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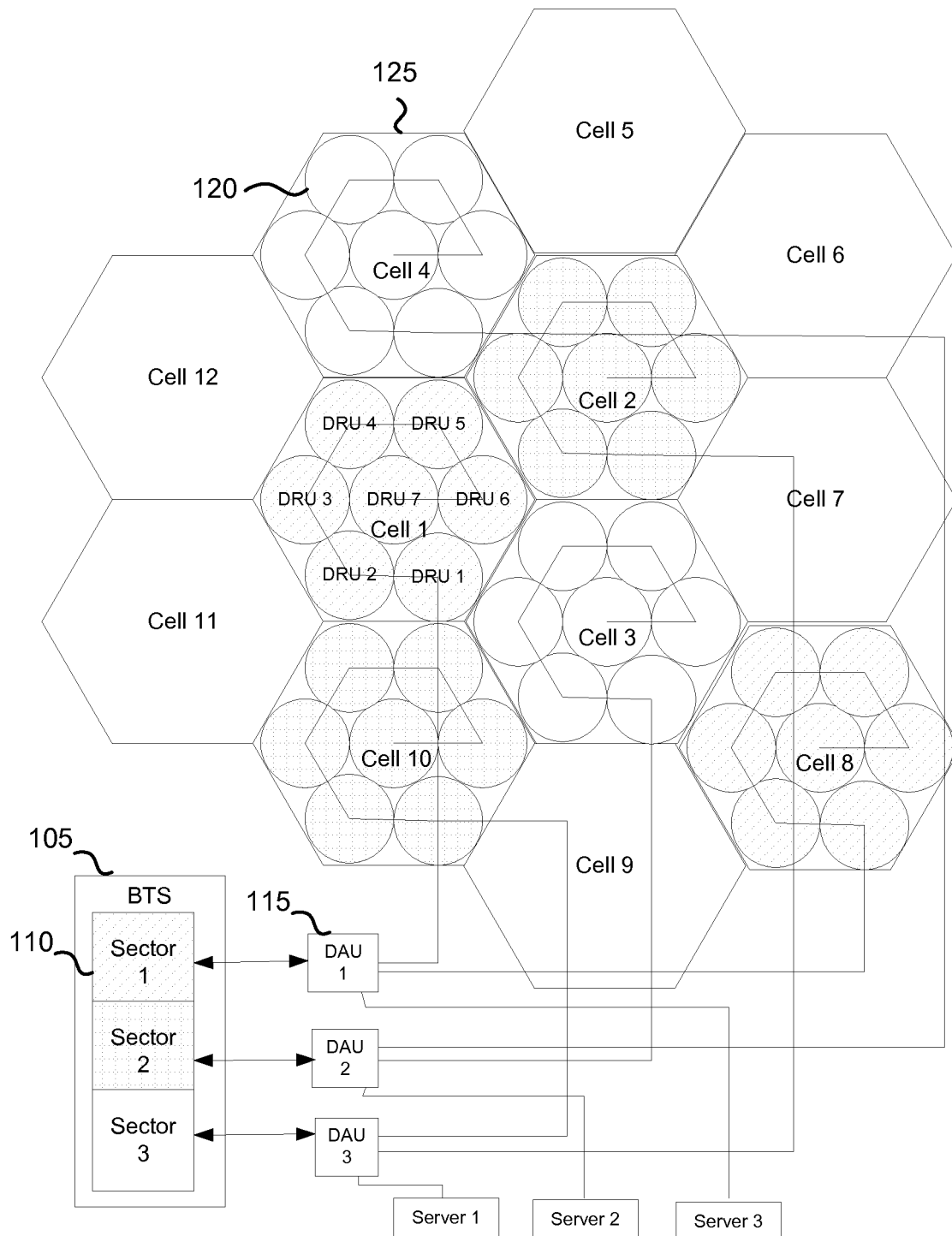


