

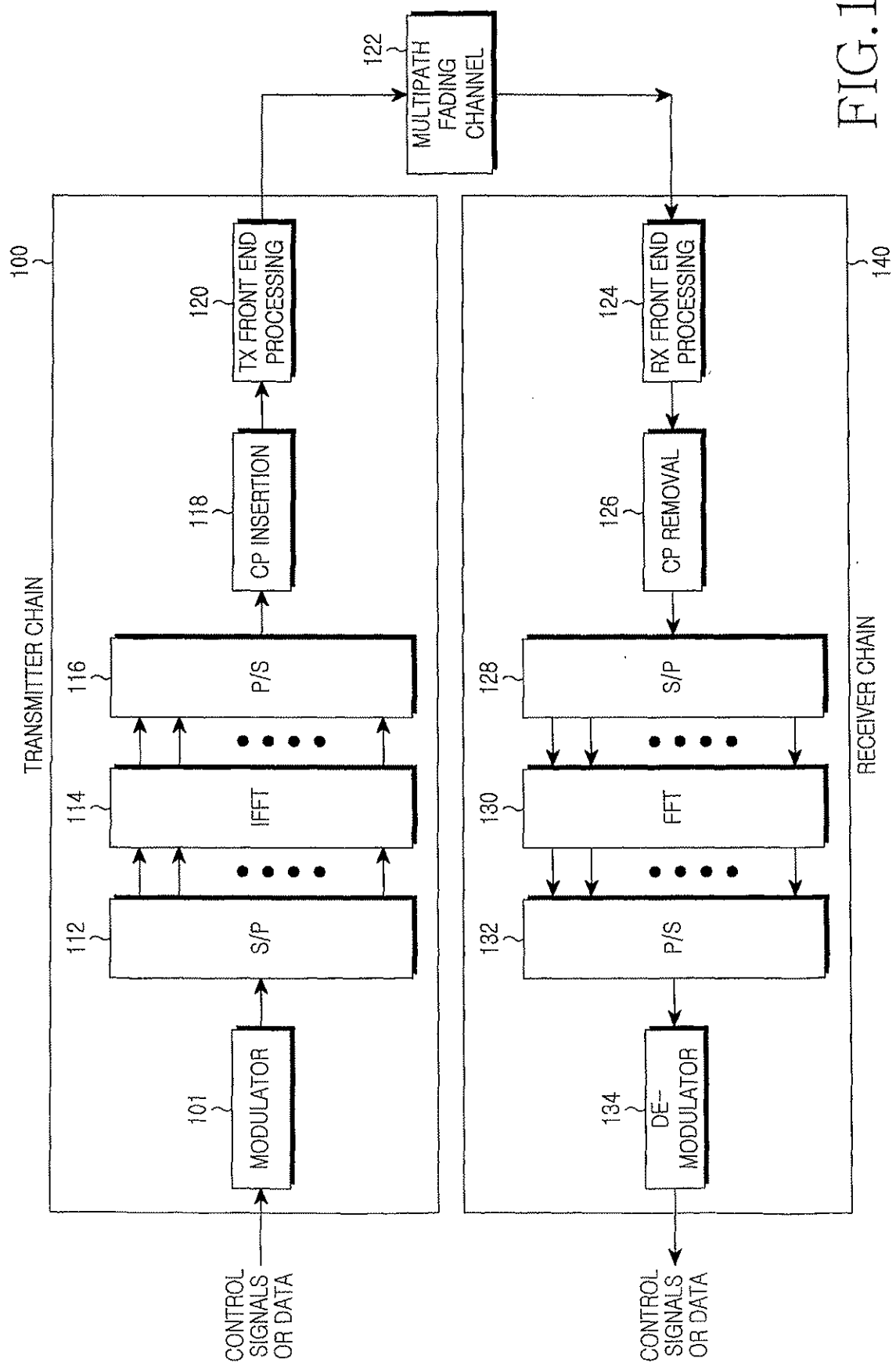


FIG.1

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ORTHOGONAL FREQUENCY DIVISION MULTIPLEXING

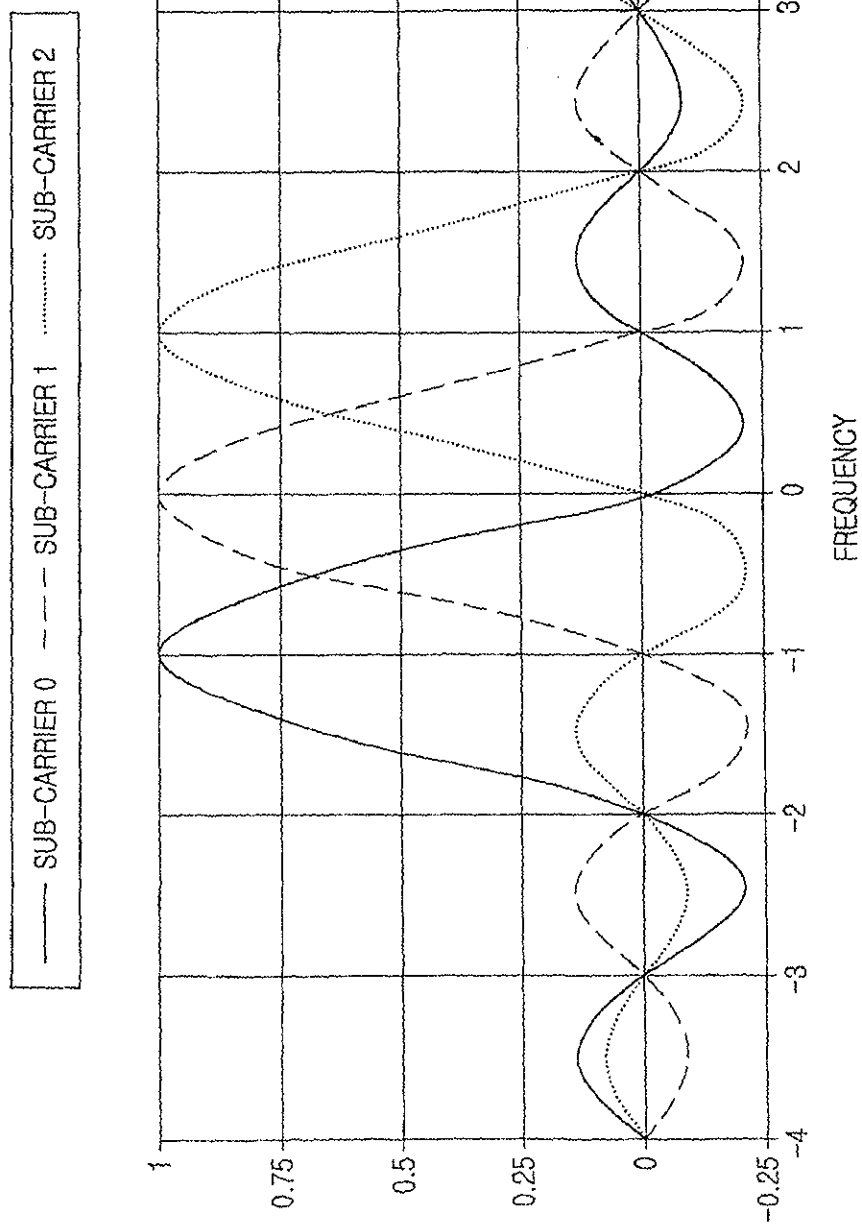


FIG.2

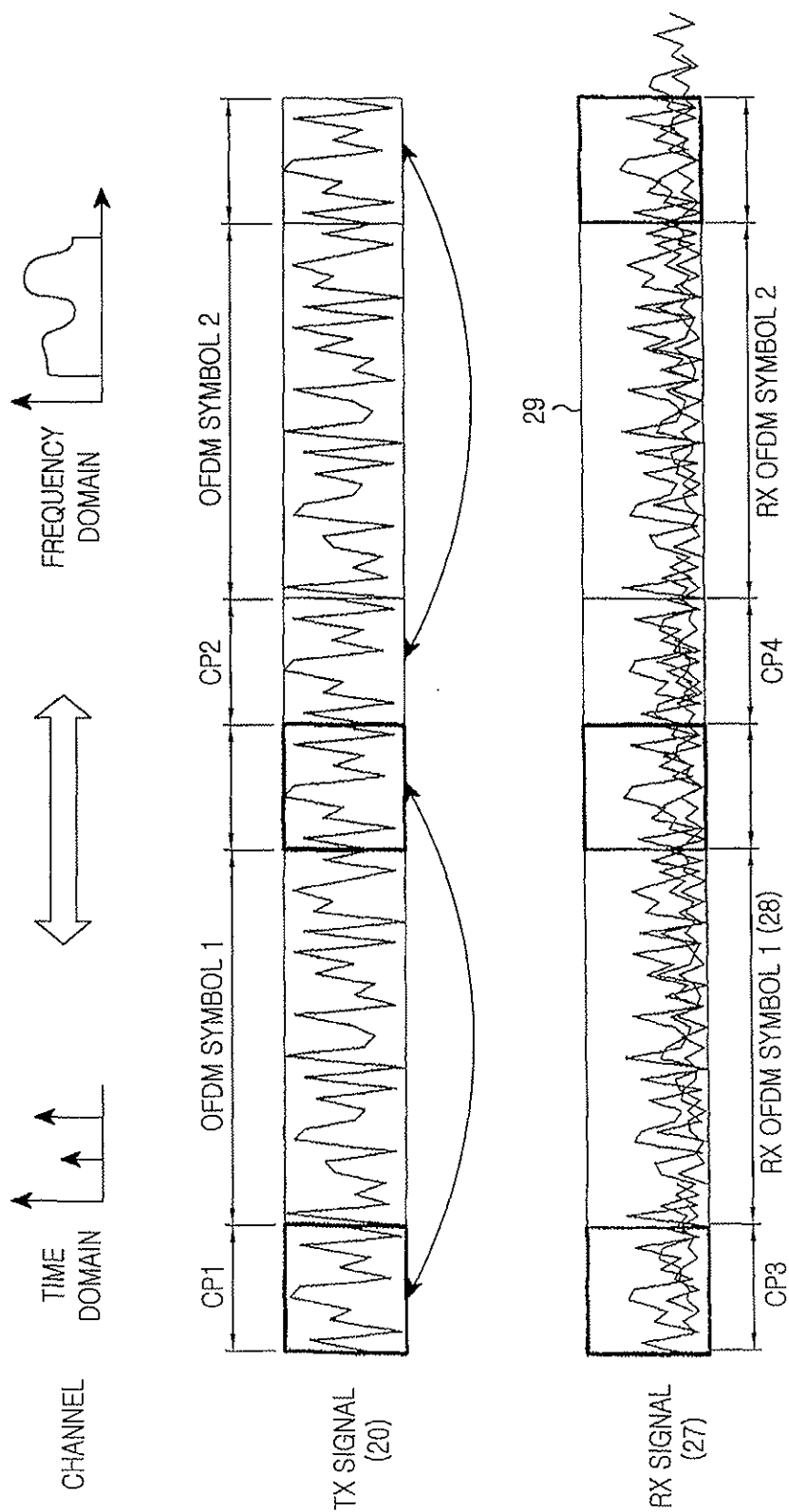


FIG.3

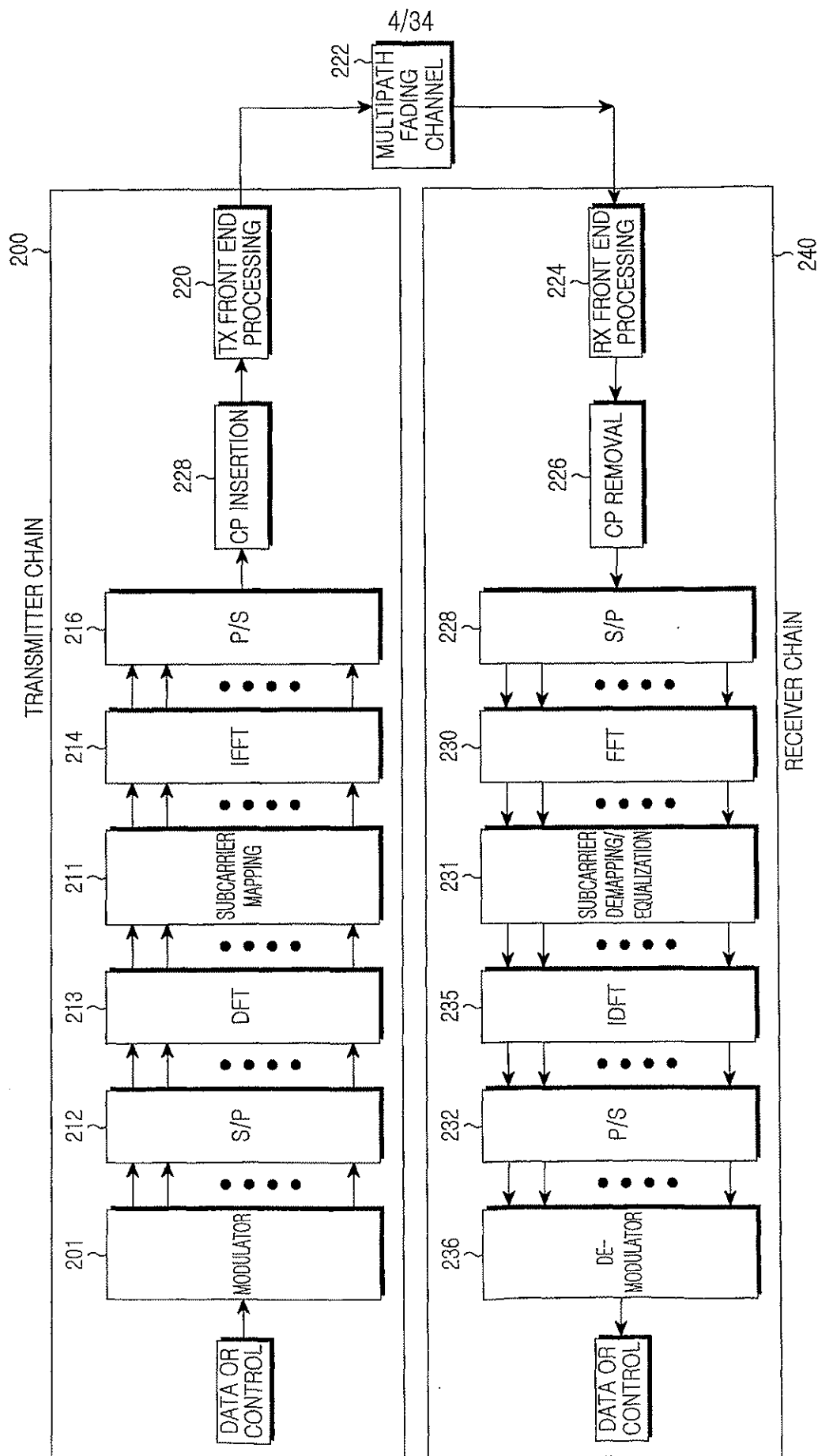


FIG.4

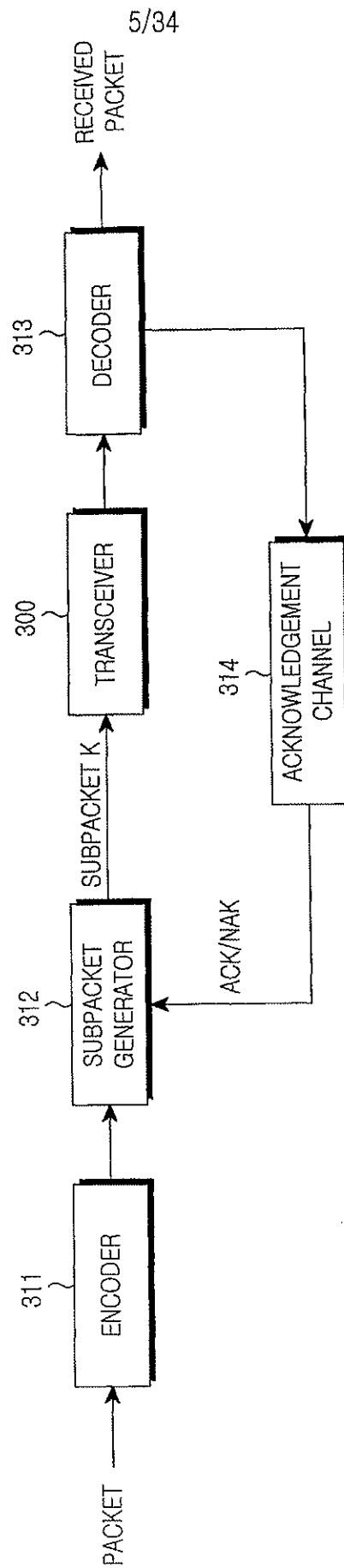


FIG.5

