



US0D1089667S

(12) **United States Design Patent** (10) **Patent No.:** **US D1,089,667 S**  
**Wilford** (45) **Date of Patent:** **\*\* Aug. 19, 2025**

(54) **LUMBAR WRAP**

(71) Applicant: **Michael L. Wilford**, Chicago, IL (US)

(72) Inventor: **Michael L. Wilford**, Chicago, IL (US)

(\*\*) Term: **15 Years**

(21) Appl. No.: **29/918,927**

(22) Filed: **Nov. 30, 2023**

(51) **LOC (15) Cl.** ..... **24-04**

(52) **U.S. Cl.**  
USPC ..... **D24/190**

(58) **Field of Classification Search**

USPC ..... D24/155, 188, 189, 190, 191, 192, 200,  
D24/206, 209

CPC ..... A61F 5/0111; A61F 5/0127; A61F  
2005/0137; A61F 2005/0165; A61F  
13/066; A61F 2005/0172; A61F 5/012;  
A61F 2007/0044; A61F 2/66; A61F  
2/6607; A61F 5/028; A61F 2/44; A61F  
5/30; A61F 2230/0004; A61F  
2002/30143; A61F 2002/30153; A61F  
5/026; A61F 5/03; A61F 5/0193; A61F  
2007/004; A61F 5/0102; A61F 7/00;  
A61F 13/06; A61F 2005/0183; A61F  
2007/0228; A61F 13/14; A61F 5/02;  
A62B 35/0006; A62B 35/0018; A62B  
35/0025; A62B 35/0037; A63B 71/1225;  
A63B 2071/1241; A63B 21/4011; A63B  
5/00; A63B 71/12; A63B 21/00185

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

4,225,989 A	10/1980	Corbett et al.	
D278,657 S *	4/1985	Nakao	D2/702
4,765,338 A	8/1988	Turner et al.	
5,169,384 A	12/1992	Bosniak et al.	
5,228,431 A	7/1993	Giarretto	
5,342,411 A	8/1994	Maxted et al.	

5,437,610 A	8/1995	Cariapa et al.
5,466,250 A	11/1995	Johnson, Jr. et al.
5,584,798 A	12/1996	Fox
5,603,728 A	2/1997	Pachys
5,733,321 A	3/1998	Brink
5,865,841 A	2/1999	Kolen et al.
5,894,615 A	4/1999	Alexander
5,925,010 A	7/1999	Caprio, Jr.
5,950,234 A	9/1999	Leong et al.

(Continued)

**FOREIGN PATENT DOCUMENTS**

CN	304360184	* 11/2017
CN	308693320	* 6/2024

(Continued)

**OTHER PUBLICATIONS**

“Oramuon: Lower Back Massager.” Found online Jan. 30, 2025 at  
amazon.com. Reference dated Oct. 11, 2024. Retrieved from [https://  
www.amazon.com/dp/B0DJW3RYJ4/](https://www.amazon.com/dp/B0DJW3RYJ4/) \*

(Continued)

*Primary Examiner* — Kendra Leslie Hamilton

*Assistant Examiner* — Elizabeth S Struble

(74) *Attorney, Agent, or Firm* — Aronberg Goldgehn  
Davis & Garmisa

(57) **CLAIM**

The ornamental design for a lumbar wrap as shown and  
described.

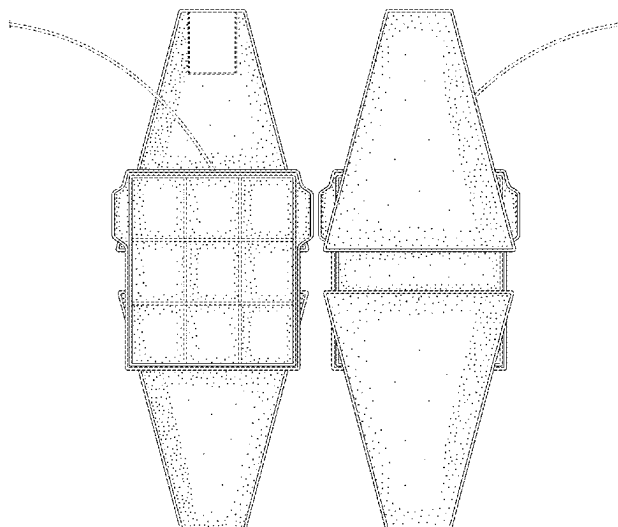
**DESCRIPTION**

FIG. 1 is a plan view of a first side of a lumbar wrap showing  
the ornamental design; and,

FIG. 2 is plan view of a second side of a lumbar wrap  
showing the ornamental design.

