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(71) Applicant (for all designated States except US): **ALIGN TECHNOLOGY, INC.** [US/US]; 881 Martin Avenue, San Jose, California 95050 (US).

(72) Inventors; and

(75) Inventors/Applicants (for US only): **ABOLFATHI, Amir** [US/US]; 2150 Stockbridge Avenue, Woodside, California 94062 (US). **ASSELIN, Brian, K.** [US/US]; 15054 Chelsea Drive, San Jose, California 95124 (US). **KUO, Eric** [US/US]; 912 Beach Park Boulevard, #86, Foster City, California 94404 (US). **PHAN, Loc, X.** [US/US]; 3289 Pinkerton Drive, San Jose, California 95148 (US).

(74) Agent: **LIMBACH, Douglas, C.**; GREENBERG TRAU-RIG, LLP, 1900 University Avenue, Fifth Floor, East Palo Alto, California 94303, (US).

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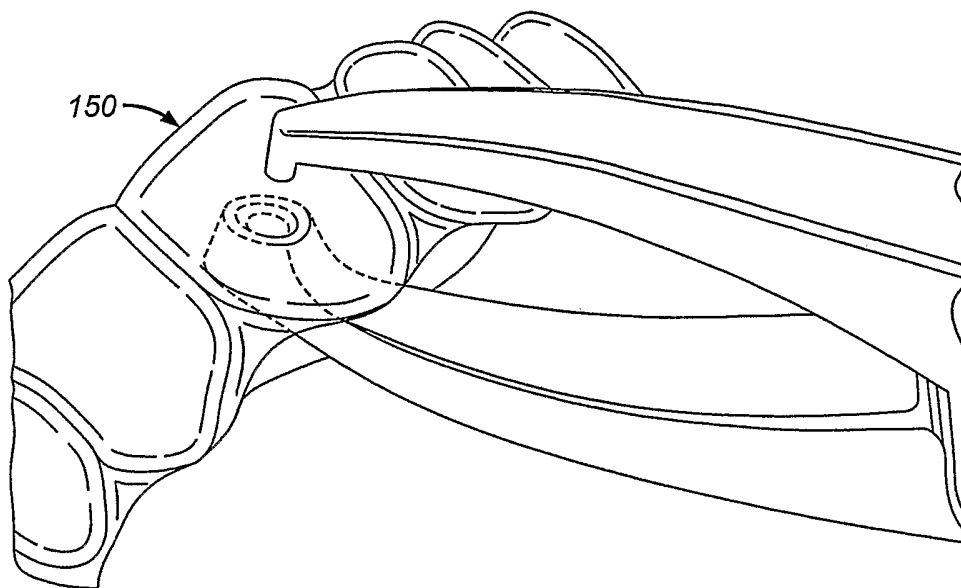
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(54) Title: DENTAL PLIERS FOR FORMING AND REMOVING BUMPS ON APPLIANCES



(57) Abstract: Pliers for forming and removing bumps for the dental appliance without heating are disclosed. The pliers for making the bumps include a first elongated member having a first jaw portion at one end and a handle portion at the other end, the jaw portion having a projection mounted at a distal end of the first jaw portion; and a second elongated member joined to the first elongated member, the second elongated member having a second jaw portion at one end and a second handle portion at the other end, the second jaw portion adapted to receive the projection to create the bump in the dental appliance without heating. The bump can be supplemented with a material such as an adhesive.

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A. CLASSIFICATION OF SUBJECT MATTER
 IPC: **A61C 3/00**(2006.01)

USPC: 433/4
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B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
 U.S. : 433/4,3,158,157,159,6,24

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)

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X ---	US 2003/0219690 A1 (GRAHAM) 27 November 2003 (27,11,2003), see entire document.	1-3,8,12,19-21
Y		4-7,9-11,13,22-31
X ---	US 6,293,790 B1 (HILLIARD) 25 September 2001 (25.09.2001), see entire document.	14-18
Y		28-31
Y	US 6,355,704 B12 (NAKATSUKA et al.) 12 March 2002 (12.03.2002), see entire document.	4-7,9-11,22-27
Y	US 6,702,575 B2 (HILLIARD) 09 March 2004 (09.03.2004), see entire document.	13

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Name and mailing address of the ISA/US Mail Stop PCT, Attn: ISA/US Commissioner for Patents P.O. Box 1450 Alexandria, Virginia 22313-1450 Facsimile No. (571) 273-3201	Authorized officer Melba Bumgarner Telephone No. 703-308-0858