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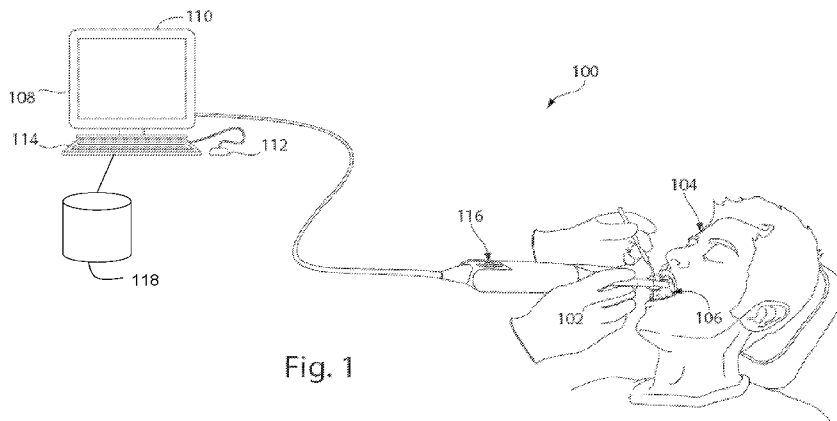


Fig. 1

(57) Abstract: Global path optimization is employed to refine a camera path used to reconstruct a three-dimensional image. In hand-held dental scanning, spatial links can often be made between non-sequential frames of data, such as between separate camera path segments for buccal and lingual tooth surfaces, and these spatial links can be employed to minimize motion estimation parameters in a global optimization process.



WO 2010/077380 A3

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C. DOCUMENTS CONSIDERED TO BE RELEVANT		
Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US 2005/0089214 A1 (Rubbert et al.) 28 April 2005 (28.04.2005), entire document, especially; abstract, para. [0030]-[0035], [0042], [0058]-[0061], [0141], [0155], [0167], [0205]	1 - 31
Y	US 2004/0051783 A1 (Chellappa et al.) 18 March 2004 (18.03.2004), entire document, especially; abstract, para. [0030]-[0032], [0058], [0059], [0097]	1 - 31
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