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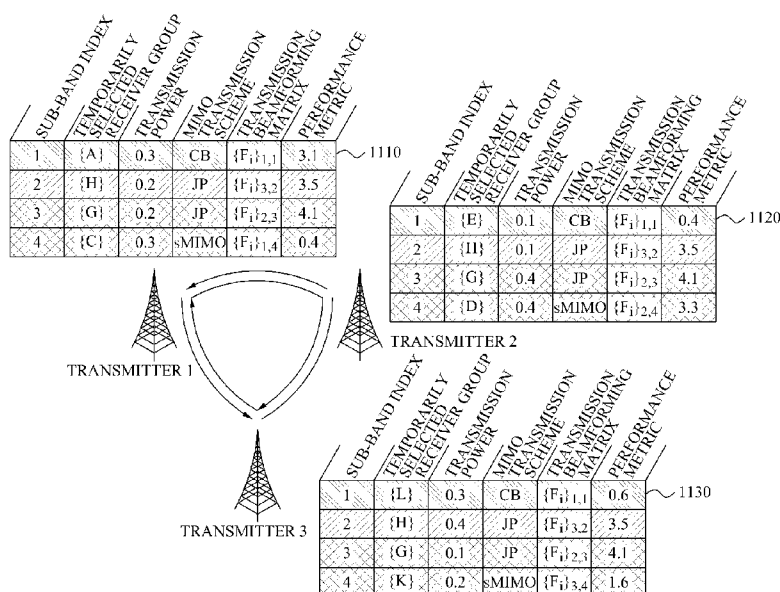
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[Continued on next page]

(54) Title: METHOD AND APPARATUS FOR COORDINATED MULTI-POINT COMMUNICATION FOR EACH SUB-BAND BASED ON LONG-TERM CHANNEL STATE INFORMATION

[Fig. 11]



(57) Abstract: Provided is a coordinated communication method and apparatus that may perform coordinated communication based on long-term channel information, for each sub-band. Base stations may exchange scheduling information of each sub-band with each other to determine a priority among the base stations, and may perform rescheduling for each sub-band based on the determined priority. The base stations may obtain the long-term channel information, and thus may reduce overhead occurring with exchanging of information between a base station and a terminal or between base stations, and may decrease damage due to a delay of channel information associated with a terminal.

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INTERNATIONAL SEARCH REPORT

International application No.
PCT/KR2011/005523**A. CLASSIFICATION OF SUBJECT MATTER****H04B 7/04(2006.01)i**

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; H04W 36/38; H04Q 7/34; H04H 5/00; H04B 15/00; H04W 36/00

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) & Keywords:multi, cell, target, base, band, communication, schedule, information, long, term

C. DOCUMENTS CONSIDERED TO BE RELEVANT

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A	US 2009-0221290 A1 (KANG HYUN-JEONG et al.) 03 September 2009 abstract, paragraphs [0034]-[0048], paragraphs [0108]-[0118], paragraphs [0132]-[0147], claims 1-16, 19, 29, figs. 1-13.	1-24
A	US 2009-0023449 A1 (KIM YOUNGLAK et al.) 22 January 2009 abstract, paragraphs [0009]-[0012], paragraphs [0017]-[0027], paragraphs [0030]-[0038], paragraphs [0040]-[0048], claims 1-24, figs. 1-4.	1-24
A	US 2008-0268833 A1 (HUANG LEPING et al.) 30 October 2008 abstract, paragraphs [0009]-[0011], paragraphs [0022]-[0028], paragraphs [0041]-[0044], paragraphs [0049]-[0069], paragraphs [0074]-[0079], claims 1-7, 20, 21, 27, figs. 1-12.	1-24
A	US 2006-0140412 A1 (LARS VILLEMOES et al.) 29 June 2006 abstract, paragraphs [0014]-[0028], paragraphs [0051]-[0078], paragraphs [0094]-[0100], paragraphs [0121]-[0166], paragraphs [0179]-[0183], claims 1-9, 19, 33-41, figs. 1-16.	1-24



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