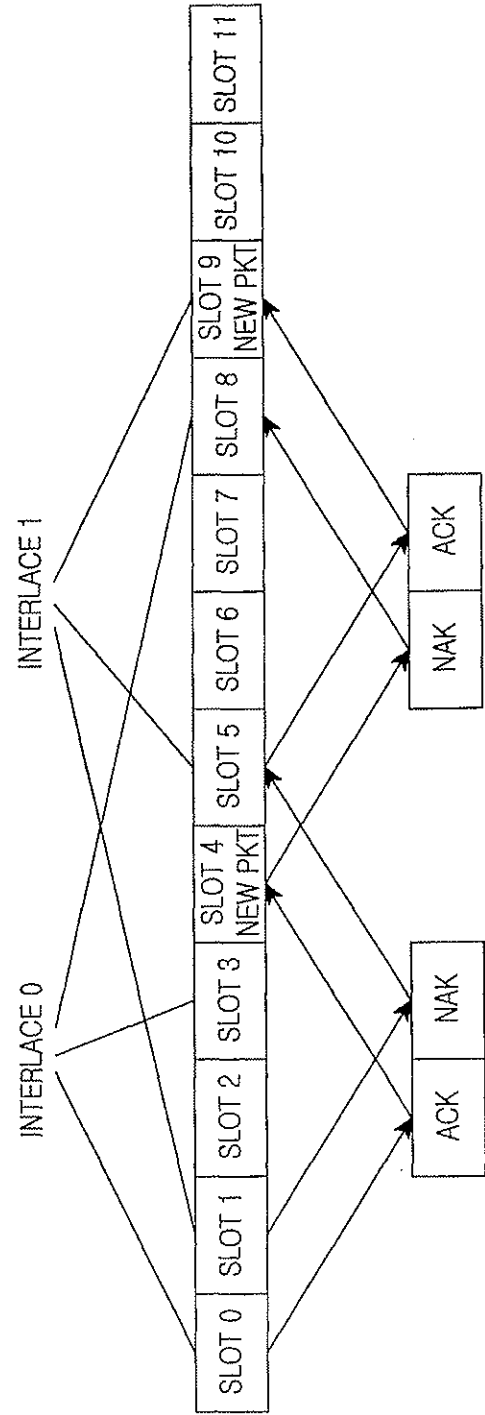


FIG.6

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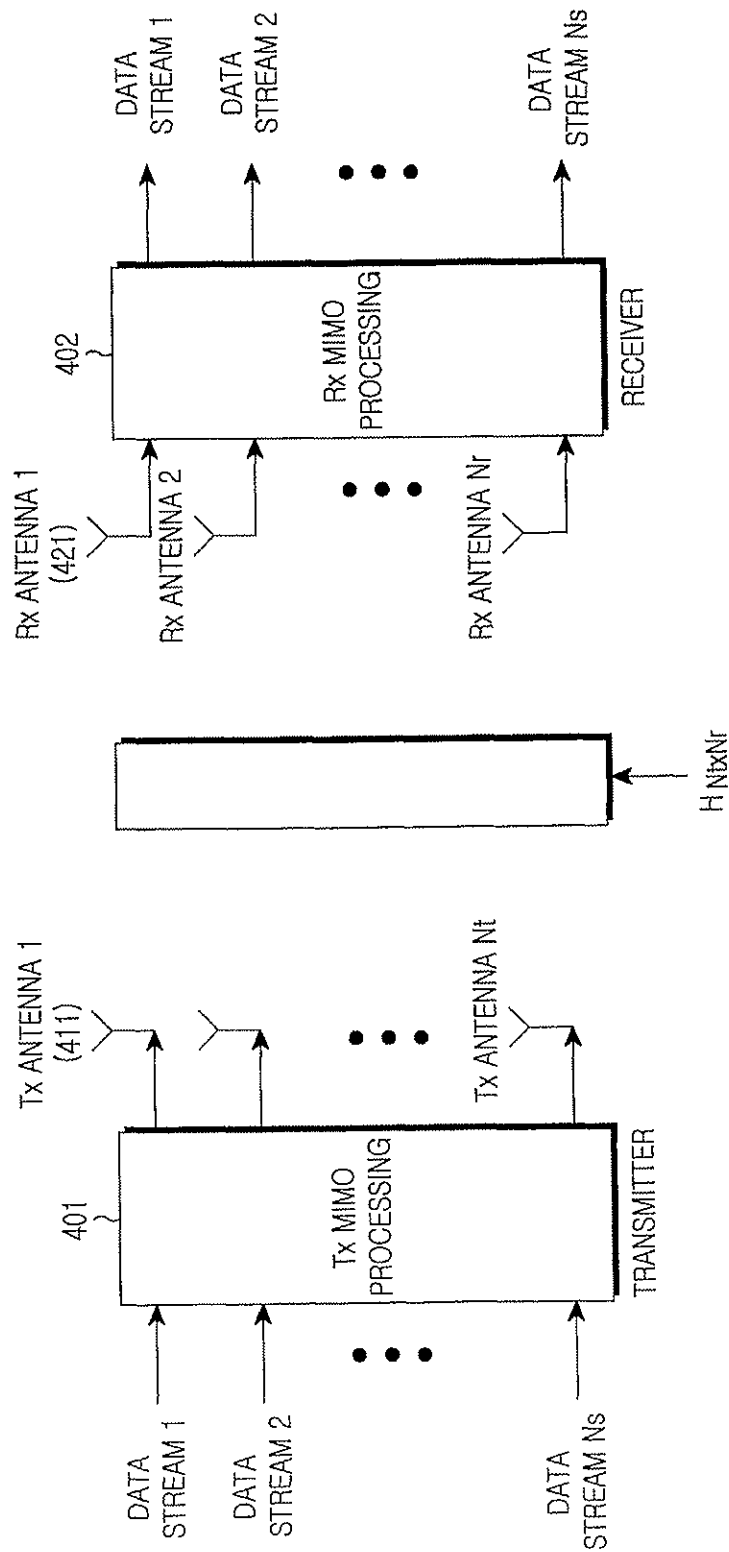


FIG.7

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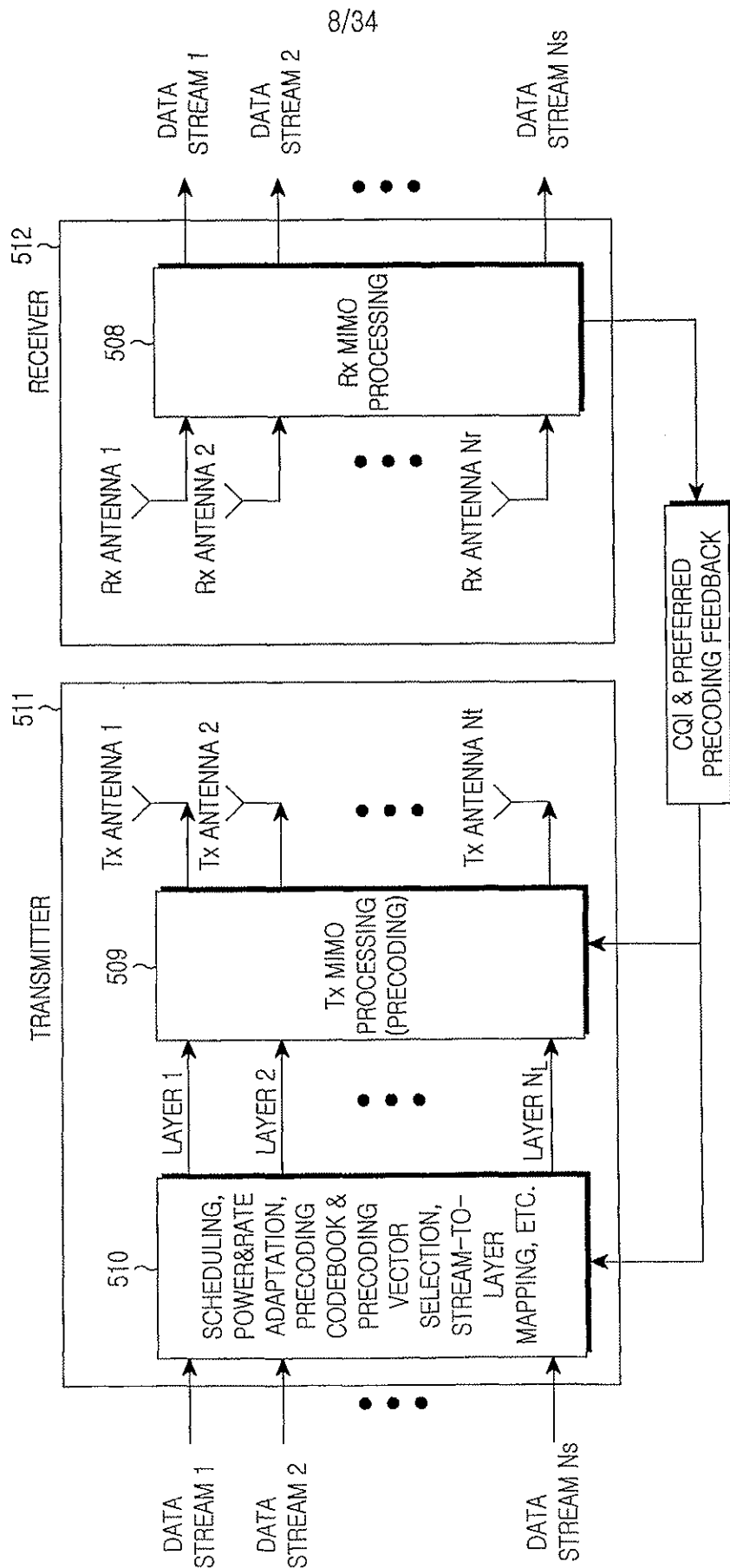


FIG.8

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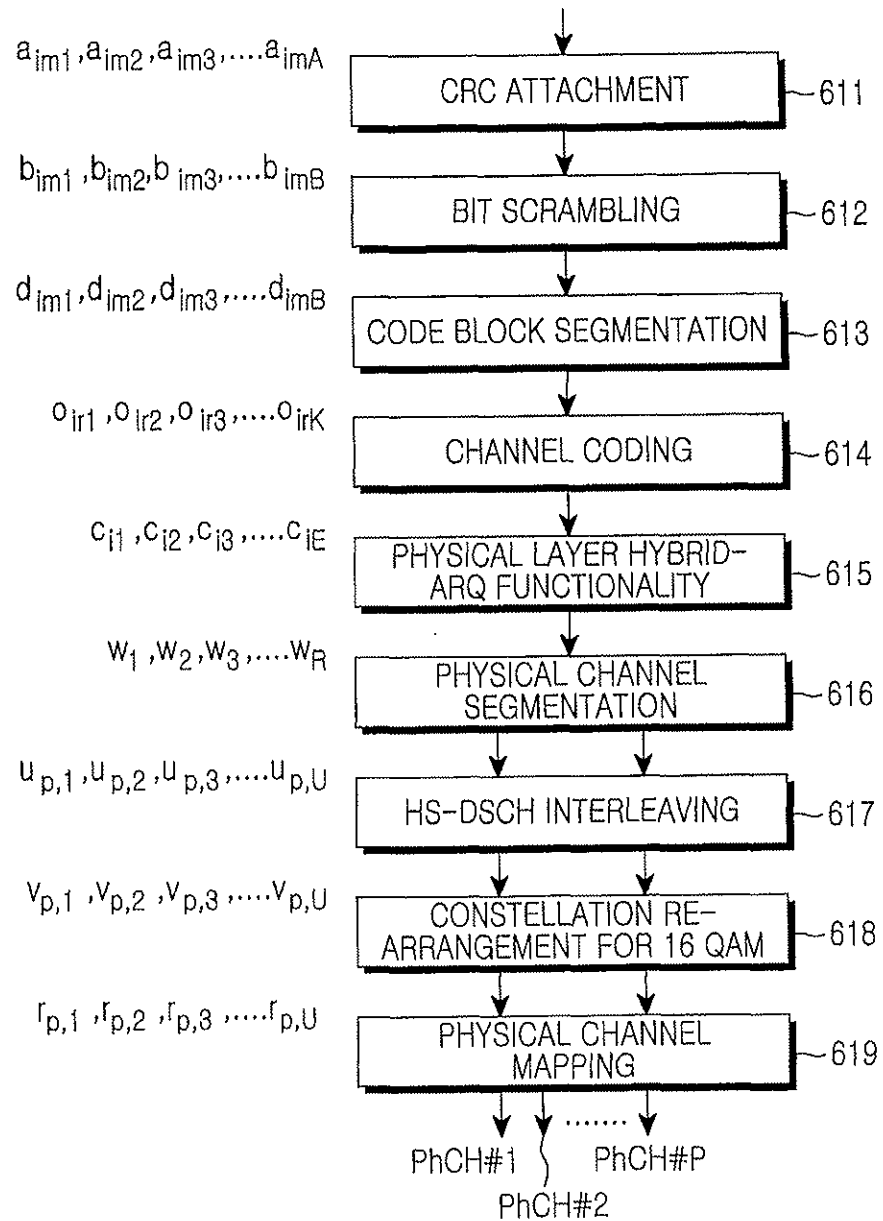


