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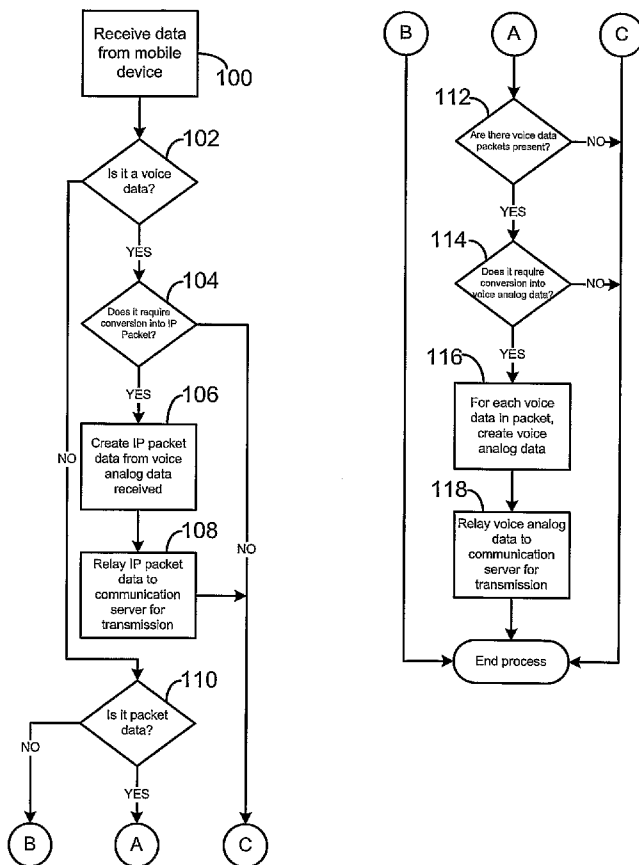
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[Continued on next page]

(54) Title: SYSTEM AND METHOD FOR SIMULTANEOUS VOICE AND DATA CALL OVER WIRELESS INFRASTRUCTURE



(57) Abstract: A system and method for enabling simultaneous voice and data communication over a communication channel having a single pair of allocated Walsh codes in a wireless telecommunication network. A converter server intercepts voice data coming from and going to from mobile telecommunication devices, such as mobile telephones, and converts the voice data into data packets, preferably in an IP Protocol. In transmission, the packets with voice data are then sent to the communication server(s) hosting the communication channel for the mobile device and are carried with non-voice data packets in a single communication channel to other mobile communication devices. In receipt, the voice data packets can be returned to analog voice data at the converter server, or alternately, the mobile device will handle the separation and conversion of the voice data from data packets received.

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**Declarations under Rule 4.17:**

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A. CLASSIFICATION OF SUBJECT MATTER

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B. FIELDS SEARCHED

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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.
Y	US 2004/0174843 A1 (KUBLER et al.) 09 September 2004 (09.09.2004), abstract, par. 11, 21-26, 29, 97, 569-573.	1-29
Y	US 2004/0013109 A1 (VAANANEN et al.) 22 January 2004 (22.01.2004) pages 1-3.	1-29
Y	US 2004/0192320 A1 (KHAWAND et al.) 30 September 2004 (30.09.2004), pages 4-5.	3 and 10

Further documents are listed in the continuation of Box C.

See patent family annex.

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"O" document referring to an oral disclosure, use, exhibition or other means		
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