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(71) Applicant (for all designated States except US): **VOICE-BOX TECHNOLOGIES, INC.** [—/US]; 10505 NE 38th Place, Building 9, Kirkland, WA 98033 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **DI CRISTO, Philippe** [FR/US]; 177 107th Avenue, N.E., #1007, Bellevue, WA 98004 (US). **KE, Min** [US/US]; 3221 201st Place, S.E., Bothell, WA 98012 (US). **KENNEWICK, Robert, A.** [US/US]; 2204 S. Eddy Street, Seattle, WA 98108 (US).

(74) Agents: **GATTO, James, G.** et al.; PILLSBURY WINTHROP SHAW PITTMAN LLP, P.O. Box 10500, Mclean, VA 22102 (US).

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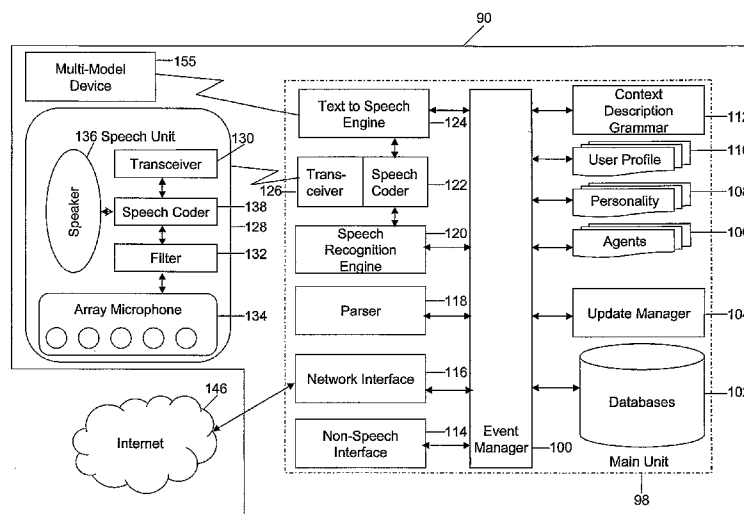
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For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

(54) Title: SYSTEMS AND METHODS FOR RESPONDING TO NATURAL LANGUAGE SPEECH UTTERANCE



(57) Abstract: Systems and methods are provided for receiving speech and non-speech communications of natural language questions and/or commands, transcribing the speech and non-speech communications to textual messages, and executing the questions and/or commands. The invention applies context, prior information, domain knowledge, and user specific profile data to achieve a natural environment for one or more users presenting questions or commands across multiple domains. The systems and methods creates, stores and uses extensive personal profile information for each user, thereby improving the reliability of determining the context of the speech and non-speech communications and presenting the expected results for a particular question or command.

# INTERNATIONAL SEARCH REPORT

International application No.

PCT/US06/30458

## A. CLASSIFICATION OF SUBJECT MATTER

IPC: G10L 21/00( 2006.01);G06F 3/16( 2006.01);G06F 17/30( 2006.01)

USPC: 704/270.1;715/727;707/3

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. : 704/270.1;715/727;707/3

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 --- Y	US 7,137,126 B1 (COFFMAN et al) 14 November 2006 (14.11.2006), column 28 to column 32.	1-8 and 12-29 ----- 9-11
Y	US 2004/0044516 A1 (KENNEWICK et al) 4 March 2004 (04.03.2004), paragraphs 161 to 166.	

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

☐ See patent family annex.

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Name and mailing address of the ISA/US

Mail Stop PCT, Attn: ISA/US  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

Facsimile No. (571) 273-3201

Authorized officer

David Hudspeth

Telephone No. (571) 272-2600