

FIG. 1

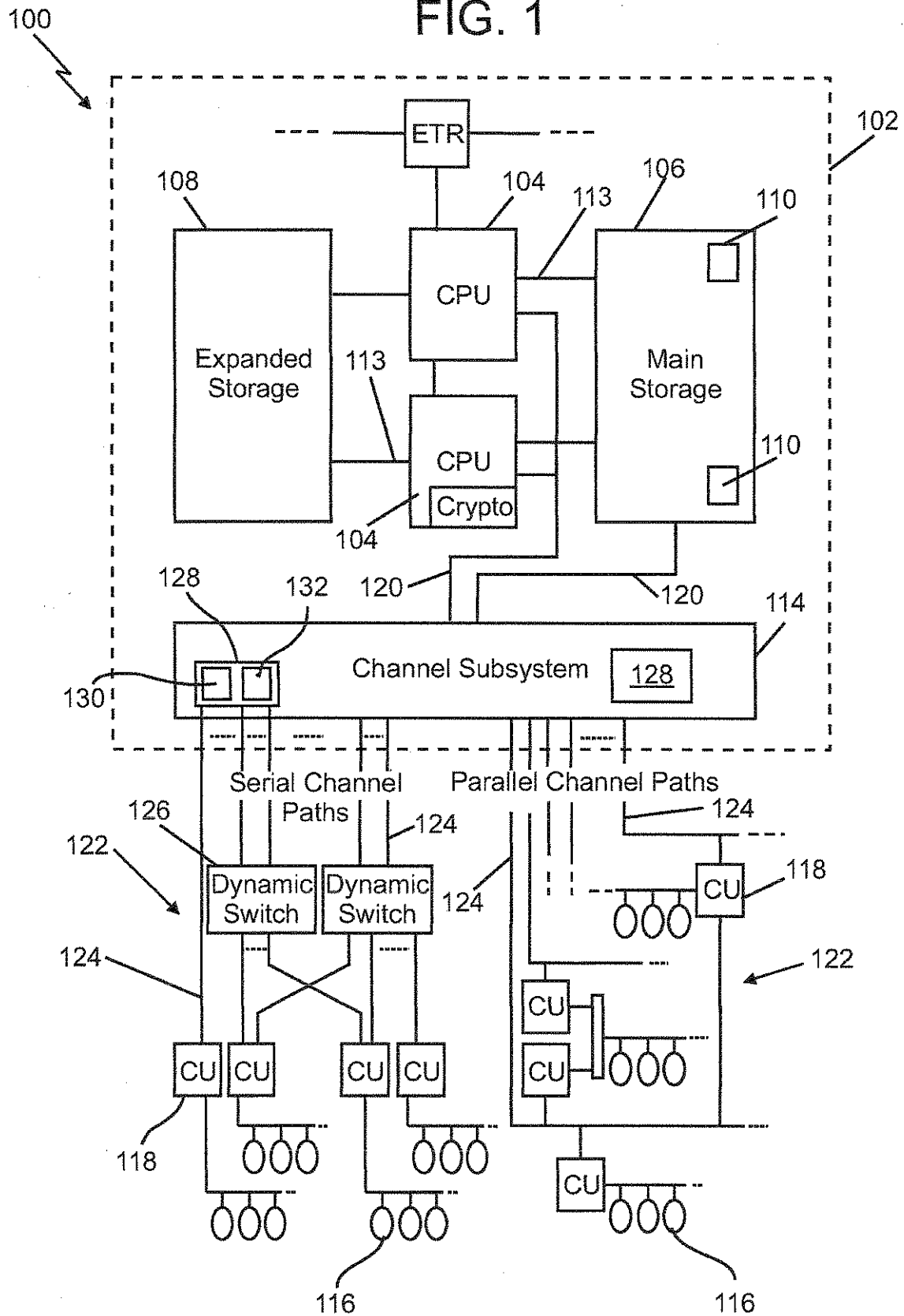


FIG. 2

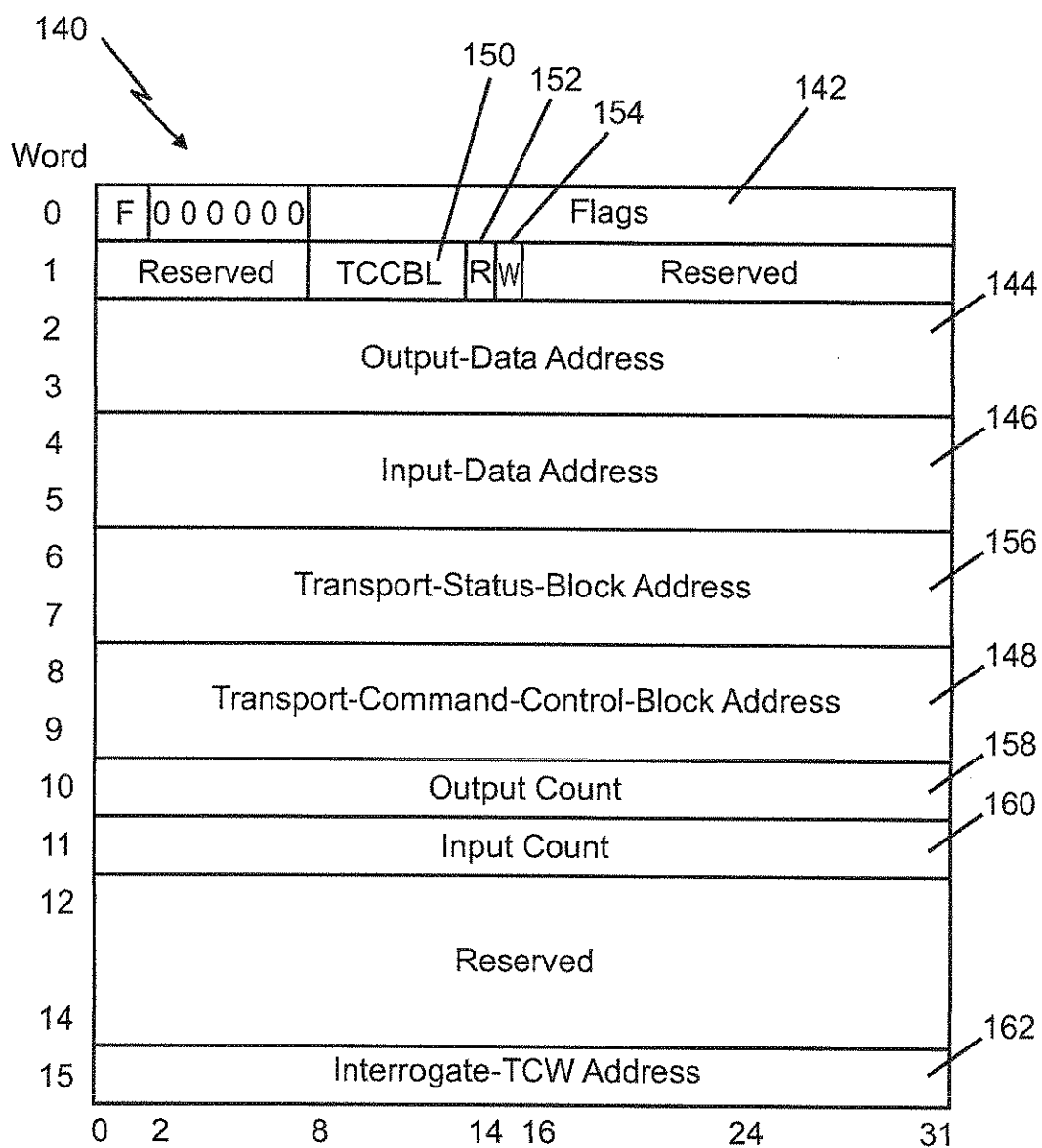


FIG. 3

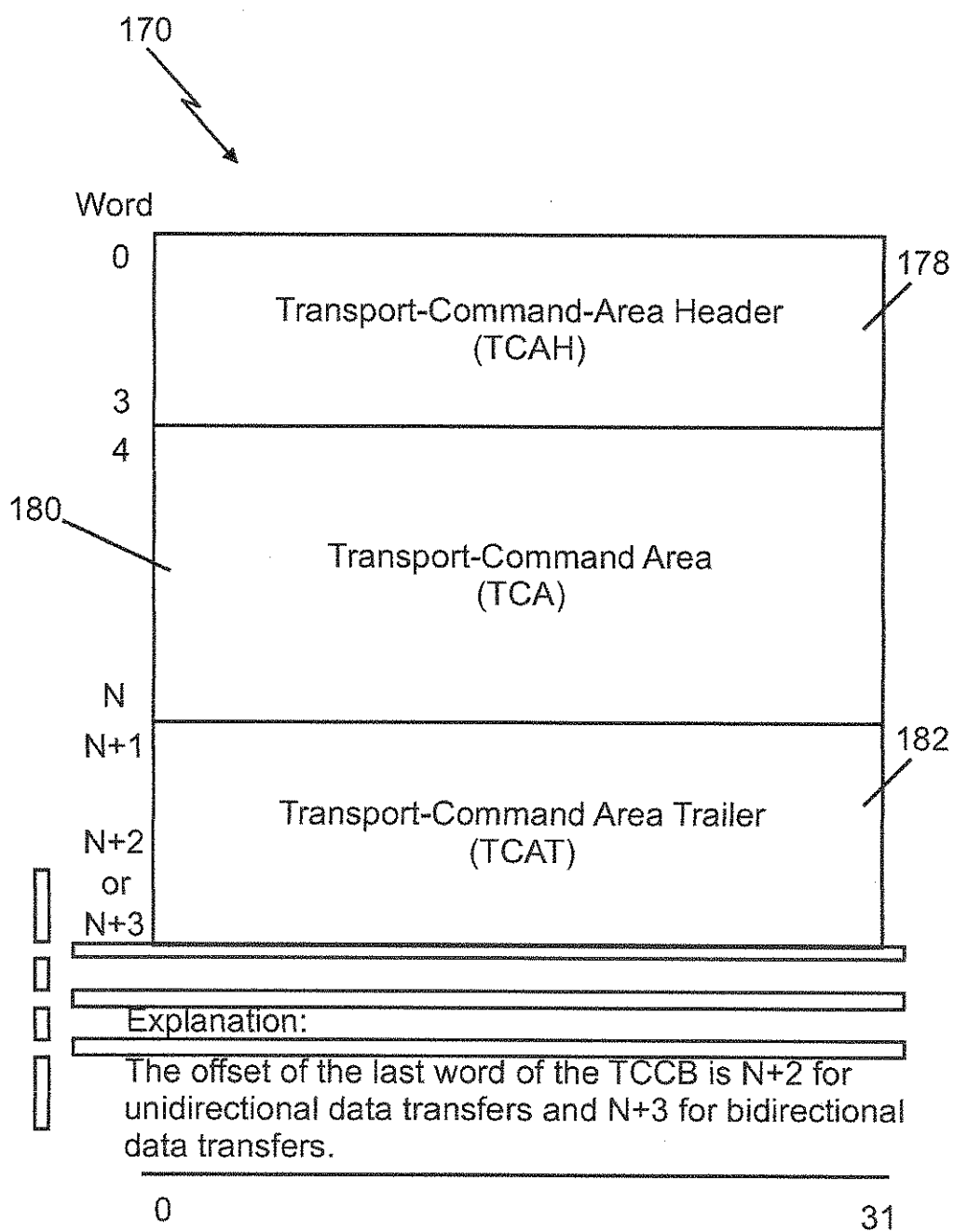