The features shown in broken lines in the foregoing draw-  
ings depict elements of the lumbar wrap that form no part of  
the claimed design.

**1 Claim, 2 Drawing Sheets**



(56)

**References Cited****U.S. PATENT DOCUMENTS**

5,989,285 A 11/1999 DeVilbiss et al.  
 6,080,120 A 6/2000 Sandman et al.  
 6,126,680 A 10/2000 Wass  
 6,178,562 B1 1/2001 Elkins  
 6,183,501 B1 2/2001 Latham  
 6,277,143 B1 8/2001 Klatz et al.  
 6,290,662 B1 9/2001 Morris et al.  
 6,312,453 B1 11/2001 Stefanile et al.  
 6,352,550 B1 3/2002 Gildersleeve  
 6,440,093 B1 8/2002 McEwen et al.  
 6,530,941 B1 3/2003 Muller et al.  
 6,551,347 B1 4/2003 Elkins  
 6,610,084 B1 8/2003 Torres  
 6,736,787 B1 5/2004 McEwen et al.  
 D496,108 S \* 9/2004 Machin ..... D24/190  
 7,198,093 B1 4/2007 Elkins  
 7,207,959 B1 4/2007 Chandran  
 7,211,104 B2 5/2007 Edelman  
 7,354,410 B2 4/2008 Perry et al.  
 7,396,345 B2 7/2008 Knighton et al.  
 7,442,175 B2 10/2008 Meyer et al.  
 7,896,910 B2 3/2011 Schirmacher et al.  
 8,460,224 B2 6/2013 Wilford  
 8,979,915 B2 3/2015 Wilford  
 9,101,463 B2 8/2015 Stormby  
 9,132,057 B2 9/2015 Wilford et al.  
 9,510,994 B2 12/2016 Wilford  
 9,931,240 B2 4/2018 Wilford  
 9,962,285 B2 5/2018 Wilford  
 D881,404 S \* 4/2020 Wang ..... D29/101.3  
 10,806,627 B2 10/2020 Wilford  
 D937,427 S \* 11/2021 Li ..... D24/190  
 D966,530 S \* 10/2022 Aroh ..... D24/190  
 D1,013,182 S \* 1/2024 Xu ..... D24/190  
 D1,013,184 S \* 1/2024 Wellendorf ..... D24/190  
 D1,016,306 S \* 2/2024 Song ..... D24/190  
 D1,028,256 S \* 5/2024 Jiang ..... D24/190  
 D1,041,120 S \* 9/2024 Hu ..... D2/702  
 2002/0058976 A1 5/2002 Lee  
 2004/0249427 A1 12/2004 Nabili  
 2005/0070828 A1 3/2005 Hampson et al.  
 2005/0107855 A1 5/2005 Lennox et al.

2005/0143797 A1 6/2005 Parish et al.  
 2008/0058911 A1 3/2008 Parish et al.  
 2008/0228248 A1 9/2008 Guyuron et al.  
 2009/0069731 A1 3/2009 Parish et al.  
 2010/0210982 A1 8/2010 Balachandran et al.  
 2010/0268140 A1 \* 10/2010 Berlese ..... A61F 5/028  
 602/19  
 2012/0130457 A1 5/2012 Gammons et al.  
 2012/0172774 A1 7/2012 Lowe et al.  
 2013/0138185 A1 5/2013 Paxman et al.  
 2014/0046410 A1 2/2014 Wyatt  
 2014/0188023 A1 \* 7/2014 Modglin ..... A61F 5/028  
 602/19  
 2015/0065933 A1 \* 3/2015 Josefek ..... A61F 5/028  
 602/12  
 2016/0317348 A1 11/2016 Banker  
 2017/0239082 A1 8/2017 Unver et al.  
 2018/0005571 A1 1/2018 Song  
 2020/0046597 A1 2/2020 Quisenberry et al.  
 2021/0052419 A1 2/2021 Wilford

