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[Continued on next page]

(54) Title: PACKET GENERATION SYSTEMS AND METHODS

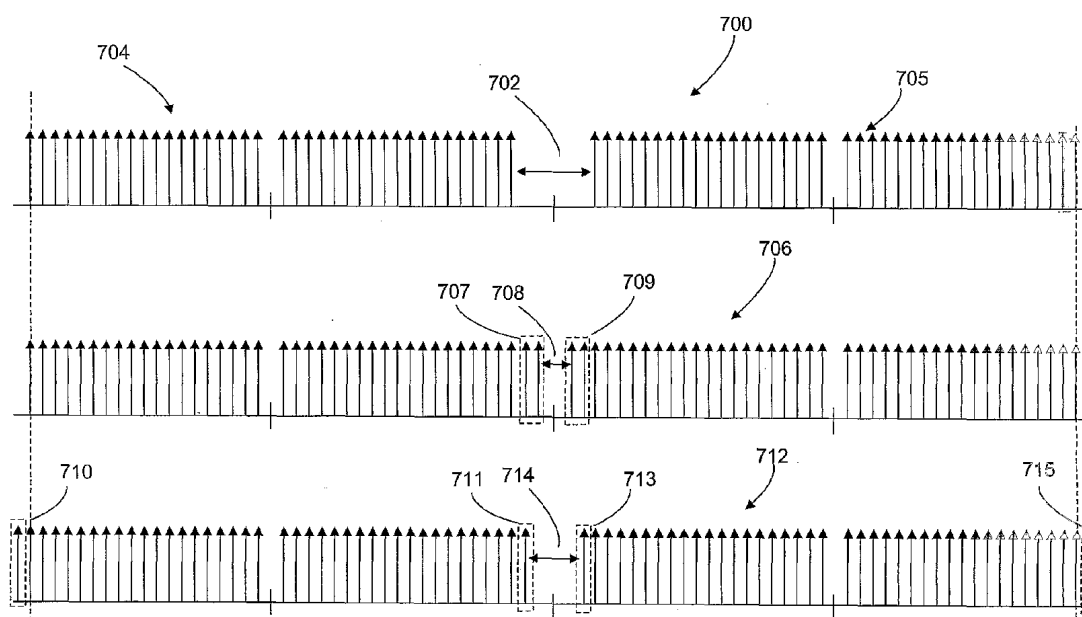


Figure 7

(57) Abstract: Disclosed herein are various embodiments of methods, systems, and apparatus for increasing packet generation in a digital communication system. In one exemplary method embodiment, subcarriers 707, 708 are added to a packet 706 in a wireless local area network transmission to increase the data rate.

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A. CLASSIFICATION OF SUBJECT MATTER

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USPC: 370/206-210,338,445

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

U.S. : 370/206-210,338,445

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 6,904,550 B2 (SIBECAS et al) 07 June 2005 (07.06.2005), column 4, lines 49-67, column 5, lines 1-16.	1-4, 7-10
Y	US 6,754,195 B2 (WEBSTER et al) 22 June 2004, column 6, lines 44-67, column 7, lines 1-9, lines 23-43.	6

☐ Further documents are listed in the continuation of Box C.

☐ See patent family annex.

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