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(71) Applicant and

(72) Inventor: NIR, Einat, H. [IL/IL]; Komemiut St. 20, 48039 Rosh Ha'ayin (IL).

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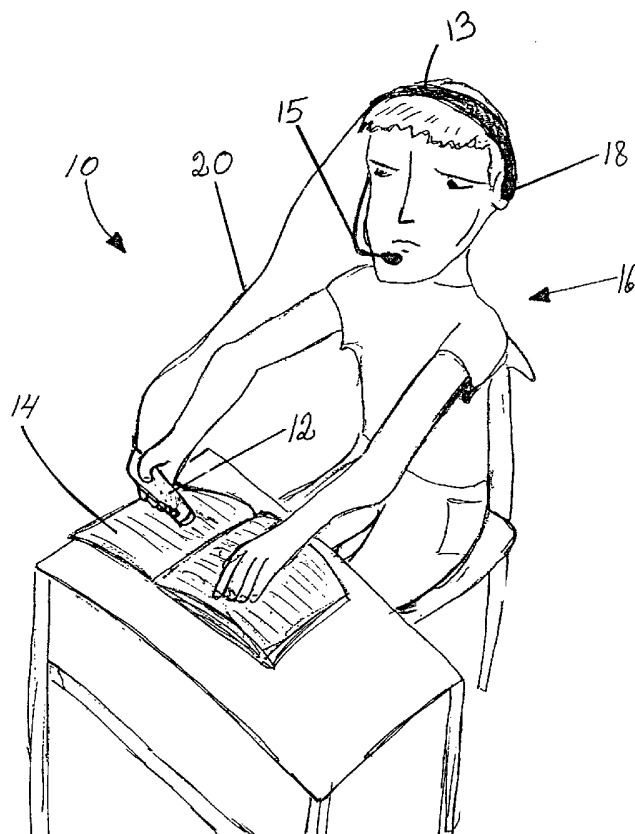
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(54) Title: LANGUAGE-ACQUISITION APPARATUS



(57) Abstract: A stand-alone, hand-held scanning apparatus, which provides a user with a spoken form and an interpretation of the text. The apparatus provides a text-to-speech synthesis of a portion of text followed by an automatic translation to a second language. The automatic translation may be displayed in parallel with the text-to-speech synthesis. Interpretation may include translation of difficult words and phrases, in context, or rephrasing of difficult words and phrases. These may be audible or displayed. This apparatus may also be used for teaching correct pronunciation of a portion of text and synthesizing music.



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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.*

INTERNATIONAL SEARCH REPORT

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<b>A. CLASSIFICATION OF SUBJECT MATTER</b>																				
IPC(7) : G10L 13/00,02.																				
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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)																				
<b>C. DOCUMENTS CONSIDERED TO BE RELEVANT</b>																				
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.																		
X	US 6,208,435 B1 (ZWOLINSKI) 27 March 2001 (27.03.2001), Abstract, Fig. 2.	1-8																		
A	US 6,115,482 A (SEARS et al. ) 05 September 2000 (05.09.2000), all	1,3																		
X	US 6,085,162 A (CHERNY) 04 July 2000 (04.07.2000), Abstract, Figs. 2, 4.	1-8.																		
A	US 5,418,717 A (SU et al ) 23 May 1995 (23.05.1995), Abstract.	1																		
A	US 5,701,497 A (YAMAUCHI et al. ) 23 December 1997 (23.12.1997), Abstract, Fig. 1.	1																		
X,P	US 6,289,304 B1 (GREFENSTETTE) 11 September 2001 (11.09.2001), Abstract, Fig. 1,3.	1-8																		
X	US 6,218,964 A ( ELLIS) 17 April 2001 (17.04.2001), Abstract, Fig. 5,6.	1-8																		
<input type="checkbox"/> Further documents are listed in the continuation of Box C. <input type="checkbox"/> See patent family annex.																				
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