FIG.9

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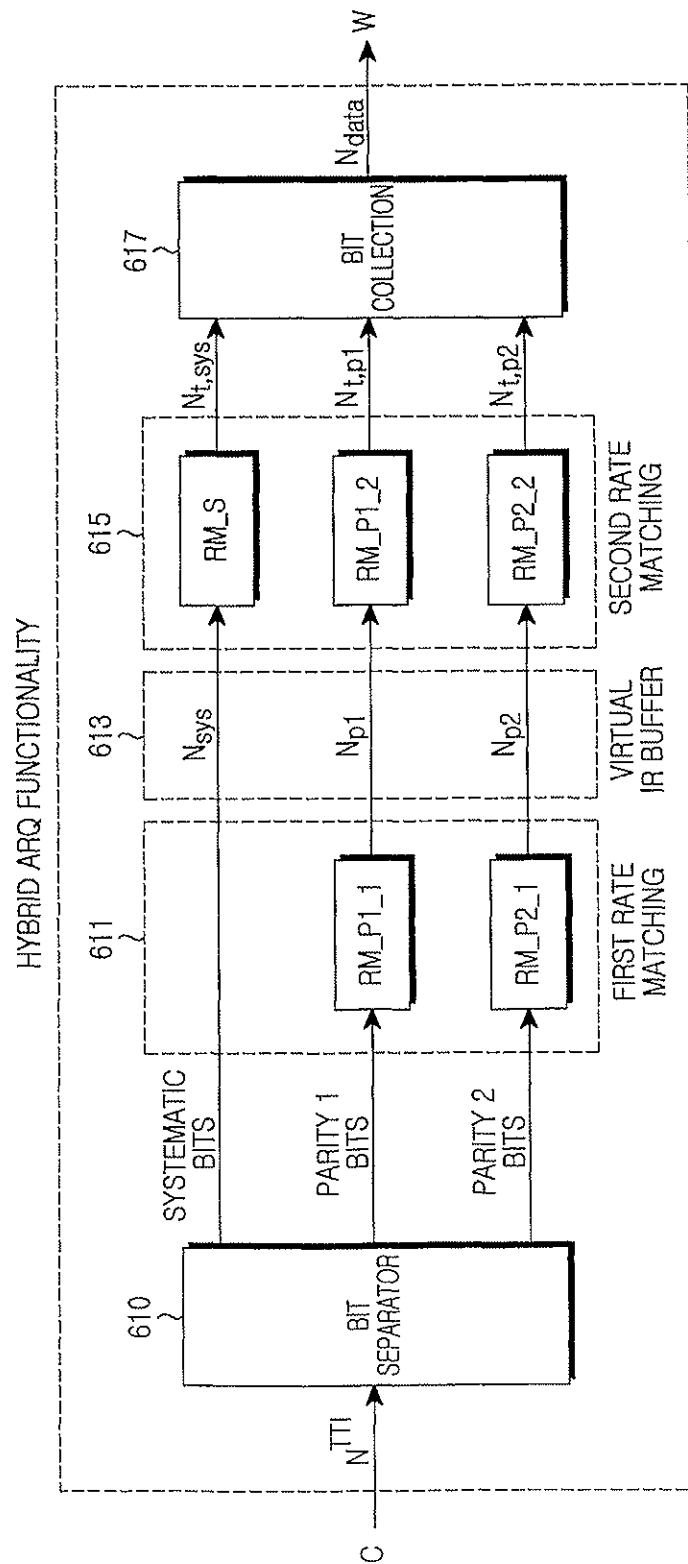


FIG.10

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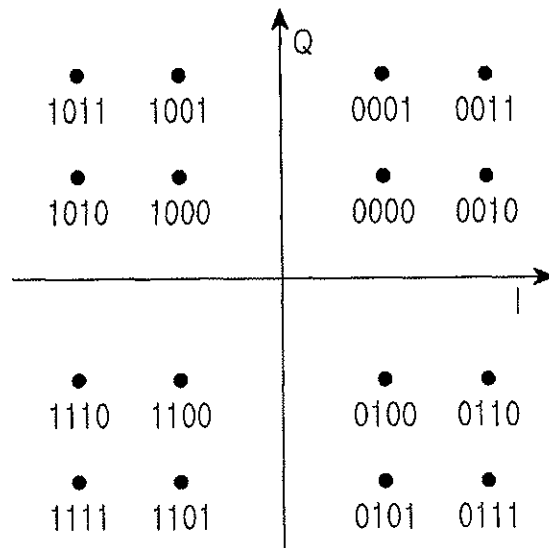


FIG.11

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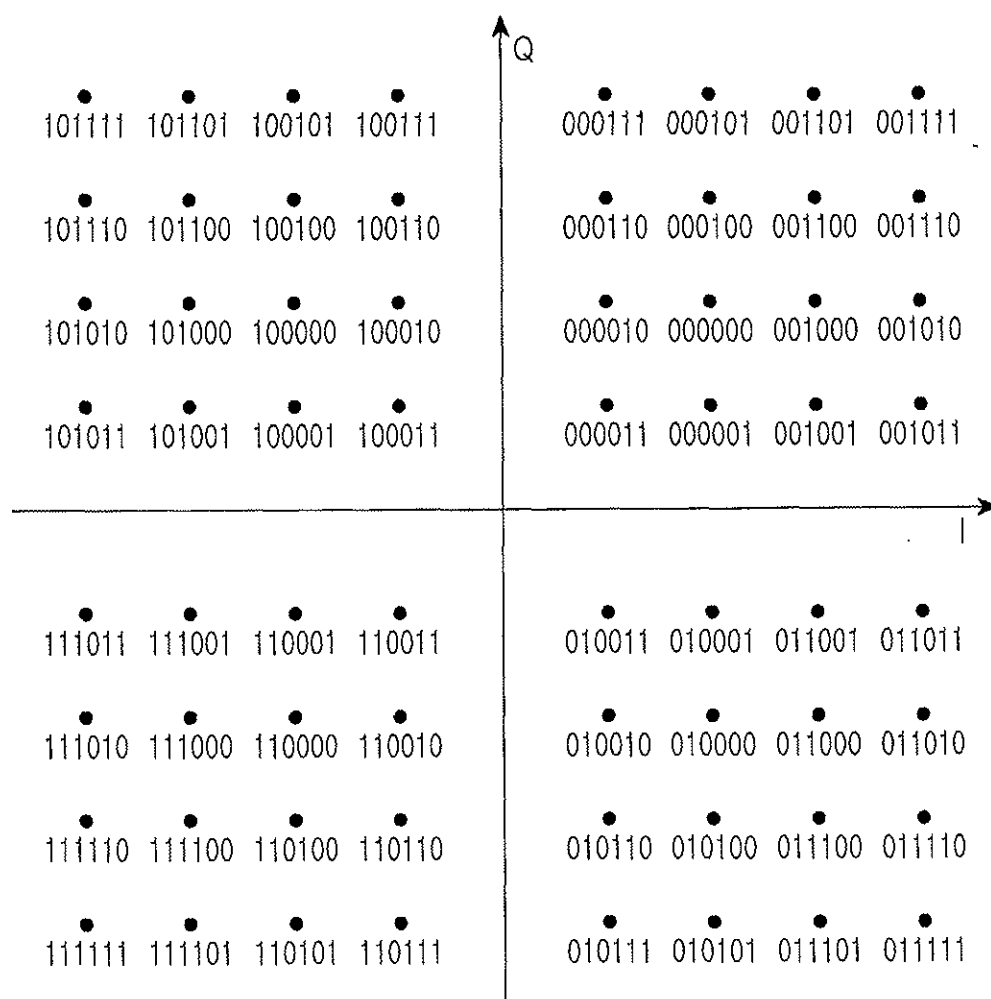


FIG.12

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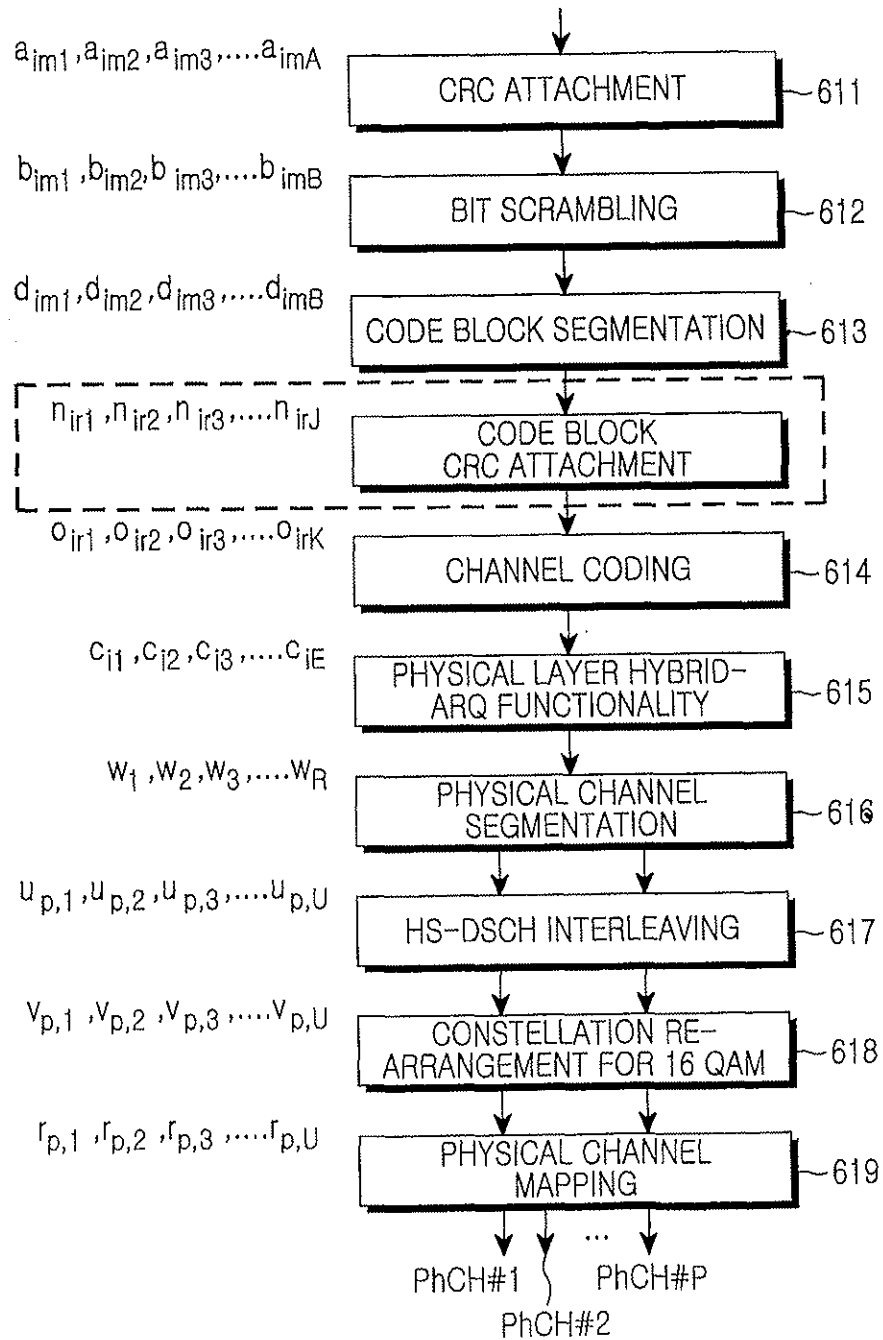


