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(54) Title: RESTORATIVE DENTAL APPLIANCES

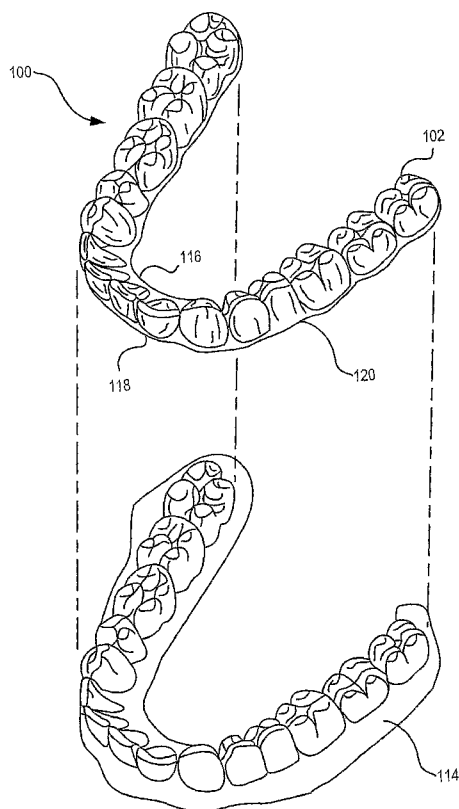


FIG. 1

(57) Abstract: A dental appliance is described herein. In one embodiment, the dental appliance comprises a concave trough conforming to a plurality of teeth when placed over the plurality of teeth. The concave trough is configured to transition from a first shape to a second shape if a deforming force is applied. The concave trough comprises a shape memory material. The shape memory material is configured to restore the concave trough to an approximate first shape upon an application of an external stimulus. The first shape is configured to apply a first force on a tooth when the trough conforms.



GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HR, HU, IE, IS, IT, LT, LU, LV, MC, MK, MT, NL, NO, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

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# INTERNATIONAL SEARCH REPORT

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## A. CLASSIFICATION OF SUBJECT MATTER

INV. A61C7/08

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)  
A61C

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 practical, search terms used)

EPO-Internal

## C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 2006/099544 A1 (LAI MING-LAI [US] ET AL) 11 May 2006 (2006-05-11) paragraphs [0037] - [0039], [0048], [0068], [0075], [0076], [0088], [0089], [0091], [0094], [0095], [0097], [0099], [0120]	1-20
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☐ Further documents are listed in the continuation of Box C.

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# INTERNATIONAL SEARCH REPORT

Information on patent family members

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