FIG. 4

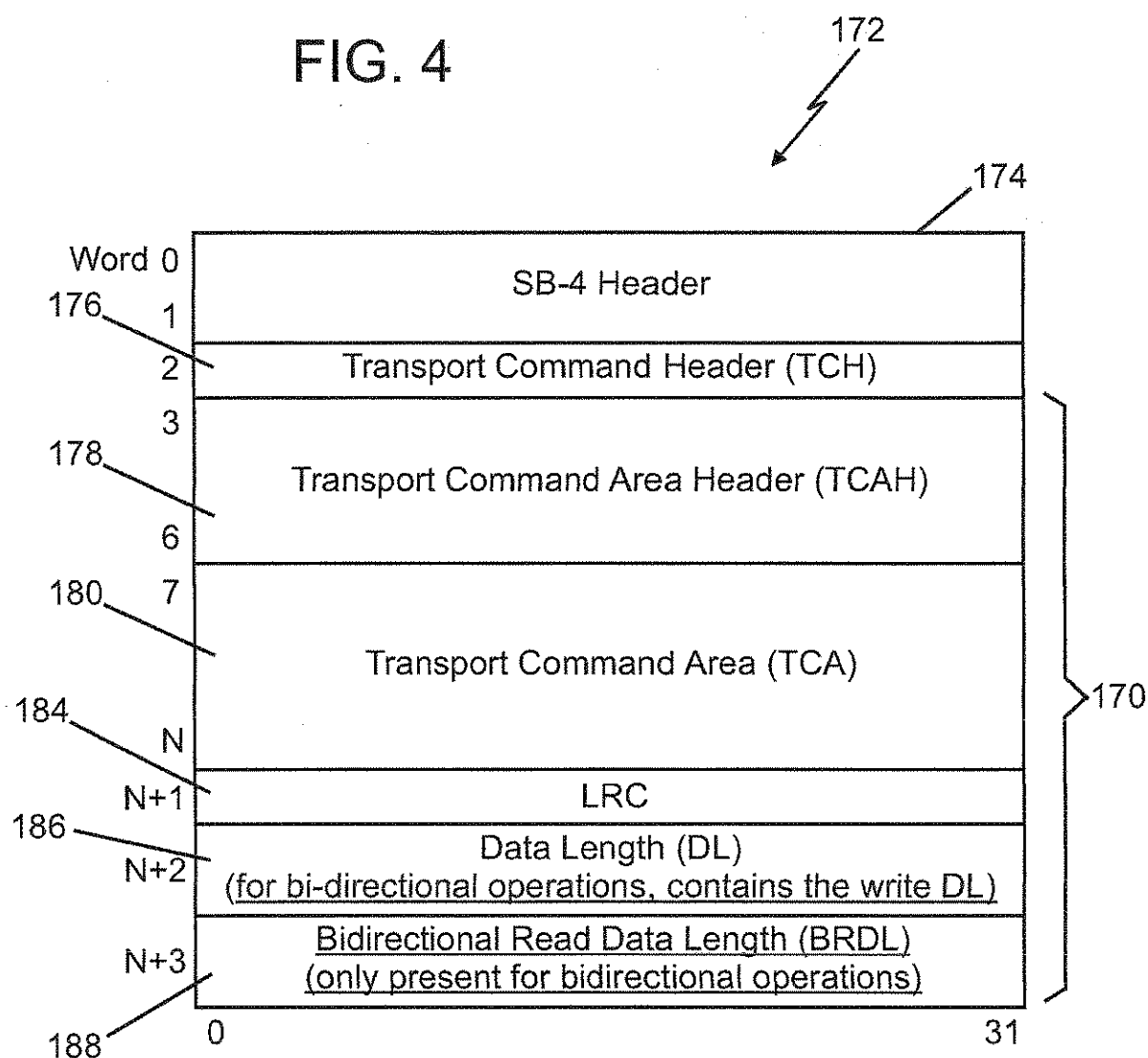
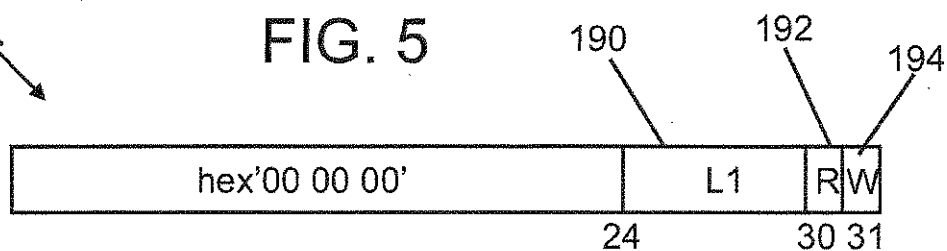
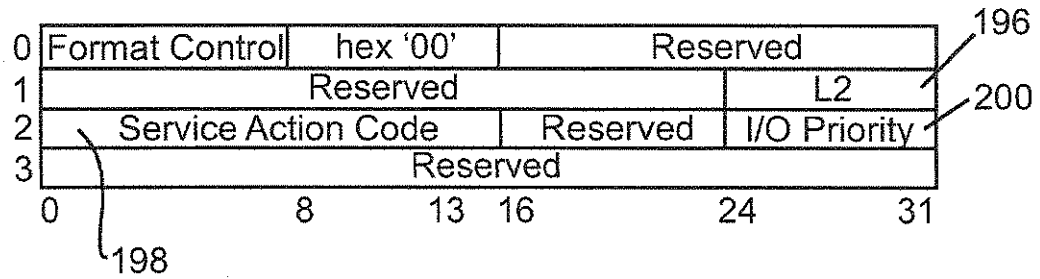