FIG. 1

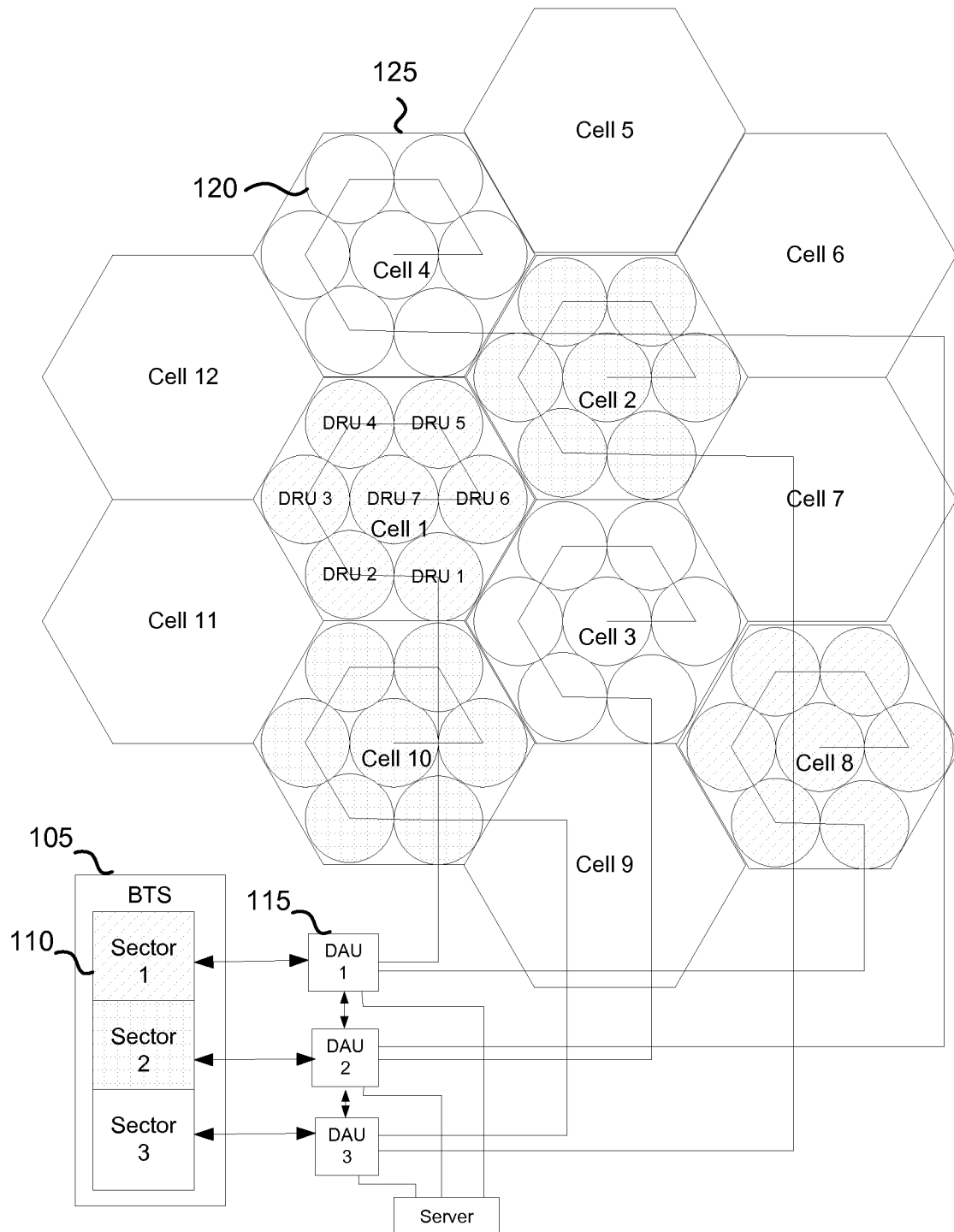


FIG. 2

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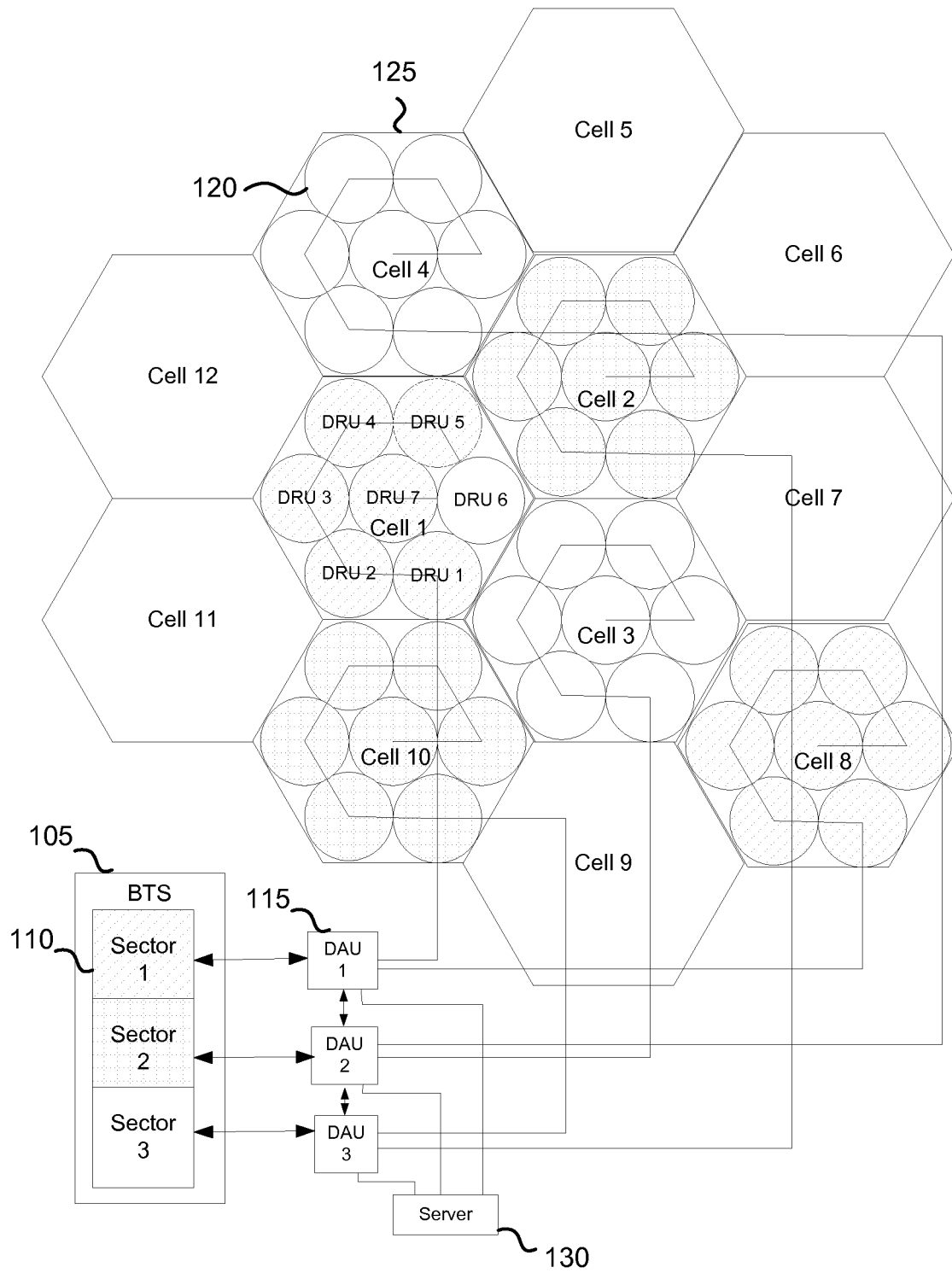


FIG. 3

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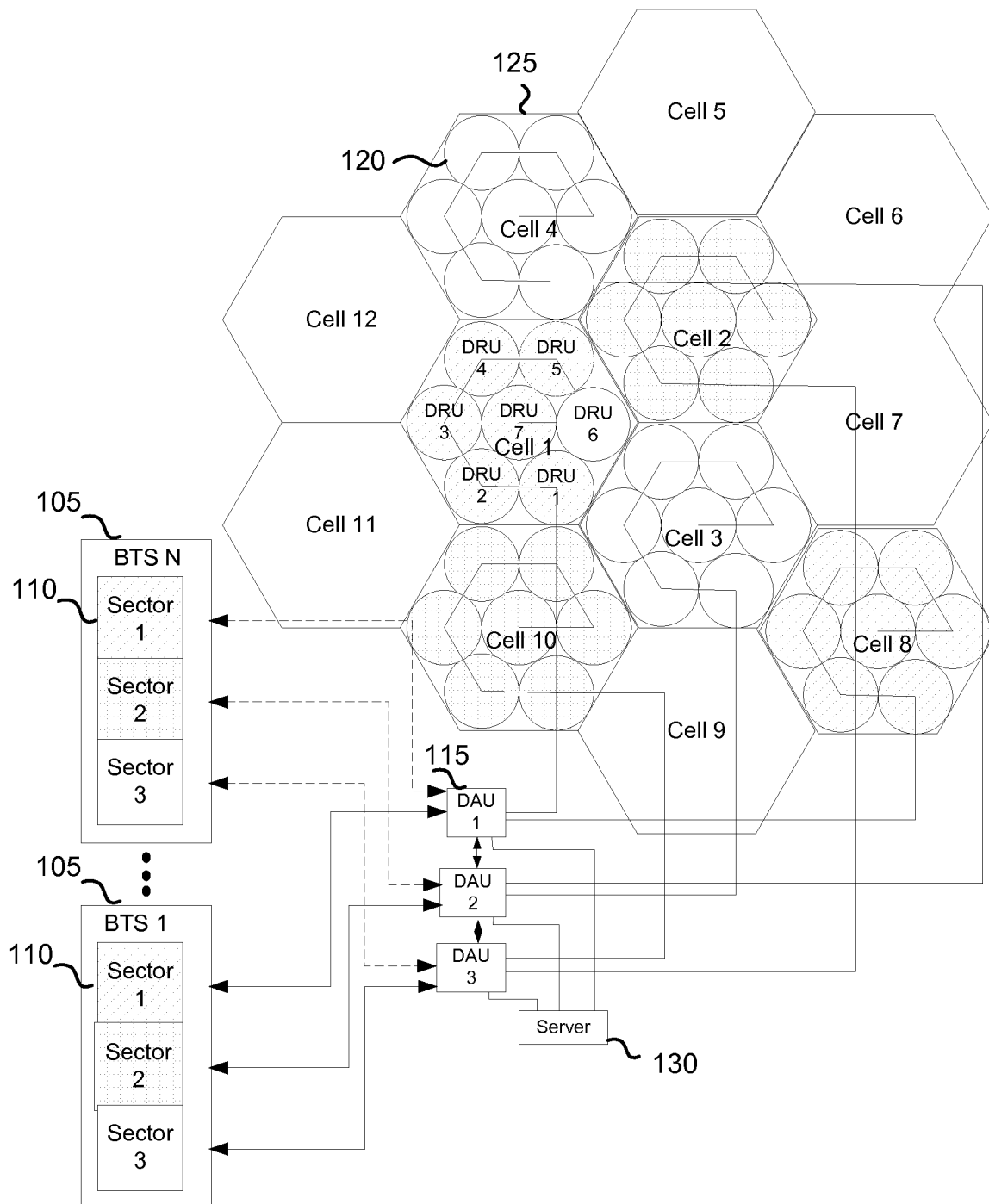


FIG. 4

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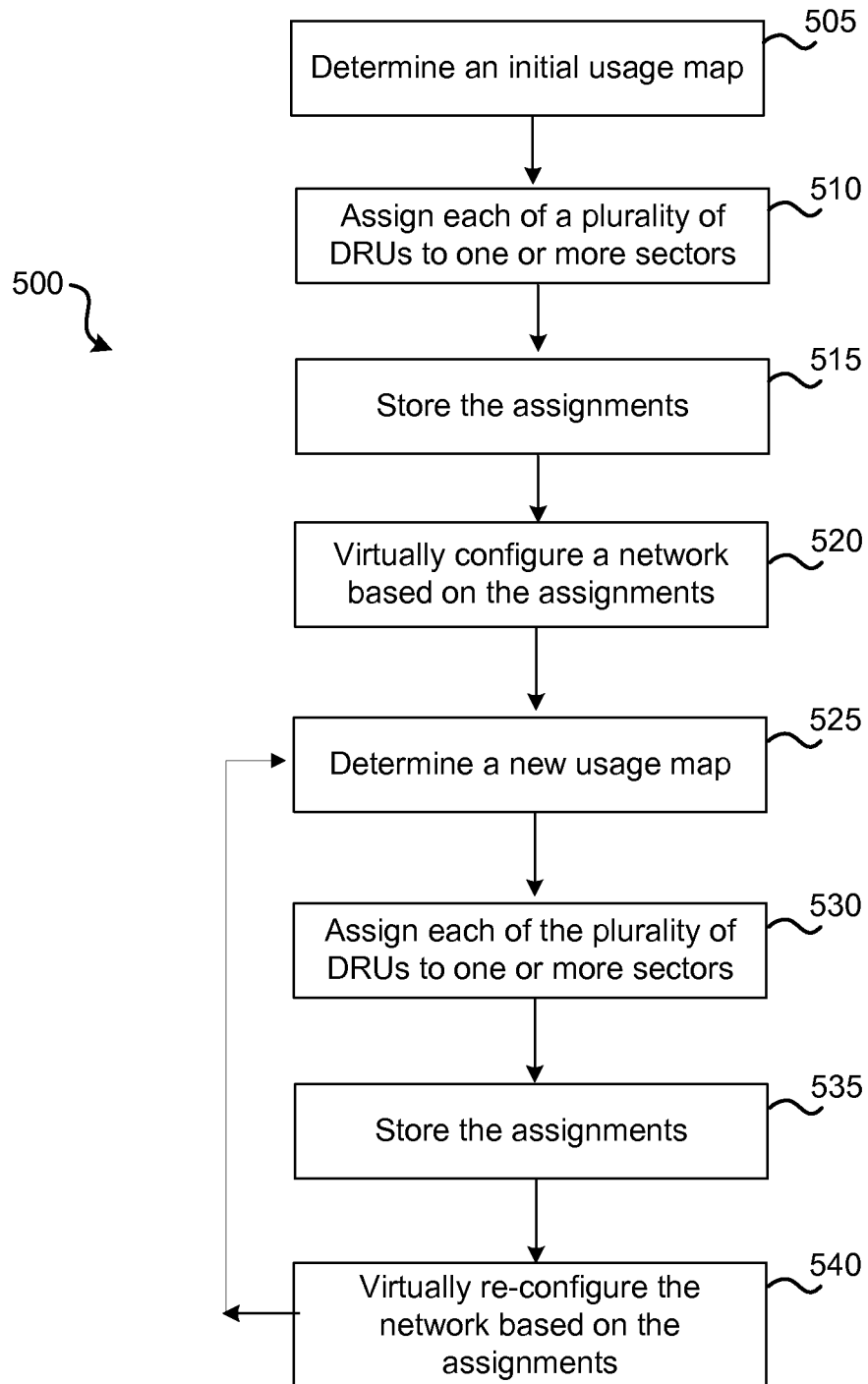


