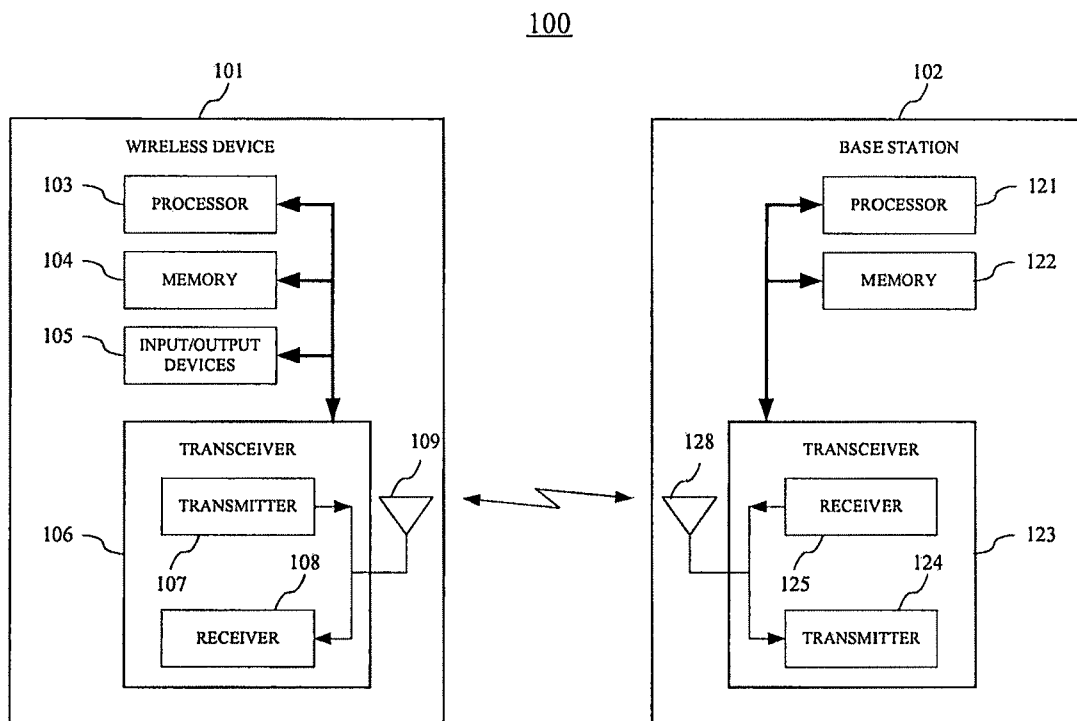


**FIG. 1 (PRIOR ART)**

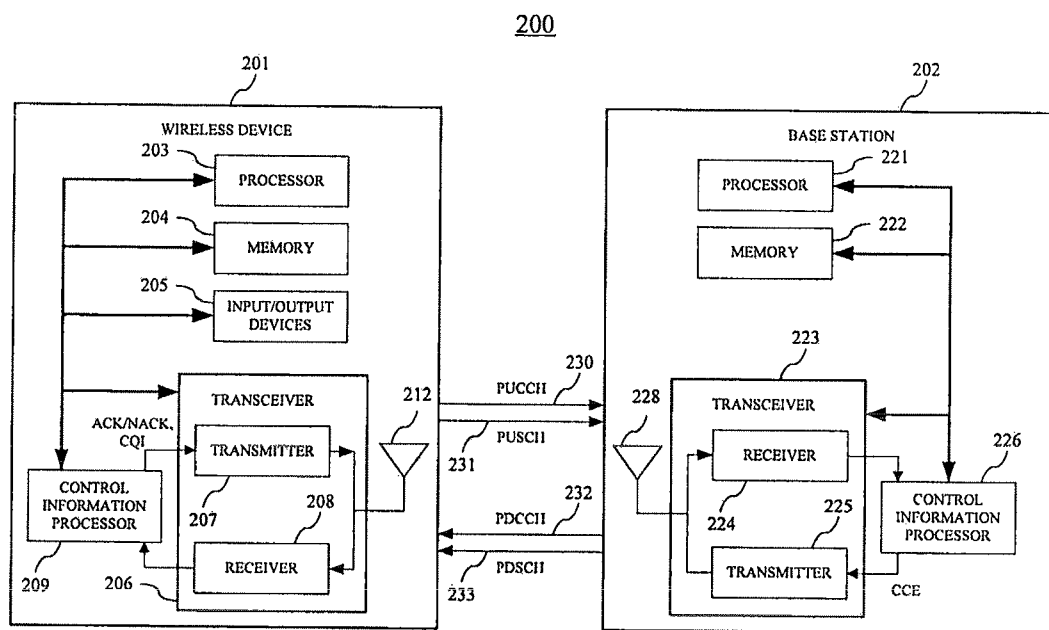