FIG. 5



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FIG. 6



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FIG. 7

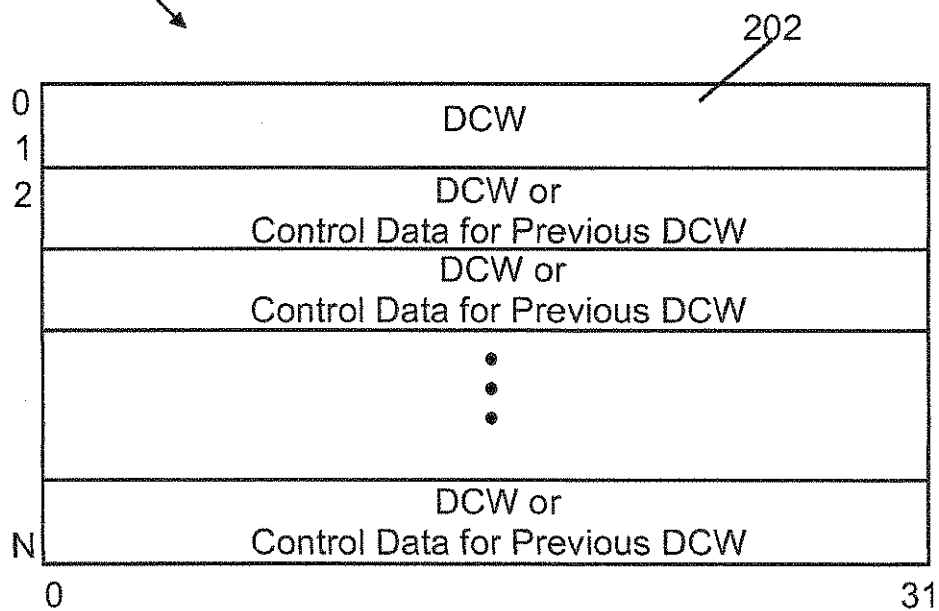
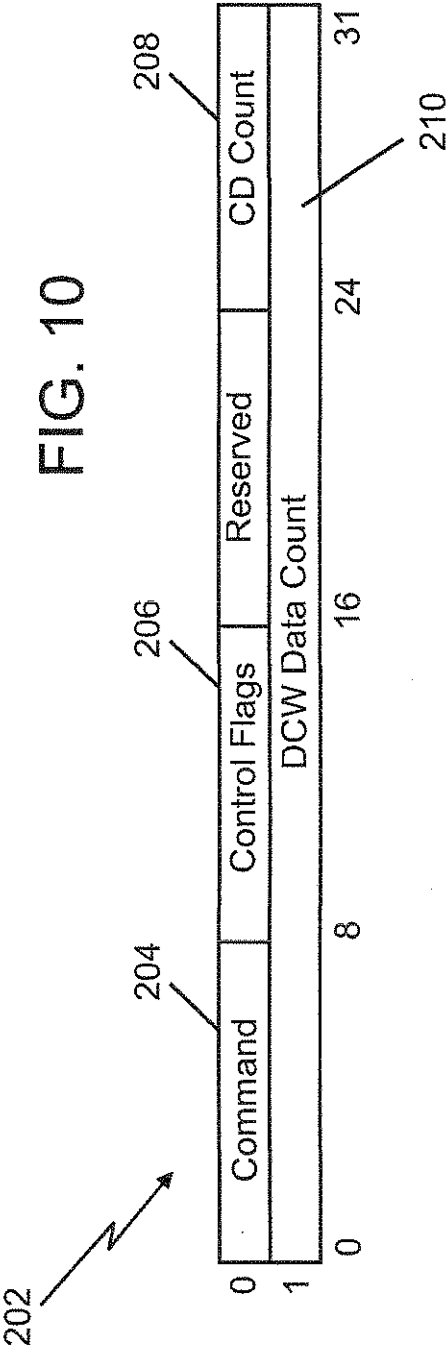
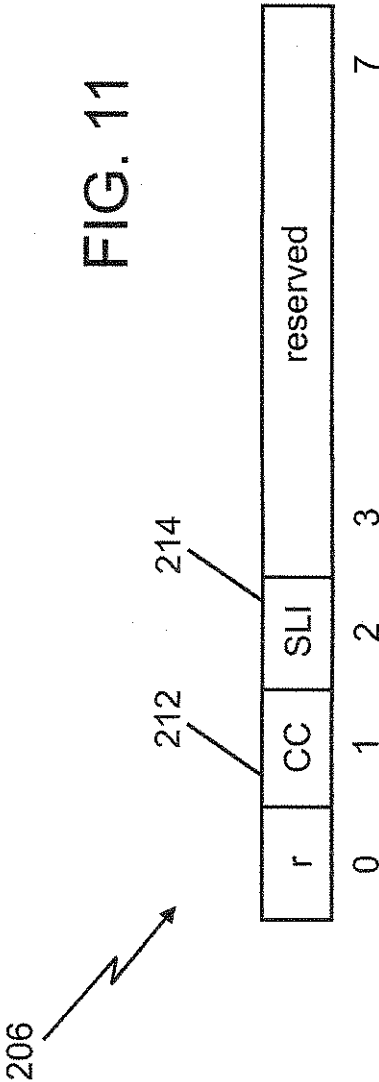