FIG. 5

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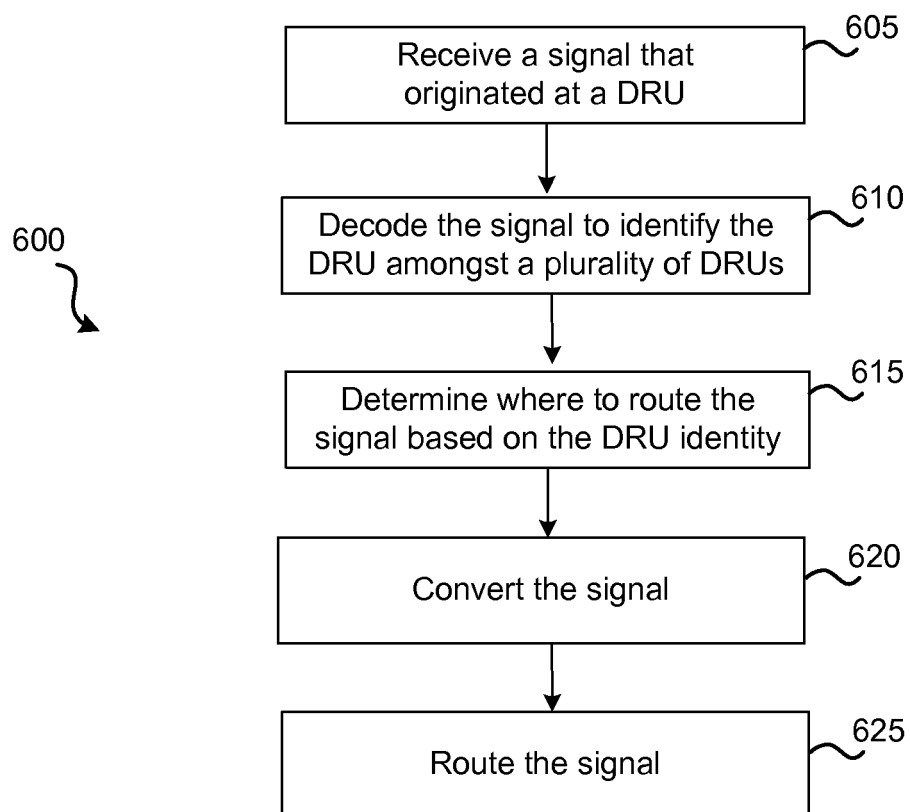


FIG. 6

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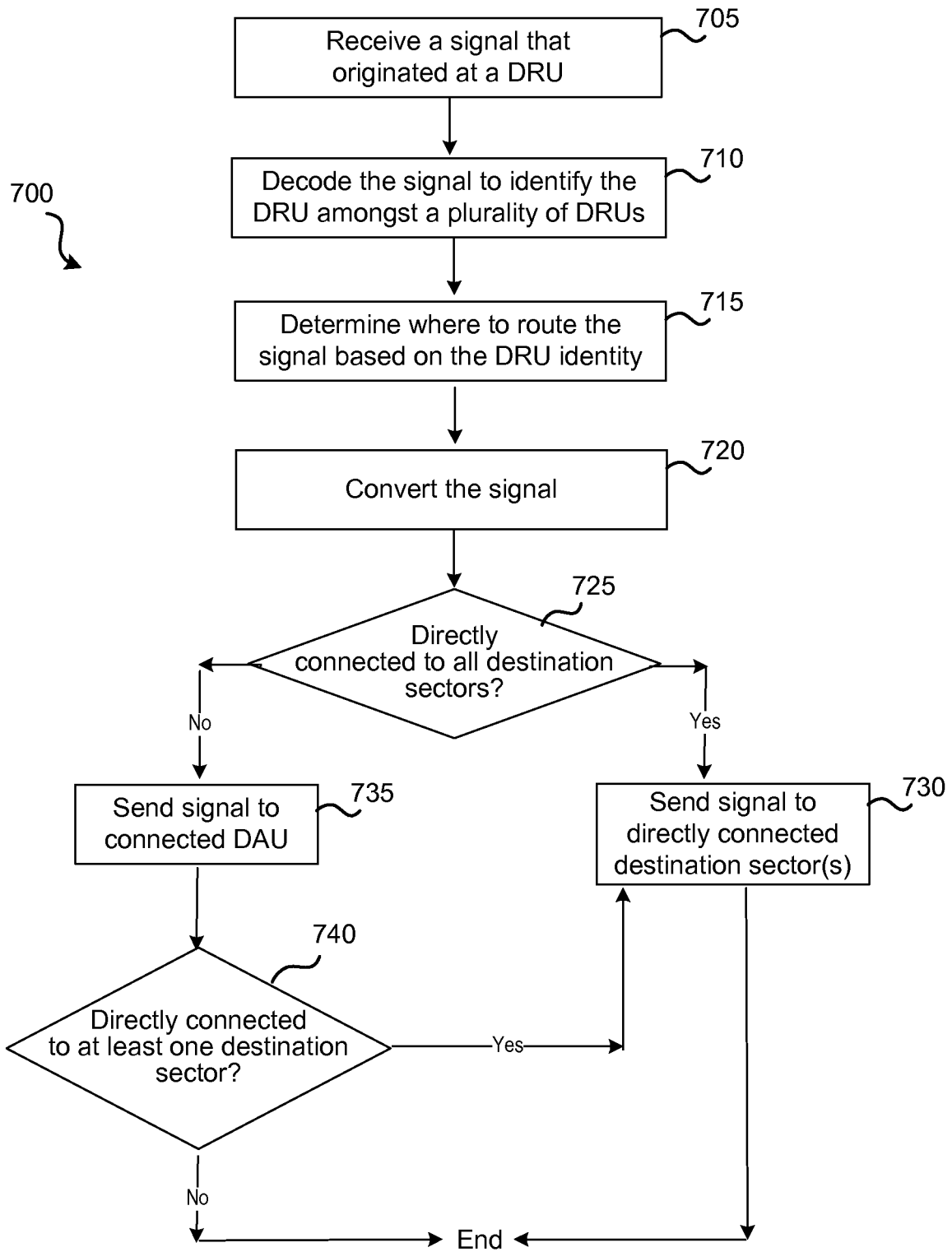


FIG. 7

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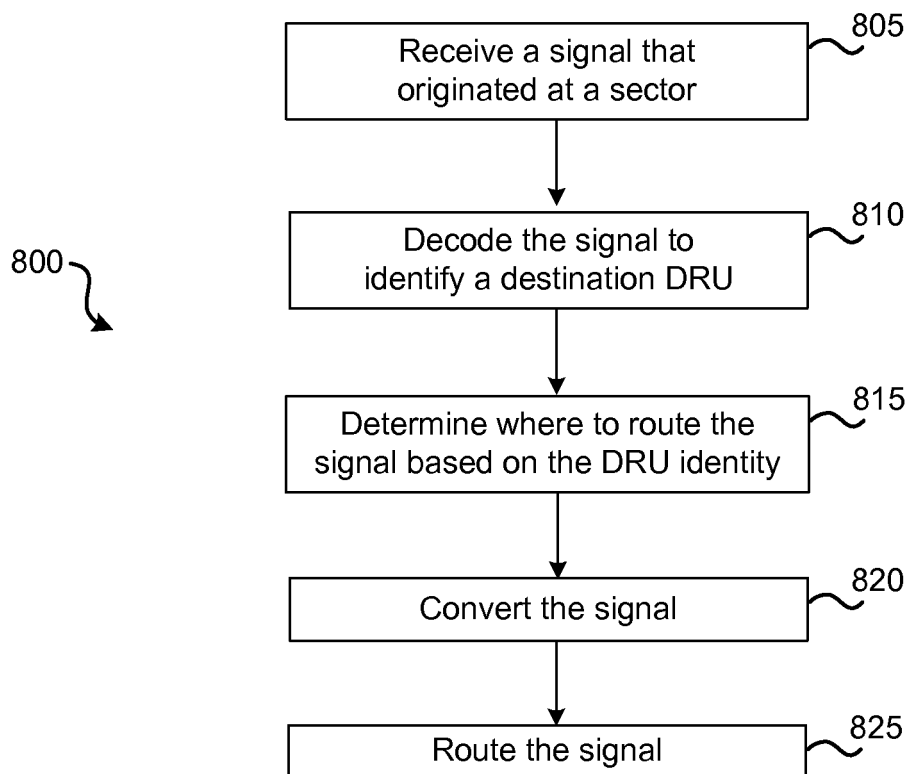


