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FIG. 1

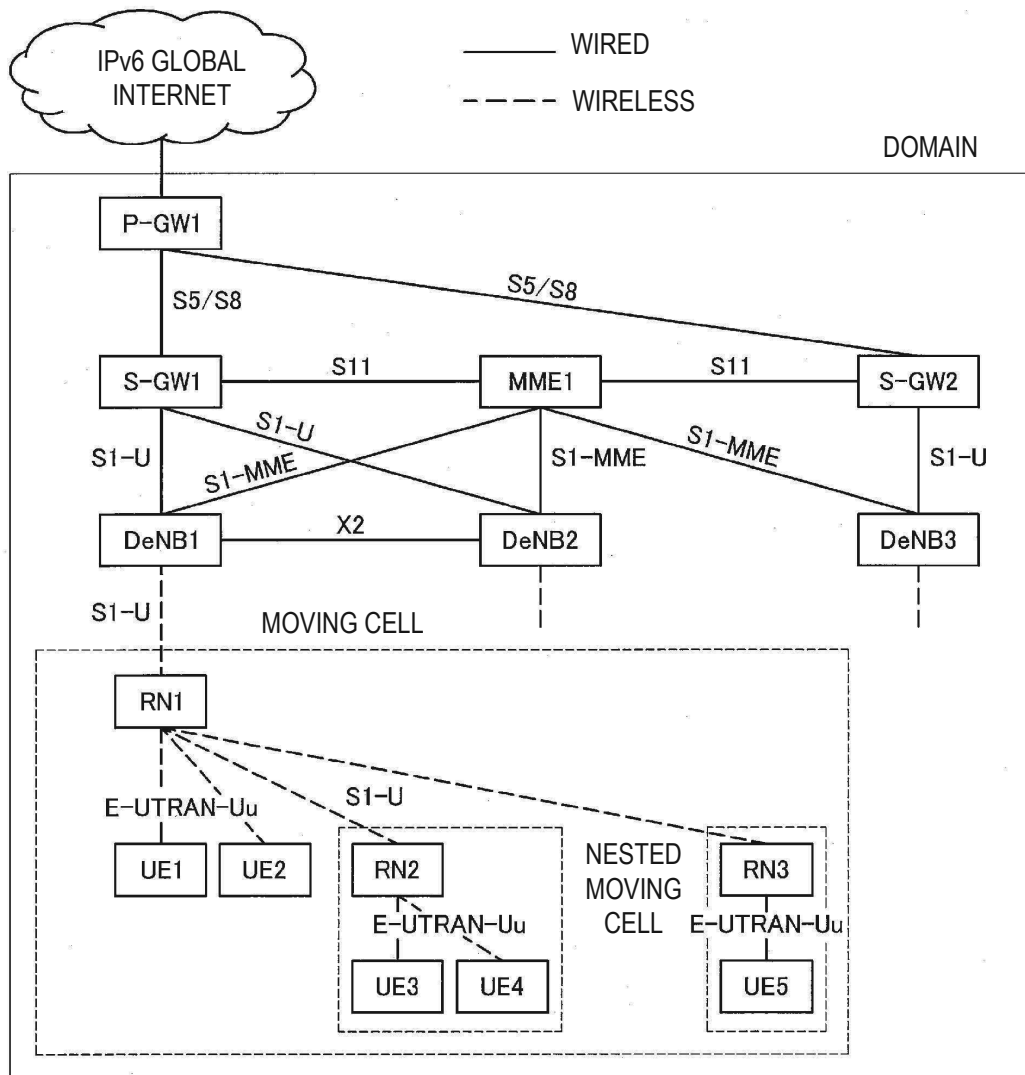
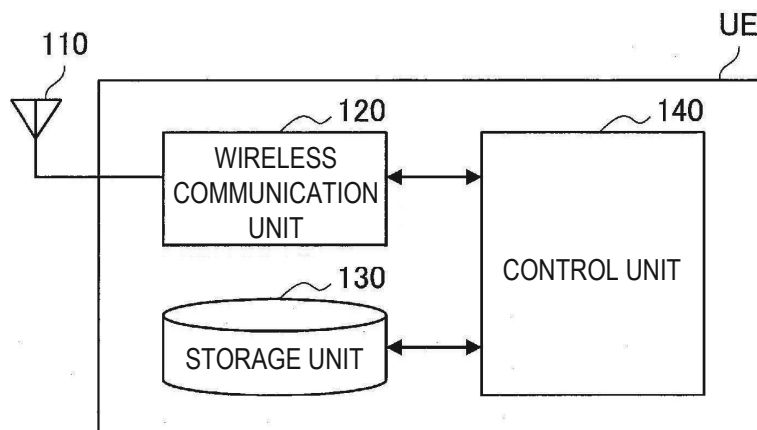