FIG. 8

Operation	TCW Input Count	TCW Output Count	TCAT Transport Count
Input operation (TCW R-bit is 1)	Sum of DCW count values in the TCA.	n/a	Sum of DCW count values in TCA, rounded to four, ² plus four ²
Output operation (TCW W-bit is 1), TIDAWS not used (TCW output-TIDA flag is 0)	n/a	Sum of DCW count values in TCA.	Sum of DCW count values in TCA, rounded to four, ² plus four ²
Output operation (TCW W-bit is 1), TIDAWS used (TCW output-TIDA flag is 1)	n/a	Sum of DCW count values in TCA [AR ONLY: and TCAX] plus the size of the reserved areas in any specified TCMI ³ , plus total of TIDAW-specified CBC and padding bytes ¹	Sum of DCW count values in TCA [AR ONLY: and TCAX], plus the size of the reserved areas in any specified TCMI ³ , plus total of TIDAW-specified CBC and padding bytes, ¹ rounded to four, ² plus four ²
Explanation:			
1 See the description at the insert-CBC control in "Flags" on page 15-1 14.			
2 The channel subsystem adds a CBC word to the end of the last data transported. Up to 3 padding bytes are added after the last data transported to ensure the added CBC word is on a word boundary.			
3 Because of alignment requirements, the size of the reserved area in a TCMI is either 0 or 4.			

FIG. 9

Operation	TCW Input Count	TCW Output Count	TCAT Read Count	TCAT Write Count
Input operation (TCW R-bit is 1) and output operation (TCW W-bit is 1), TIDAWS not used (TCW output-TIDA flag is 0)	Sum of read DCW count values in the TCA and TCAX.	Sum of write DCW count values in the TCA, plus count values in DCWs that specify the transfer of TCMI	Sum of read DCW count values in the TCA and TCAX, rounded to four, ² plus four ²	Sum of write DCW count values in the TCA, plus count values in DCWs that specify the transfer of TCMI rounded to four, ² plus four ²
Input operation (TCW R-bit is 1) and output operation (TCW W-bit is 1), TIDAWS used (TCW output-TIDA flag is 1)	Sum of read DCW count values in the TCA and TCAX.	Sum of write DCW count values in the TCA and TCAX, plus count values in DCWs that specify the transfer of TCMI, plus the size of the reserved areas in any specified TCMI ³ , plus total of TIDAW-specified CBC and padding bytes. ¹	Sum of read DCW count values in the TCA and TCAX, rounded to four, ² plus four ²	Sum of write DCW count values in the TCA and TCAX, plus count values in DCWs that specify the transfer of TCMI, plus the size of the reserved areas in any specified TCMI ³ , plus total of TIDAW-specified CBC and padding bytes, ¹ rounded to four, ² plus four ²
Explanation: 1 See the description of the insert-CBC control in "Flags" on page 15-1 14. 2 The channel subsystem adds a CBC word to the end of the last data transported. Up to 3 padding bytes are added after the last data transported to ensure the added CBC word is on a word boundary. 3 Because of alignment requirements, the size of the reserved area in a TCMI is either 0 or 4.				



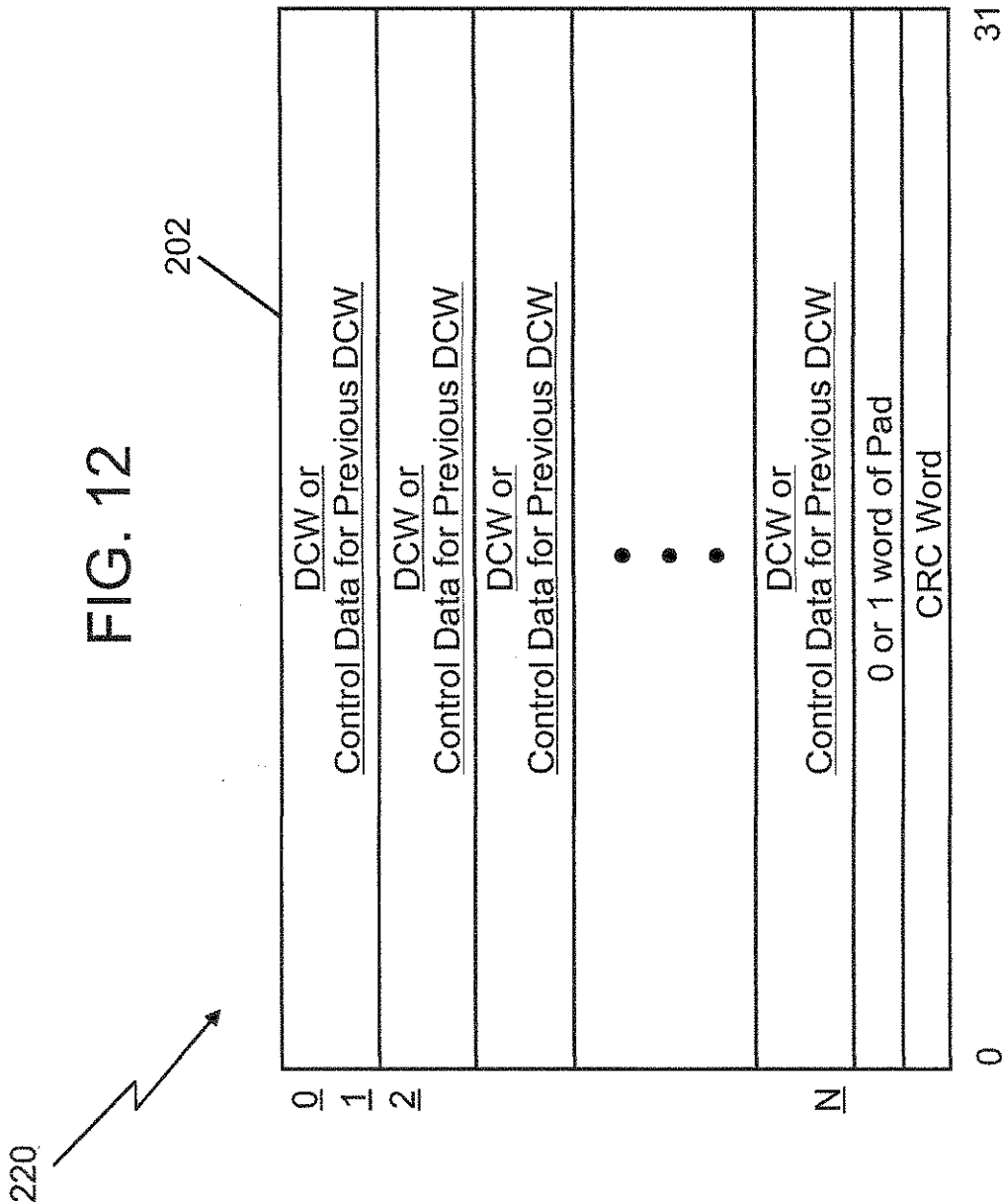
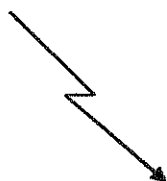
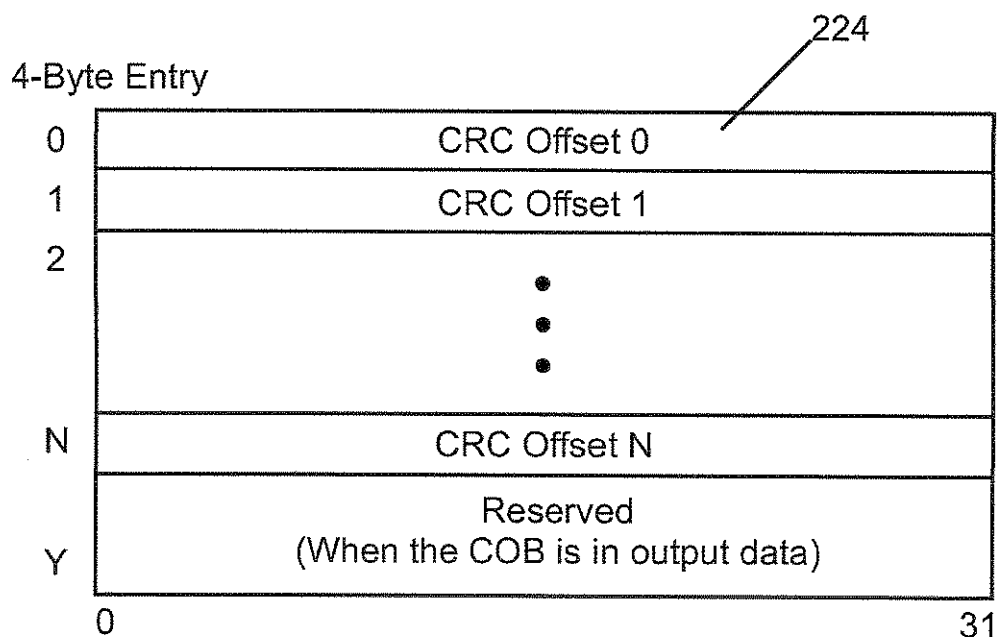