FIG. 8

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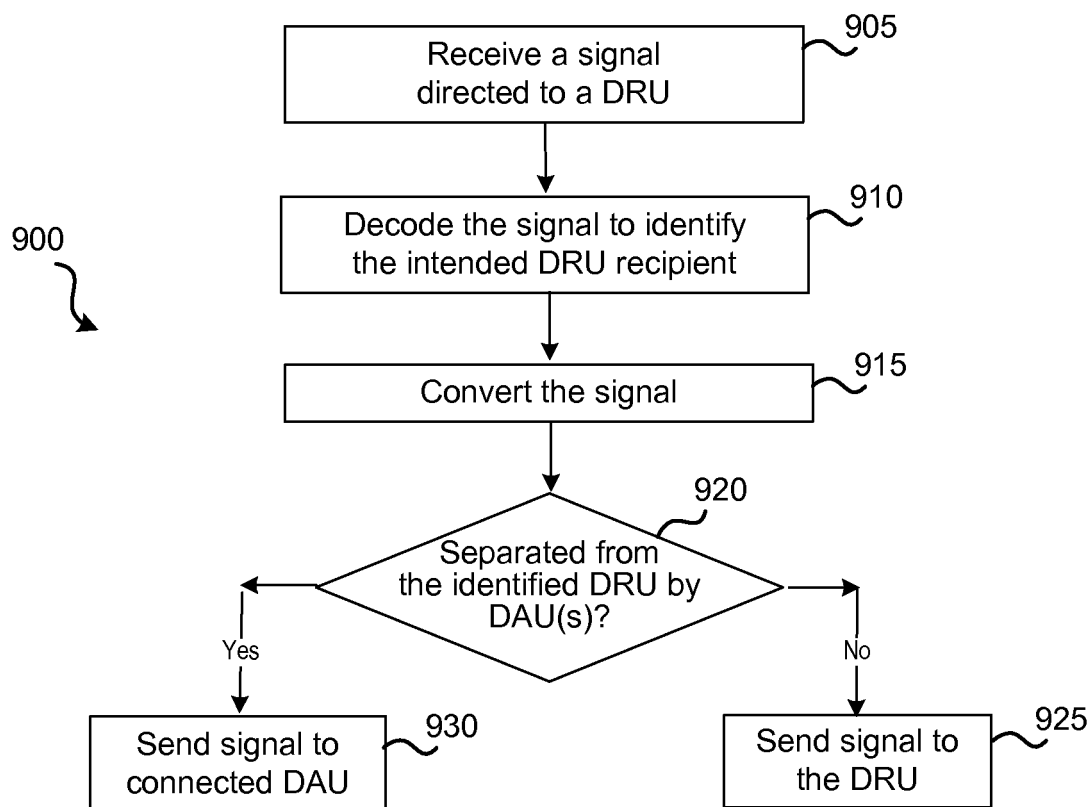


FIG. 9

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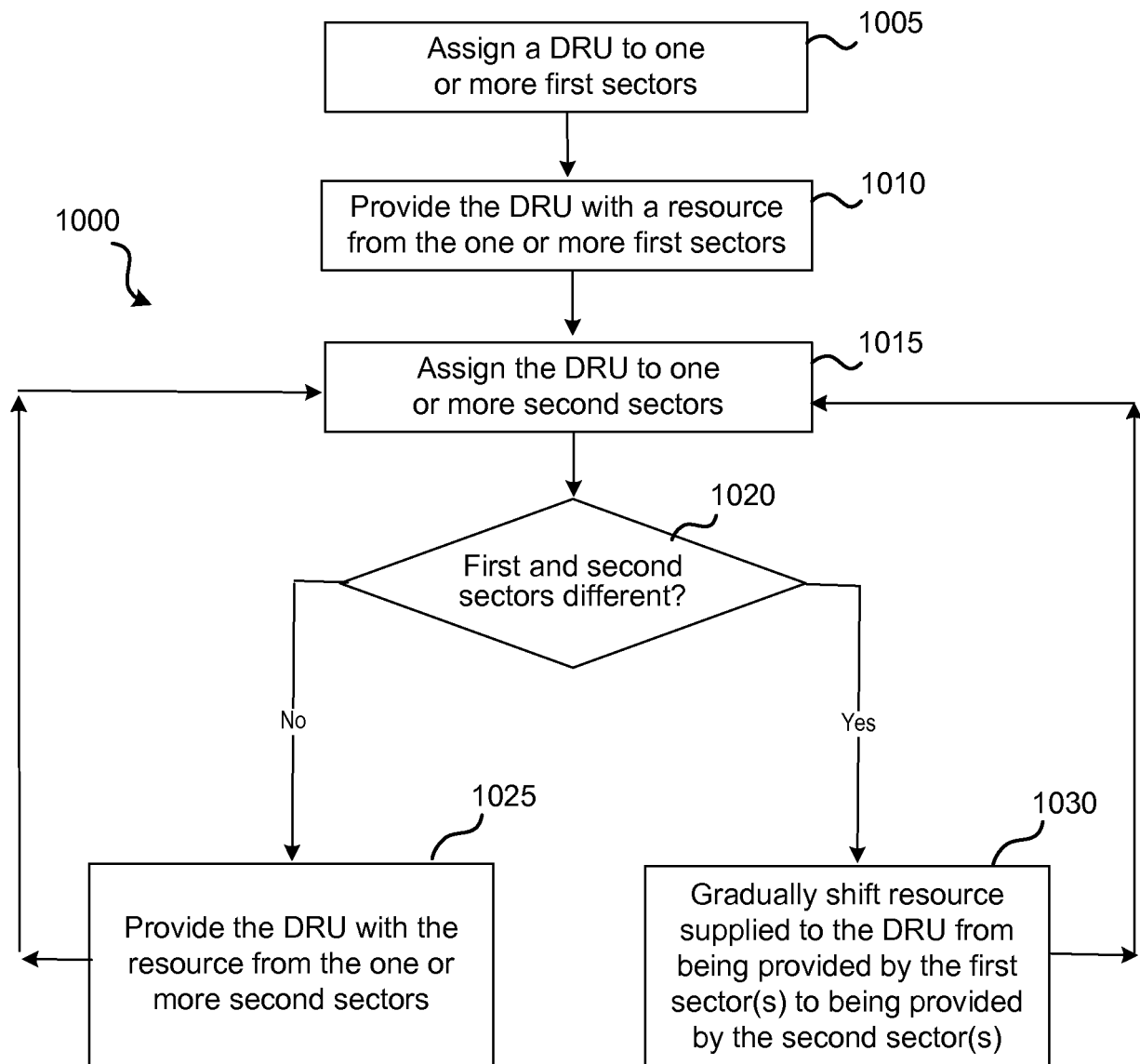
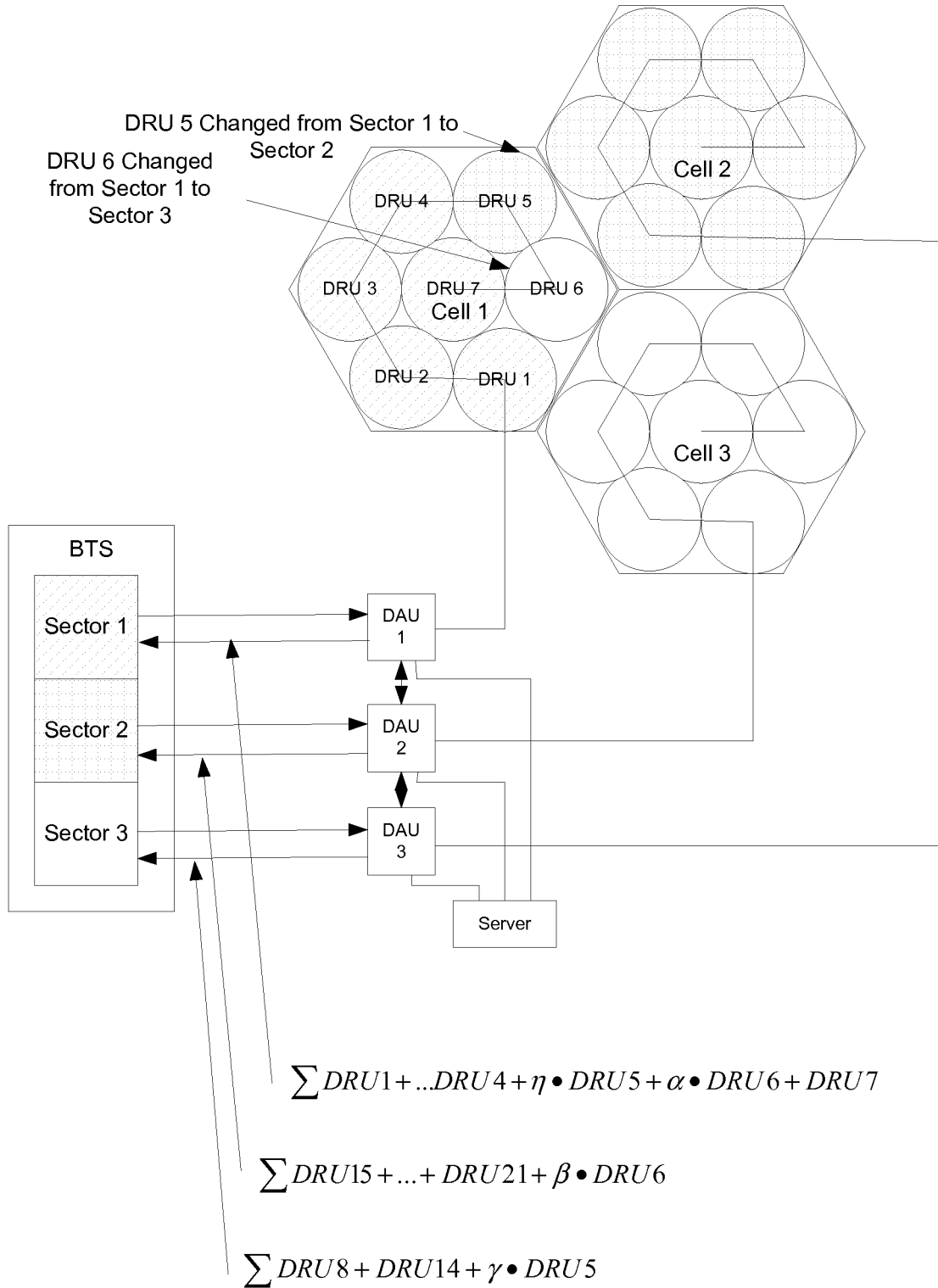