FIG. 2

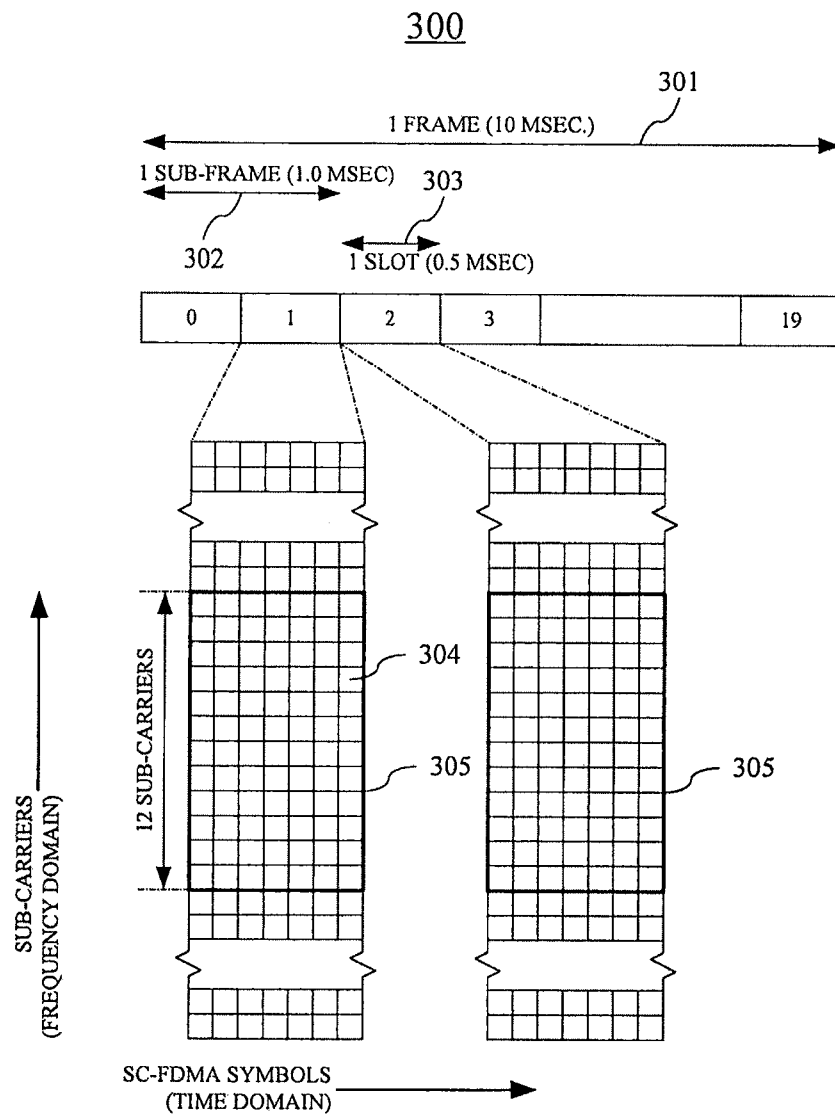
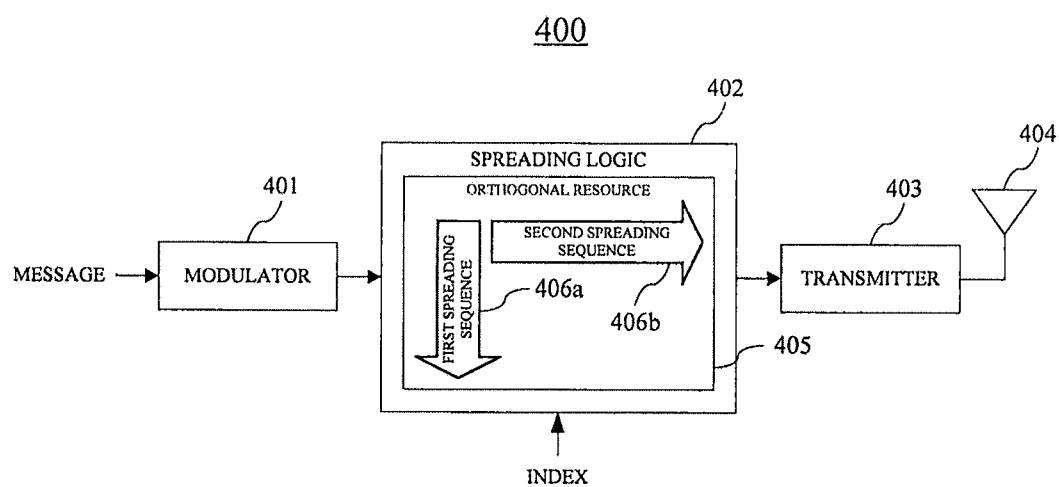