FIG. 13

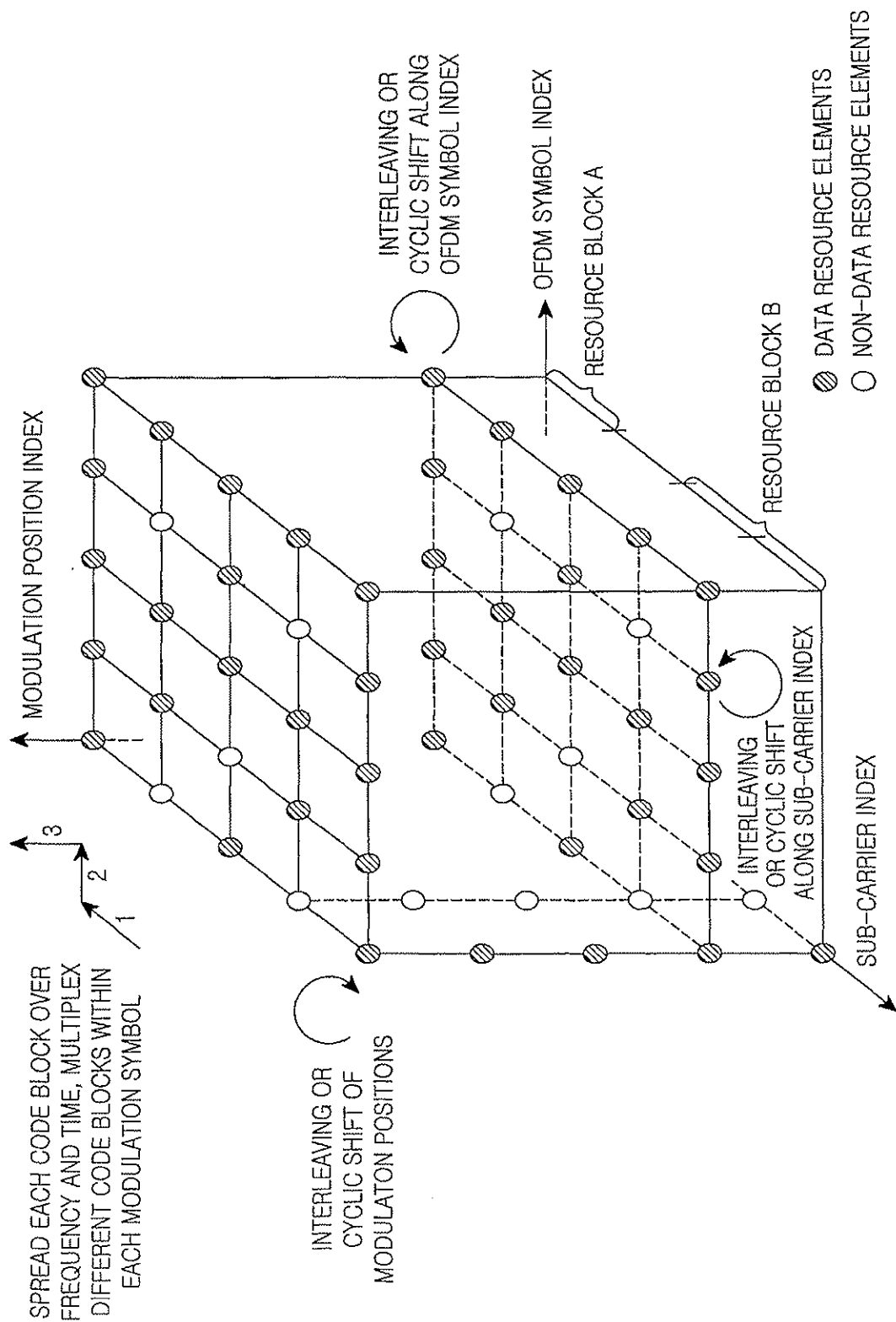


FIG.14

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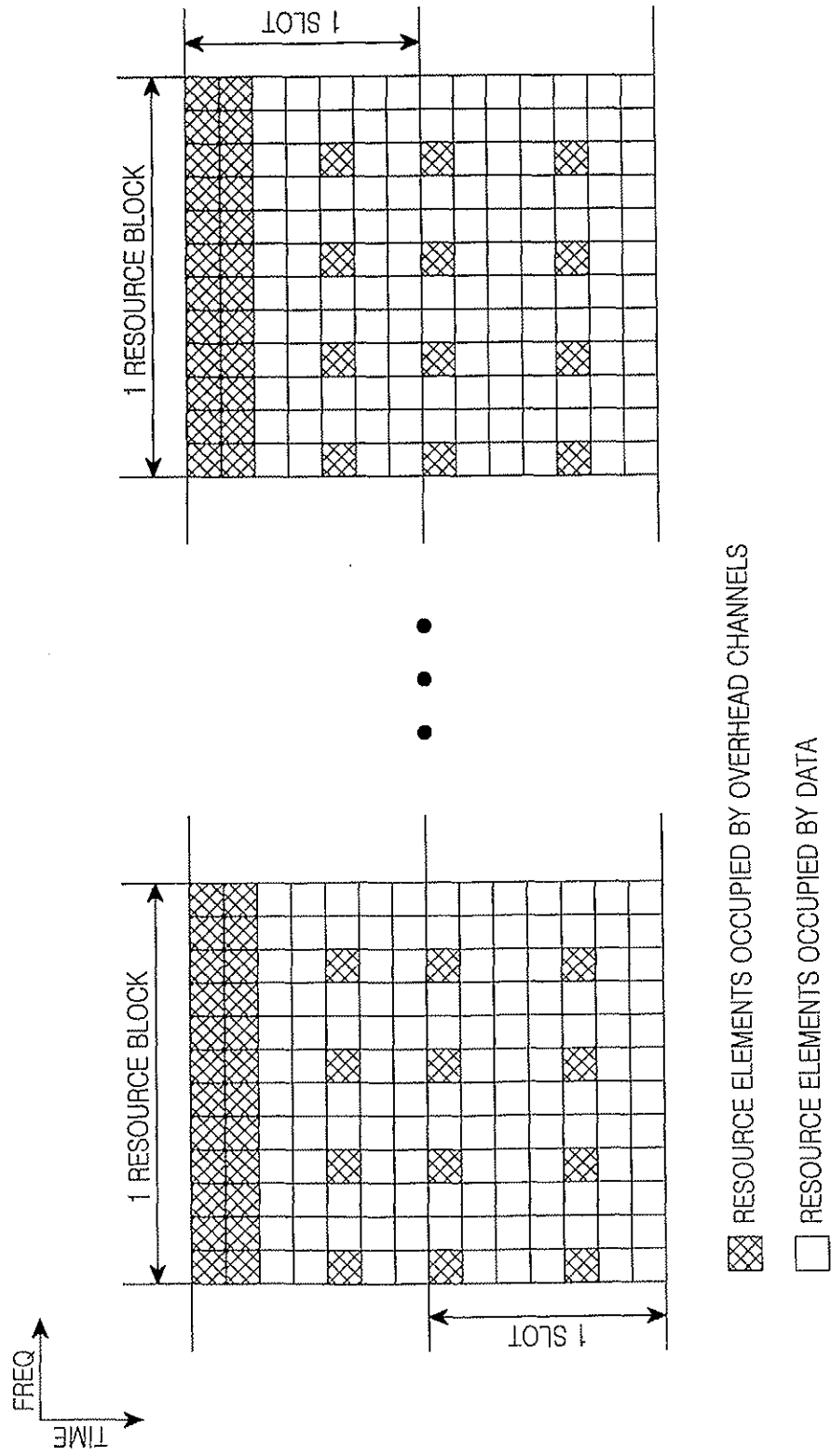


FIG.15

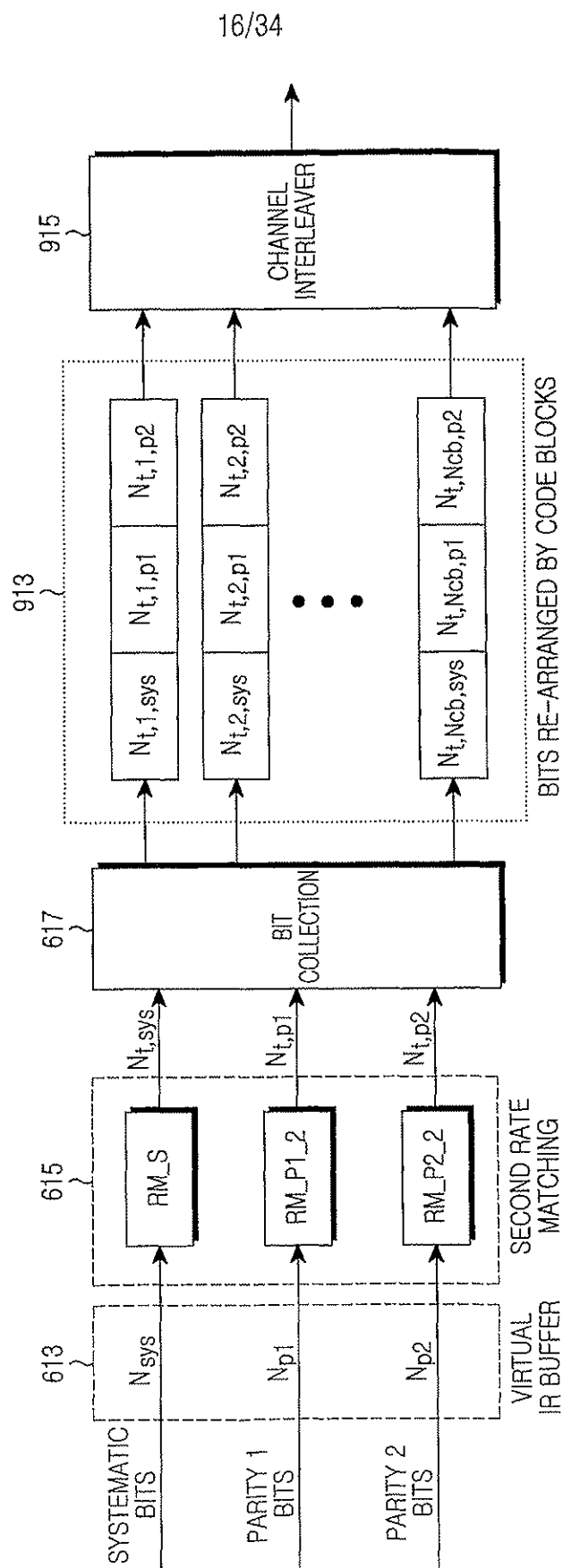
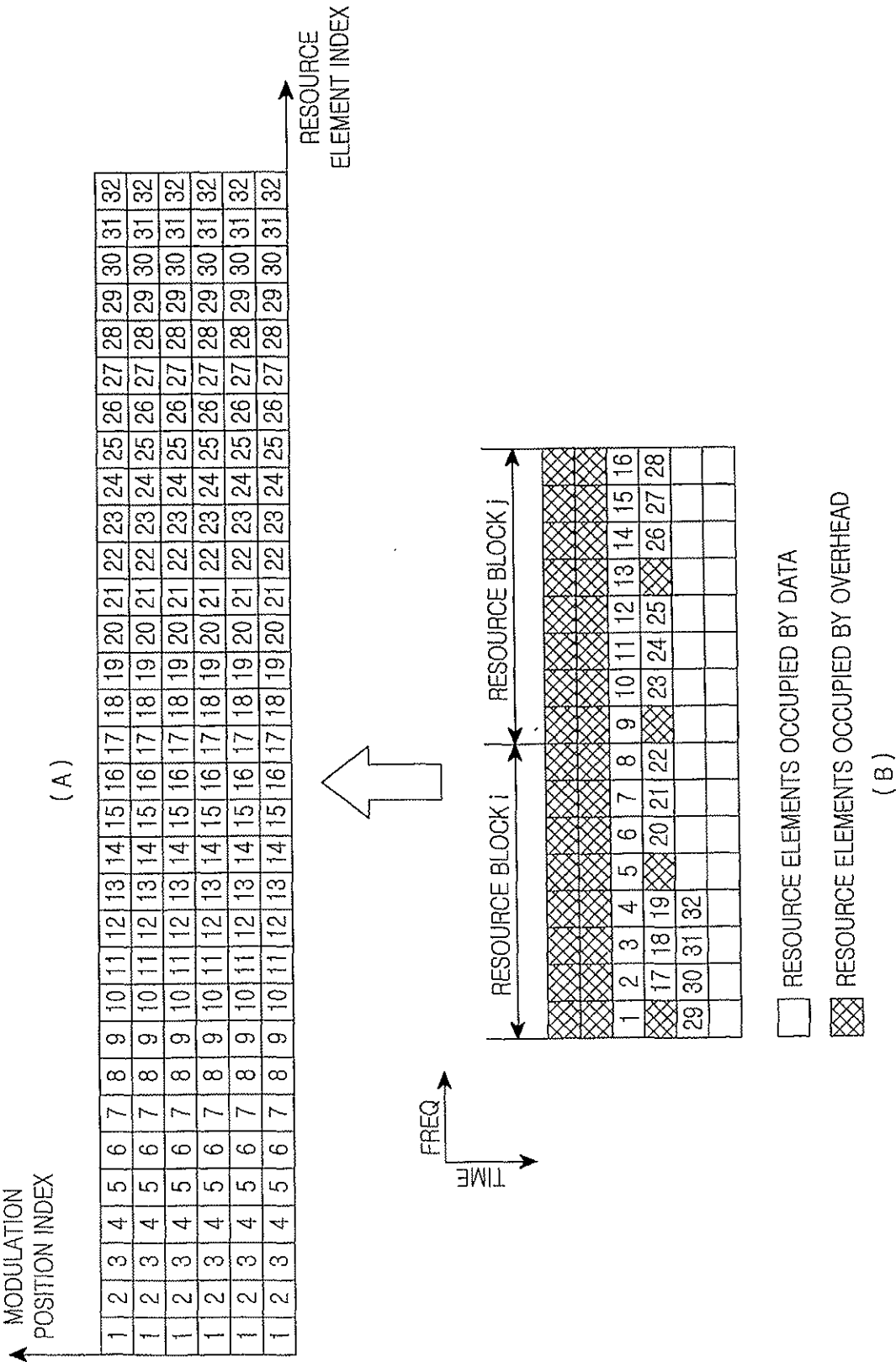