FIG. 10

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Soft Hand Off of
DRU 6 :

α Varies linearly from 1 to 0

$$\beta = 1 - \alpha \quad 0 \leq \alpha \leq 1$$

Soft Hand Off of
DRU 5 :

η Varies linearly from 1 to 0

$$\gamma = 1 - \eta \quad 0 \leq \eta \leq 1$$

FIG. 11

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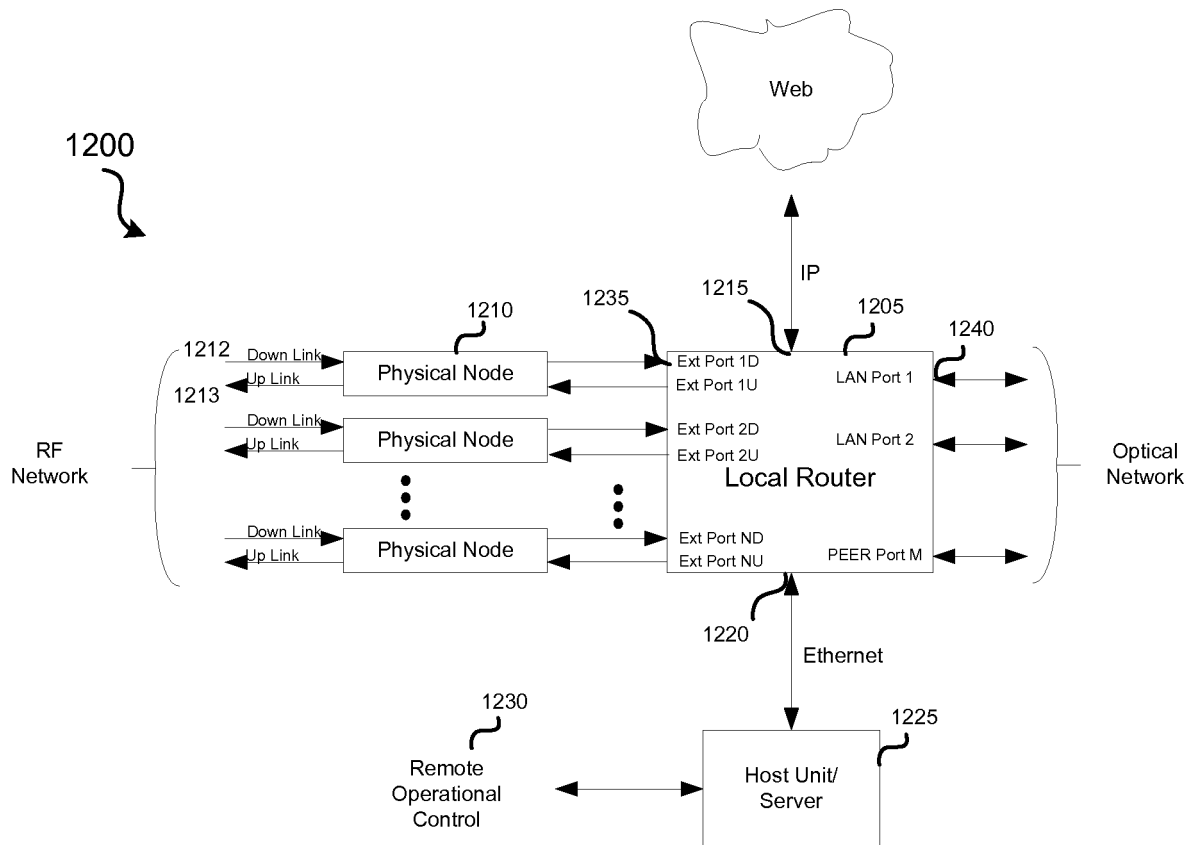


FIG. 12

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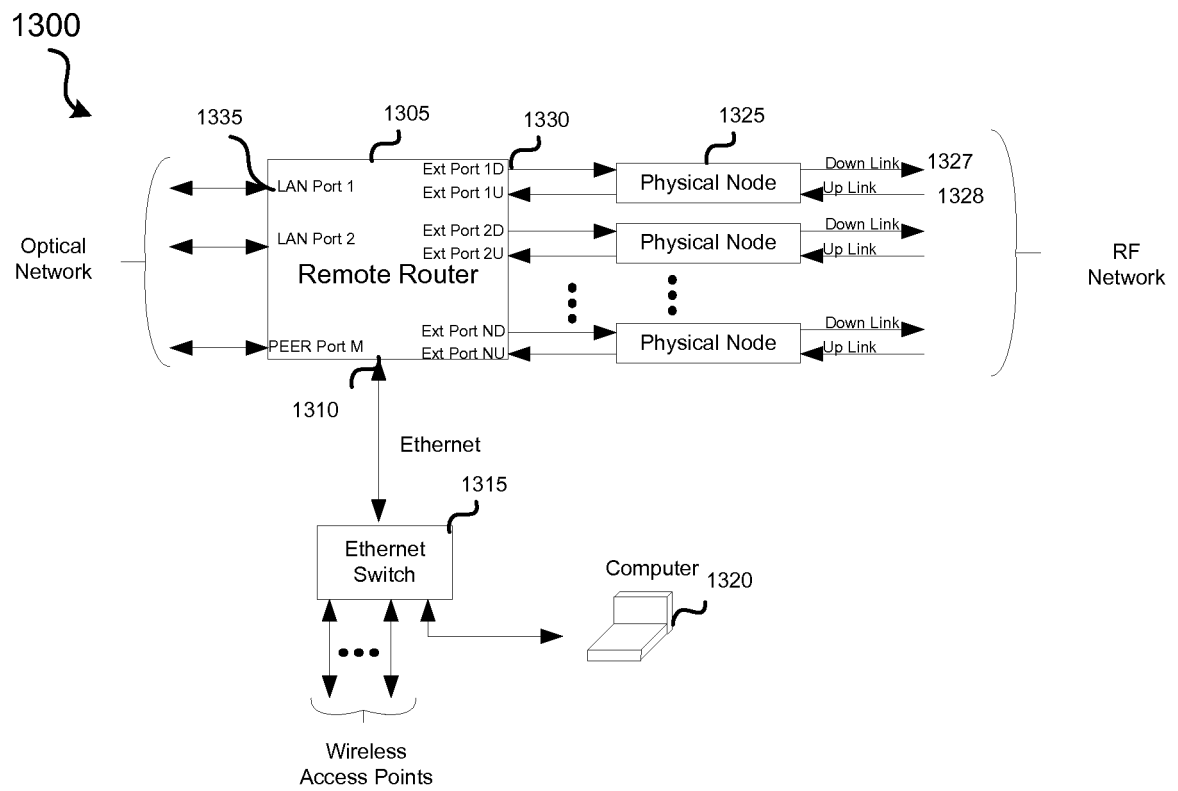