FIG. 3 (PRIOR ART)

**FIG. 4 (PRIOR ART)**

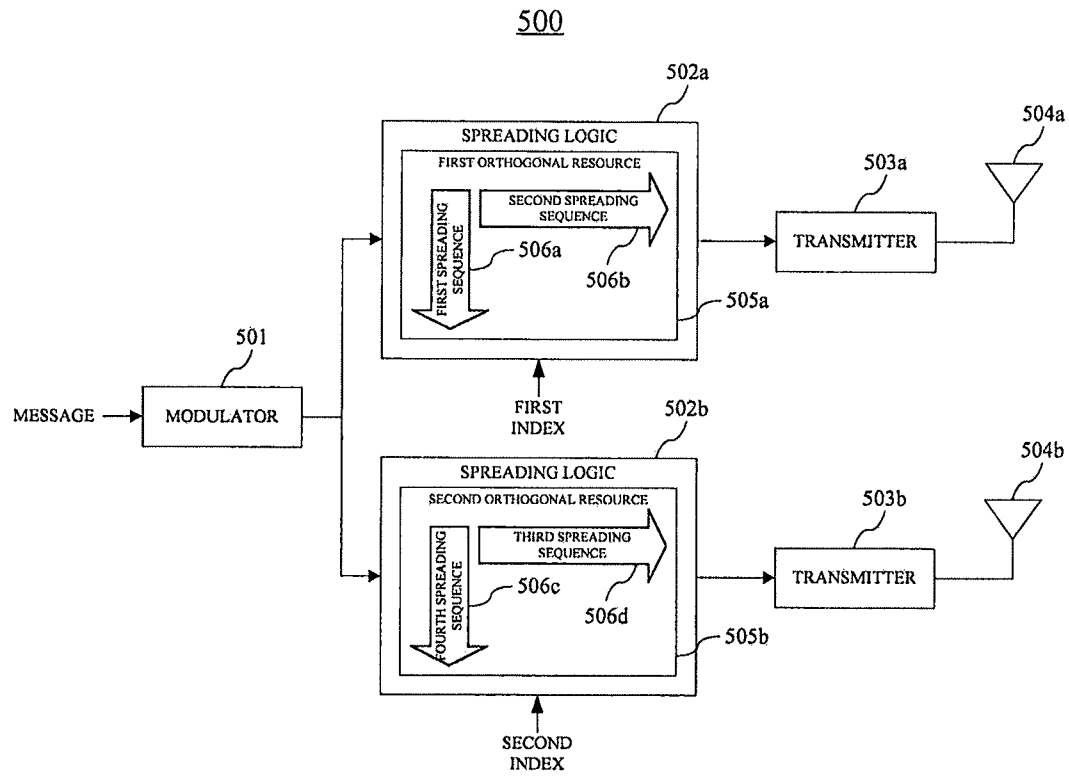