FIG. 13

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The COB has the following format:



Explanation:

- The size of the COB is $4(N+1)$ when the COB is specified in the TCA. (There is no reserved field for this case.)
- The size of the COB is $4(Y+1)$ when the COB is specified in the output data, where Y is an even number that is equal to either N or N+1.

FIG. 14

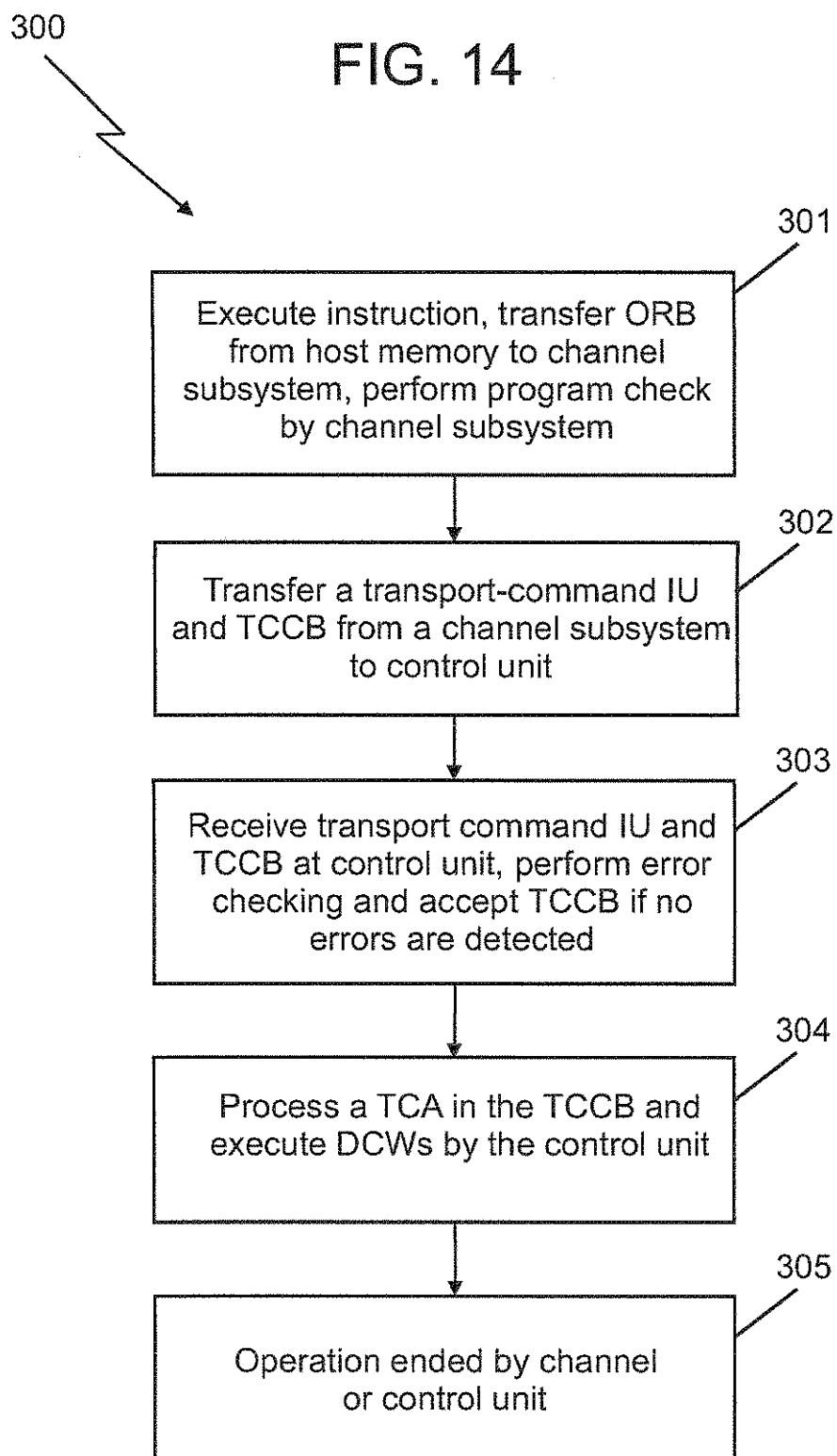


FIG. 15

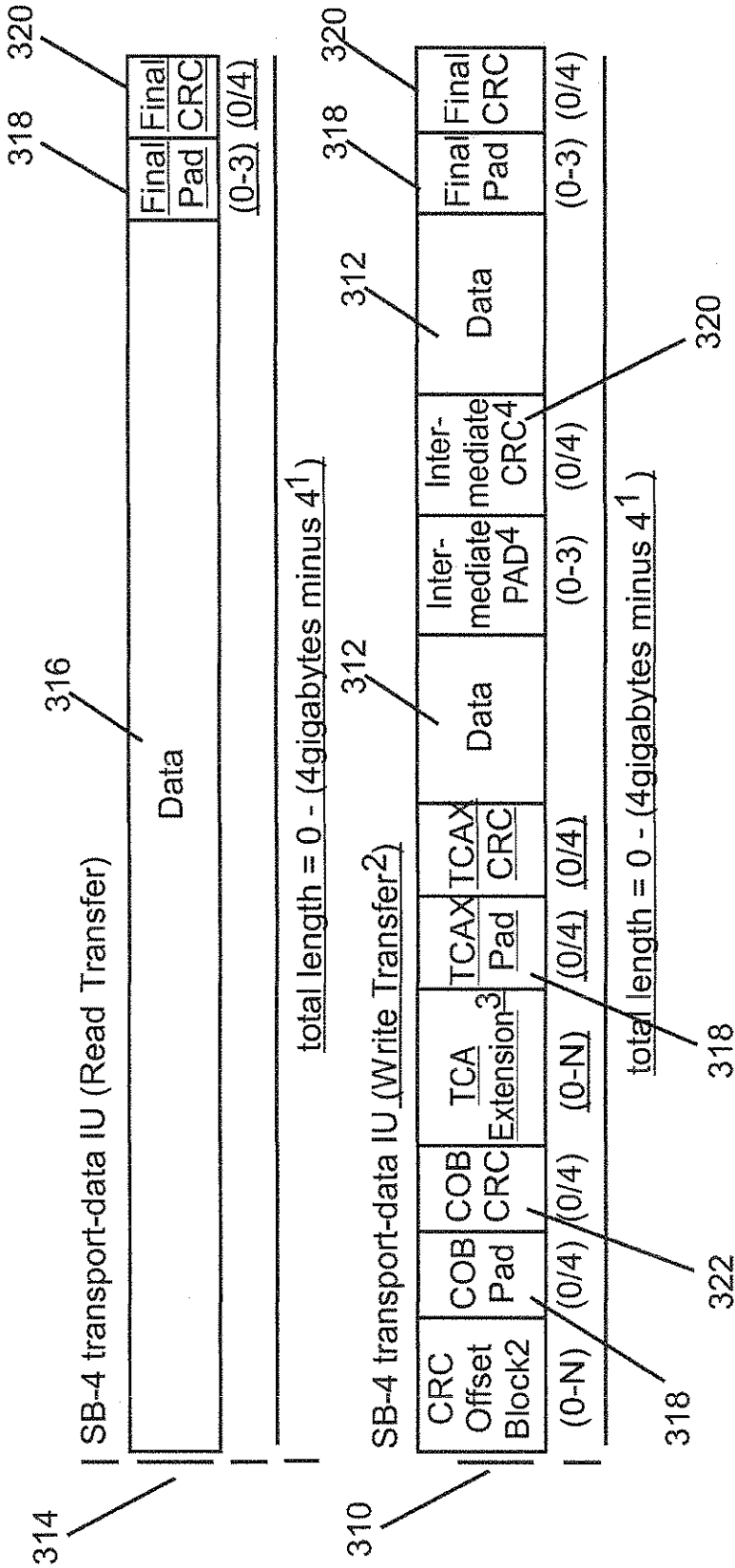


FIG. 16

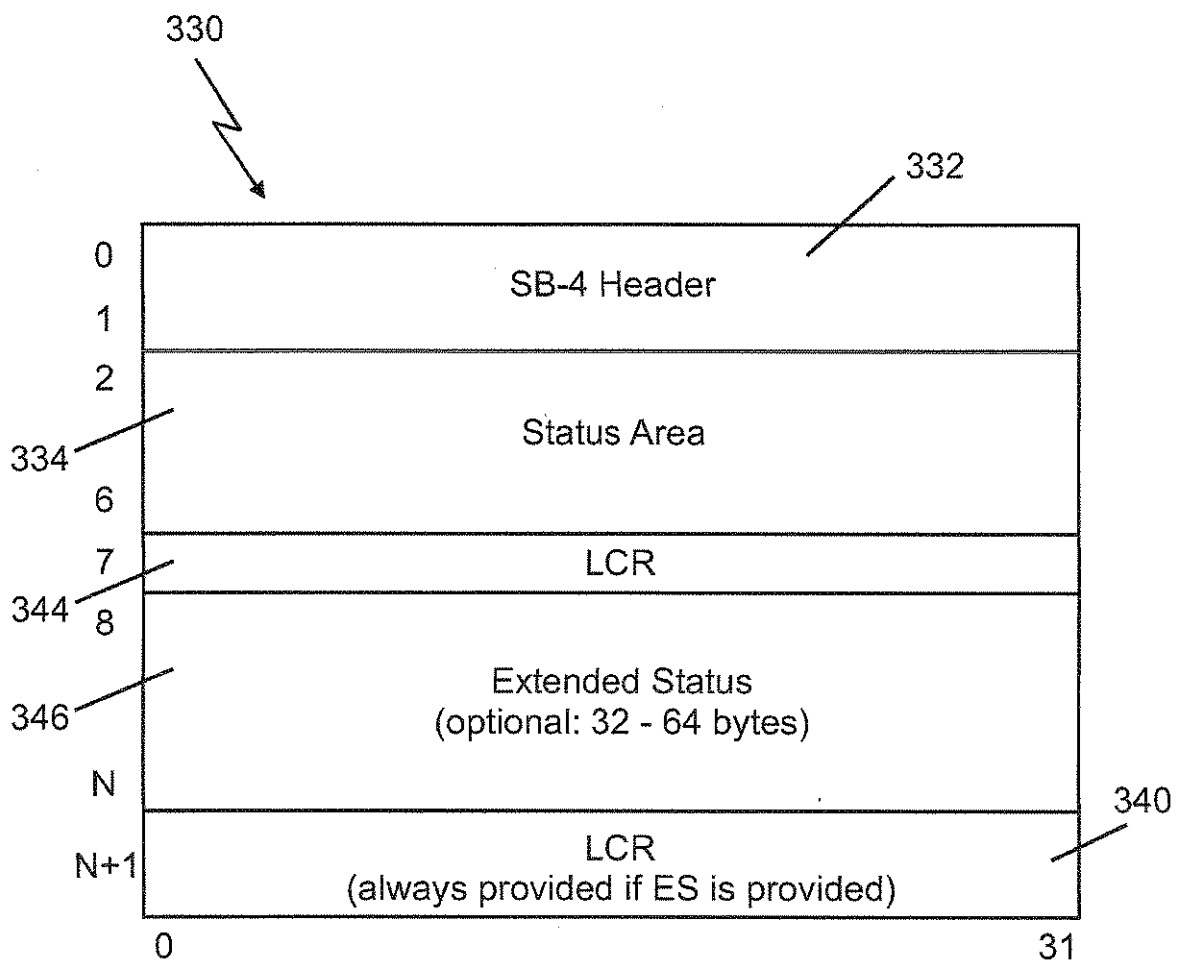
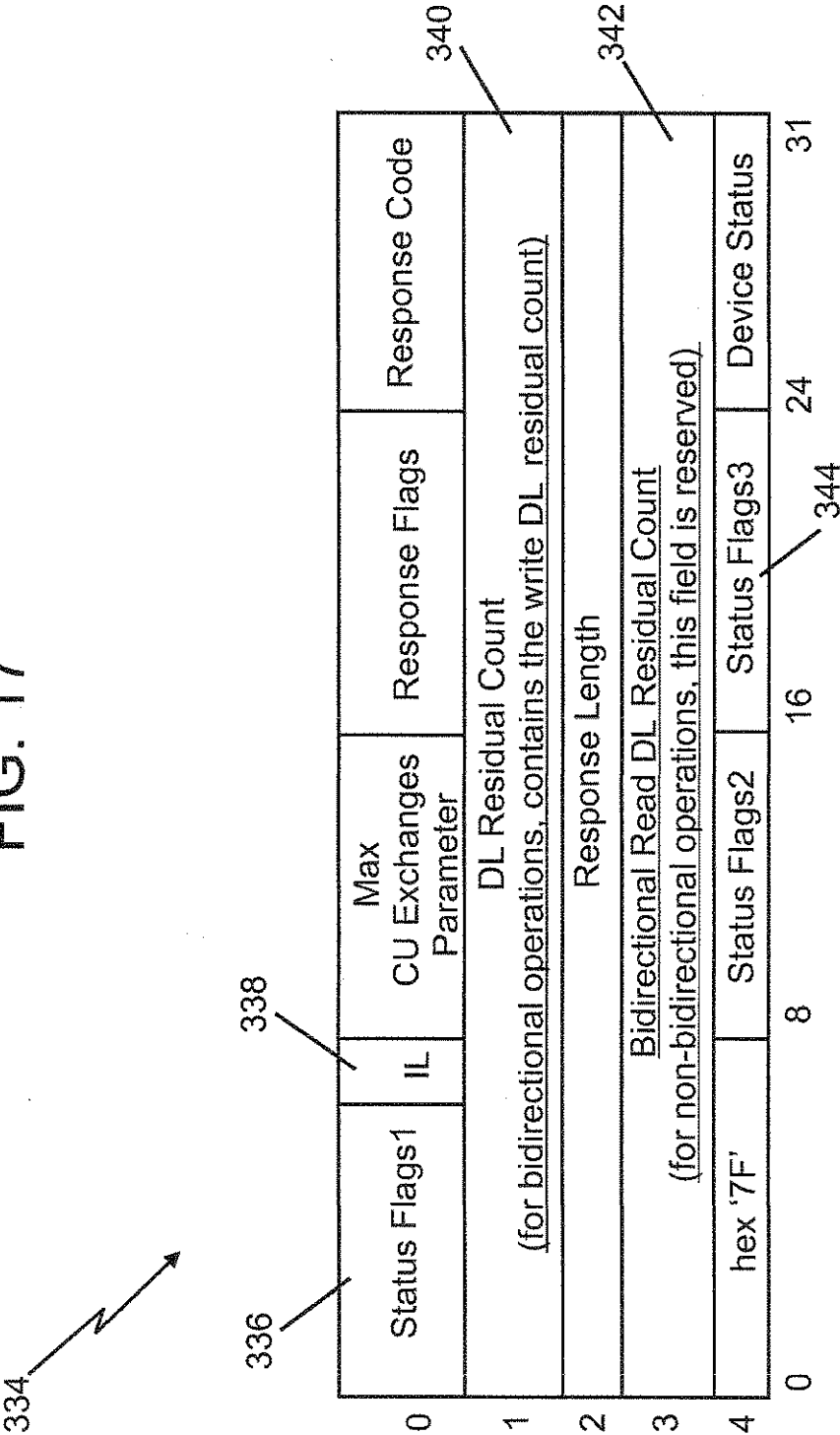


