



US00D746481S

(12) **United States Design Patent**  
**Nishioka**

(10) **Patent No.:** **US D746,481 S**

(45) **Date of Patent:** **\*\* Dec. 29, 2015**

(54) **PERSONAL WARMING APPARATUS**

(71) Applicant: **Kobayashi Pharmaceutical Co., Ltd.**,  
Osaka-shi, Osaka (JP)

(72) Inventor: **Daisuke Nishioka**, Sanda (JP)

(73) Assignee: **Kobayashi Pharmaceutical Co., Ltd.**  
(JP)

(\*\*) Term: **14 Years**

(21) Appl. No.: **29/475,921**

(22) Filed: **Dec. 9, 2013**

(30) **Foreign Application Priority Data**

Jun. 27, 2013 (JP) ..... 2013-014599

(51) **LOC (10) Cl.** ..... **24-04**

(52) **U.S. Cl.**  
USPC ..... **D24/206**

(58) **Field of Classification Search**

USPC ..... D24/206–208, 189–192; 607/96, 104,  
607/108, 109–112, 114; D6/608, 609;  
219/528, 529; 128/95.1, 100.1, 101.1,  
128/876; 602/1–7, 17–27, 61–66, 74;  
606/204, 27; 126/204; 601/15, DIG. 1,  
601/DIG. 2, DIG. 15; 604/104; 383/62, 78,  
383/81–83, 89; D29/101.2, 101.5, 120.1,  
D29/121.1, 108, 121.2, 122; D3/327;  
D9/707

CPC ..... A61F 7/103; A61F 2007/0249; A61F  
2007/0098

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D272,754 S \* 2/1984 Brewer ..... D21/791  
D344,978 S \* 3/1994 Monzyk ..... D19/149  
5,483,714 A \* 1/1996 Casassa ..... 5/655  
5,518,009 A \* 5/1996 Ruiz-Gonzalez ..... 128/869  
D389,244 S \* 1/1998 Dunshee et al. .... D24/189  
D391,639 S \* 3/1998 Dunshee et al. .... D24/189

D402,371 S \* 12/1998 Haynes et al. .... D24/189  
D413,389 S \* 8/1999 Owen, Jr. .... D24/206  
D420,449 S \* 2/2000 Schifrin et al. .... D24/200  
D455,213 S \* 4/2002 Weaver et al. .... D24/190  
D514,703 S \* 2/2006 Palomino, Jr. .... D24/189  
D516,730 S \* 3/2006 Anduss ..... D24/189  
D520,639 S \* 5/2006 Dodd et al. .... D24/189  
D584,415 S \* 1/2009 Sachi ..... D24/189  
D627,074 S \* 11/2010 Ray ..... D24/192  
D627,106 S \* 11/2010 Comin ..... D28/91.2  
D646,789 S \* 10/2011 Barth ..... D24/189  
D663,021 S \* 7/2012 Wilborn et al. .... D24/128  
D678,520 S \* 3/2013 Marcoe ..... D24/128  
D697,216 S \* 1/2014 Chan et al. .... D24/189

(Continued)

**FOREIGN PATENT DOCUMENTS**

JP 1026775 12/1998  
JP 1085587 9/2000  
JP 1086226 9/2000  
JP 1086624 9/2000  
JP 1086625 9/2000  
JP 1086626 9/2000  
JP 1086627 9/2000  
JP 1118245 8/2001  
JP 1198190 2/2004  
JP 1198383 2/2004  
JP 1271752 5/2006  
JP 1277638 7/2006