FIG. 2



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FIG. 3

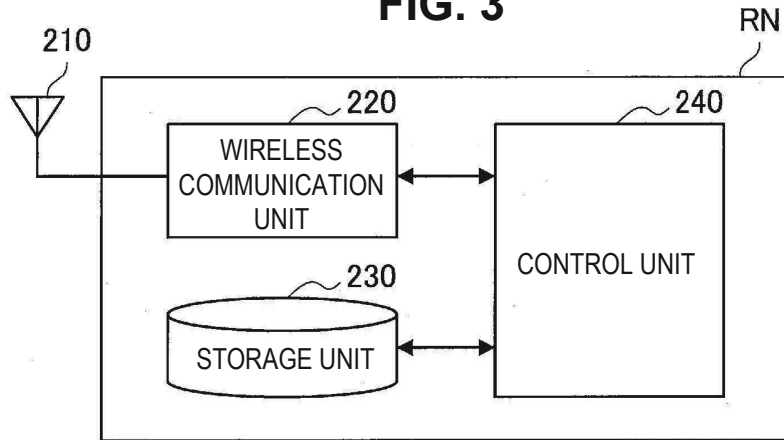


FIG. 4

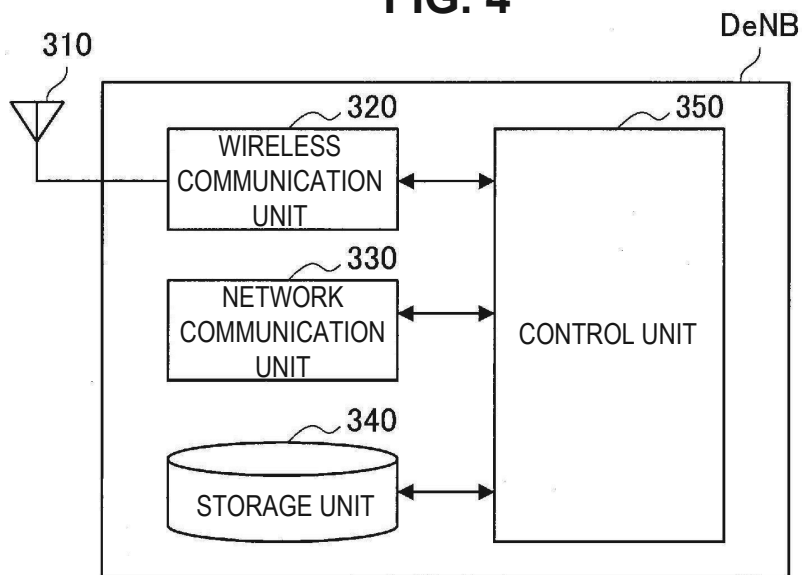


FIG. 5

P-GW, S-GW, MME

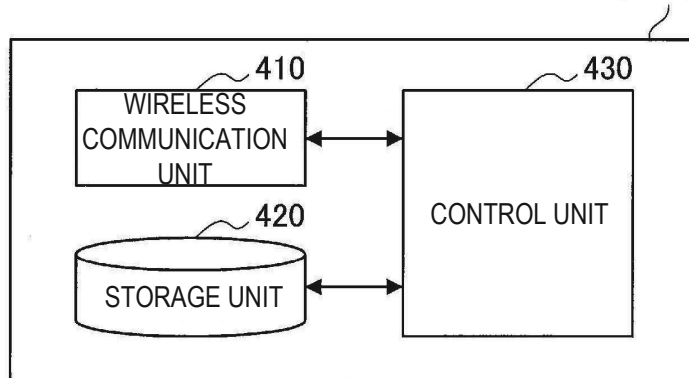


FIG. 6

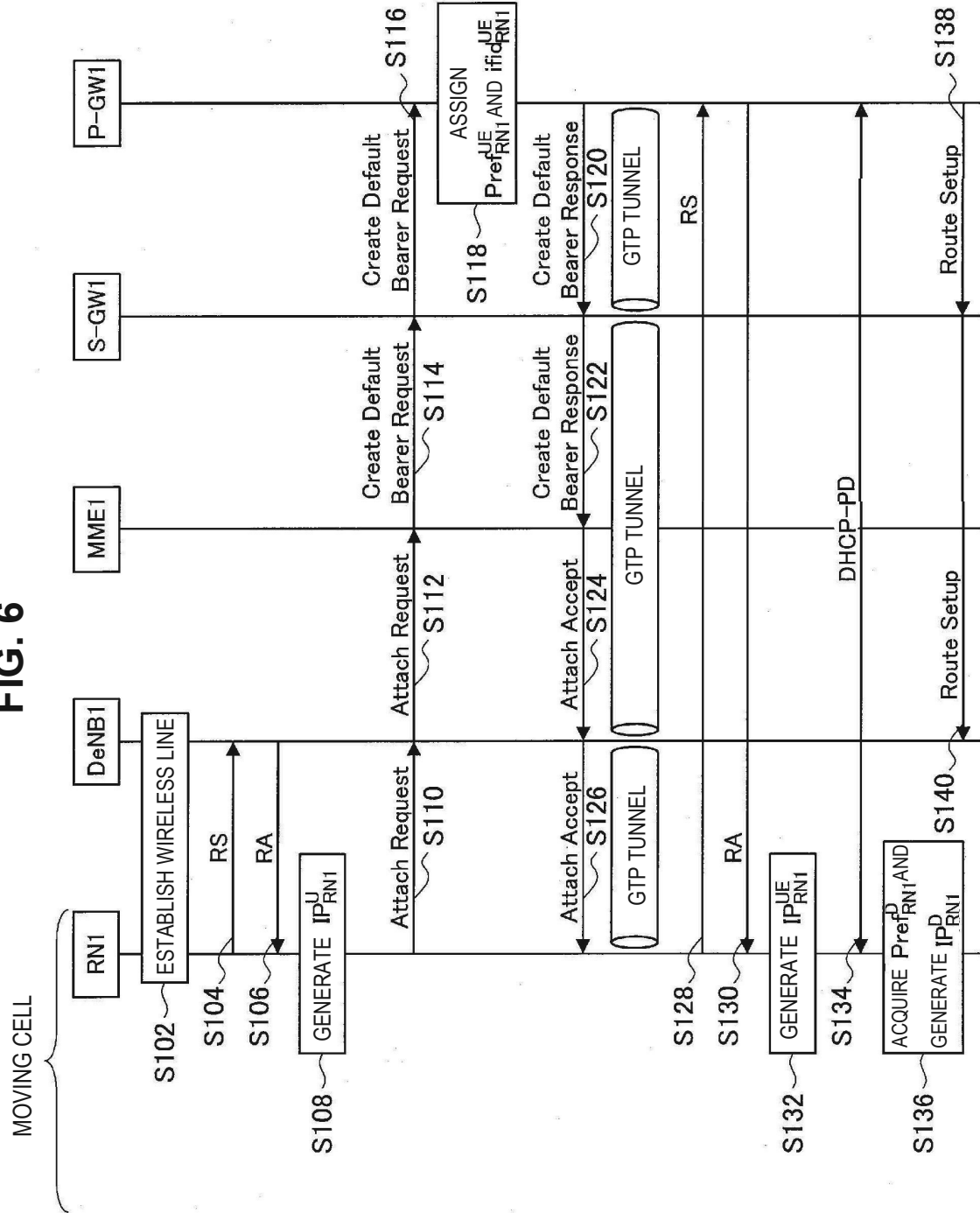


