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(54) Title: VOICE COMMAND FOR COMMUNICATION BETWEEN RELATED DEVICES

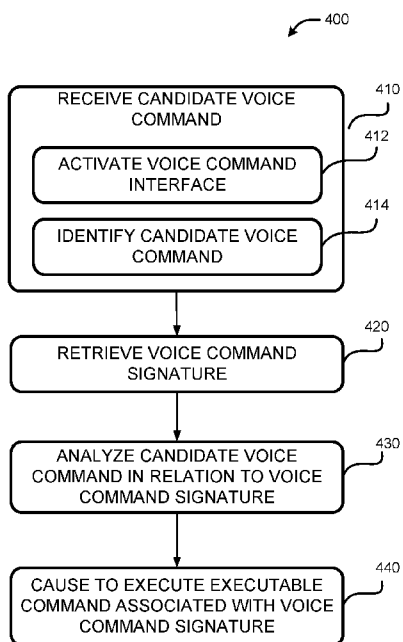


FIG. 4

(57) Abstract: Methods and computing systems for enabling a voice command for communication between related devices are described. A training voice command of a user is processed to generate a voice command signature including a content characteristic and a sound characteristic. When the user wishes to transfer an on-going packet data session from a current device to a related device, the user inputs the same voice command. The voice command will be analyzed with the voice command signature to determine a correspondence before being executed.



## INTERNATIONAL SEARCH REPORT

International application No.  
**PCT/US2017/066304****A. CLASSIFICATION OF SUBJECT MATTER****G10L 15/22(2006.01)i, G06F 3/16(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)

G10L 15/22; G10L 15/04; H04M 1/64; G10L 17/24; H04L 29/08; G10L 15/26; H04W 4/14; H04L 29/06; G10L 21/00; G06F 3/16

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: voice command, signature, voice recognition, inter-device communication, characteristic, training****C. DOCUMENTS CONSIDERED TO BE RELEVANT**

| Category* | Citation of document, with indication, where appropriate, of the relevant passages   | Relevant to claim No. |
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| Y         | US 2015-0187359 A1 (ACK3 BIONETICS PTE LIMITED) 02 July 2015<br>See paragraphs [0041]-[0045], [0061], [0092], [0123]; claim 13; and figure 2.                  | 1-20                  |
| Y         | US 2014-0249817 A1 (RAWLES LLC) 04 September 2014<br>See paragraphs [0009], [0018], [0020], [0025], [0066]-[0072], [0083];<br>claims 1, 9-13; and figures 1-4. | 1-20                  |
| A         | US 2015-0237486 A1 (GARY M. LAUDER) 20 August 2015<br>See paragraphs [0053]-[0054]; and figure 4.  | 1-20                  |
| A         | US 9118669 B2 (MADHAV MOGANTI et al.) 25 August 2015<br>See column 2, line 35 - column 9, line 4; and figures 1-2.   | 1-20                  |
| A         | US 2012-0020466 A1 (MARTIN R.M. DUNSMUIR) 26 January 2012<br>See paragraphs [0068]-[0071]; and figures 1A-2.   | 1-20                  |

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

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"A" document defining the general state of the art which is not considered to be of particular relevance

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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**INTERNATIONAL SEARCH REPORT**

Information on patent family members

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**PCT/US2017/066304**

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