FIG. 17



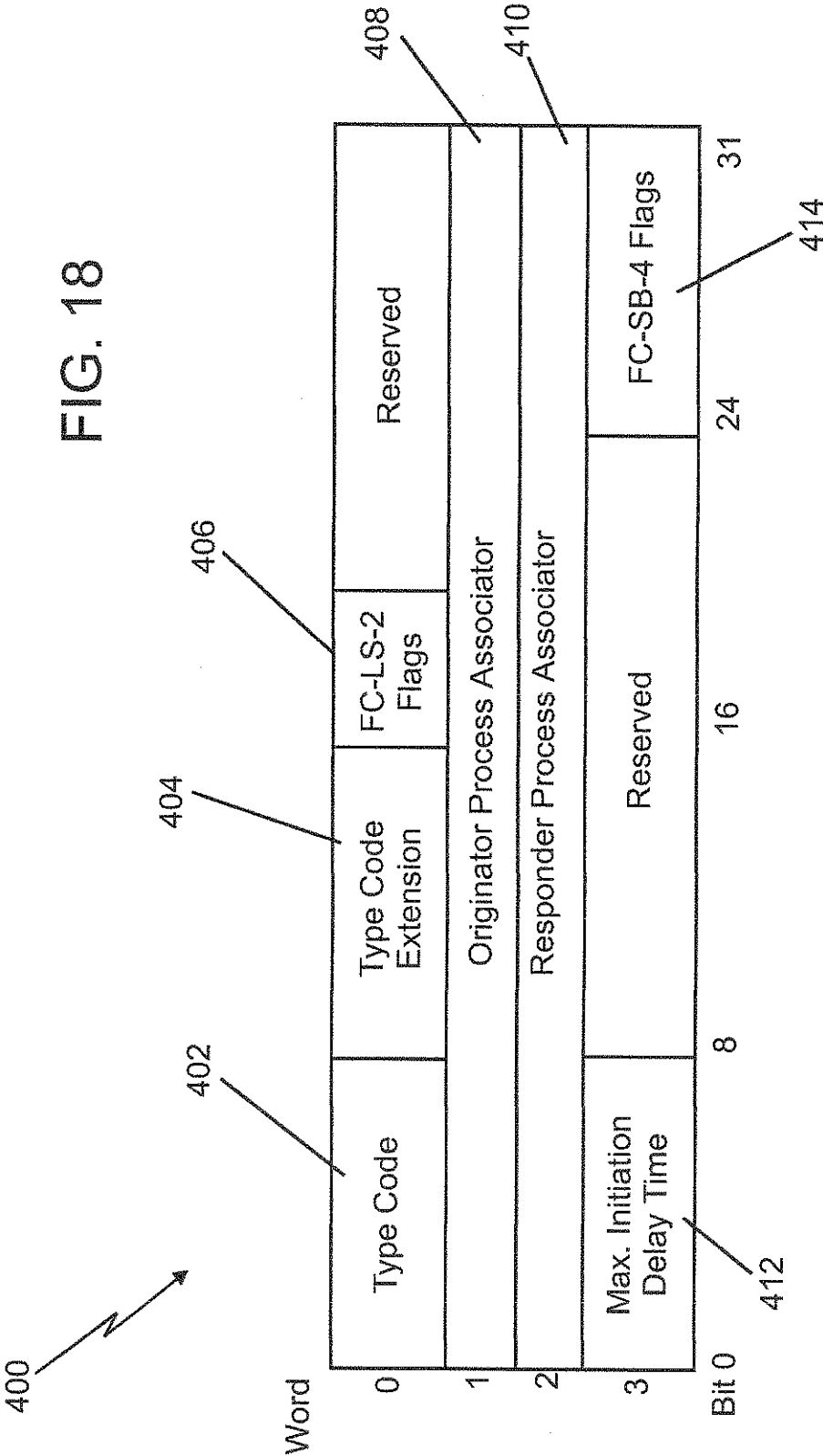


FIG. 19

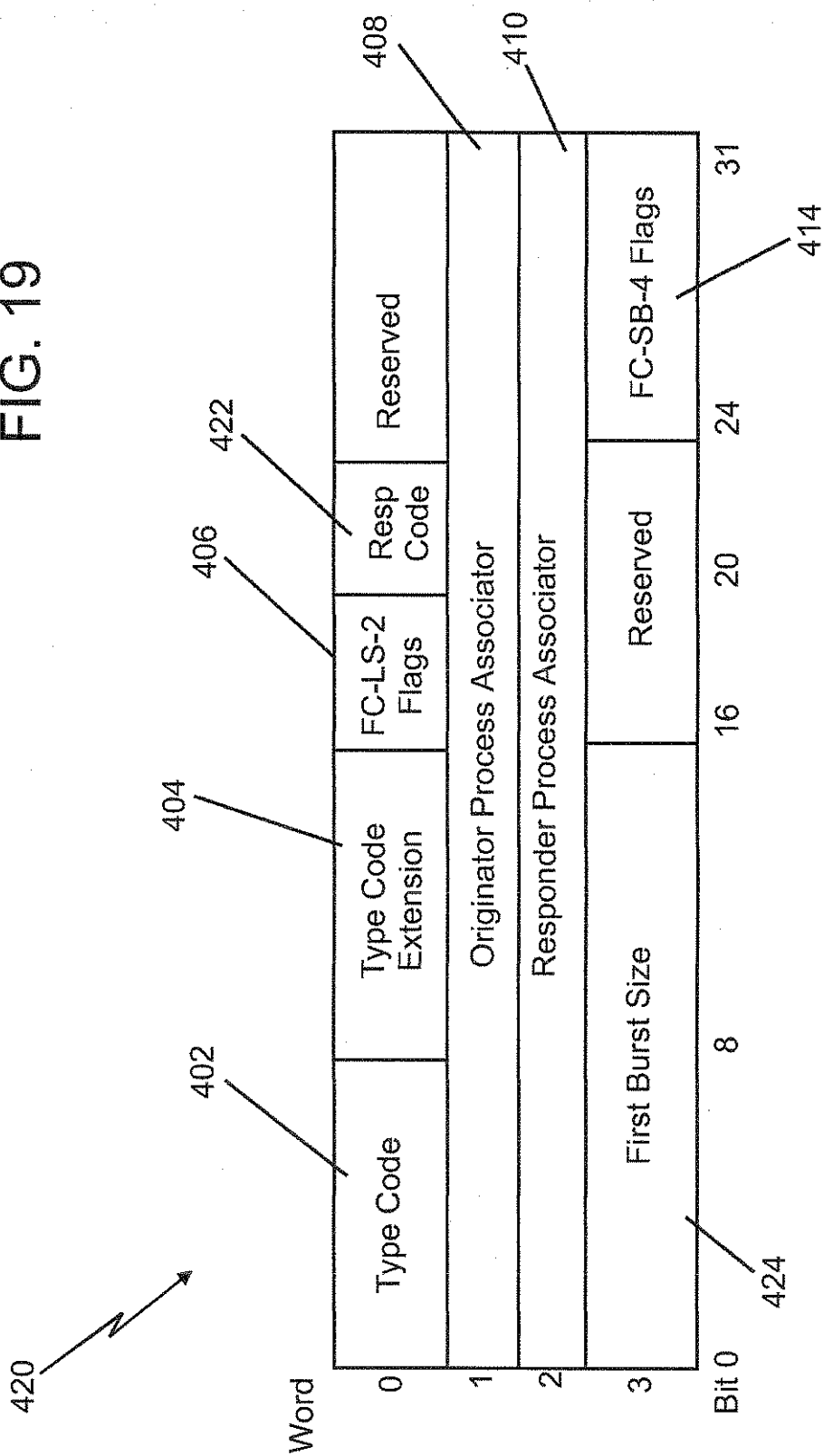