FIG. 7

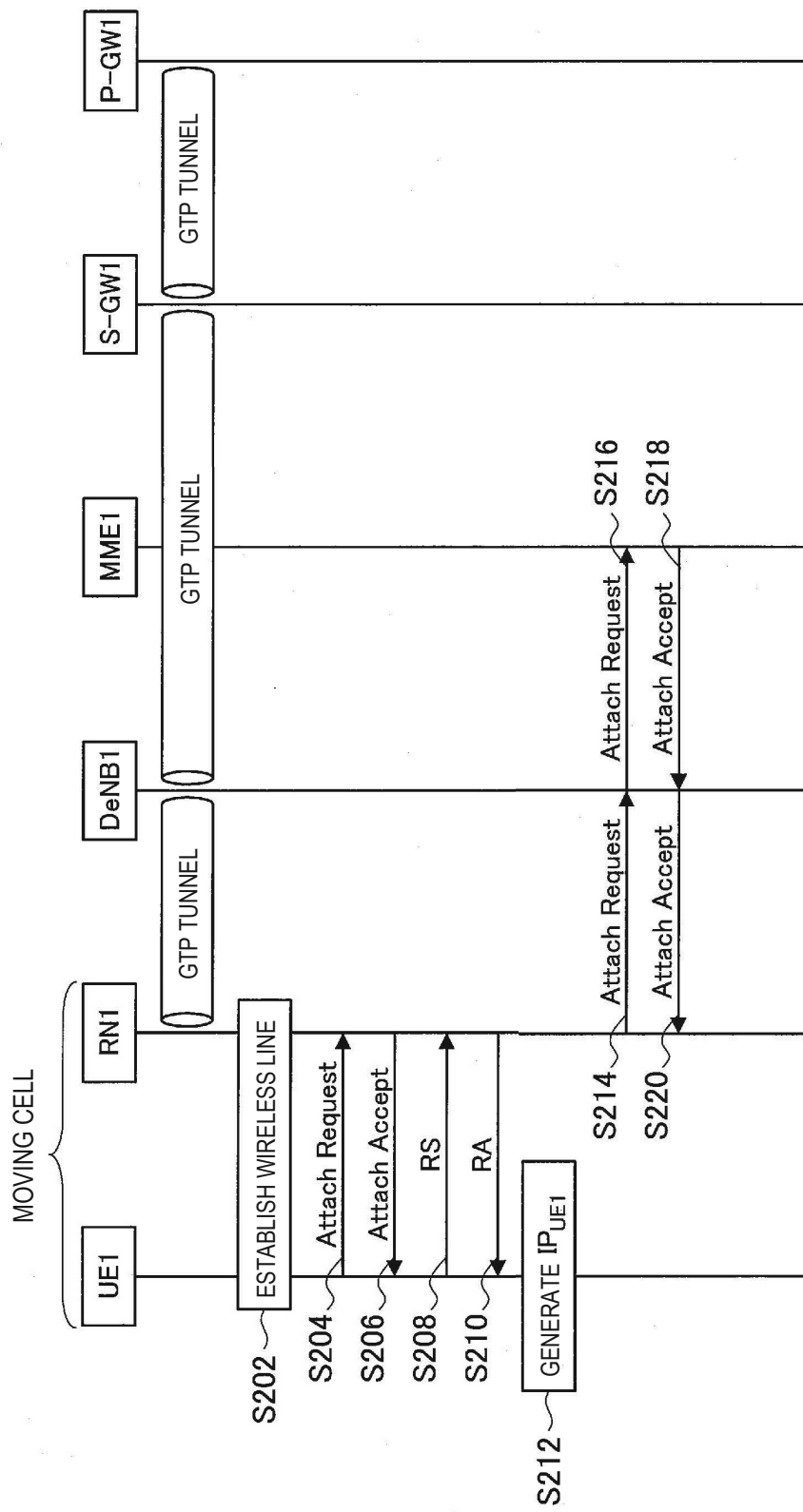


FIG. 8

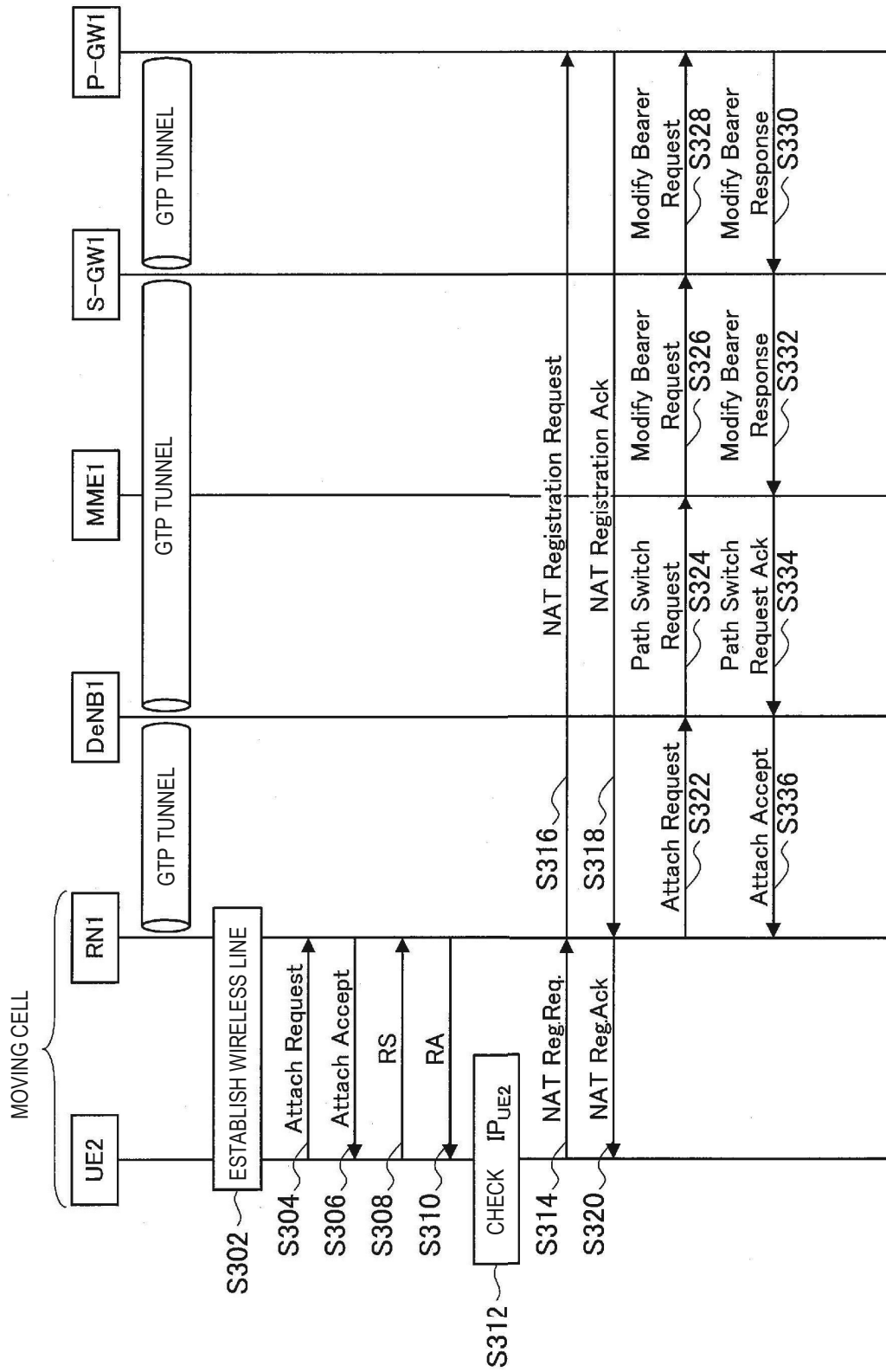


FIG. 9

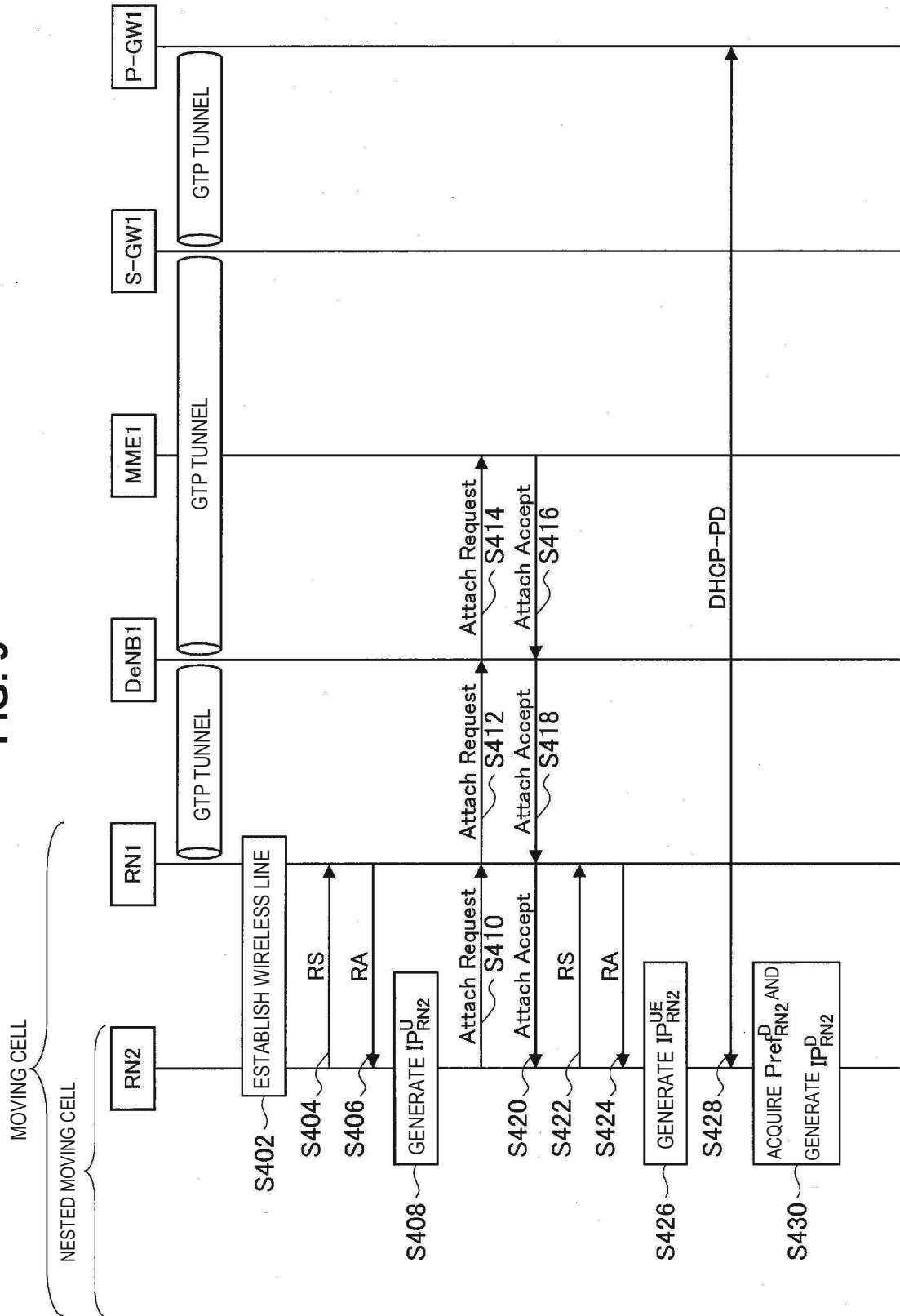


FIG. 10

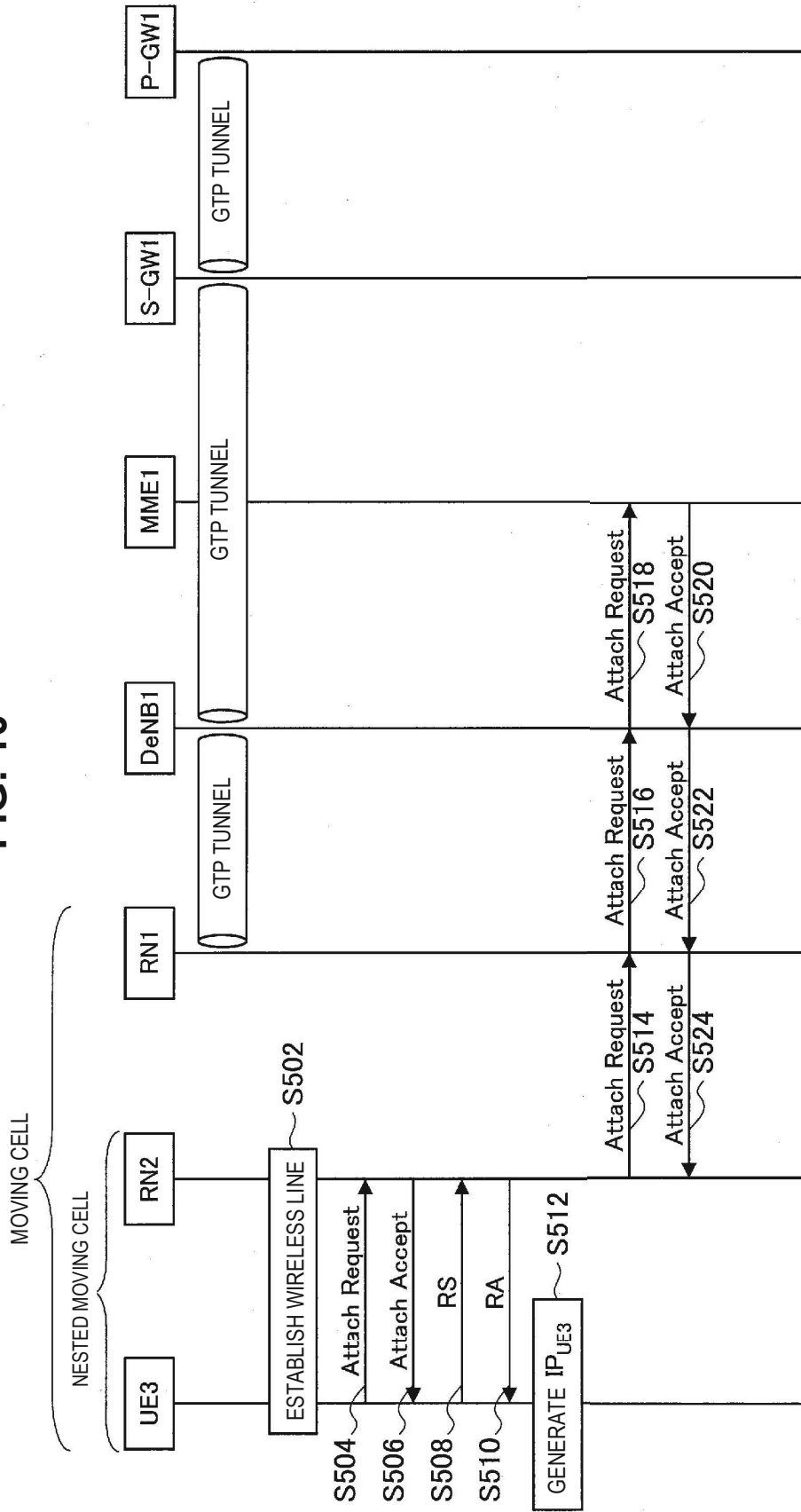
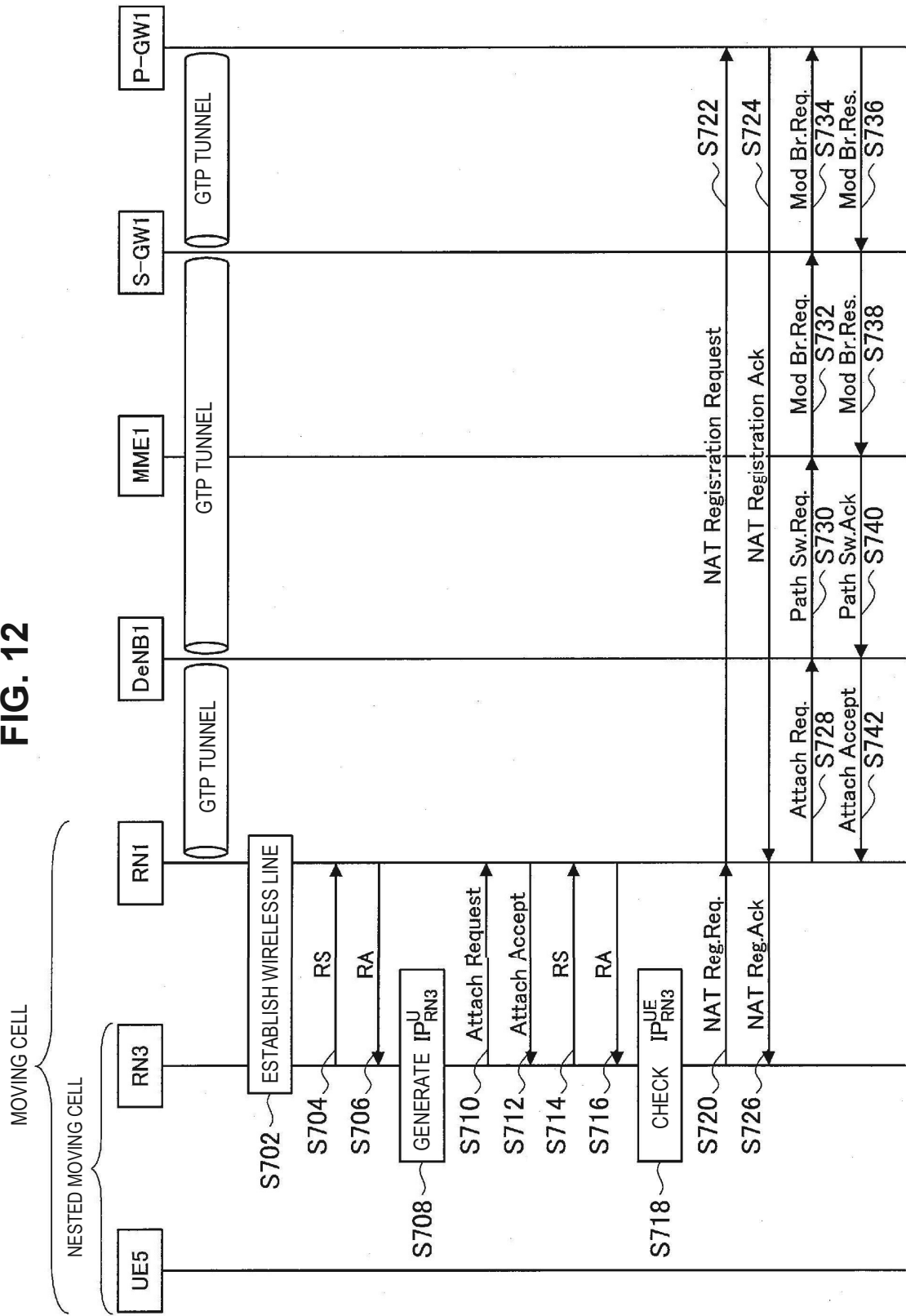
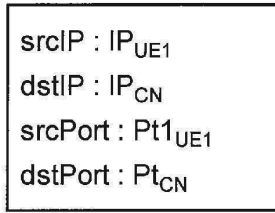


