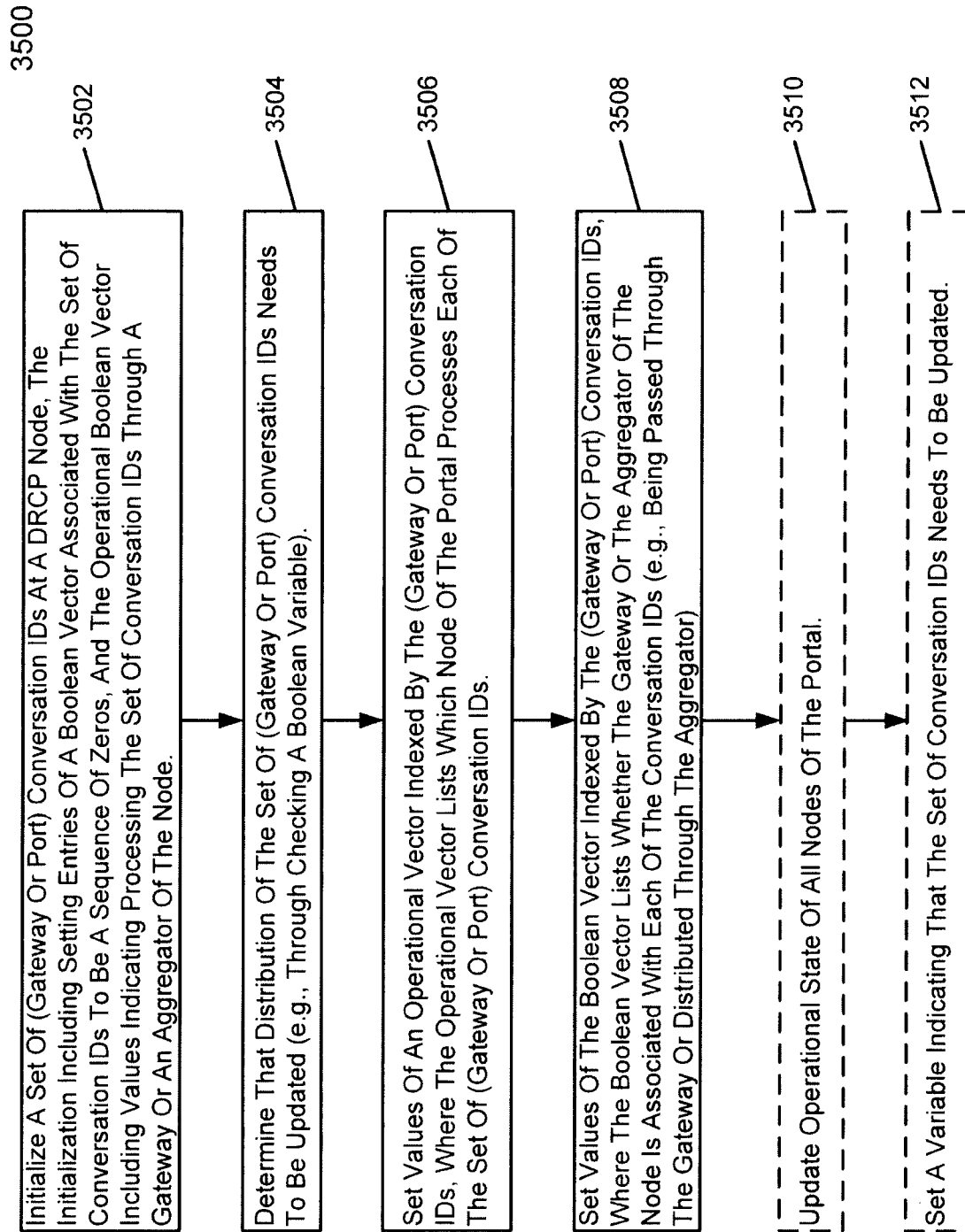


FIG. 35

