# The United States of America



Has received an application for a patent for a new and useful invention. The title and description of the invention are enclosed. The requirements of law have been complied with, and it has been determined that a patent on the invention shall be granted under the law.

Therefore, this

# **United States Patent**

*Grants to the person(s) having title to this* patent the right to exclude others from making, using, offering for sale, or selling the invention throughout the United States of America or importing the invention into the United States of America, and if the invention is a process, of the right to exclude others from using, offering for sale or selling throughout the United States of America, or importing into the United States of America, products made by that process, for the term set forth in 35 U.S.C. 154(a)(2)or (c)(1), subject to the payment of maintenance fees as provided by 35 U.S.C. 41(b). See the Maintenance Fee Notice on the inside of the cover.

Joseph Matat

Performing the Functions and Duties of the
Under Secretary of Commerce for Intellectual Property and

Director of the United States Patent and Trademark Office

# MAINTENANCE FEE NOTICE

If the application for this patent was filed on or after December 12, 1980, maintenance fees are due three years and six months, seven years and six months, and eleven years and six months after the date of this grant, or within a grace period of six months thereafter upon payment of a surcharge as provided by law. The amount, number and timing of the maintenance fees required may be changed by law or regulation. Unless payment of the applicable maintenance fee is received in the United States Patent and Trademark Office on or before the date the fee is due or within a grace period of six months thereafter, the patent will expire as of the end of such grace period.

# PATENT TERM NOTICE

If the application for this patent was filed on or after June 8, 1995, the term of this patent begins on the date on which this patent issues and ends twenty years from the filing date of the application or, if the application contains a specific reference to an earlier filed application or applications under 35 U.S.C. 120, 121, 365(c), or 386(c), twenty years from the filing date of the earliest such application ("the twenty-year term"), subject to the payment of maintenance fees as provided by 35 U.S.C. 41(b), and any extension as provided by 35 U.S.C. 154(b) or 156 or any disclaimer under 35 U.S.C. 253.

If this application was filed prior to June 8, 1995, the term of this patent begins on the date on which this patent issues and ends on the later of seventeen years from the date of the grant of this patent or the twenty-year term set forth above for patents resulting from applications filed on or after June 8, 1995, subject to the payment of maintenance fees as provided by 35 U.S.C. 41(b) and any extension as provided by 35 U.S.C. 156 or any disclaimer under 35 U.S.C. 253.



S009795529B2

# (12) United States Patent Lehtio

(10) **Patent No.:** 

US 9,795,529 B2

(45) Date of Patent:

Oct. 24, 2017

### (54) TRANSFER COVER

(71) Applicant: **MEDIMATTRESS OY**, Helsinki (FI)

(72) Inventor: Juha Lehtio, Espoo (FI)

(73) Assignee: **MEDIMATTRESS OY**, Helsinki (FI)

(\*) Notice: Subject to any disclaimer, the term of this patent is extended or adjusted under 35 U.S.C. 154(b) by 0 days.

(21) Appl. No.: 14/362,459

(22) PCT Filed: Dec. 7, 2012

(86) PCT No.: **PCT/FI2012/051219** § 371 (c)(1),

(2) Date: **Jun. 3, 2014** 

(87) PCT Pub. No.: WO2013/083881 PCT Pub. Date: Jun. 13, 2013

(65) **Prior Publication Data** 

US 2014/0325754 A1 Nov. 6, 2014

(30) Foreign Application Priority Data

Dec. 8, 2011 (FI) ...... 20116244 U

(51) **Int. Cl. A61G 7/10** (2006.01)

(52) U.S. CI. CPC ....... *A61G 7/1051* (2013.01); *A61G 7/1026* (2013.01)

(58) Field of Classification Search

CPC . A47C 27/0002; A47C 27/005; A47C 27/007; A47C 27/008; A61G 1/01; A61G 7/1025; A61G 7/1026; A61G 7/1051

See application file for complete search history.

## (56) References Cited

### U.S. PATENT DOCUMENTS

	3,829,914	Α	*	8/1974	Treat A47C 21/00
1					5/495
	4,961,982	A	*	10/1990	Taylor A61F 5/485
					112/475.08
	5,615,425	A		4/1997	Corente
	5,787,523	A	*	8/1998	Lindberg A47G 9/0238
					5/484
	6,012,183	A	*	1/2000	Brooke A61G 7/1026
					5/81.1 C

(Continued)

### FOREIGN PATENT DOCUMENTS

0800806 10/1997 8909 10/2010 (Continued)

OTHER PUBLICATIONS

International Search Report dated Mar. 26, 2013, corresponding to PCT/Fl2012/051219.

(Continued)

Primary Examiner — Nicholas Polito
(74) Attorney, Agent, or Firm — Young & Thompson

### (57) ABSTRACT

EP

FI

An appliance for working with patients, includes an essentially sheet-like basic structure and includes as a combination a layer (1) lying against the base, which slides well in one direction and poorly in another, a support layer (2) permitting lifting, and a moisture-absorbent layer (4), which is equipped with a protective layer (3) impermeable to moisture. It also includes handle parts (7) permitting gripping, on at least two sides.

### 8 Claims, 1 Drawing Sheet