FIG. 16



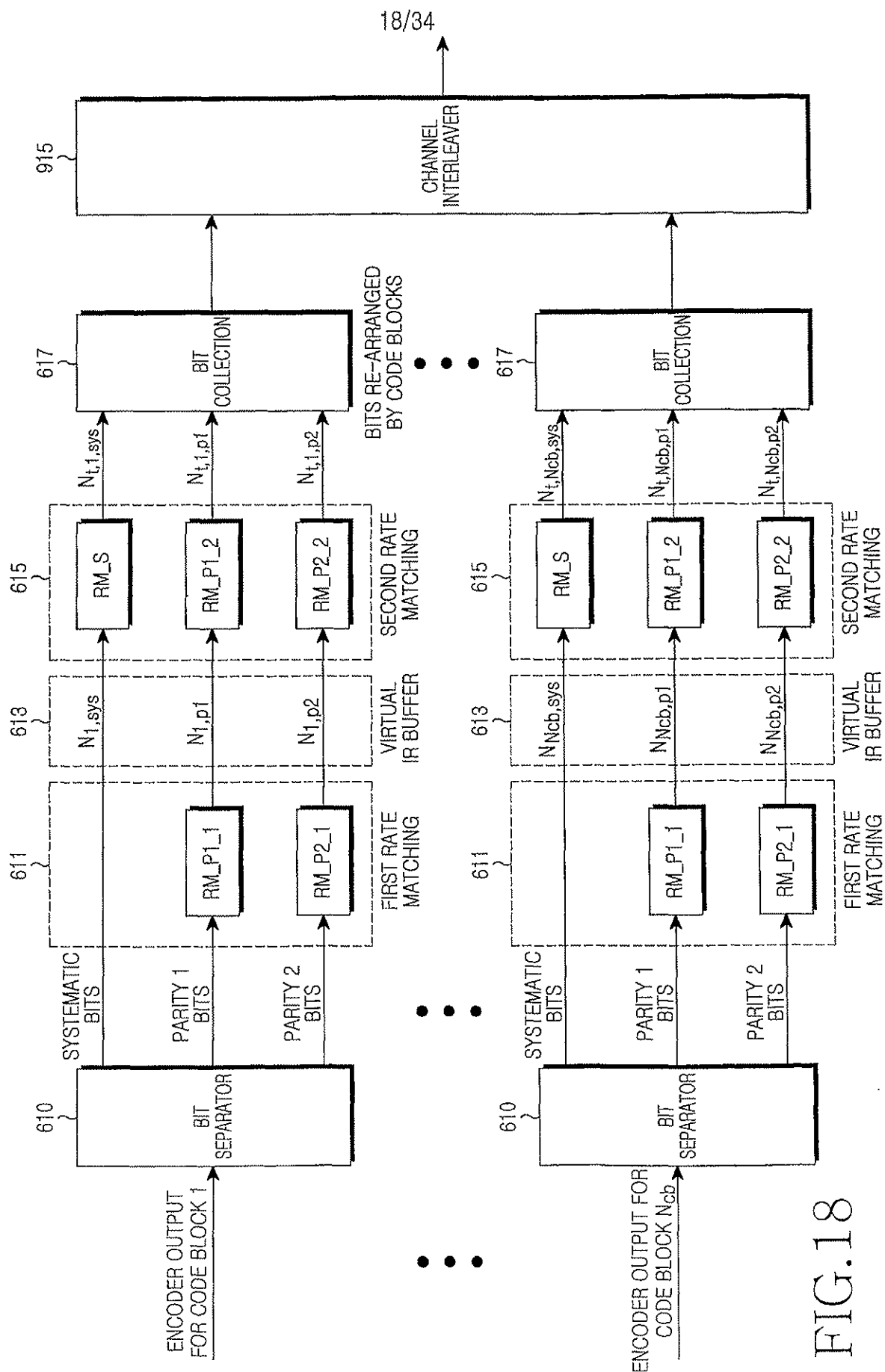
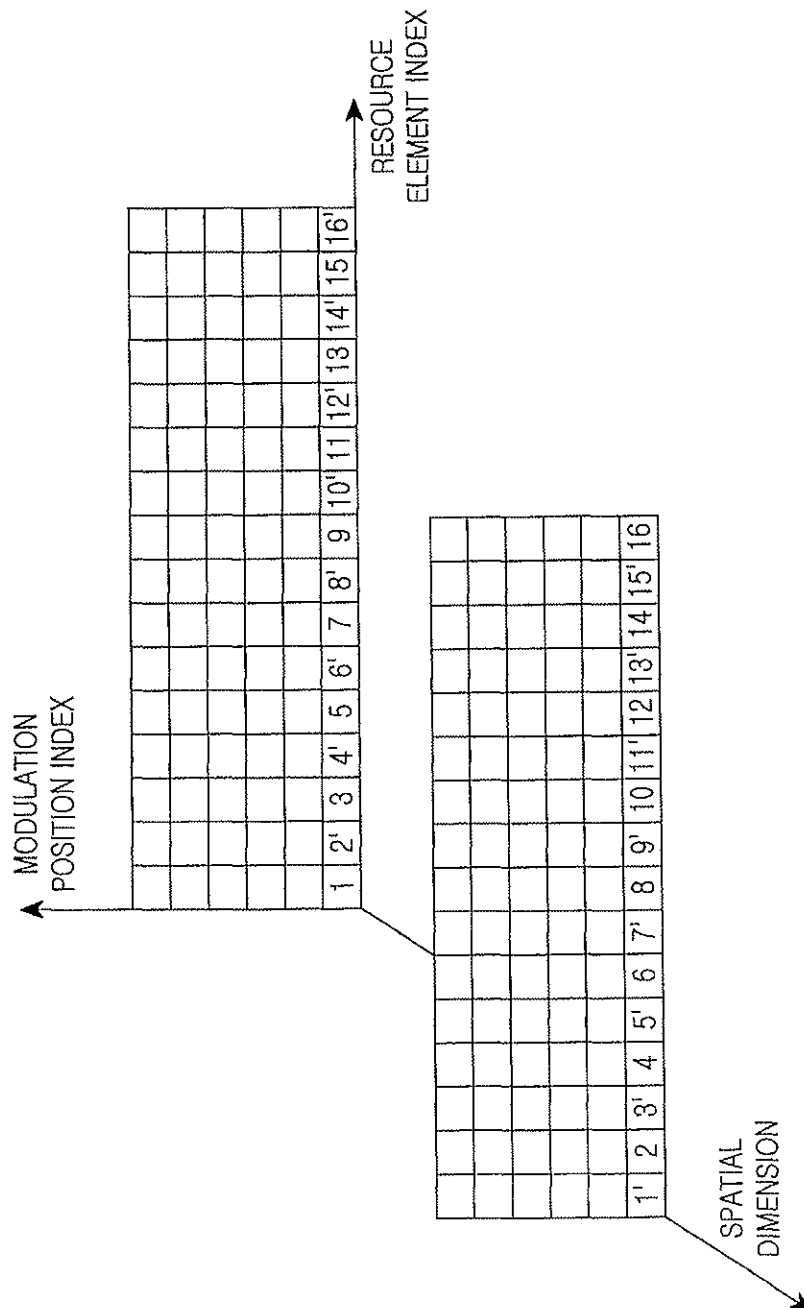