FIG. 13

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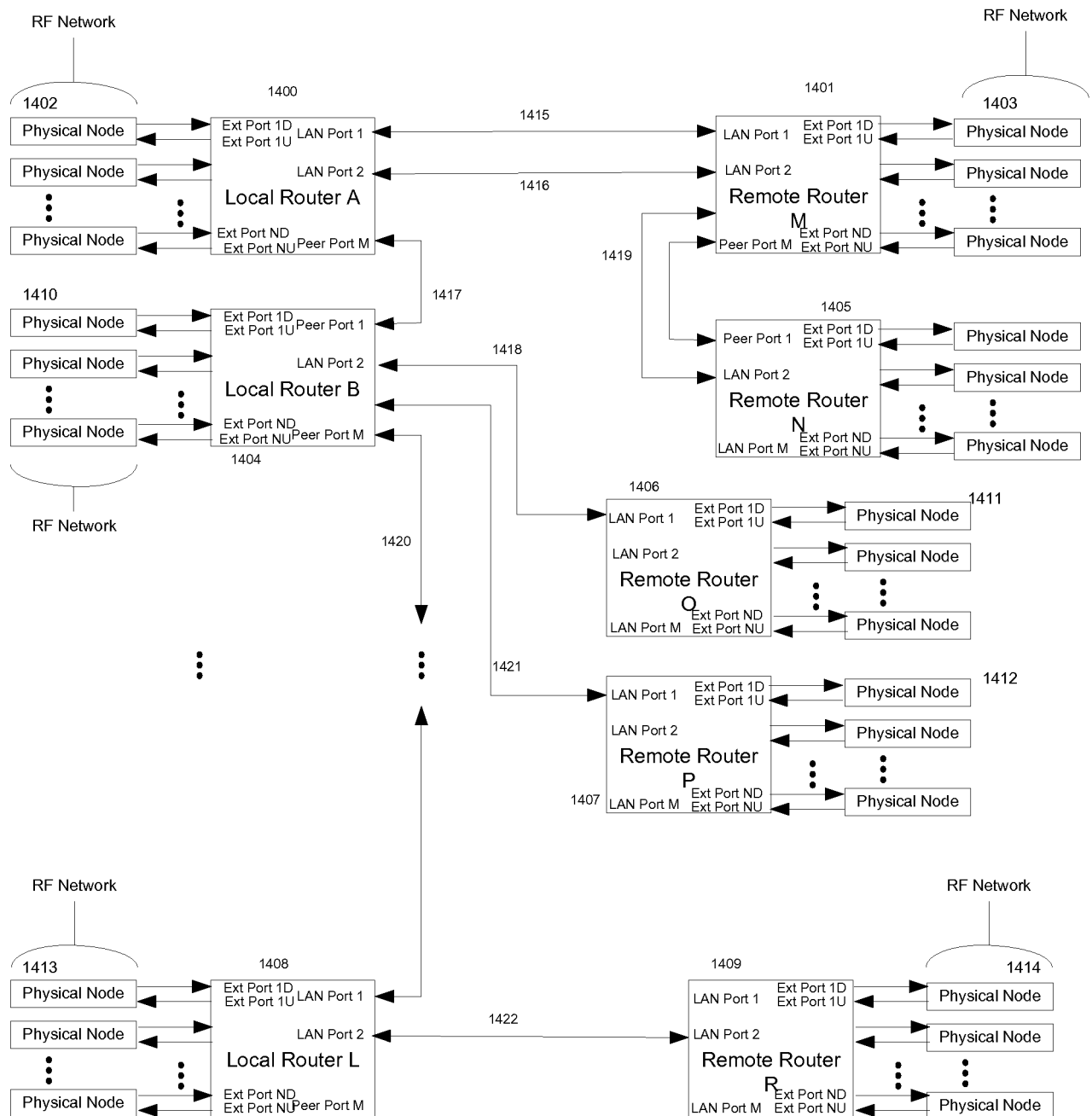


FIG. 14

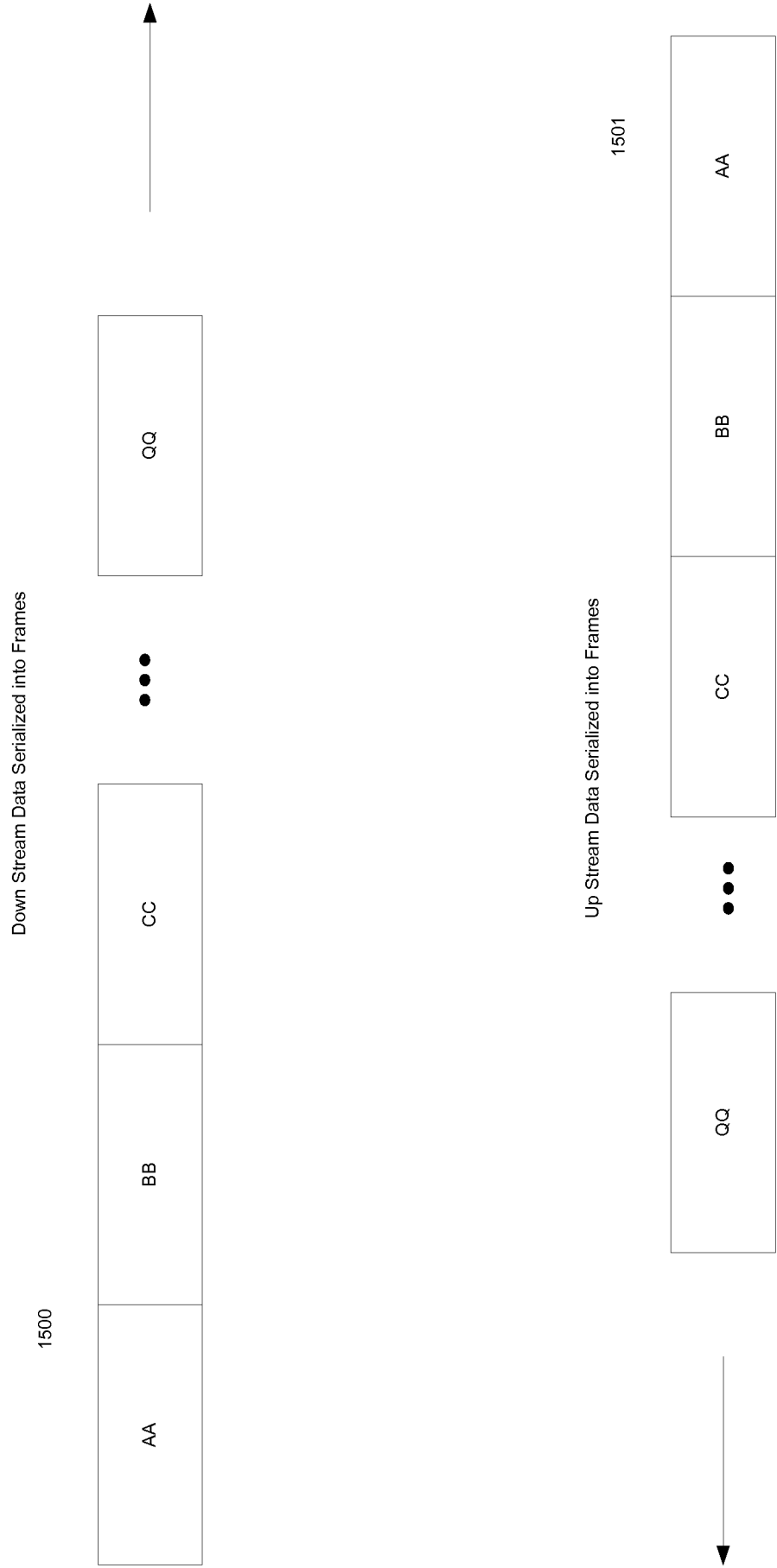
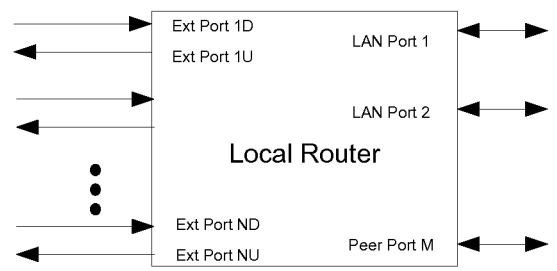


FIG. 15



		LAN Port 1 in					LAN Port 2 in					LAN Port Q in					PEER Port 1 in					PEER Port M in					Merge OUT					...
		AA	BB	CC	DD	EE	AA	BB	CC	DD	EE	AA	BB	CC	DD	EE	AA	BB	CC	DD	EE	AA	BB	CC	DD	EE	α	β	γ	δ	ε	
EXT Port out	1U																															
	2U																															
	3U																															
	4U																															
	5U																															
PEER Port 1 out	AA																															
	BB																															
	CC																															
	DD																															
	EE																															
PEER Port M out	AA																															
	BB																															
	CC																															
	DD																															
	EE																															
Merge Port IN	1																															
	α																															
	2																															
	β																															
	3																															
	γ																															
	1																															
	2																															
	δ																															
	3																															
⋮	ε																															
	1																															
	2																															
	3																															