**FOREIGN PATENT DOCUMENTS**

CN 308902539 \* 10/2024  
 GB 2417423 3/2006  
 JP 2005042261 2/2005  
 WO WO-01/62193 8/2001

**OTHER PUBLICATIONS**

“Lumbowrap: The Plus Size Hip & Lower Back Wrap for Arthritis.” Found online Jan. 30, 2025 at amazon.com. Reference dated Dec. 11, 2024. Retrieved from [https://www.amazon.com/Lumbowrap®-People-Easier-Further-Periods/dp/B0DPLK43QW?th=1.\\*](https://www.amazon.com/Lumbowrap®-People-Easier-Further-Periods/dp/B0DPLK43QW?th=1.*)  
 “Savior Heat: Heating Pad.” Found online Jan. 30, 2025 at amazon.com. Reference dated Aug. 6, 2021. Retrieved from [https://www.amazon.com/Heating-Massager-Vibration-Massage-Abdominal/dp/B09BYK9TWN?th=1.\\*](https://www.amazon.com/Heating-Massager-Vibration-Massage-Abdominal/dp/B09BYK9TWN?th=1.*)  
 “Beluga: BelugaBasic & BelugaPro 3.0.” Found online Jan. 30, 2025 at amazon.com. Reference dated Jan. 30, 2021. Retrieved from [https://us.amazon.com/BelugaPRO-BelugaMAX-Compatible-Back-Lumbar/dp/B08VH1PTS7?th=1.\\*](https://us.amazon.com/BelugaPRO-BelugaMAX-Compatible-Back-Lumbar/dp/B08VH1PTS7?th=1.*)