FIG. 20

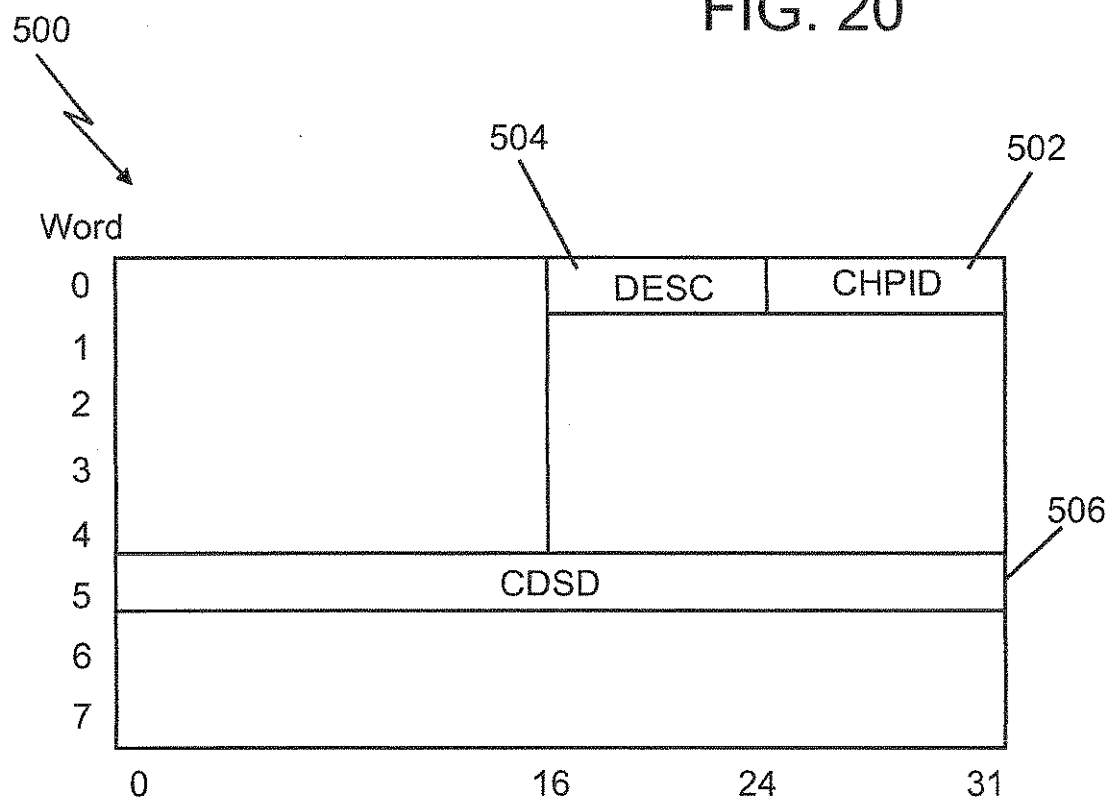


FIG. 21

