Abstract:

A user or assistant operated device for elevation and forward thrusting of the jaw for mild to moderate obstructive sleep apnea is disclosed. The device includes a base configured to contact a torso of a wearer, a chin support configured to contact a jaw of the wearer, and a jack extending between the base and the chin support. In this regard, the jack is length adjustable and configured to elevate the chin support relative to the base such that the jaw is thrust forward relative to the torso.
**INTERNATIONAL SEARCH REPORT**

**A  CLASSIFICATION OF SUBJECT MATTER**

<table>
<thead>
<tr>
<th>IPC(8)</th>
<th>Patent Classification (IPC) or to both national classification and IPC</th>
</tr>
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<td>A61 G 15/00 (2008.04)</td>
<td></td>
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**USPC - 128/845**

**B  FIELDS SEARCHED**

Minimum documentation searched (classification system followed by classification symbols)

- US 128/845

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

- US 600/26

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

- PubWest, Google Scholar and Google Patents

- sleep, chin, adjustable, torso, spine, neck, thrusting, forward, device, disorder, brace, jack, jaw, friction clutch, knob

**C  DOCUMENTS CONSIDERED TO BE RELEVANT**

<table>
<thead>
<tr>
<th>Category</th>
<th>Citation of document, with indication, where applicable, of the relevant passages</th>
<th>Relevant to claim</th>
</tr>
</thead>
<tbody>
<tr>
<td>X</td>
<td>US 2005/0247309 A1 (Reddick) 10 November 2005 (10 11 2005) abstract, figs 3a and 3b, para [0006], [0082], [0058] and claim 15</td>
<td>1 and 4-19</td>
</tr>
</tbody>
</table>

**D  Further documents are listed in the continuation of Box C**

- Special categories of cited documents
  - "A" document defining the general state of the art which is not considered to be of particular relevance
  - "E" earlier application or patent but published prior to the international filing date
  - "L" later document published after the international filing date of priority or priority claiming document(s) and not in conflict with the application but cited to understand the state of the art
- "O" document, in particular, to which the claimed invention cannot be considered to be an inventive step when the document is taken alone
- "P" document published prior to the international filing date but later than the priority date claimed

**Date of the actual completion of the international search**

14 June 2008 (14 06 2008)

**Date of mailing of the international search report**

07 JUL 2008

**Name and mailing address of the ISA/US**

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