United States Design Patent

Turley

**ADJUSTABLE AND PORTABLE AMELIORATIVE BACK SUPPORT**

(71) Applicant: BBTN, LLC, Knoxville, TN (US)

(72) Inventor: John L. Turley, Knoxville, TN (US)

(73) Assignee: BBTN, LLC, Knoxville, TN (US)

(**) Term: 14 Years

(21) Appl. No.: 29/523,275

(22) Filed: Apr. 8, 2015

(51) LOC (10) Cl. .............................. 28-03

(52) U.S. Cl. USPC .................................................. D24/215

Field of Classification Search


CPC ............ A61H 2201/0153; A61H 2201/0207; A61H 2201/0263; A61H 2201/0111; A61H 2201/1253; A61H 2205/082; A61H 2205/085; A61H 15/0085; A61H 19/00; A61H 19/30; A61H 19/32; A61H 19/40; A61H 19/44; A61H 19/50

See application file for complete search history.

References Cited

U.S. PATENT DOCUMENTS

718,594 A * 1/1903 Bailey ............. A61H 15/0092 15/201

932,780 A * 8/1909 Hero ............. A61H 15/0092 482/82

(Continued)

OTHER PUBLICATIONS


(Continued)

CLAIM

The ornamental design for an adjustable and portable ameliorative back support, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a first embodiment of an adjustable and portable ameliorative back support in a configuration with some space between two internal, spherical supports.

FIG. 2 is a top view of the first embodiment, showing a spaced-apart configuration where the two internal, spherical supports are spaced apart.

FIG. 3 is a bottom view thereof.

FIG. 4 is a right side view thereof.

FIG. 5 is a left side view thereof.

FIG. 6 is a front view thereof.

FIG. 7 is a back view thereof.

FIG. 8 is a top view of the first embodiment in a spaced-together configuration where the internal, spherical supports are positioned side-by-side.

FIG. 9 is a bottom view thereof.

FIG. 10 is a right side view thereof.

FIG. 11 is a left side view thereof.

FIG. 12 is a front view thereof.

FIG. 13 is a back view thereof.

FIG. 14 is a top view of a second embodiment of an adjustable and portable back support with a backrest stabilizing element that extends from front-to-back of the back support.

FIG. 15 is a bottom view thereof.

FIG. 16 is a right side view thereof.

FIG. 17 is a left side view thereof.

FIG. 18 is a front view thereof.

FIG. 19 is a back view thereof.

FIG. 20 is a top view of a third embodiment of an adjustable and portable back support with multiple internal, spherical supports.

FIG. 21 is a bottom view thereof.

FIG. 22 is a right side view thereof.

FIG. 23 is a left side view thereof.

FIG. 24 is a front view thereof; and,

FIG. 25 is a back view thereof.

The broken lines shown in the drawings are for illustrative purposes only and form no part of the claimed design.

1 Claim, 9 Drawing Sheets
References Cited

U.S. PATENT DOCUMENTS

<table>
<thead>
<tr>
<th>Patent Number</th>
<th>Inventor(s)</th>
<th>Classification</th>
</tr>
</thead>
<tbody>
<tr>
<td>1,702,991</td>
<td>Bechmann</td>
<td>A61H 11/00</td>
</tr>
<tr>
<td>3,636,945</td>
<td>Sato</td>
<td>A61H 23/0263</td>
</tr>
<tr>
<td>4,191,179</td>
<td>Matilla</td>
<td>A61H 15/0092</td>
</tr>
<tr>
<td>4,493,315</td>
<td>Iwahashi</td>
<td>A61H 7/001</td>
</tr>
<tr>
<td>4,796,616</td>
<td>Panahpour</td>
<td></td>
</tr>
<tr>
<td>4,846,159</td>
<td>Anzai et al.</td>
<td></td>
</tr>
<tr>
<td>5,351,666</td>
<td>Huang</td>
<td>A61H 15/0092</td>
</tr>
<tr>
<td>5,545,456</td>
<td>Suida</td>
<td></td>
</tr>
<tr>
<td>5,577,995</td>
<td>Walker et al.</td>
<td></td>
</tr>
<tr>
<td>5,577,996</td>
<td>Gardner et al.</td>
<td></td>
</tr>
<tr>
<td>5,779,652</td>
<td>Mencher-Aliazzo</td>
<td></td>
</tr>
<tr>
<td>5,787,541</td>
<td>Chen</td>
<td></td>
</tr>
<tr>
<td>6,016,427</td>
<td>Pecora</td>
<td>D24/211</td>
</tr>
<tr>
<td>6,007,501</td>
<td>Cabados et al.</td>
<td></td>
</tr>
<tr>
<td>6,024,762</td>
<td>Gray</td>
<td>A47G 9/036</td>
</tr>
<tr>
<td>6,723,031</td>
<td>Wild</td>
<td>A63B 23/20</td>
</tr>
<tr>
<td>7,479,146</td>
<td>Burns</td>
<td>128/842</td>
</tr>
<tr>
<td>6,685,107</td>
<td>Oller, Jr.</td>
<td>6/2013</td>
</tr>
<tr>
<td>6,867,959</td>
<td>Reichmann</td>
<td>D24/215</td>
</tr>
<tr>
<td>7,012,362</td>
<td>Thorne</td>
<td>D24/211</td>
</tr>
<tr>
<td>7,12,029</td>
<td>Tai</td>
<td>D24/141</td>
</tr>
<tr>
<td>7,12,030</td>
<td>Tai</td>
<td>D24/141</td>
</tr>
<tr>
<td>7,12,161</td>
<td>Kuhne</td>
<td>D21/662</td>
</tr>
<tr>
<td>2004/006293</td>
<td>Huang</td>
<td>A61H 15/00</td>
</tr>
<tr>
<td>2008/0103421</td>
<td>Nicholson</td>
<td>A61H 15/0002</td>
</tr>
</tbody>
</table>

OTHER PUBLICATIONS


* cited by examiner