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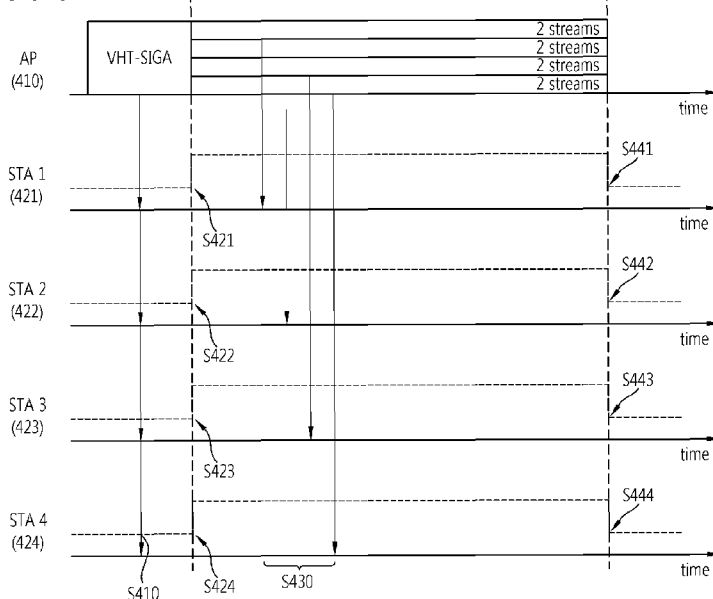
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[Continued on next page]

(54) Title: METHOD OF COMMUNICATION BASED ON CONTROLLING RECEIVE CHAIN IN WIRELESS LOCAL AREA NETWORK AND APPARATUS FOR THE SAME

[Fig. 4]



(57) Abstract: A method of communication based on a receive chain control, performed by a receiver, in a wireless local area network is provided. The method includes: receiving a frame from a transmitter, the frame indicating a multi receive chain operation, activating at least one receive chain, each receive chain processing a received signal transmitted through each spatial stream, and receiving at least one data field from the transmitter through the at least one activated receive chain.

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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)

H04B 7/04; H04B 7/02; H04L 1/02; H04W 72/04; H04L 5/14; H04W 52/02; H04W 84/12

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

Korean utility models and applications for utility models

Japanese utility models and applications for utility models

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

eKOMPASS(KIPO internal) &amp; Keywords: wireless, LAN, receive, chain, activate, power

**C. DOCUMENTS CONSIDERED TO BE RELEVANT**

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X A	US 2010-0284312 A1 (SAMPATH HEMANTH et al.) 11 November 2010 See abstract; paragraph [57]; claims 1-3 and figure 5.	1, 12 2-11
A	US 2010-0074190 A1 (CORDEIRO CARLOS et al.) 25 March 2010 See abstract; claim 1.	1-12
A	US 2006-0120476 A1 (QINGHUA LI et al.) 08 June 2006 See abstract; paragraph [27]; claim 1.	1-12

 Further documents are listed in the continuation of Box C. See patent family annex.

\* Special categories of cited documents:

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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

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