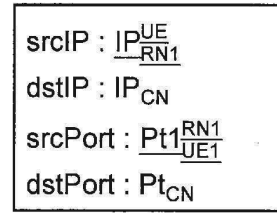
FIG. 12



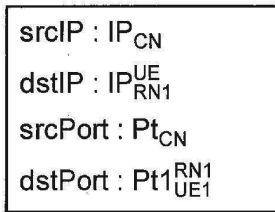
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FIG. 13



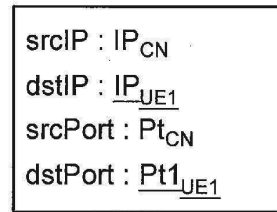
(a) PACKET HEADER
 $UE1 \rightarrow RN1$



(b) PACKET HEADER
 $RN1 \rightarrow CN$

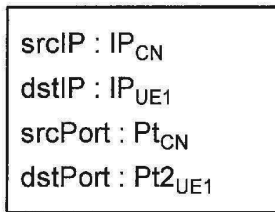


(c) PACKET HEADER
 $CN \rightarrow RN1$

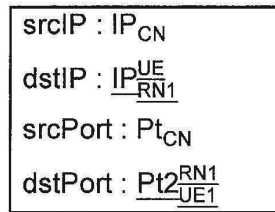


(d) PACKET HEADER
 $RN1 \rightarrow UE1$

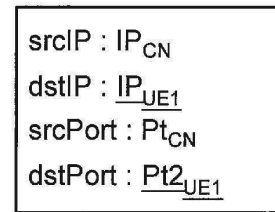
FIG. 14



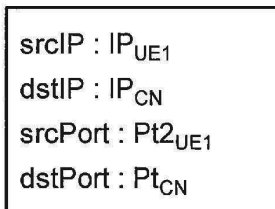
(a) PACKET HEADER
 $CN \rightarrow P-GW1$



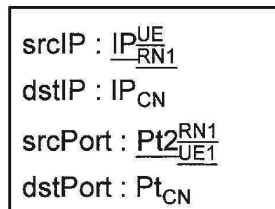
(b) PACKET HEADER
 $P-GW1 \rightarrow RN1$



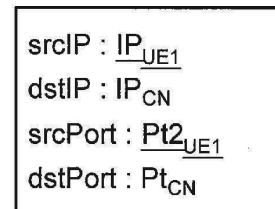
(c) PACKET HEADER
 $RN1 \rightarrow UE1$



(d) PACKET HEADER
 $UE1 \rightarrow RN1$

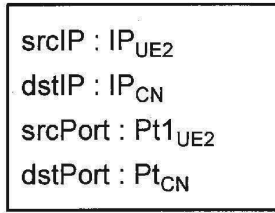


(e) PACKET HEADER
 $RN1 \rightarrow P-GW1$

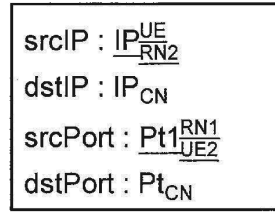


(f) PACKET HEADER
 $P-GW1 \rightarrow CN$

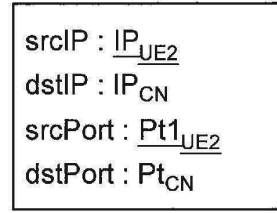
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FIG. 15