\* cited by examiner

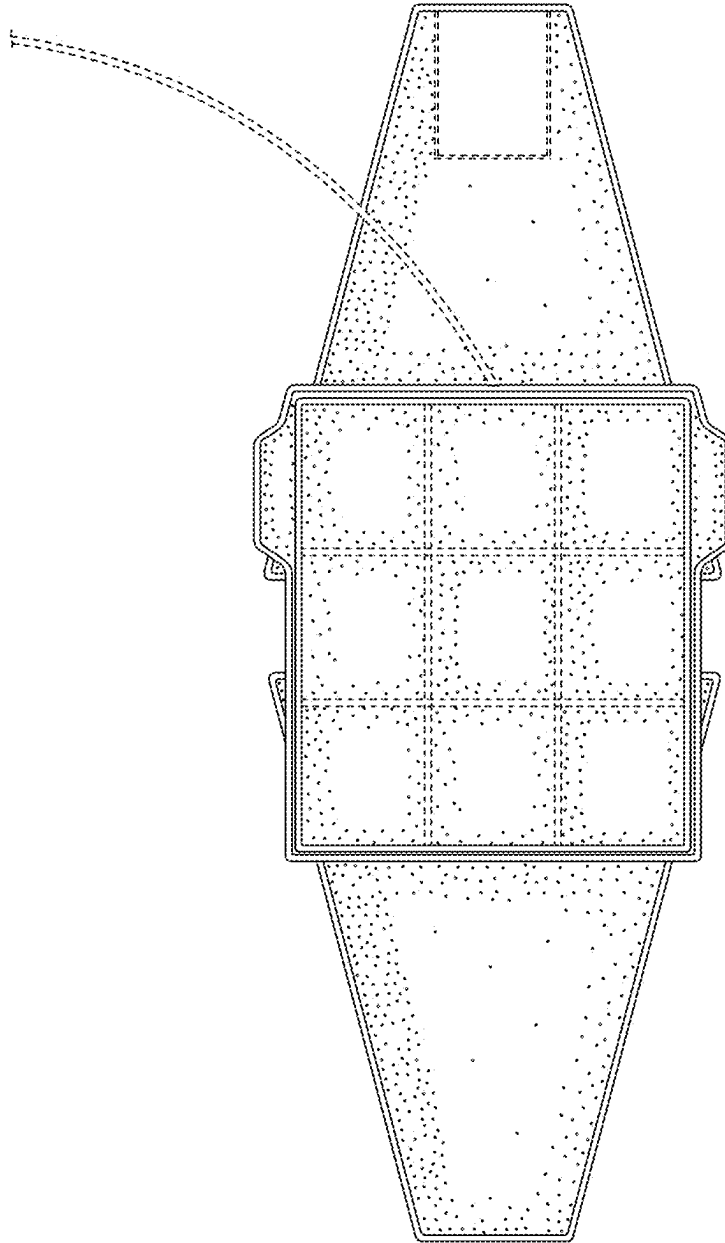


FIG. 1

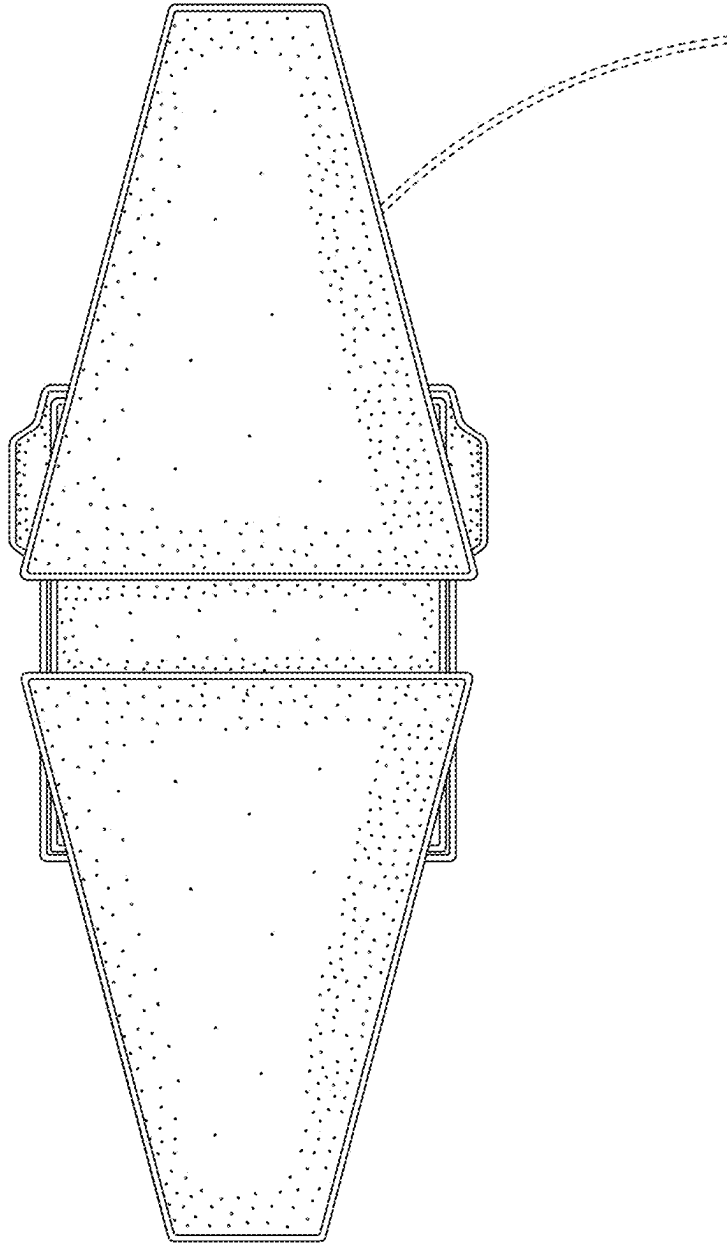


FIG. 2