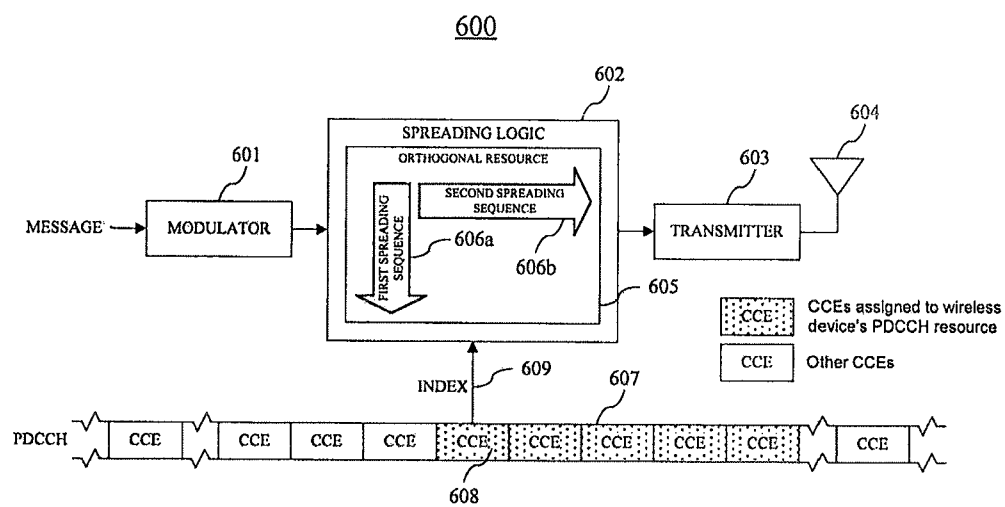
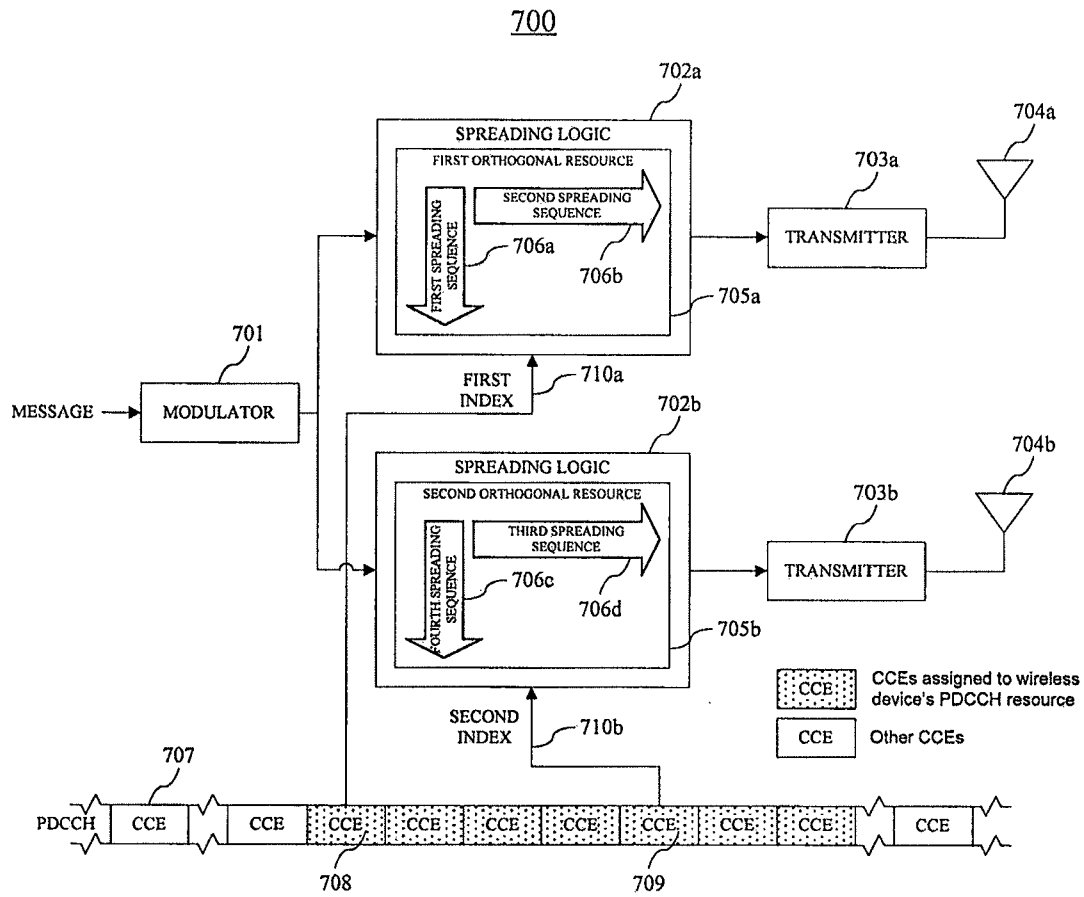