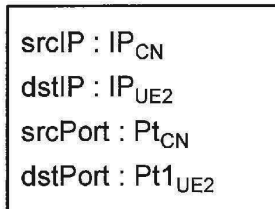
(a) PACKET HEADER
UE2 → RN1



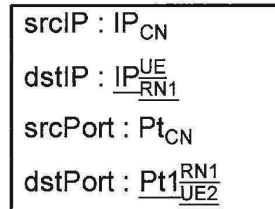
(b) PACKET HEADER
RN1 → P-GW1



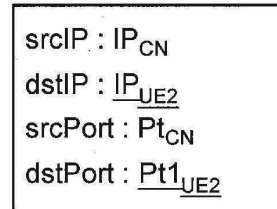
(c) PACKET HEADER
P-GW1 → CN



(d) PACKET HEADER
CN → P-GW1

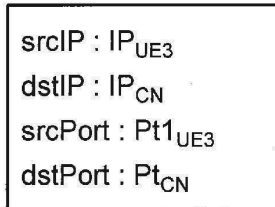


(e) PACKET HEADER
P-GW1 → RN1

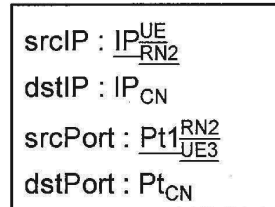


(f) PACKET HEADER
RN1 → UE1

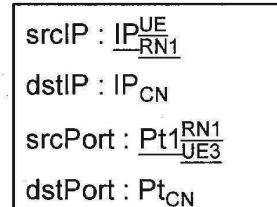
FIG. 16



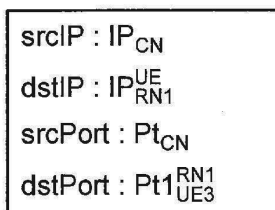
(a) PACKET HEADER
UE3 → RN2



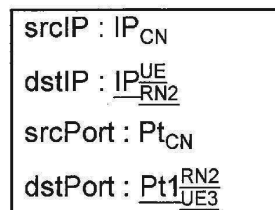