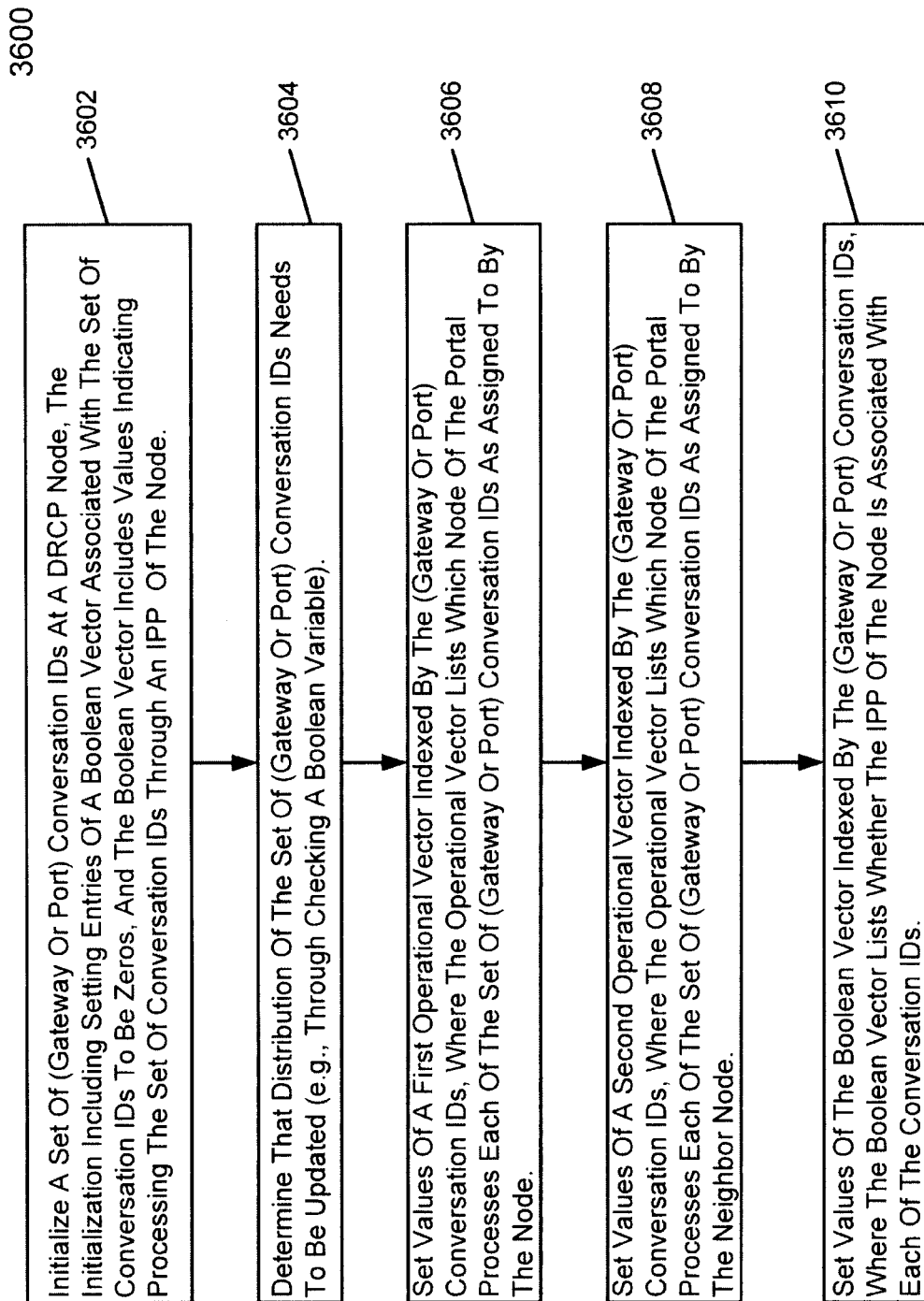


FIG. 36