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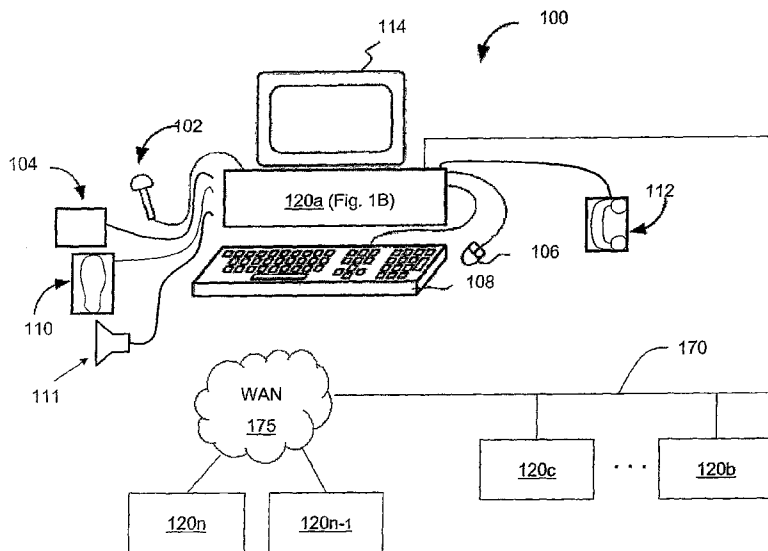
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[Continued on next page]

(54) Title: PROCESSING OF SYNCHRONIZED PATTERN RECOGNITION DATA FOR CREATION OF SHARED SPEAKER-DEPENDENT PROFILE



(57) Abstract: An apparatus for collecting data from a plurality of diverse data sources that generate text, audio, and graphics generated in real-time or recorded, by human or mechanically-generated data, single-speaker or multispeaker, the apparatus comprising: means for dividing input data into one or more data segments that acts separately on data from each of the plurality of diverse data sources, each of the data segments being associated with at least one respective data buffer such that each of the respective data buffers would have the same number of segments given the same data; means for selectively processing data segments within each of the respective data buffers; and means for distributing at least one of the data buffers such that its collected data may be used for further processing.

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**INTERNATIONAL SEARCH REPORT**

International application No.

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**A. CLASSIFICATION OF SUBJECT MATTER**

IPC(8): G10L 21/00 (2007.01)

USPC: 704/278

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)

USPC: 704/278

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

USPC: 704/200; 704/221

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

PubWEST(PGPB,USPT,USOC,EPAB,JPAB), GOOGLE SCHOLAR - terms: speech recognition, editor, dictation, transcription, computer-aided, speaker-dependent, tags, state tying, untying

**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 6,513,003 B1 (ANGELL et al.) 28 January 2003 (28.01.2003), entire document.	1-2, 7-20, 26, 29-30, and 33 ----- 3-6, 21-25, 27-28, 31-32, and 34-38
Y	US 6,122,614 A (KAHN et al.) 19 September 2000 (19.09.2000), entire document.	3-6, 21-22, 24, 27-28 and 31
Y	US 2004/0193420 A1 (KENNEWICK et al.) 30 September 2004 (30.09.2004), [0124]-[0157].	23, 25, and 32
Y	WOODLAND, P. and Young, S., 'The HTK Tied-State Continuous Speech Recogniser.' In Proceedings Eurospeech, pages 2207--2210, 1993, Cambridge University Engineering Department, England, entire document.	34-38

Further documents are listed in the continuation of Box C.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"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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