(b) PACKET HEADER
RN2 → RN1



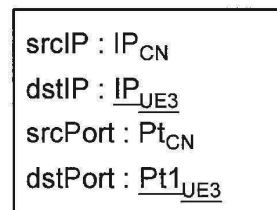
(c) PACKET HEADER
RN1 → CN



(d) PACKET HEADER
CN → RN1



(e) PACKET HEADER
RN1 → RN2



(f) PACKET HEADER
RN1 → RN2

FIG. 17

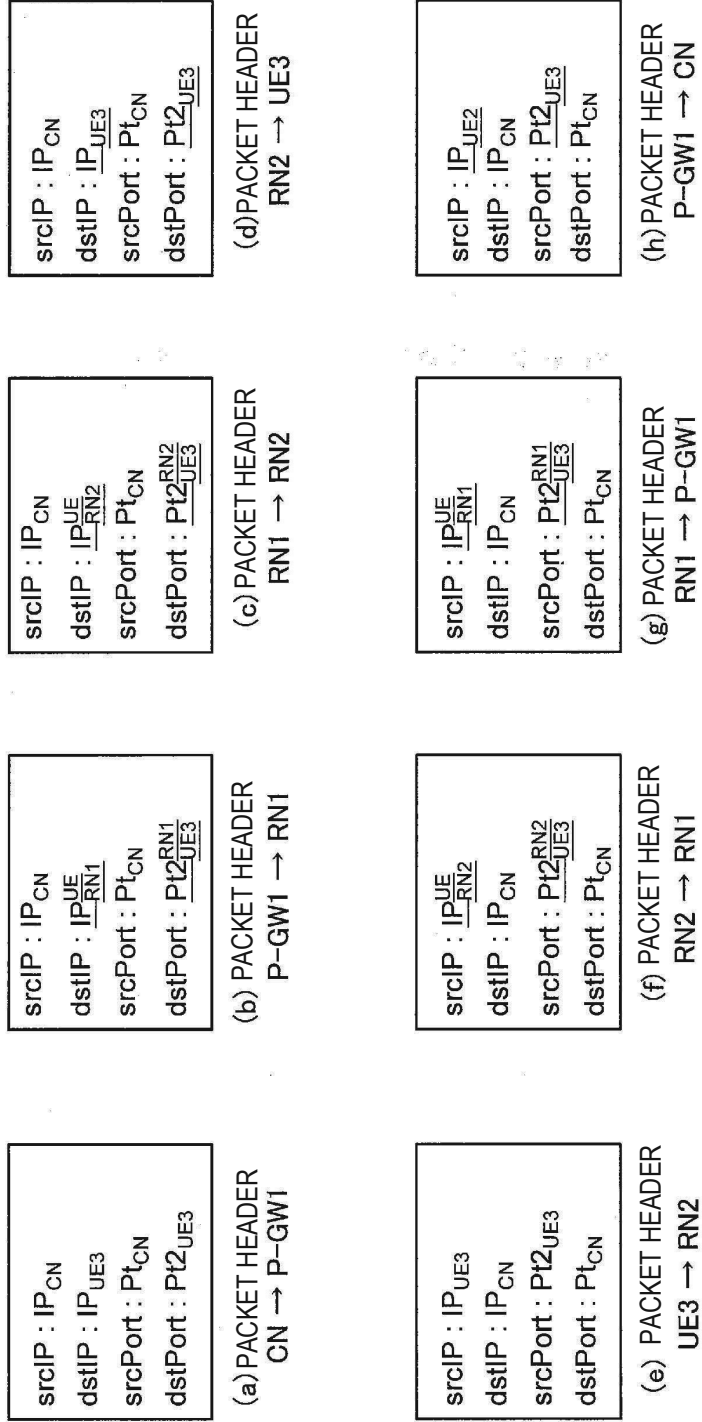


FIG. 18

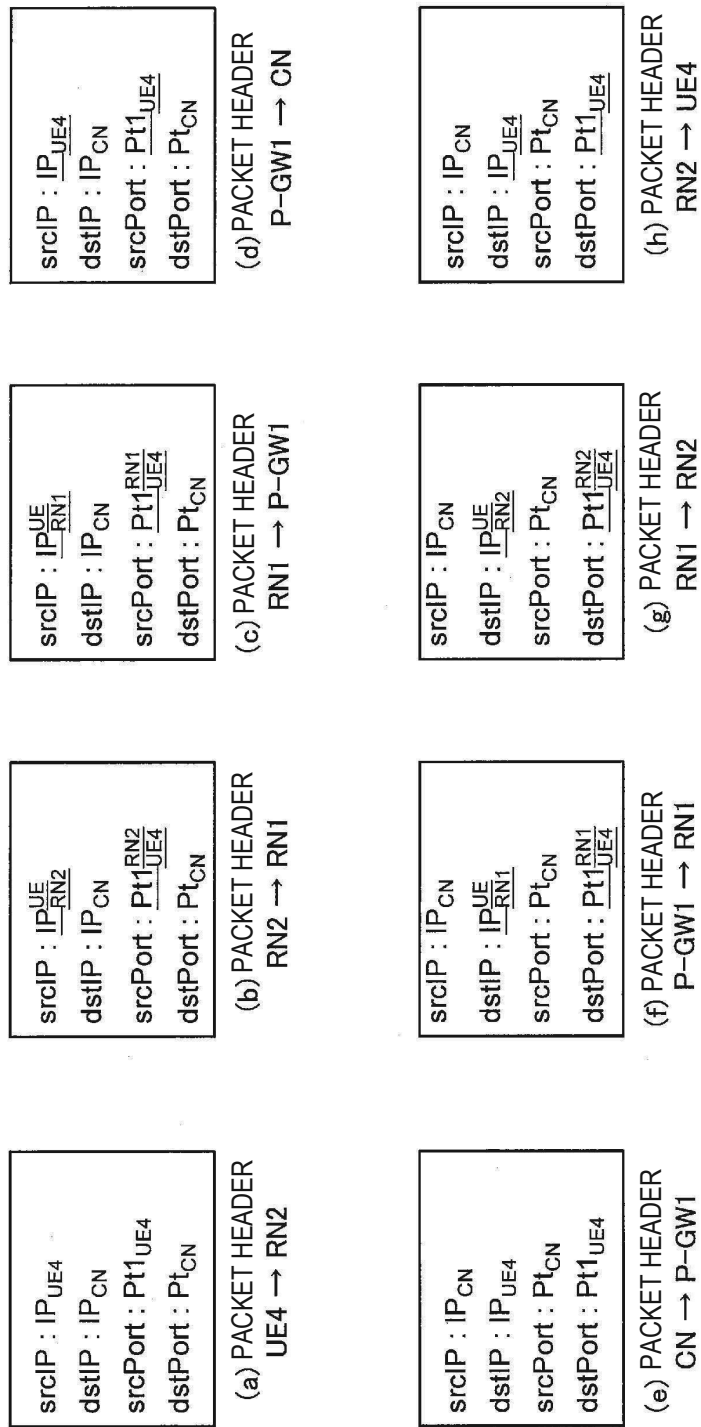


FIG. 19

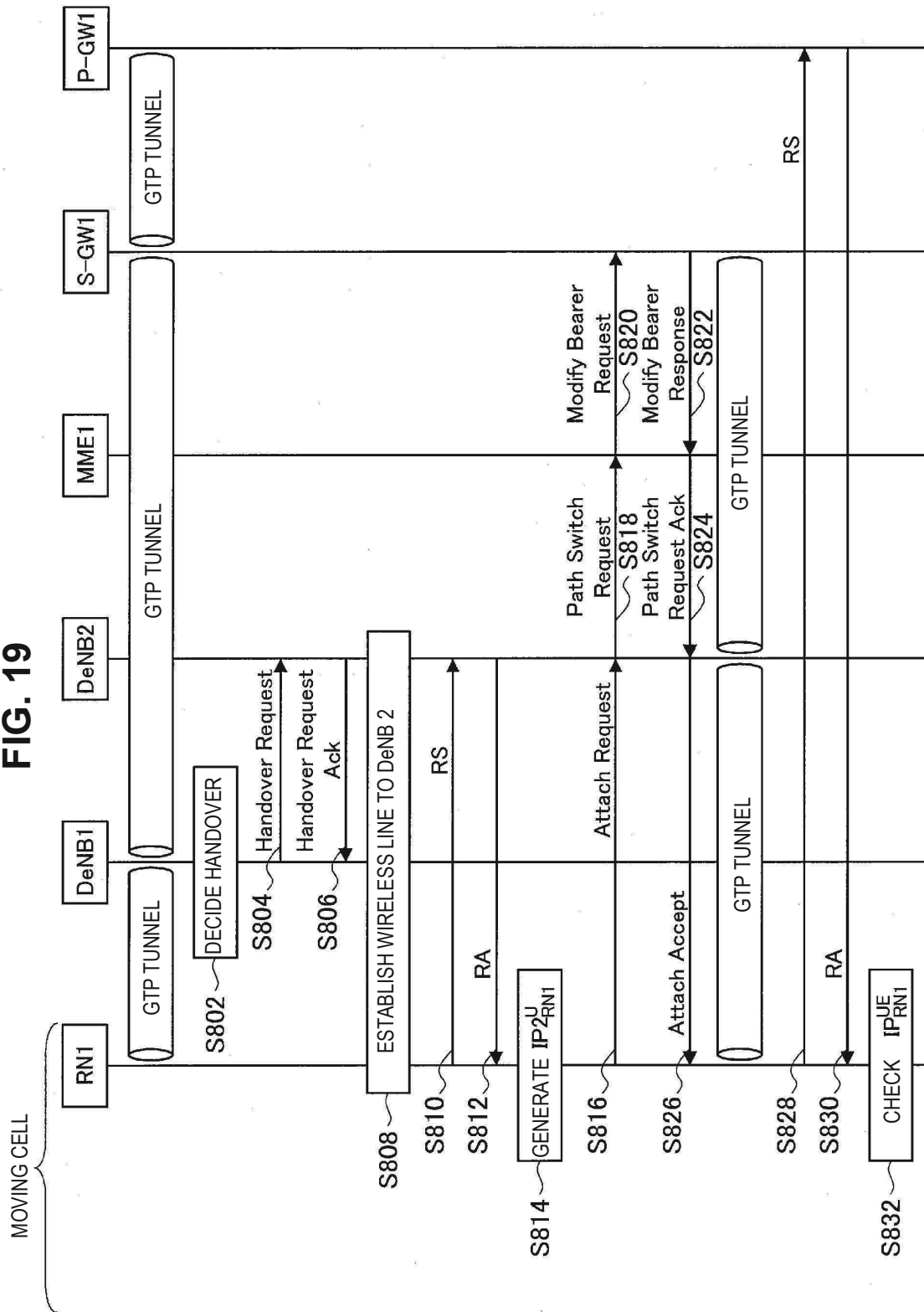


FIG. 20

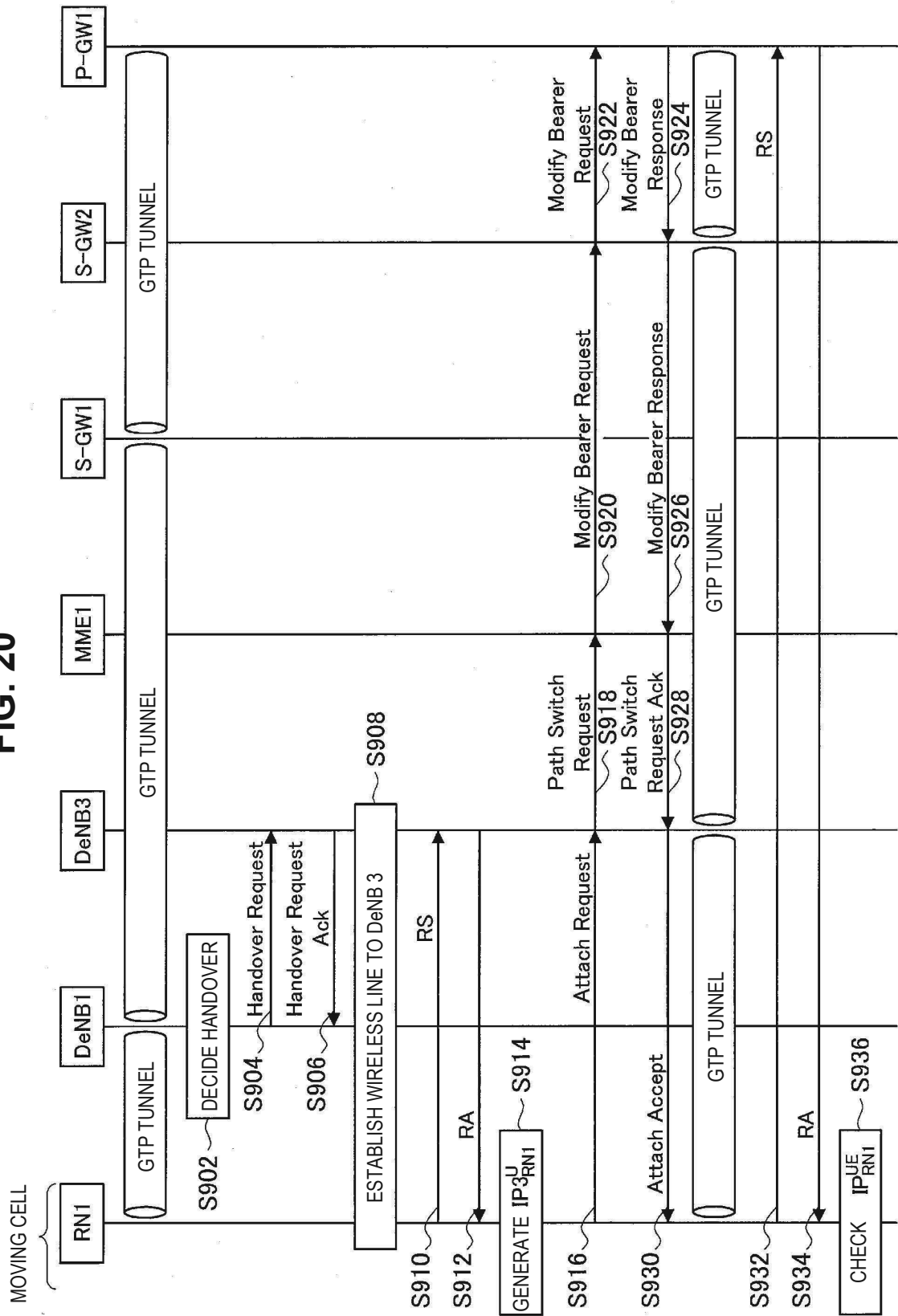


FIG. 21

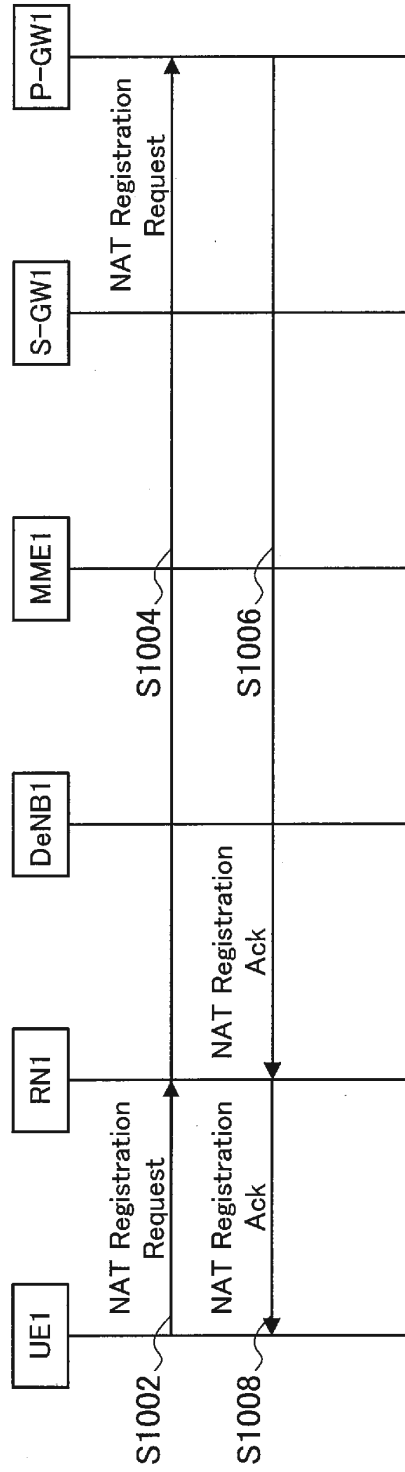


FIG. 22

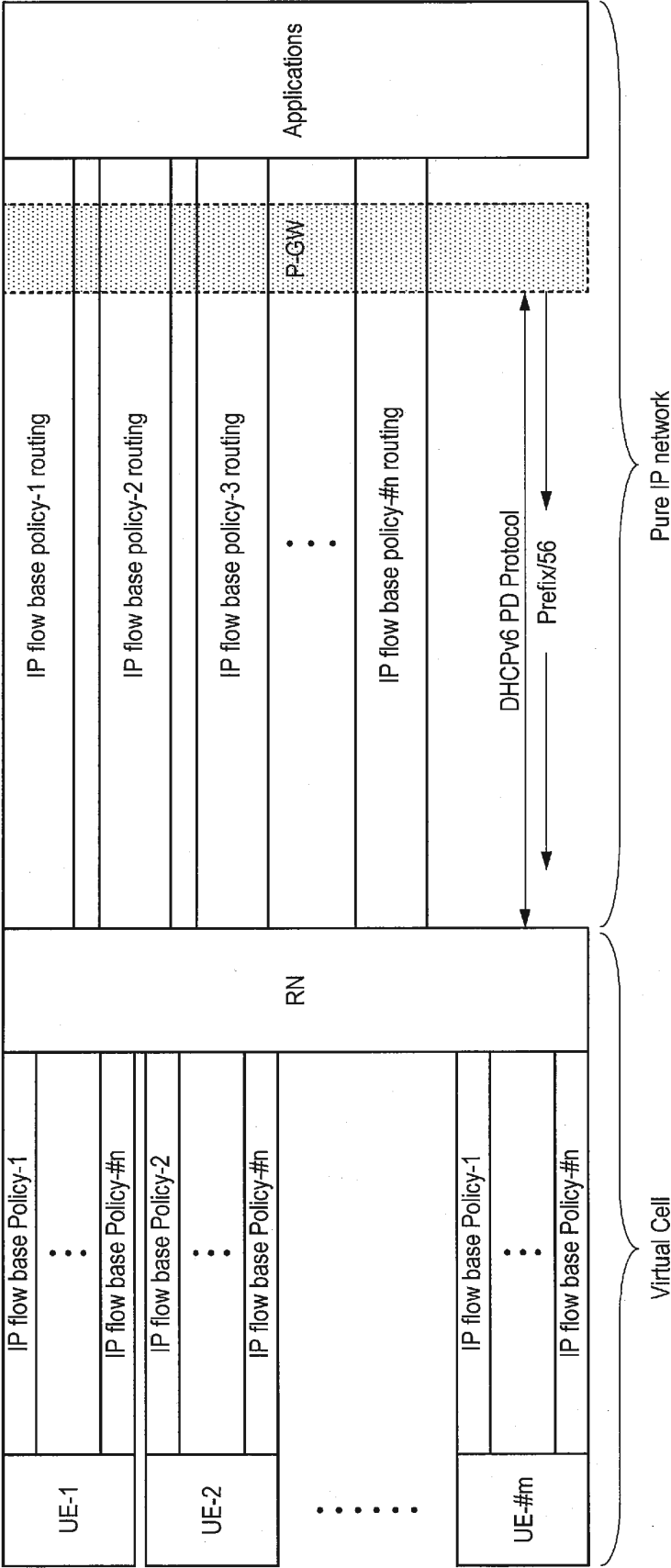
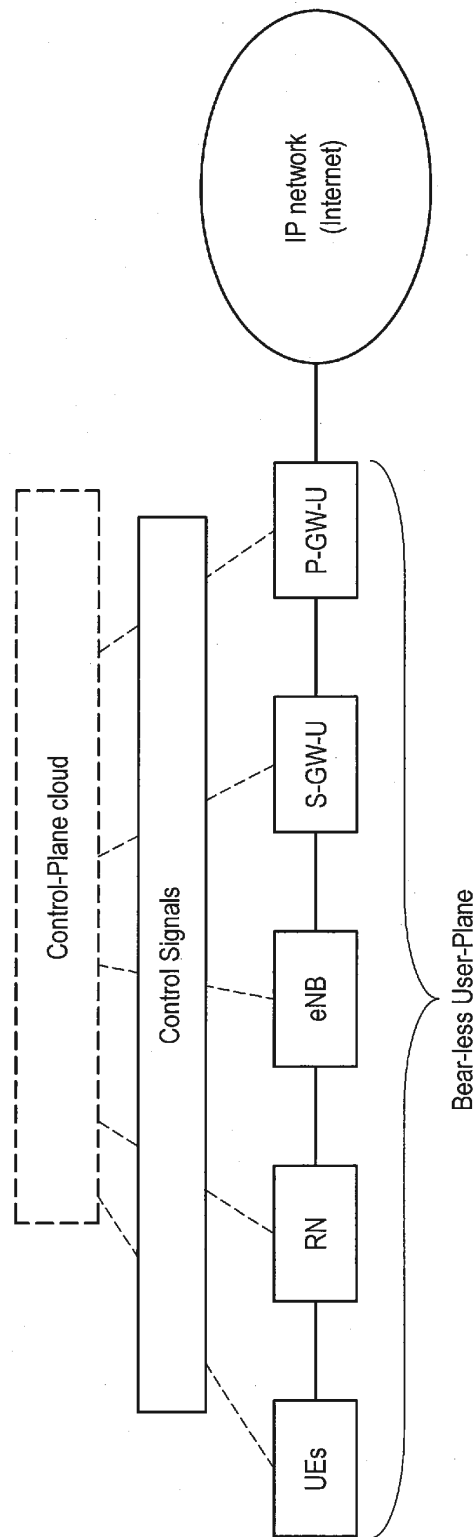