FIG.18



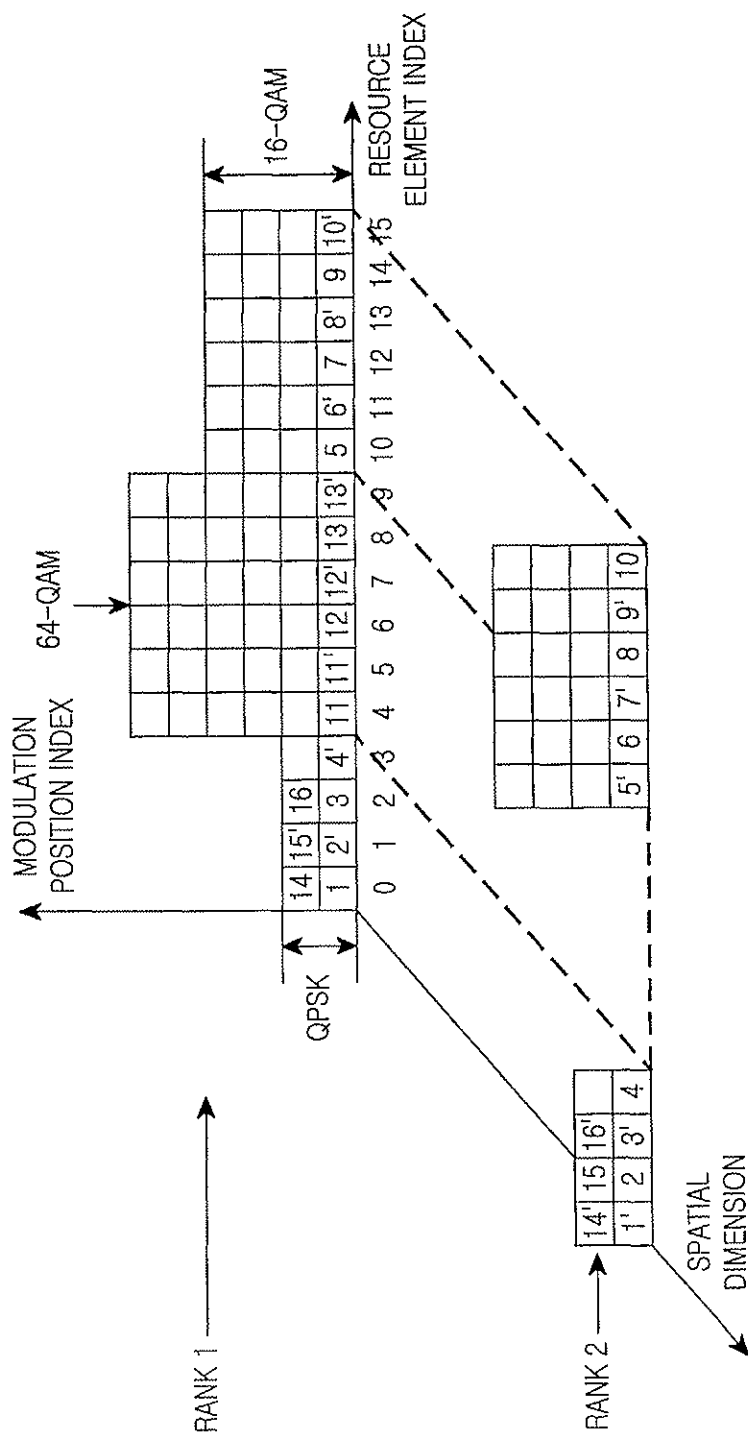


FIG.20

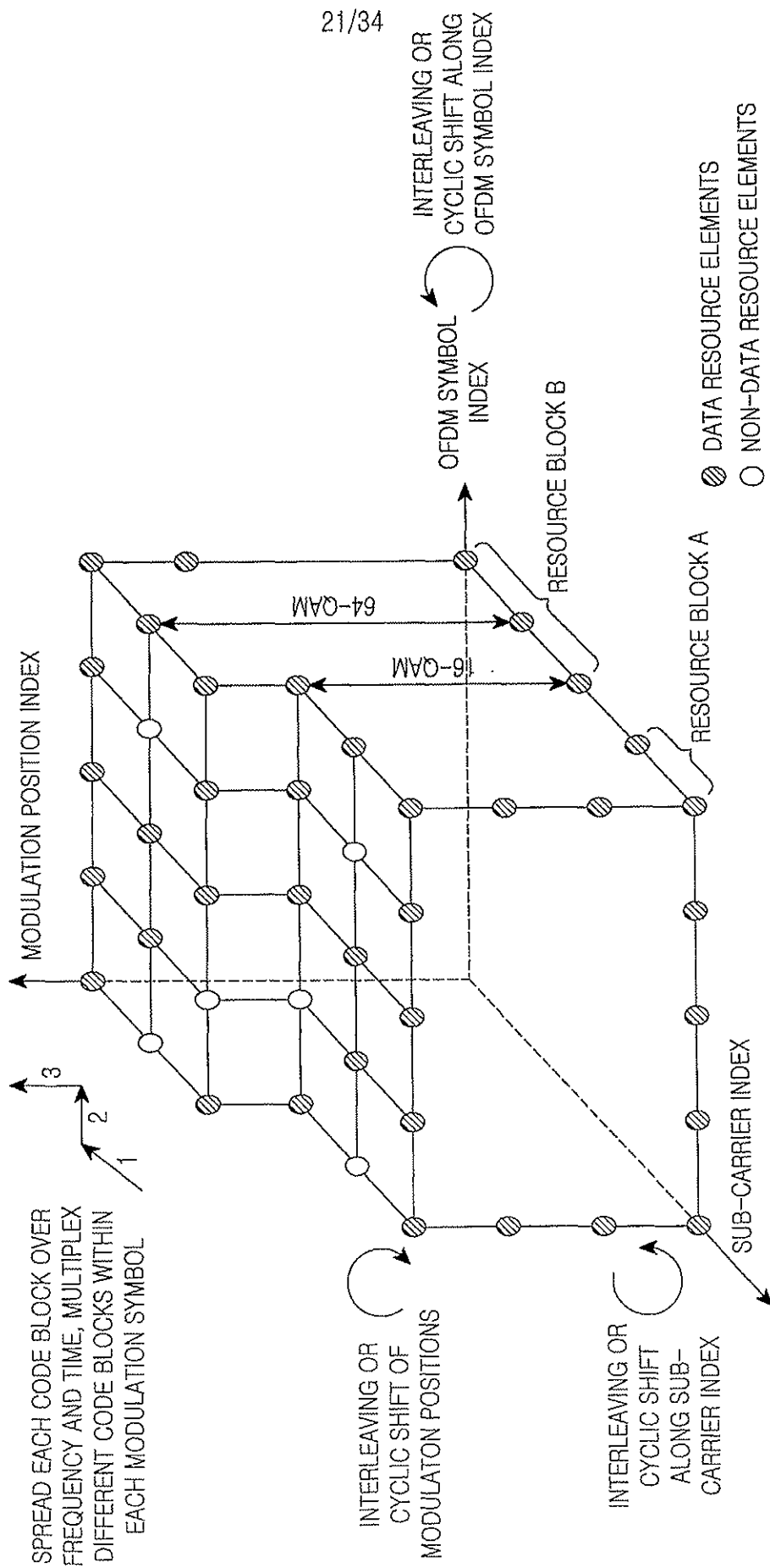


FIG.21

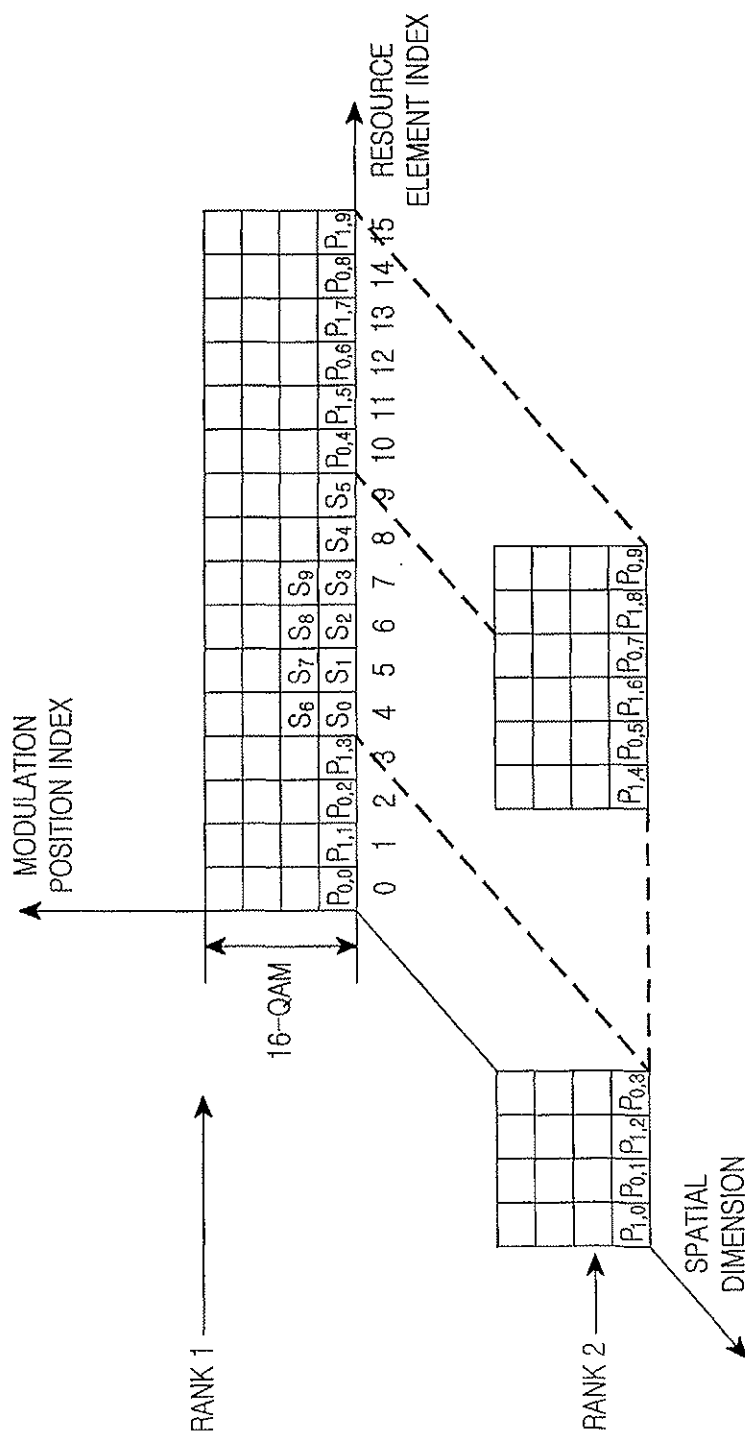


FIG.22

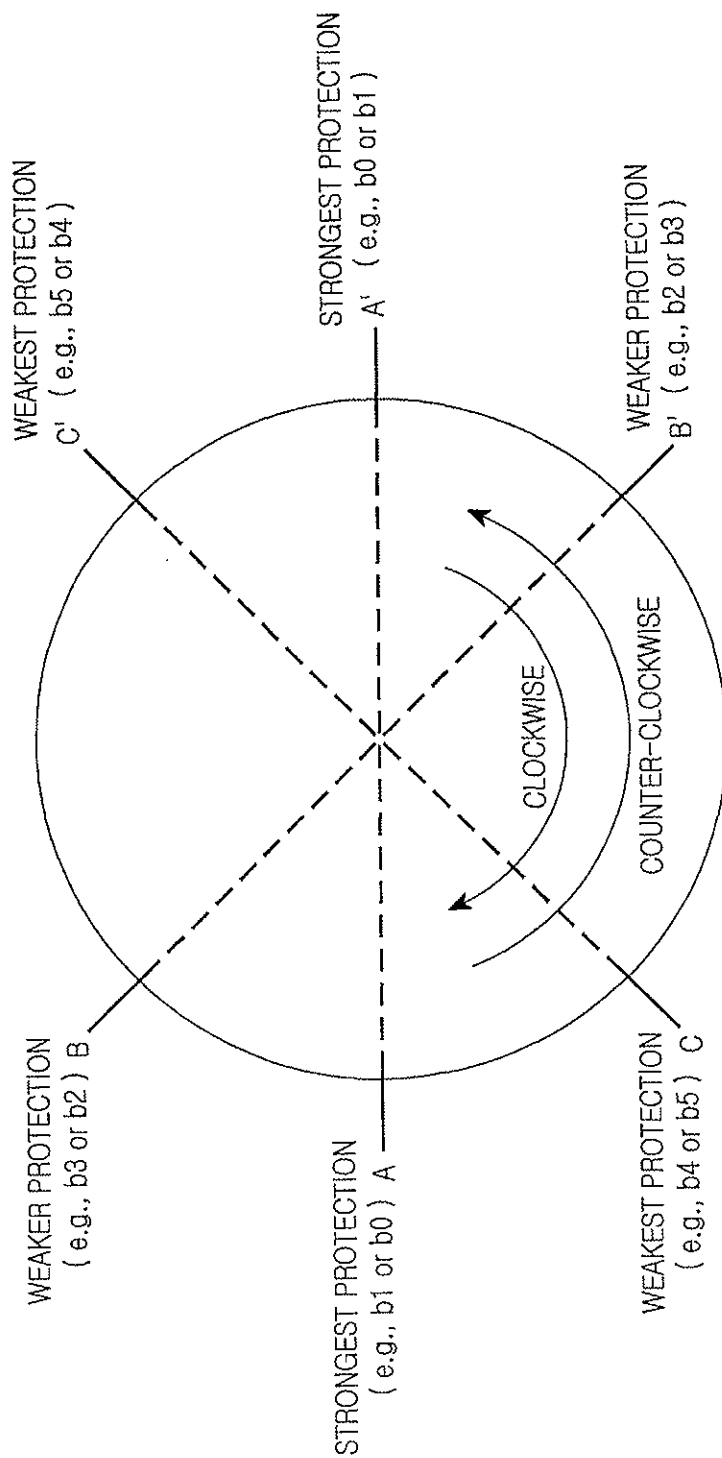


FIG.23

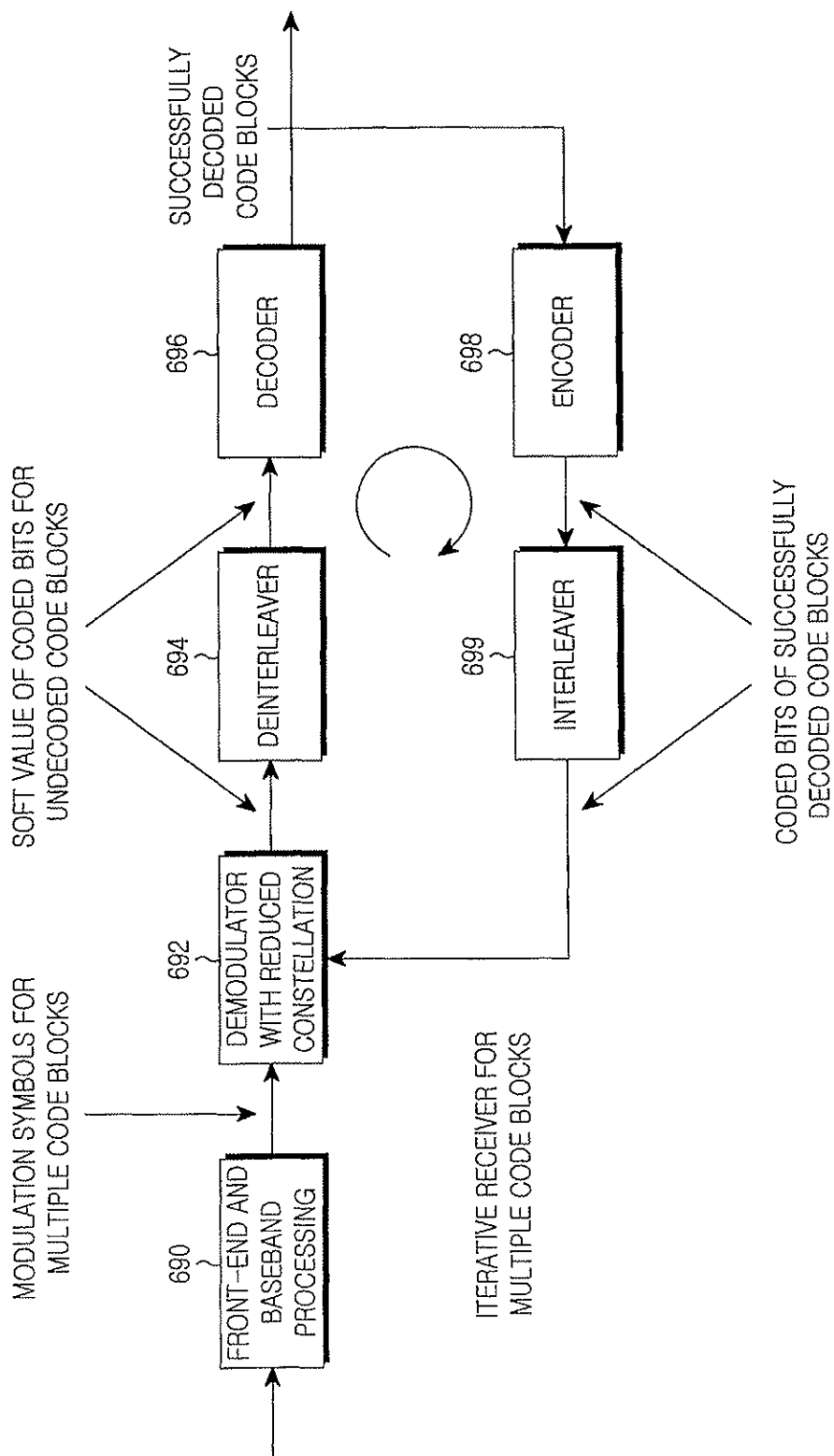
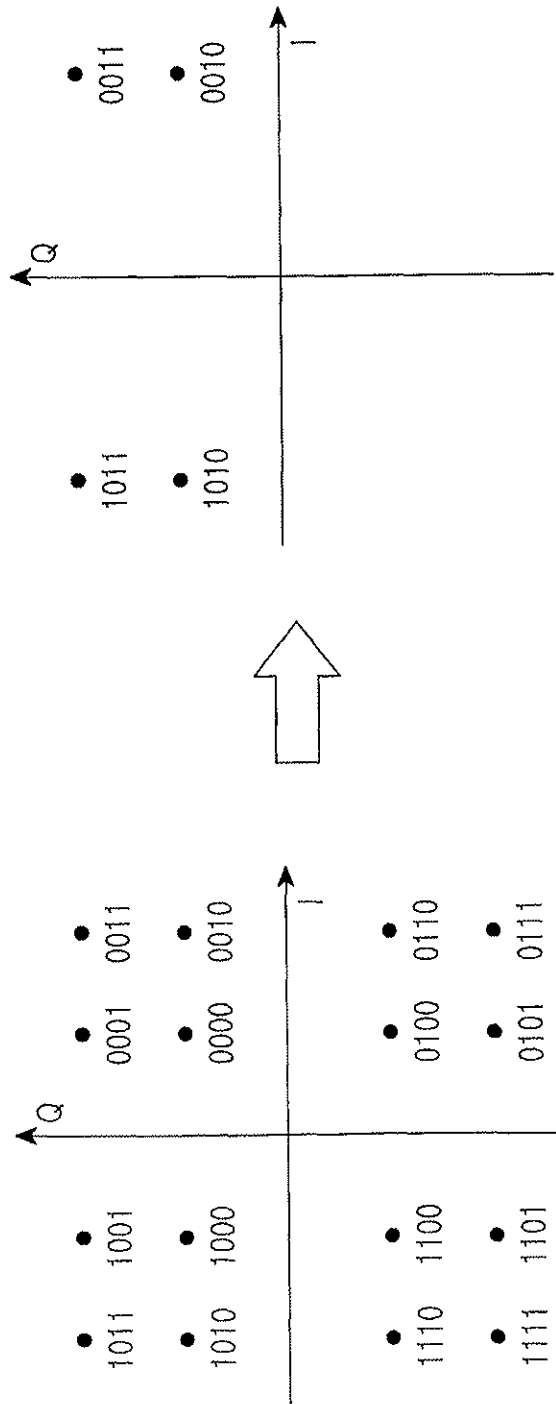


FIG. 24

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(A) 16-QAM CONSTELLATION $b_3b_2b_1b_0$ (B) REDUCED 16-QAM CONSTELLATION WITH $b_2=0$ AND $b_1=1$