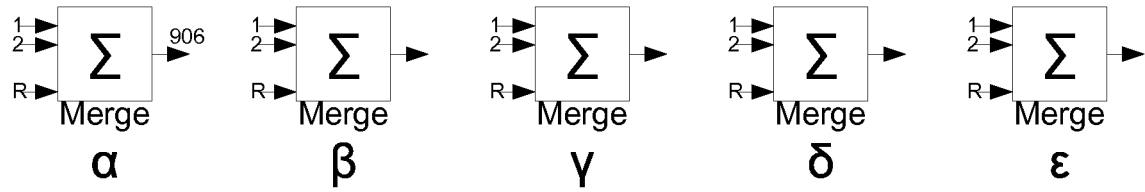
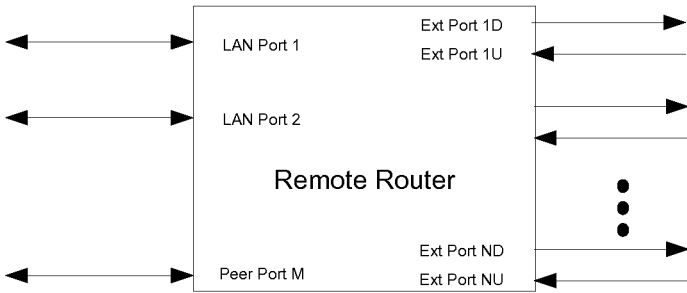


FIG. 17



		LAN Port 1 in					LAN Port 2 in					LAN Port Q in					PEER Port 1 in					PEER Port M in					Merge OUT					...
		AA	BB	CC	DD	EE	AA	BB	CC	DD	EE	AA	BB	CC	DD	EE	AA	BB	CC	DD	EE	AA	BB	CC	DD	EE	α	β	γ	δ	ε	
EXT Port out	1D																															
	2D																															
	3D																															
	4D																															
	5D																															
PEER Port 1 out	AA																															
	BB																															
	CC																															
	DD																															
	EE																															
PEER Port M out	AA																															
	BB																															
	CC																															
	DD																															
	EE																															
Merge Port IN	α																															
	β																															
	γ																															
	δ																															
	ε																															
	1																															
	2																															
	3																															
	1																															
	2																															
⋮	3																															
	1																															
	2																															

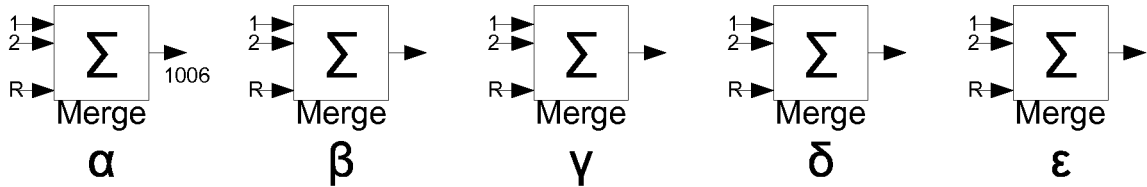
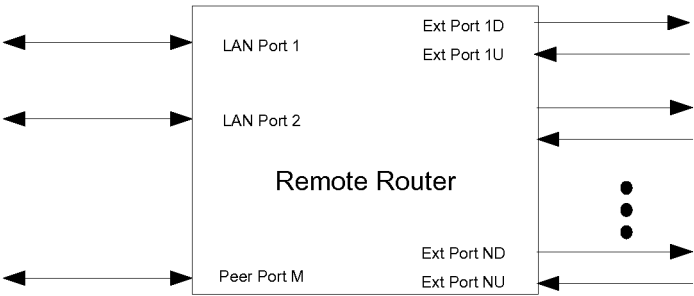


FIG. 18



		LAN Port 1 out					LAN Port 2 out					LAN Port Q out					PEER Port 1 out					PEER Port M out					MERGE IN																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
		AA	BB	CC	DD	EE	AA	BB	CC	DD	EE	AA	BB	CC	DD	EE	AA	BB	CC	DD	EE	AA	BB	CC	DD	EE	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2	3	1	2

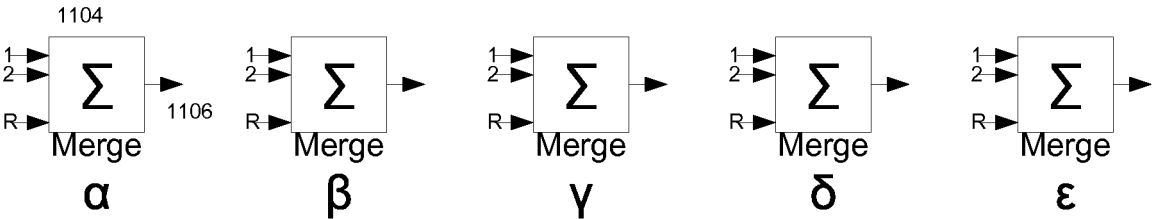
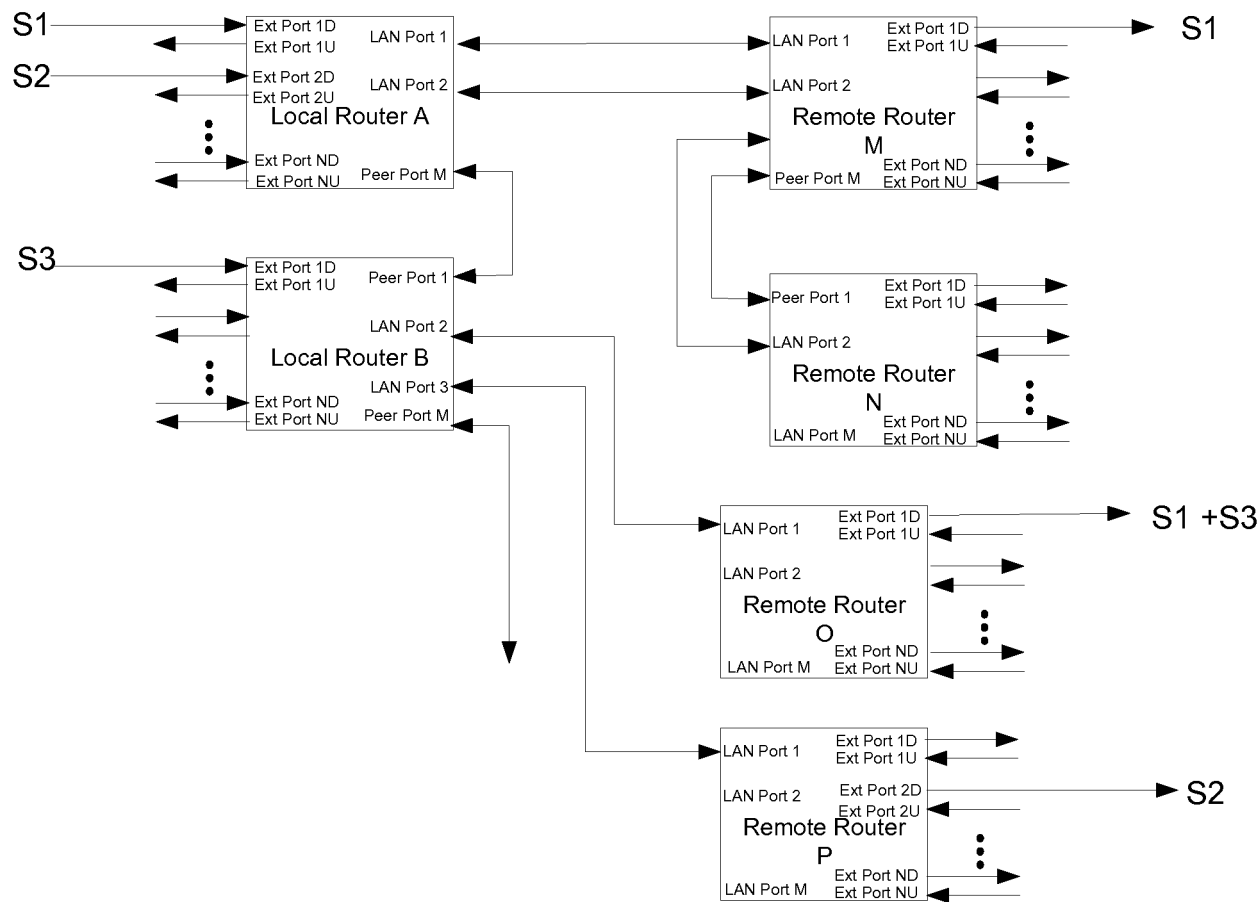


FIG. 19



S1@ Local Router A Physical Node 1 → S1@ Remote Router M Physical Node 1

	IN	OUT
Router A	External Port 1D	LAN Port 1, Stream AA
Router M	LAN Port 1, Stream AA	External Port 1D