FIG. 5 (PRIOR ART)





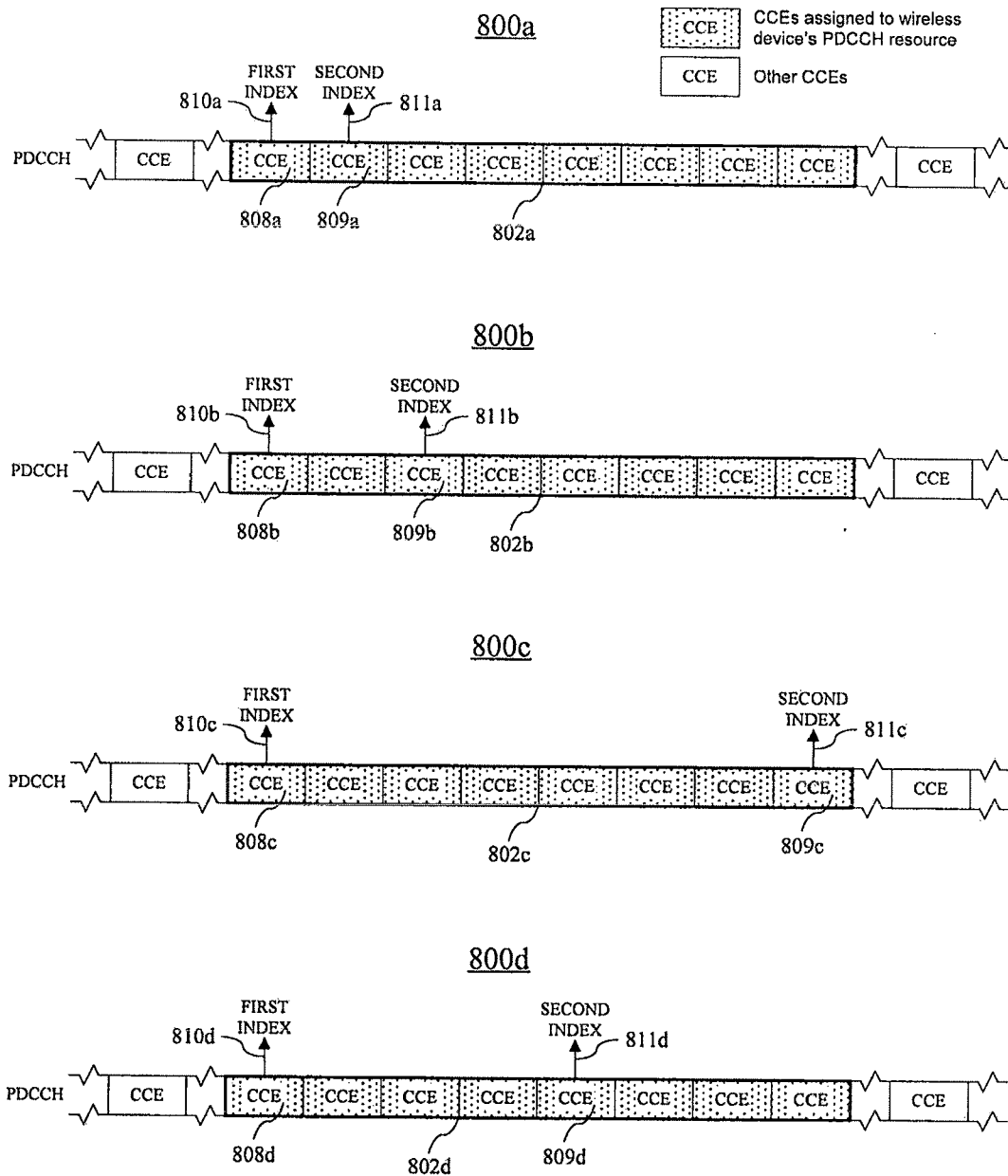


FIG. 8

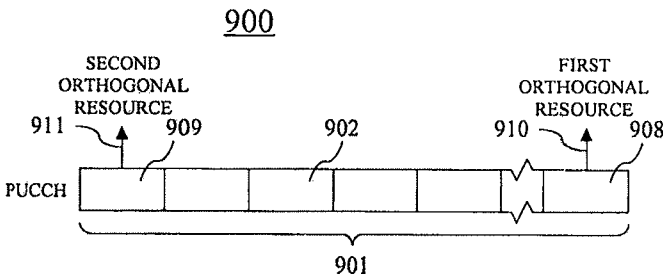


FIG. 9

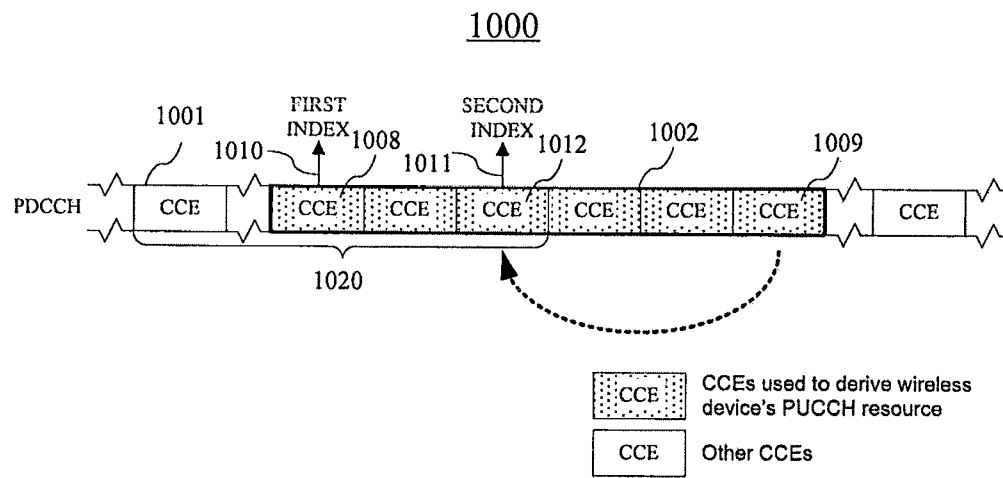


FIG. 10

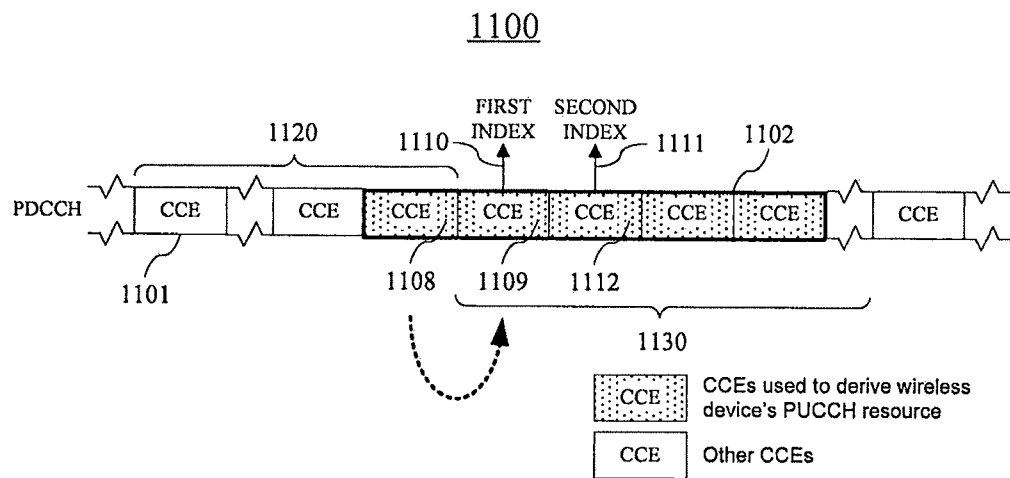


FIG. 11

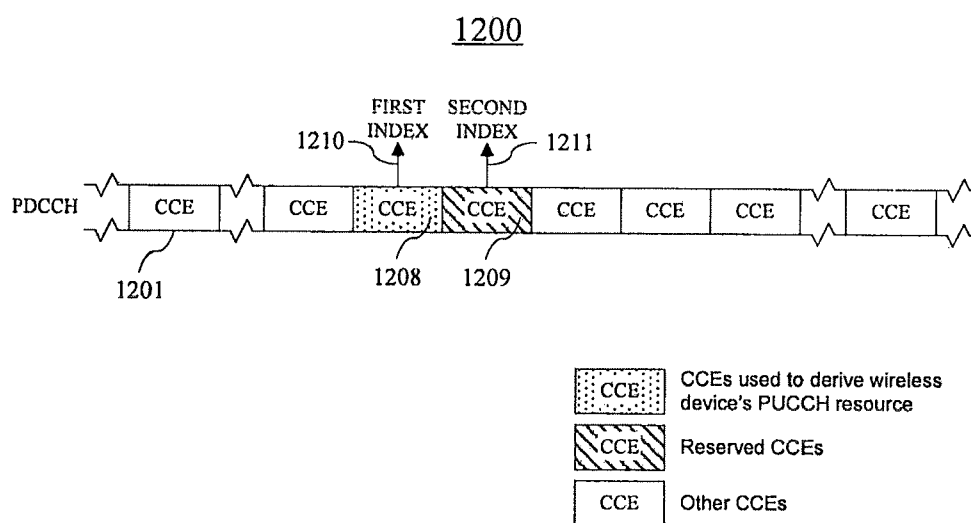


FIG. 12

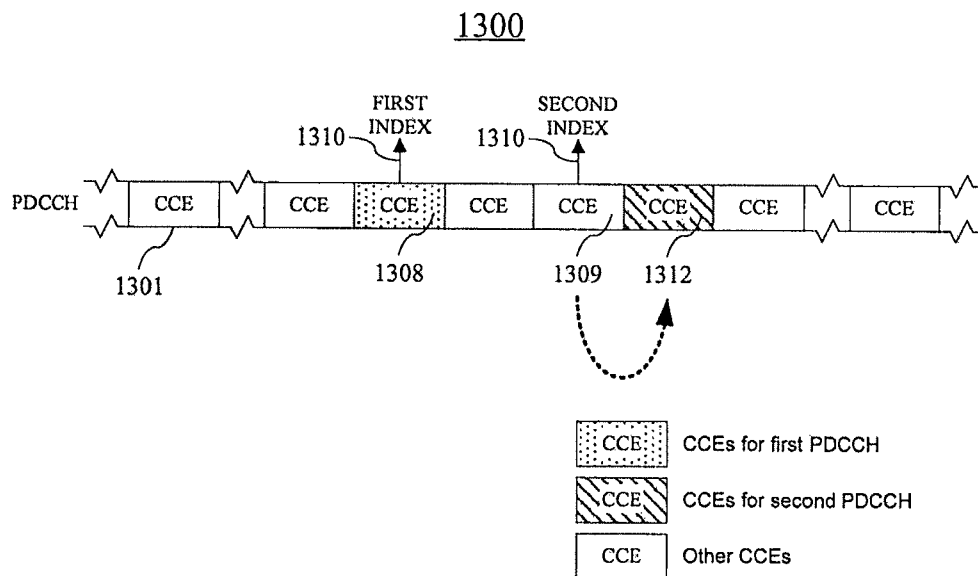


FIG. 13

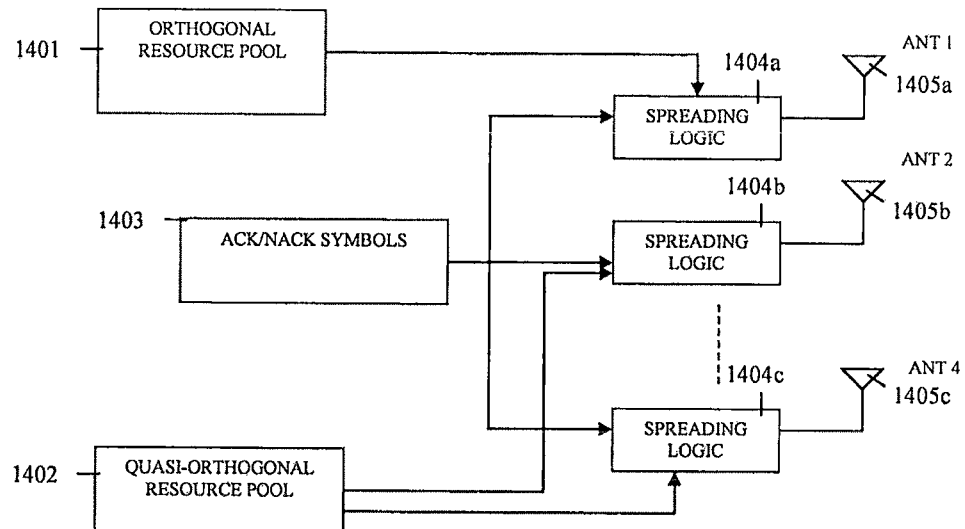


FIG. 14