FIG. 23



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FIG. 24

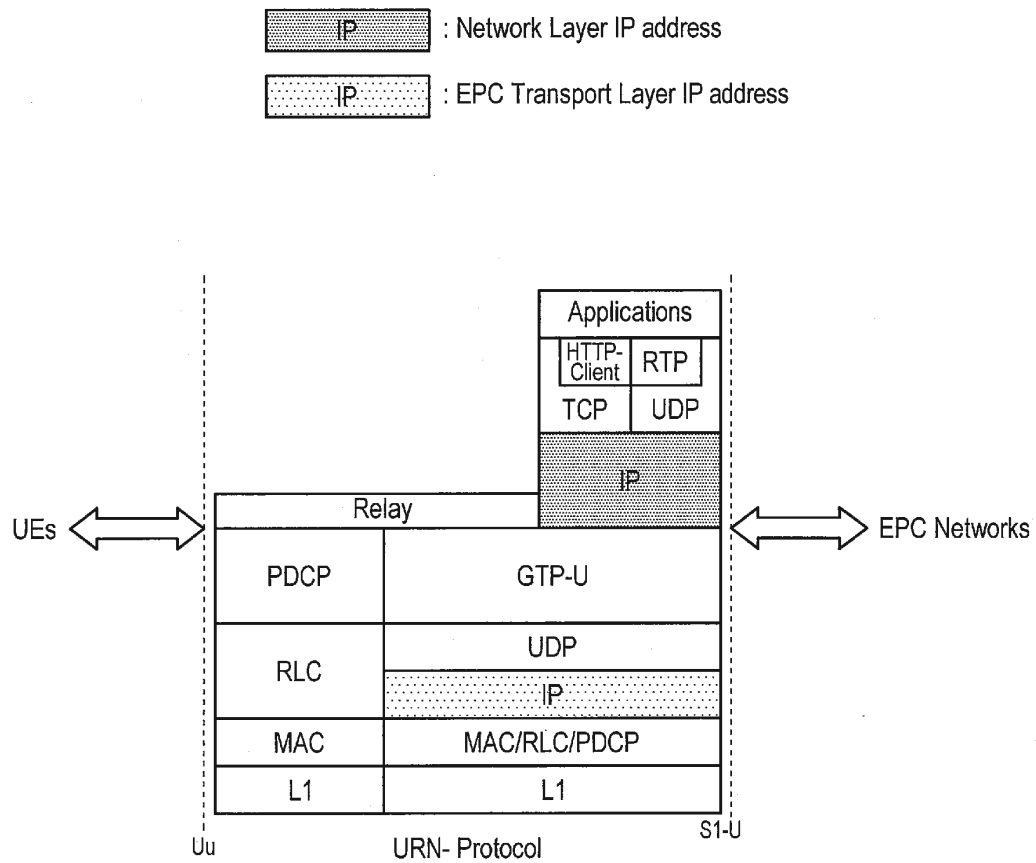
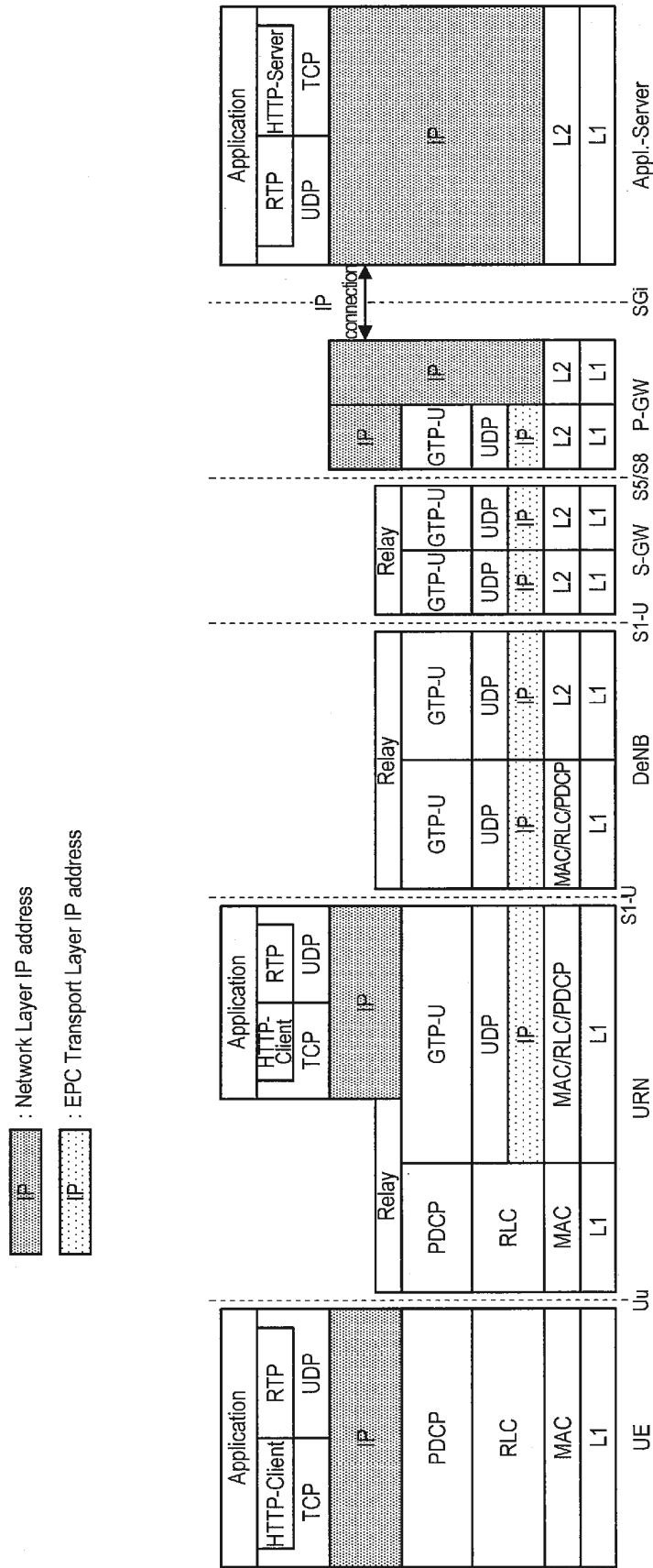
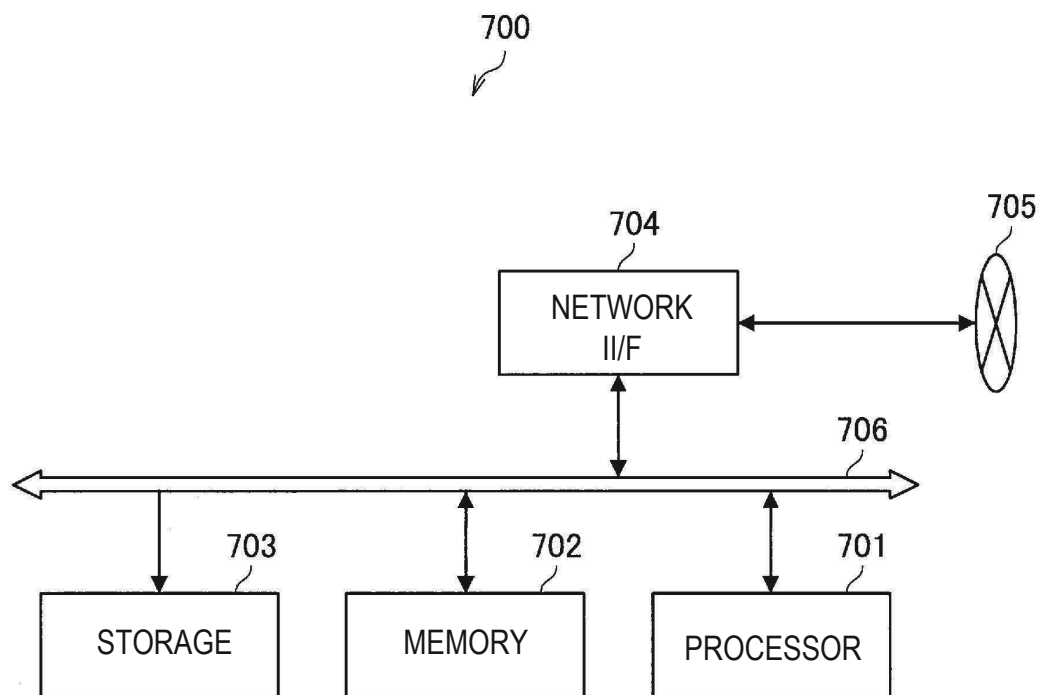