FIG.25

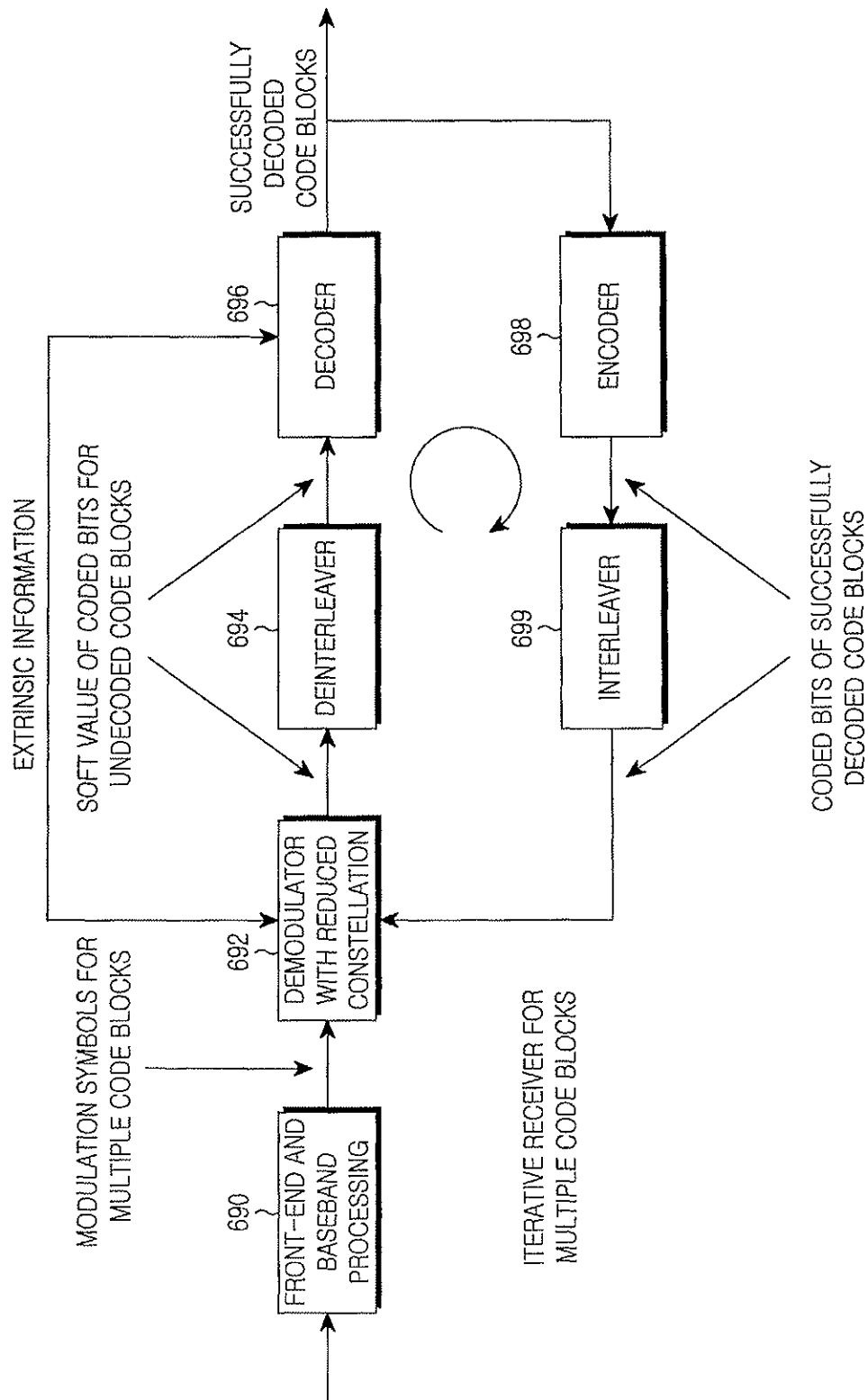


FIG. 26

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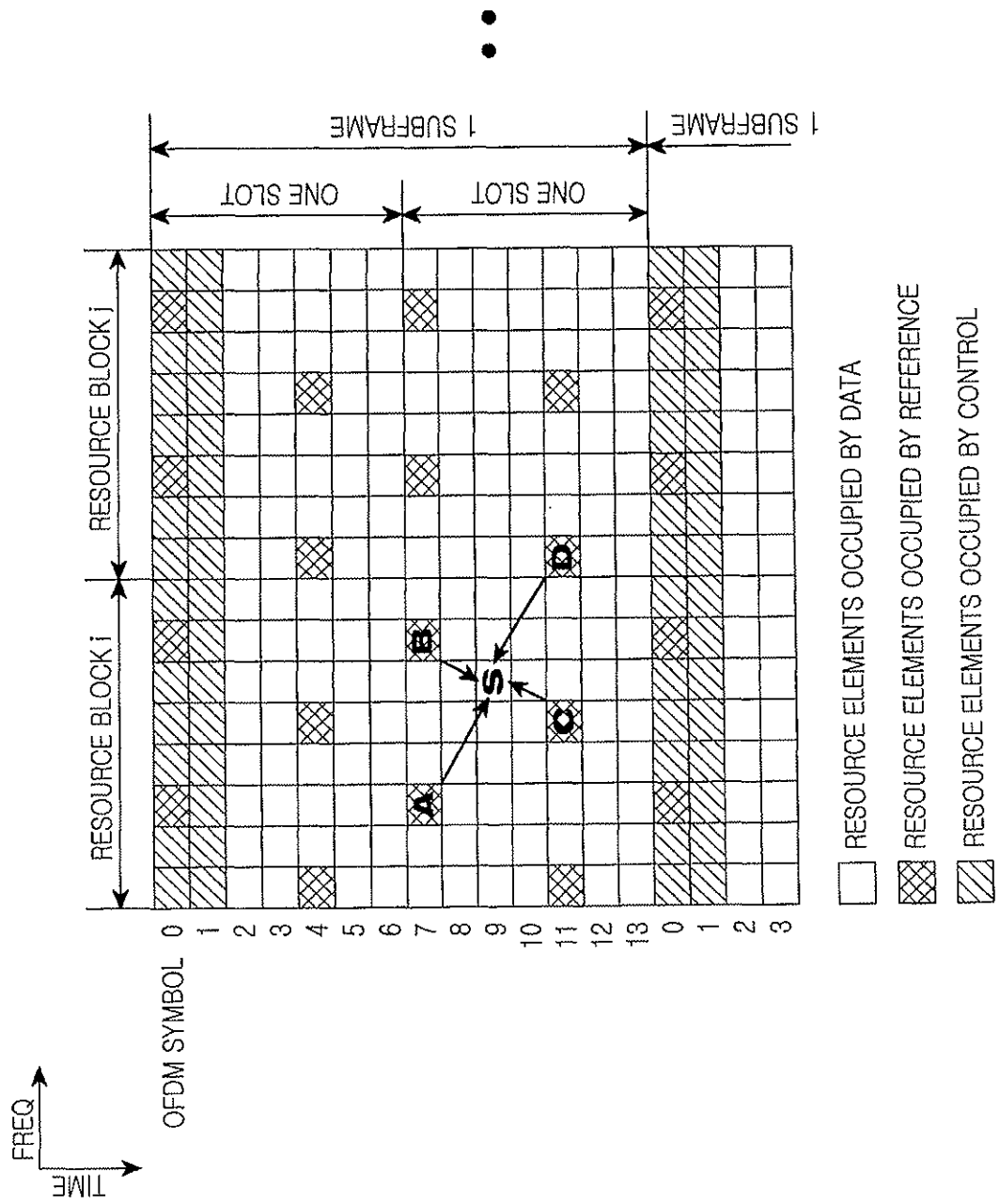


FIG. 27

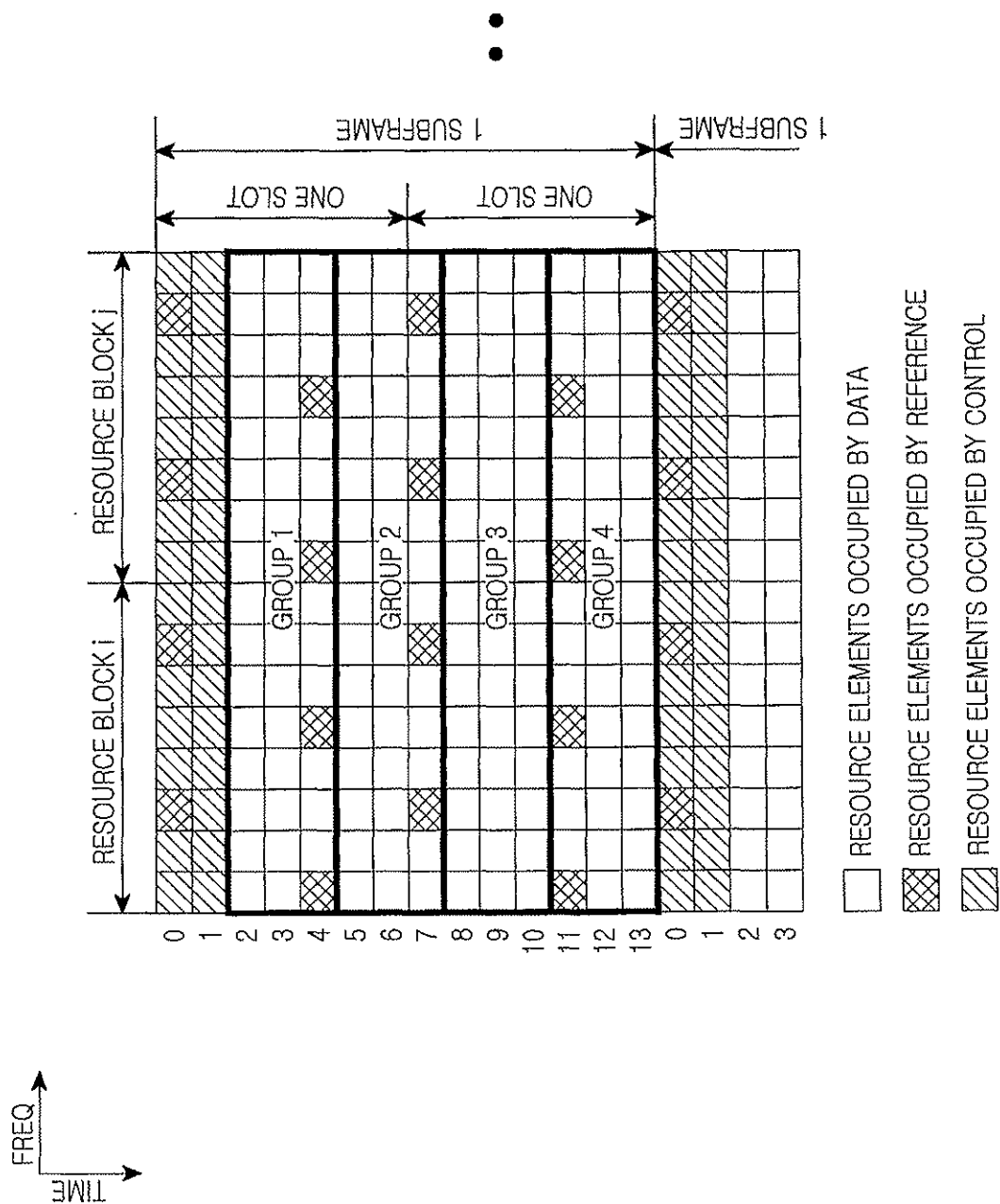


FIG. 28A

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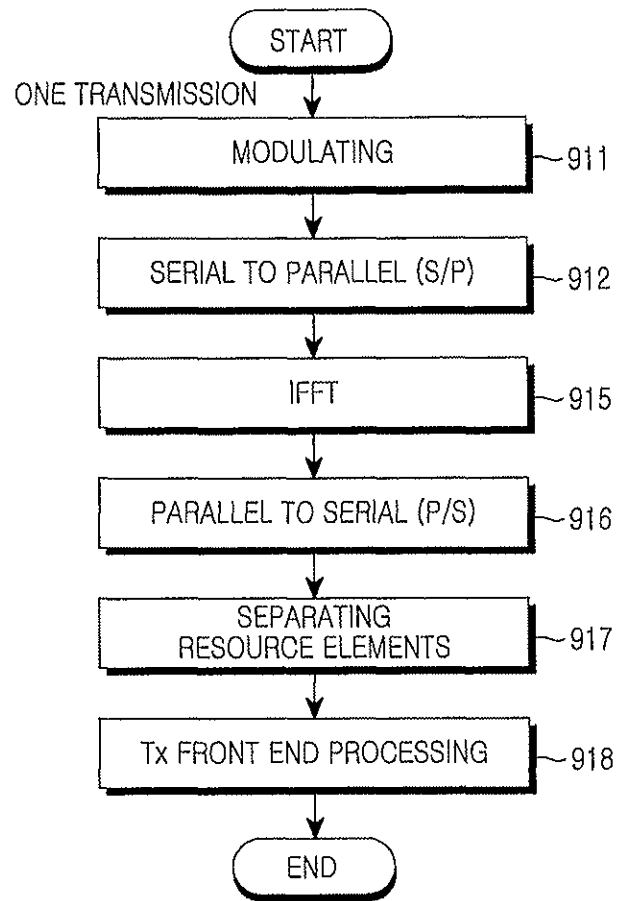


FIG. 28B

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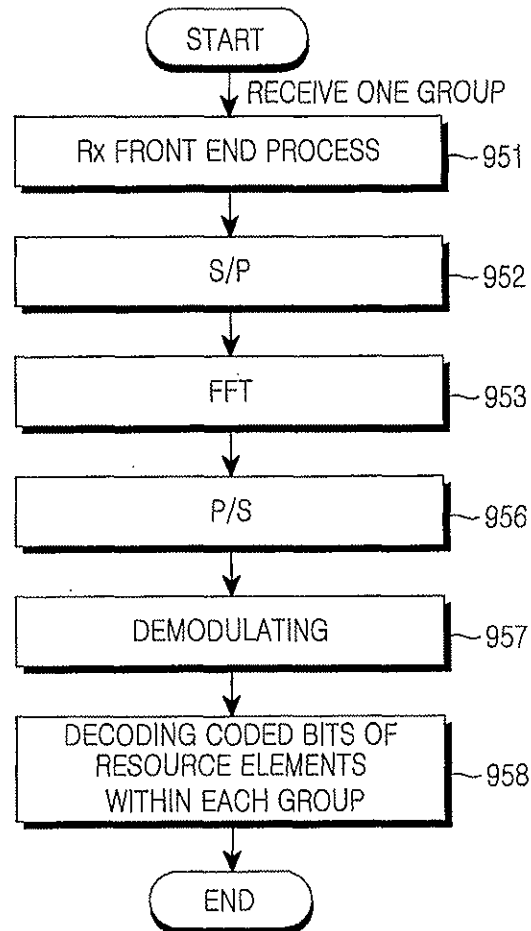