*Primary Examiner* — David Muller

*Assistant Examiner* — Nathan Johnston

(74) *Attorney, Agent, or Firm* — Saidman DesignLaw  
Group, LLC

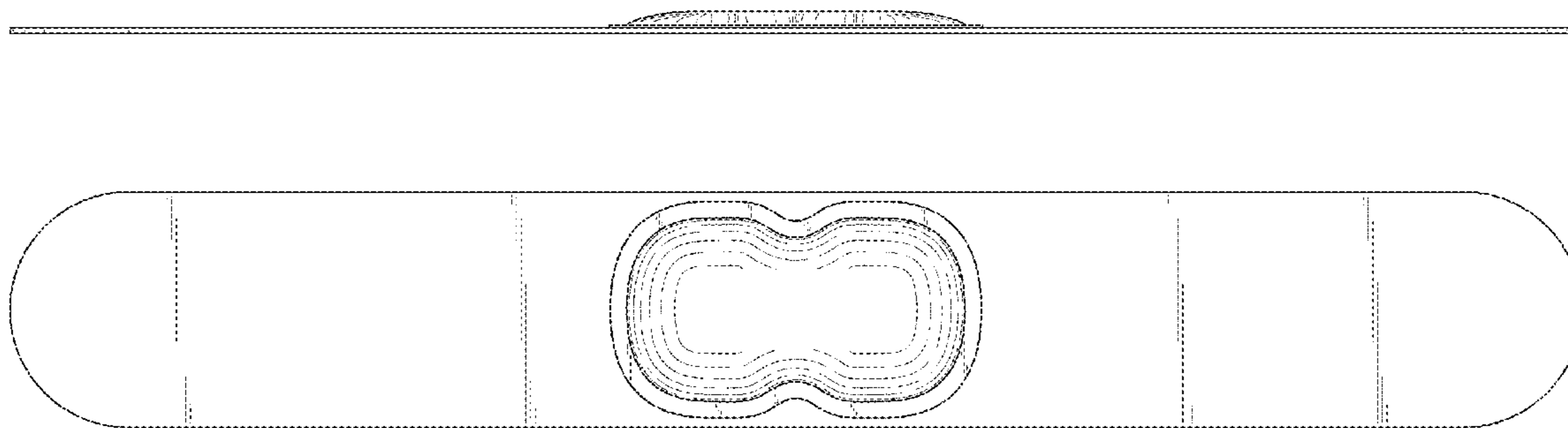
(57) **CLAIM**

The ornamental design for a personal warming apparatus, as  
shown and described.

**DESCRIPTION**

FIG. 1 is a front elevation view of a personal warming appa-  
ratus showing my new design; the rear view being identical;  
FIG. 2 is a top plan view thereof;  
FIG. 3 is a bottom plan view thereof; and,  
FIG. 4 is a right side elevation view thereof; the left side  
elevation being identical.  
The relatively thin shade lines on the surface portions indicate  
contour and not surface decoration.

**1 Claim, 2 Drawing Sheets**



# US D746,481 S

Page 2

---

(56)

## References Cited

### U.S. PATENT DOCUMENTS

D706,429 S *	6/2014	Julian et al. ....	D24/190	
D712,045 S *	8/2014	Thornton .....	D24/189	
D713,534 S *	9/2014	Manley, Jr. ....	D24/189	* cited by examiner
D728,803 S *	5/2015	Sinda et al. ....	D24/189	
D732,830 S *	6/2015	Papas .....	D3/327	
2002/0082537 A1 *	6/2002	MacAllister .....	602/4	

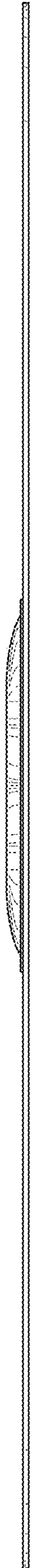


Fig. 1

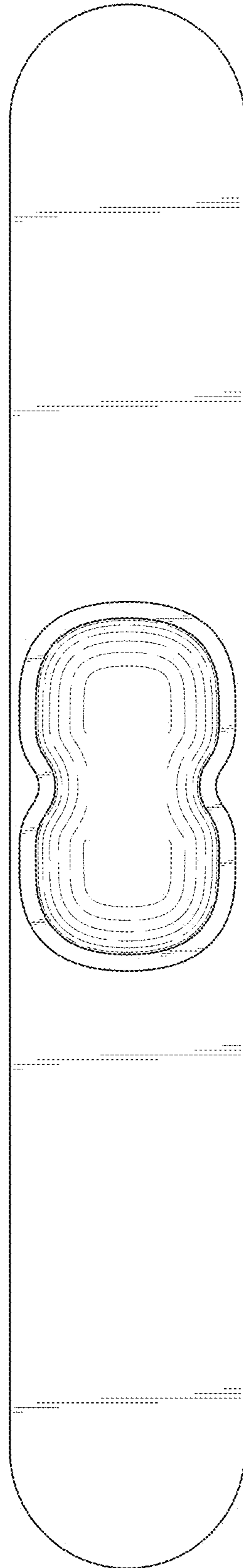


Fig. 2

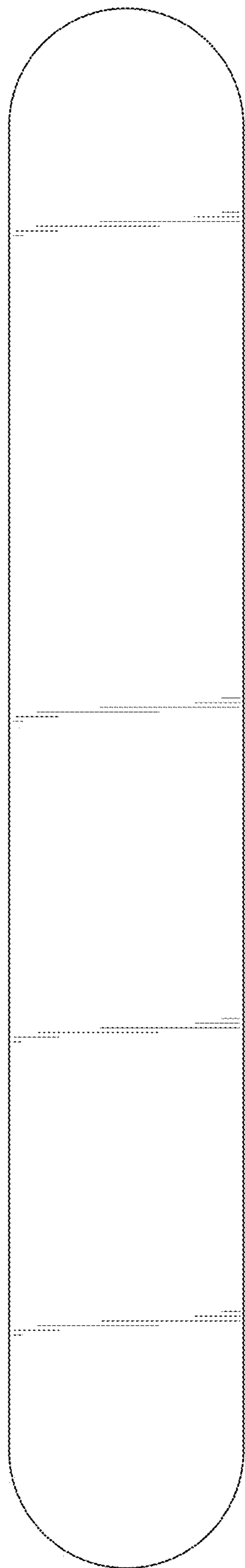


Fig. 3



Fig. 4