FIG. 25



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FIG. 26



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FIG. 27

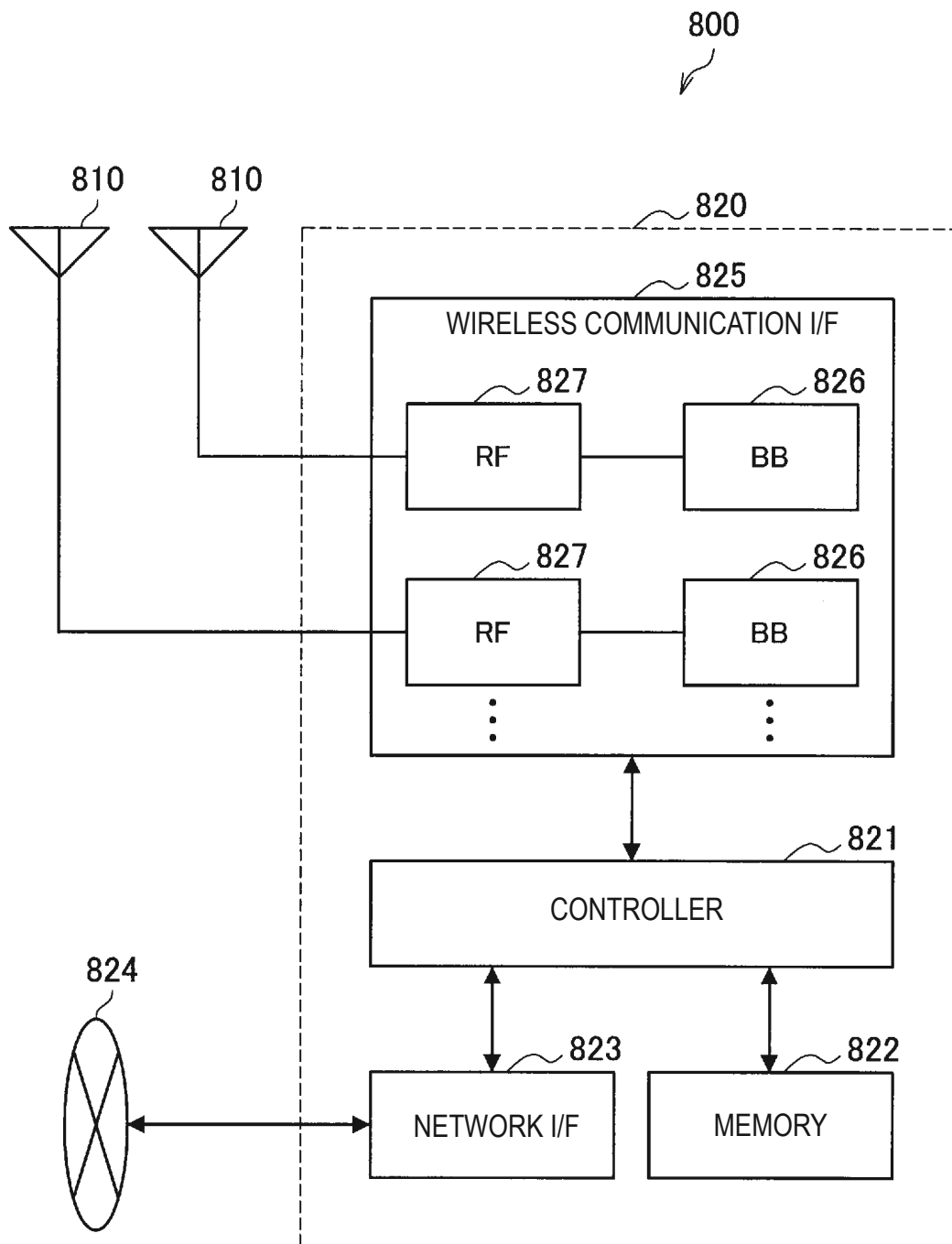


FIG. 28

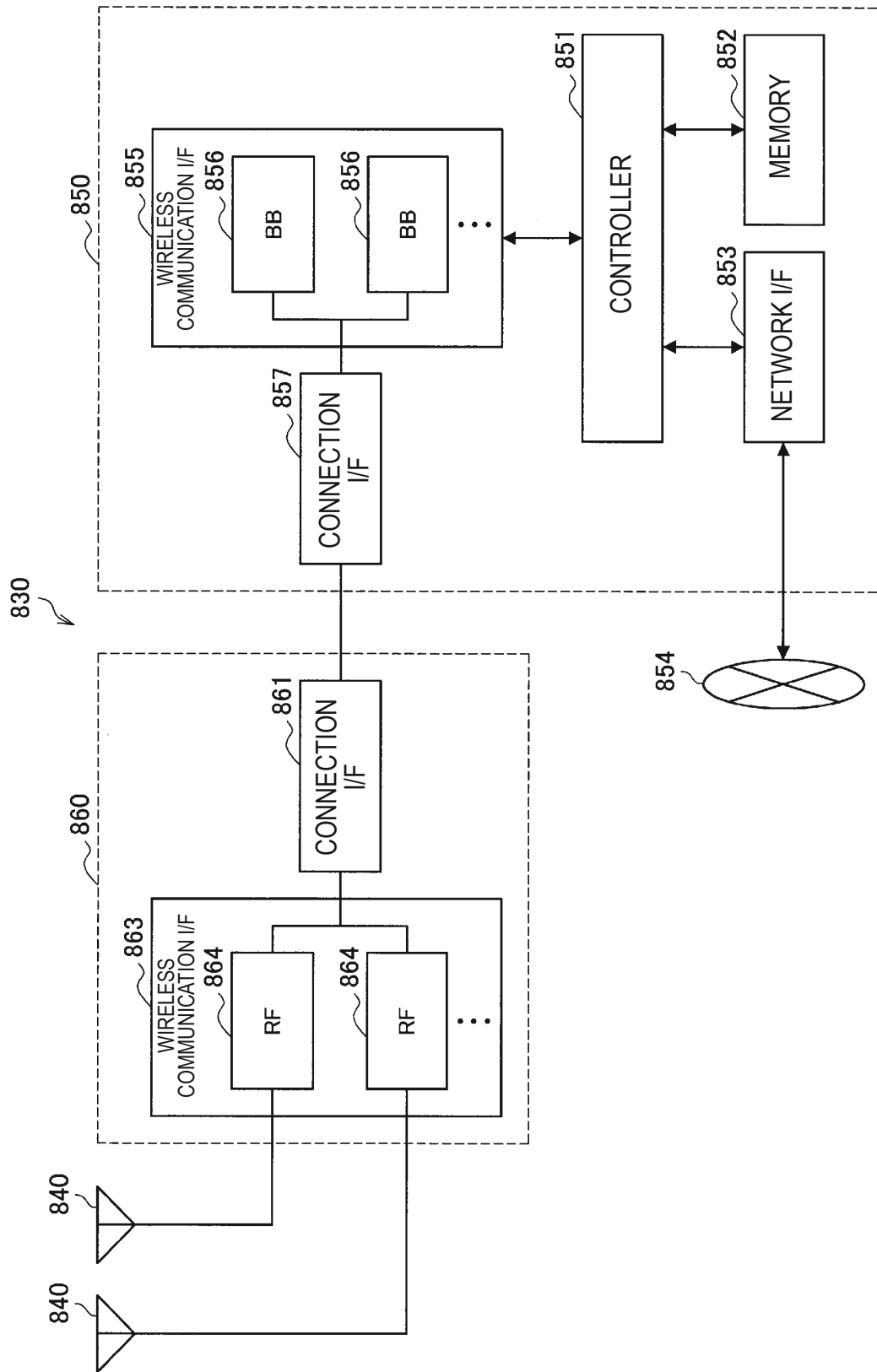


FIG. 29

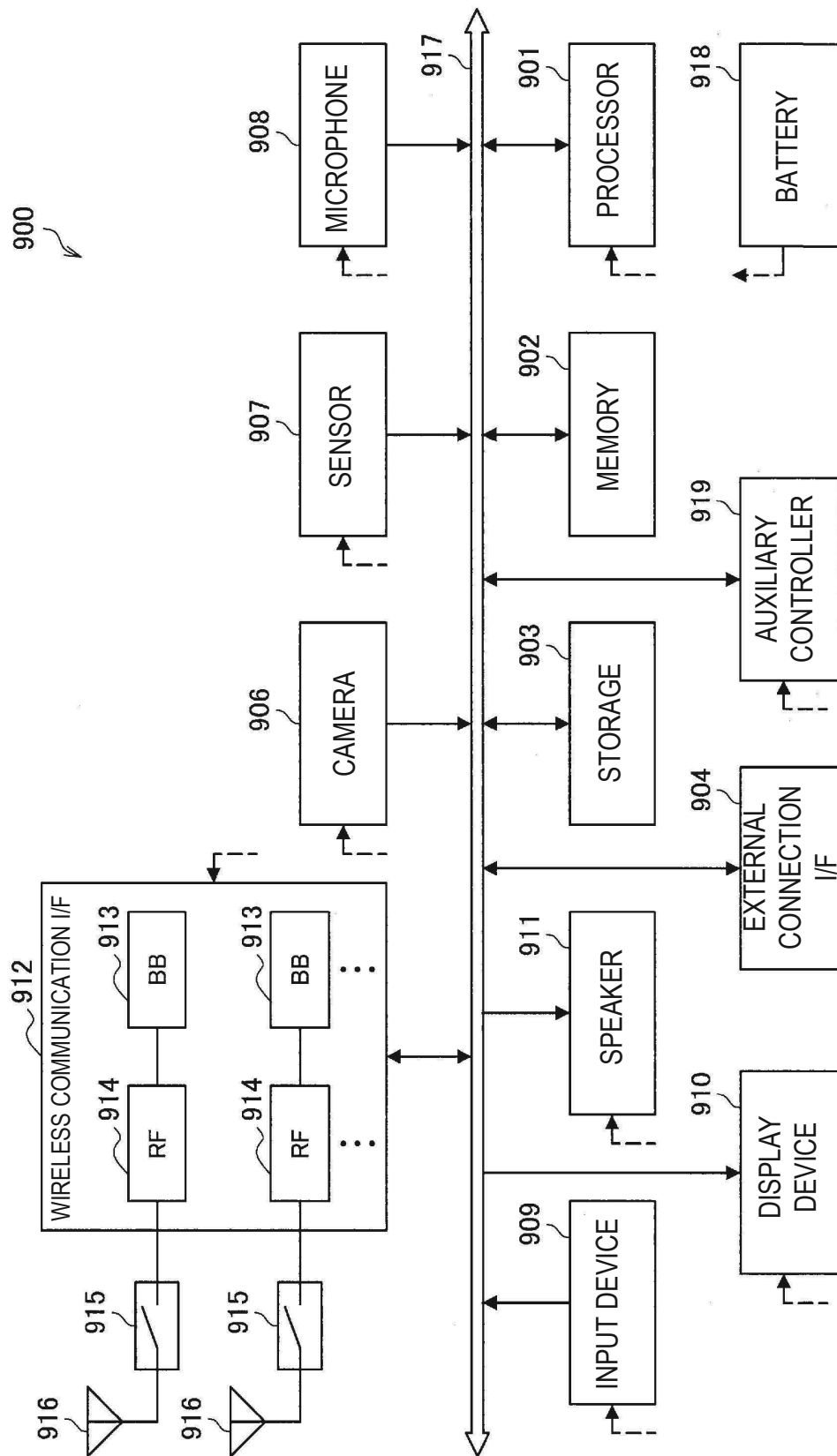


FIG. 30