FIG.28C

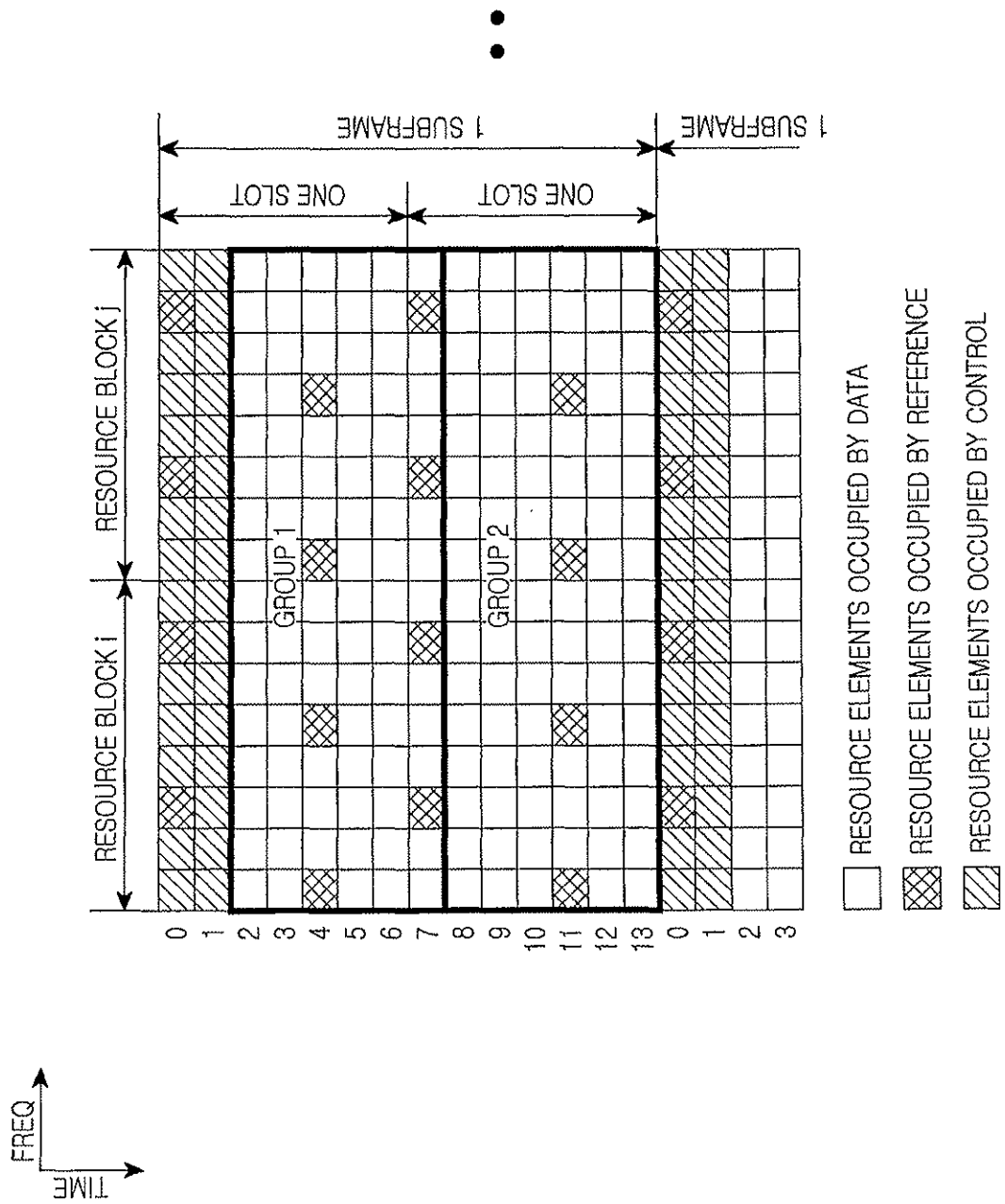


FIG. 29

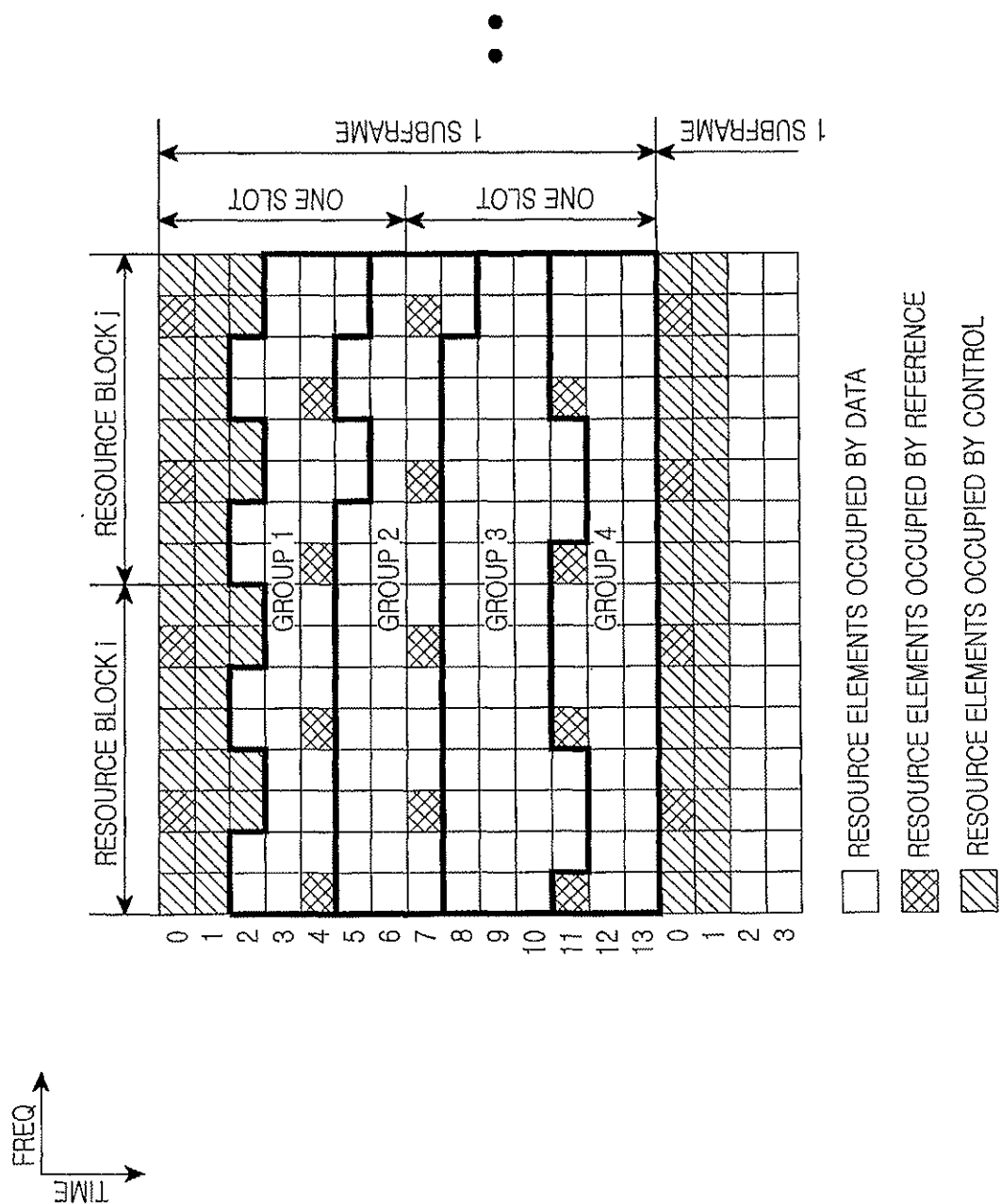


FIG.30

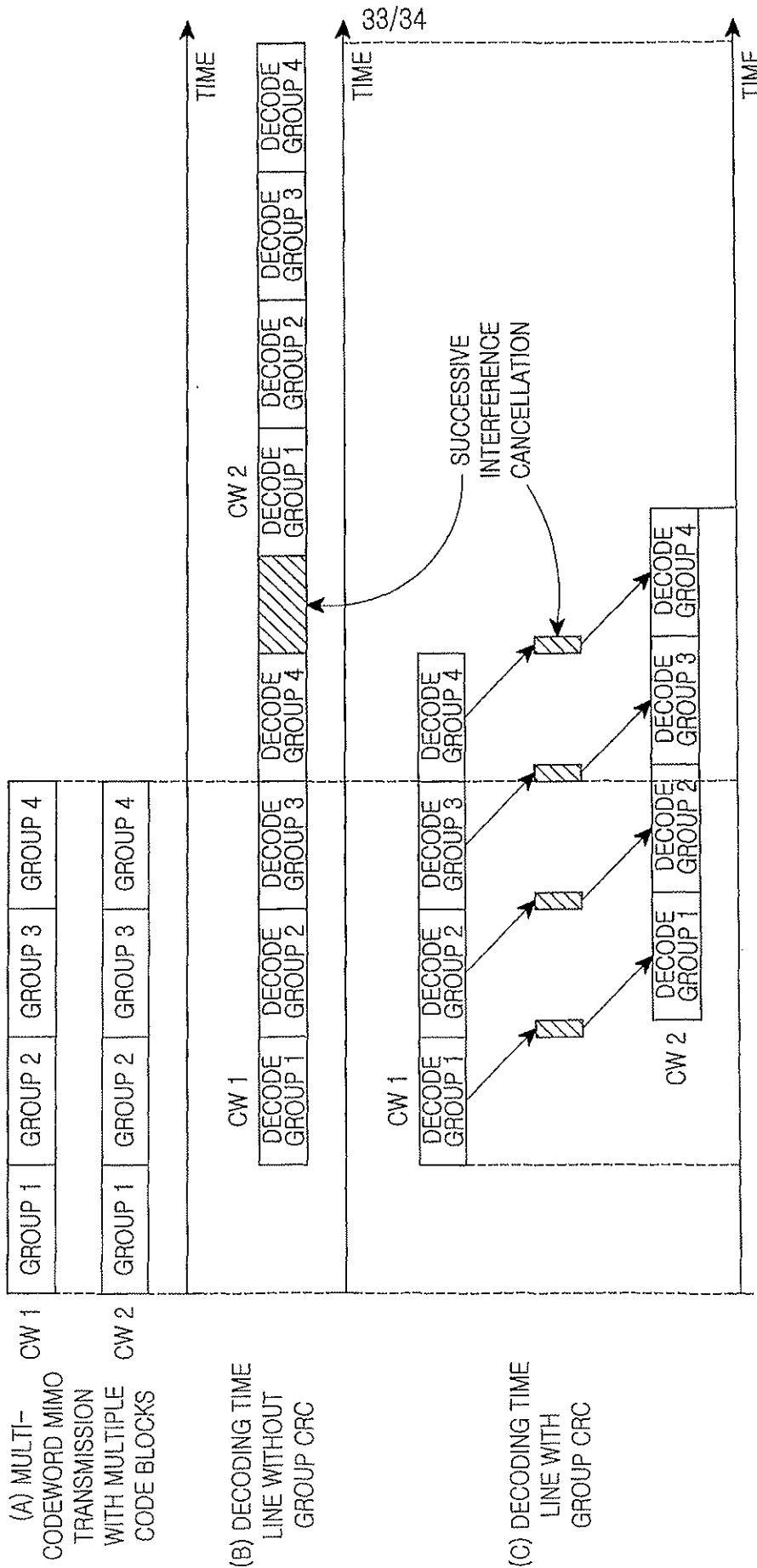


FIG.31

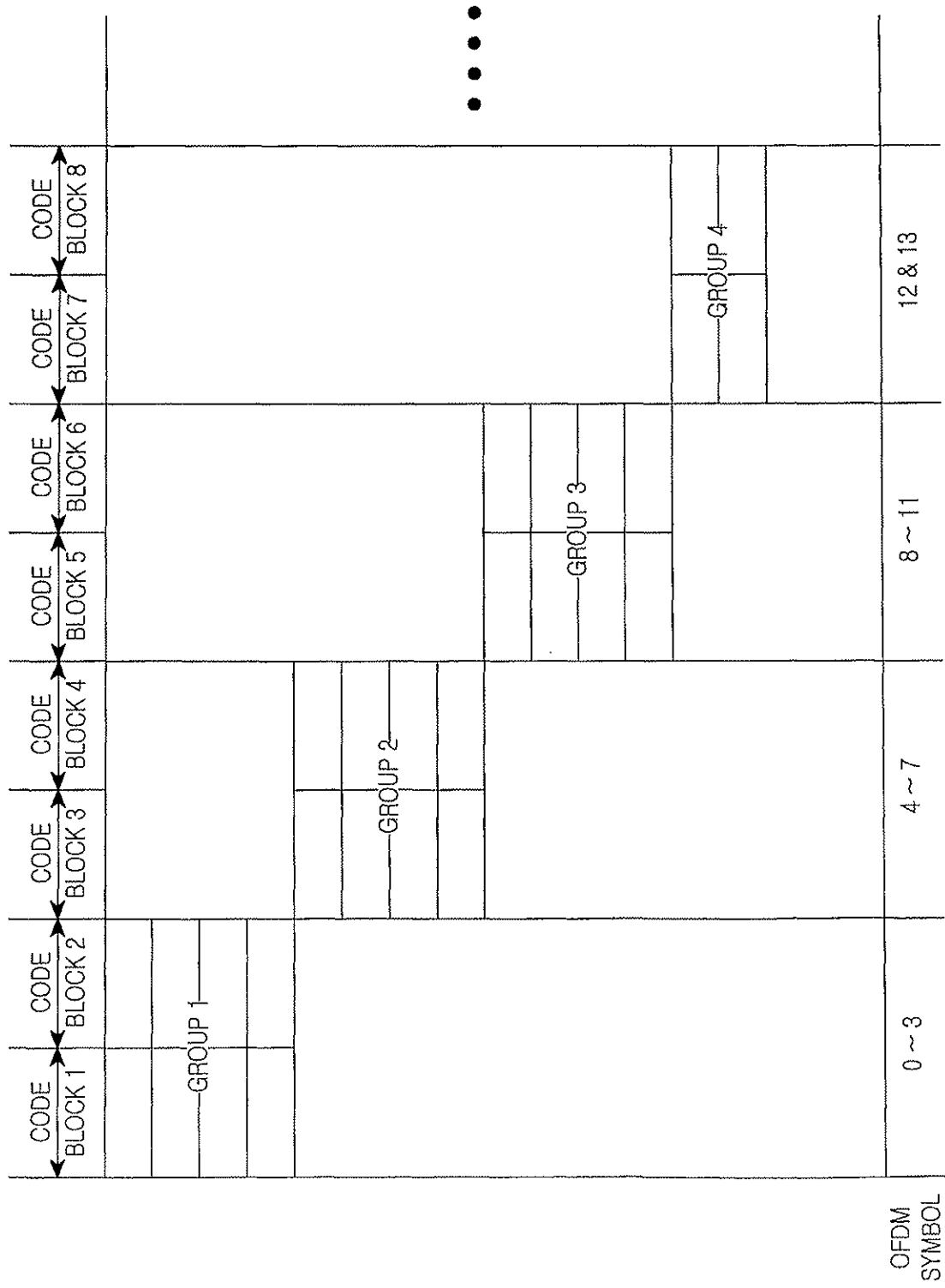


FIG.32