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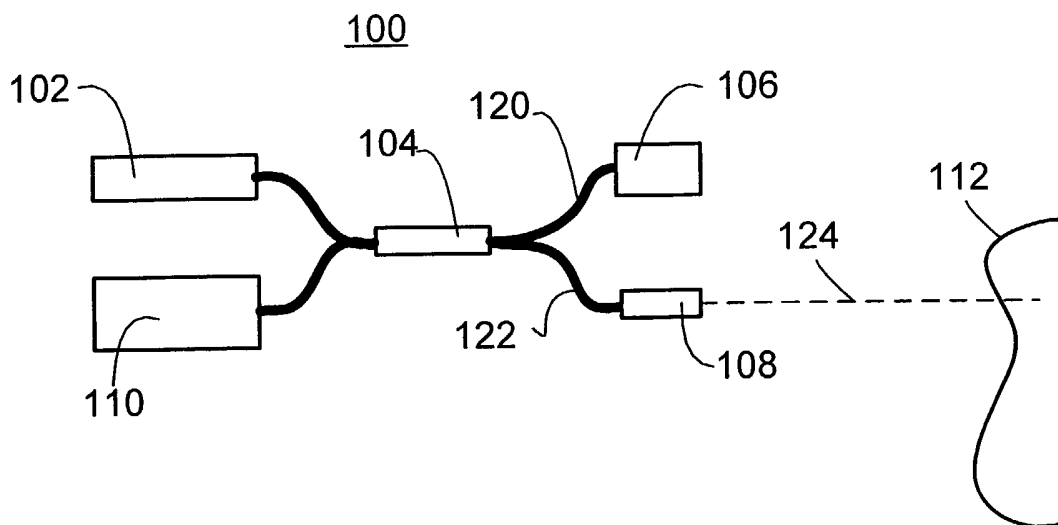
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ance Notes on Codes and Abbreviations" appearing at the begin-
ning of each regular issue of the PCT Gazette.

(54) Title: OPTICAL COHERENCE TOMOGRAPHY IMAGING



(57) Abstract: A digitized image of an object may include representations of portions of the object that are obscured, occluded or otherwise unobservable. The image may be a multi-dimensional visual representation of dentition. Characteristics of the dentition and its surfaces, contours, and shape may be determined and/or analyzed. A light may be directed toward and reflected from the dentition. The reflected light may be combined with a reference to determine characteristics of the dentition, including obscured areas such as subgingival tissue.

INTERNATIONAL SEARCH REPORT

International application No.

PCT/US04/14383

A. CLASSIFICATION OF SUBJECT MATTER

IPC(7) : A61B 5/05

US CL : 600/476

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. : 600/473, 476-478

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)
WEST

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2003/0045798 A1 (HULAR et al) 06 March 2003 (06.03.2003), see paragraphs 0035, 0061, 0064, 0111, 0114 and 0122.	1-20

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Further documents are listed in the continuation of Box C.

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