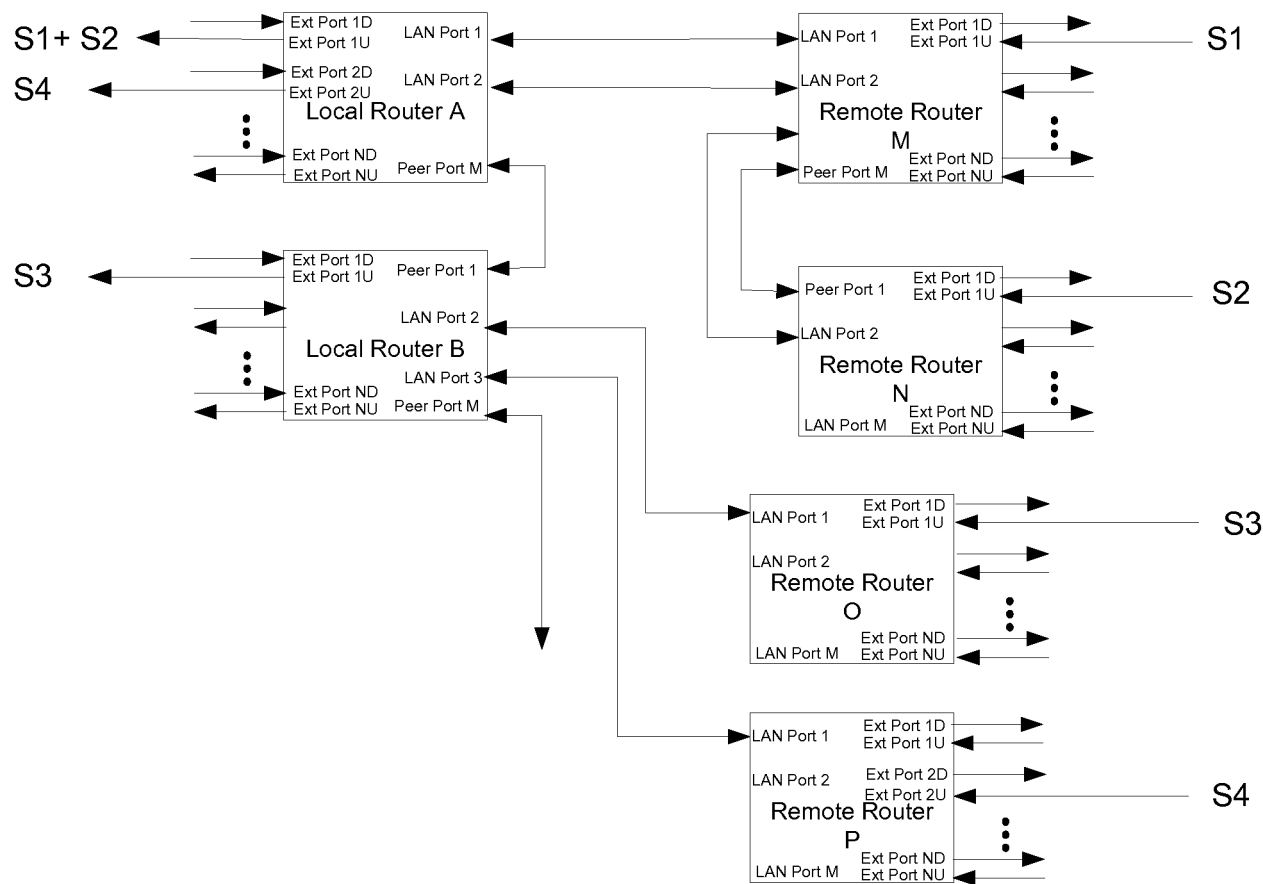
S2@ Local Router A Physical Node 2 → S2@ Remote Router P Physical Node 2

	IN	OUT
Router A	External Port 2D	PEER Port M, Stream BB
Router B	PEER Port 1, Stream BB	LAN Port 3, Stream BB
Router P	LAN Port 1, Stream BB	External Port 2D

S1@ Local Router A Physical Node 1 + S3@ Local Router B Physical Node 1 → S1+S3@ Remote Router O Physical Node 1

	IN	OUT
Router A	External Port 1D	PEER Port M, Stream AA
Router B	PEER Port 1, Stream AA	MERGE α IN 1
Router B	External Port 1D	MERGE α IN 2
Router B	MERGE α OUT	LAN Port 2, Stream AA
Router O	LAN Port 1, Stream AA	External Port 1D

FIG. 20



S3@ Remote Router O Physical Node 1 → S3@ Local Router B Physical Node 1

	IN	OUT
Router O	External Port 1U	LAN Port 1, Stream AA
Router B	LAN Port 2, Stream AA	External Port 1U

S4@ Remote Router P Physical Node 2 → S4@ Local Router A Physical Node 2

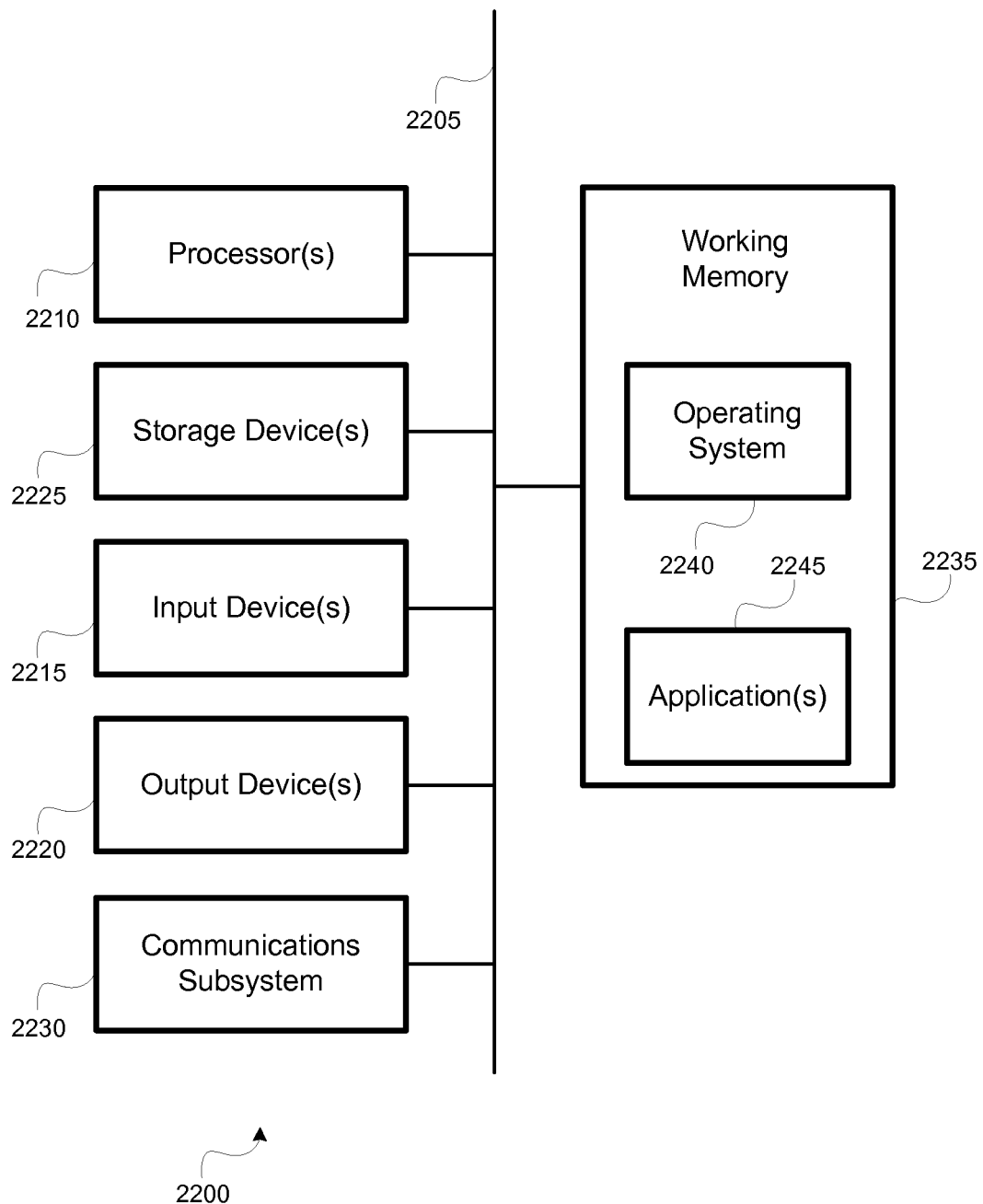
	IN	OUT
Router P	External Port 2U	LAN Port 1, Stream BB
Router B	LAN Port 3, Stream BB	PEER Port 1, Stream BB
Router A	PEER Port M, Stream BB	External Port 2U

S1@ Remote Router M Physical Node 1 + S2@ Remote Router N Physical Node 1 → S1+S3@ Local Router A Physical Node 1

	IN	OUT
Router N	External Port 1U	PEER Port 1, Stream AA
Router M	PEER Port M, Stream AA	MERGE α IN 1
Router M	External Port 1U	MERGE α IN 2
Router M	MERGE α OUT	LAN Port 1, Stream AA
Router A	LAN Port 1, Stream AA	External Port 1U

FIG. 21

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**FIGURE 22**