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### (54) Title: ADJUSTING DENTAL PROSTHESES BASED ON SOFT TISSUE

# FIGURE 12 1265 1266 1261 1262 1299 1260 1267 1271

(57) Abstract: Herein are provided methods, systems, computer-readable media, techniques and processes for adjusting dental prostheses based on soft tissue. These include allowing an operator to define the surface of a dental prosthesis, such as an abutment, that is proximal to the patient's gum relative to a 3D scan of the patient's gums. The operator can define the offset of that surface as well as the limits of that surface.

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## INTERNATIONAL SEARCH REPORT

International application No. PCT/IB2011/002774

### A. CLASSIFICATION OF SUBJECT MATTER

IPC: A61C 13/00 (2006.01), A61C 13/34 (2006.01), A61C 19/04 (2006.01), G06F 19/00 (2011.01)

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)

IPC: A61C 13/00 (2006.01), A61C 13/36 (2006.01), A61C 19/04 (2006.01), G06F 19/00 (2011.01)

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

Electronic database(s) consulted during the international search (name of database(s) and, where practicable, search terms used)
Data Bases: Canadian Patent Database, Total Patent, Cipo-2-West, Epoque. Search Terms: CAD, CAM, soft-tissue, gingev, gum, prothesis, adjust, scan, computer, dental.

### C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
Y	US7762814B2 (VAN DER ZEL) 27 July 2010 (27-07-2010)	1-20
Y	D2 US6217334B1 (IRIS DEVELOPMENT CORPORATION) 17 April 2001 (17-04-2001)	1-20
A	CA2519979A1 (KRAEMER) 22 September 2005 (22-09-2005)	1-20
A	WO2009070469A1 (INNOVATIVE PROPERTIES COMPANY) 4 June 2009 (04-06-2009)	1-20

[ ] F	Further documents are listed in the continuation of Box C.	[X] See patent family annex.		
* "A"	Special categories of cited documents :  document defining the general state of the art which is not considered	"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		
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Information on patent family members

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