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MG, MK, MN, MW, MX, MY, MZ, NA, NG, NI, NO, NZ,
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[Continued on next page]

- (54) Title: REMOVABLE ORTHODONTIC RETAINER

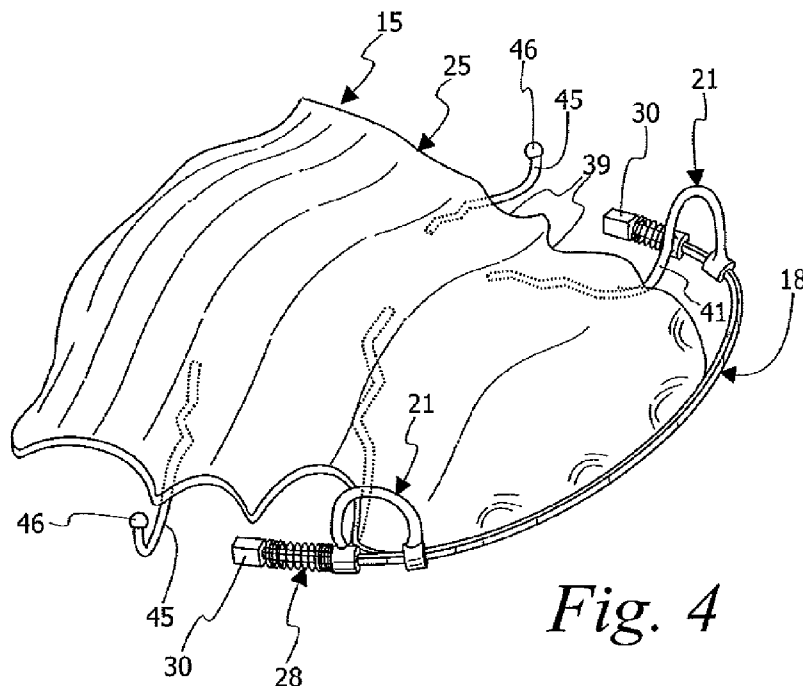


Fig. 4

- (57) Abstract: A removable orthodontic retainer for correction of minor irregularities and to retain the corrected positions of the teeth which includes a labial bow having biasing means that causes the labial bow to be continually active on the anterior teeth.



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INTERNATIONAL SEARCH REPORT

International application No.

PCT/US 14/14206

A. CLASSIFICATION OF SUBJECT MATTER

IPC(8) - A61C 7/08 (2014.01)

CPC - A61C 7/08

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)

IPC(8): A61C 7/08 (2014.01)

CPC: A61C 7/08

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

IPC(8): A61C 7/20 (2014.01); USPC: 433/6, 433/20

CPC: A61C 7/20 (search term limited; see below)

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

PatBase (All); Google (Web, Patents, Scholar)

Search terms: retainer, tray, appliance, resilient*, spring, flex*, bow*, wire*, labial, labial bow*, labial wire*, nickel titanium, crimp*, arch wire, plastic, cover, sheath

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	US 5,607,300 A (TEPPER) 04 March 1997 (04.03.1997), entire document, especially Title, Abstract, Fig 1-5, col 2, ln 64-67, col 5, ln 16-36	1, 2 and 8
Y		3-7 and 9-20
Y	US 5,080,584 A (KARABIN) 14 January 1992 (14.01.1992), entire document, especially Fig 1-2, Abstract, col 1, ln 58-67 and col 3, ln 12-17 and 24-36	3-7, 9-14 and 16-19
Y	US 4,659,310 A (KOTTEMANN) 21 April 1987 (21.04.1987), entire document, especially Fig 1-8, col 2, ln 1-27	3-7, 11-14 and 16-19
Y	US 5,022,855 A (JECKEL) 11 June 1991 (11.06.1991), entire document, especially Fig 1, 4 and 5	5-7, 13-15, 17, 18 and 20
A	US 6,604,943 B2 (WHITE) 12 August 2003 (12.08.2003), entire document	1-20
A	US 2009/0047614 A1 (FATHIANATHAN et al) 19 February 2009 (19.02.2009), entire document	1-20
A	US 2006/0099546 A1 (BERGERSEN) 11 May 2006 (11.05.2006), entire document	1-20
A	US 5,415,542 A (KESLING) 16 May 1995 (16.05.1995), entire document	1-20
A	US 5,536,169 A (YOUSSEFIAN) 16 July 1996 (16.07.1996), entire document	1-20

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Further documents are listed in the continuation of Box C.

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* Special categories of cited documents:

"A" document defining the general state of the art which is not considered to be of particular relevance

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"X" document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone

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"&" document member of the same patent family

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