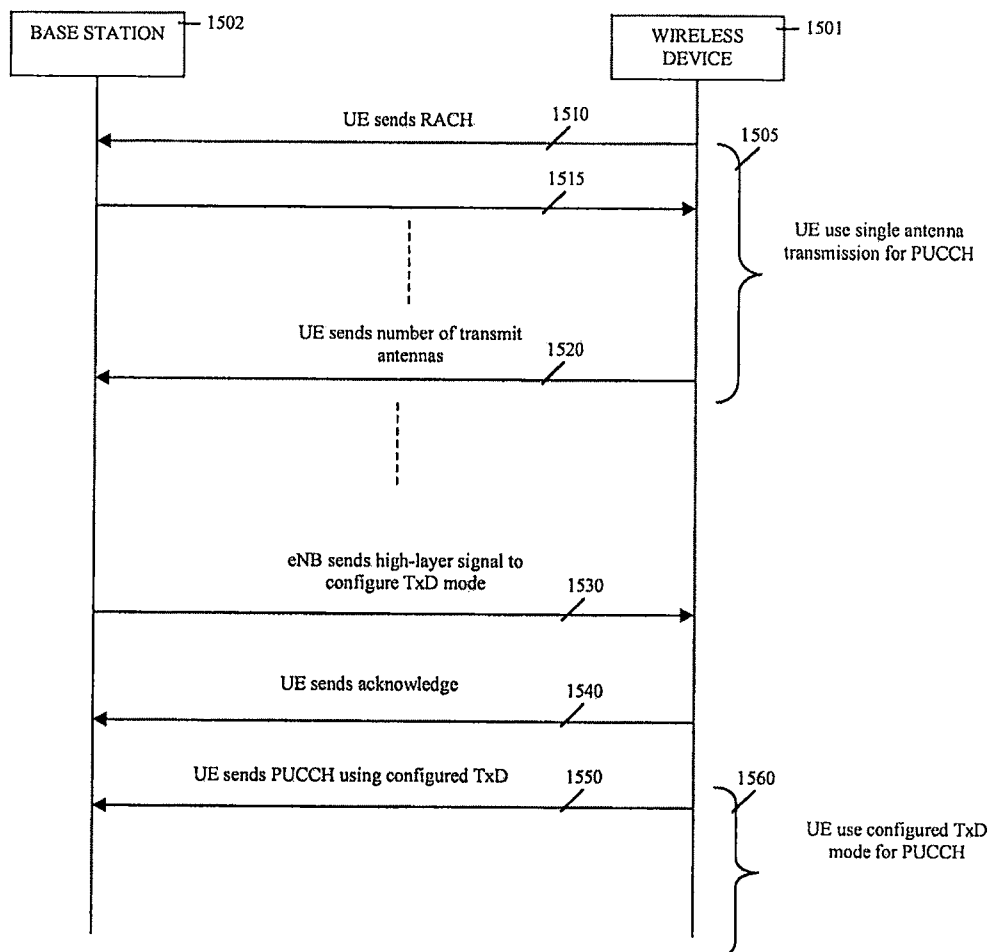


FIG. 15

PUCCH Resource Index for Downlink Semi-Persistent Scheduling

Value of 'TPC command for PUCCH'	$n_{\text{PUCCH}}^{(1)}$
'00'	The first PUCCH resource index configured by the higher layers
'01'	The second PUCCH resource index configured by the higher layers
'10'	The third PUCCH resource index configured by the higher layers
'11'	The fourth PUCCH resource index configured by the higher layers

FIG. 16

SORTD PUCCH Resource Index for Downlink Semi-Persistent Scheduling

Value of 'TPC command for PUCCH'	$n_{\text{PUCCH}}^{(1)}$ for first tx	$n_{\text{PUCCH}}^{(1)}$ for second tx
'00'	The first PUCCH resource index configured by the higher layers	The fifth PUCCH resource index configured by the higher layers
'01'	The second PUCCH resource index configured by the higher layers	The sixth PUCCH resource index configured by the higher layers
'10'	The third PUCCH resource index configured by the higher layers	The seventh PUCCH resource index configured by the higher layers
'11'	The fourth PUCCH resource index configured by the higher layers	The eighth PUCCH resource index configured by the higher layers

FIG. 17