US00D622391S

(12) United States Design Patent

Shibata et al.

(10) Patent No.: US D622,391 S
(45) Date of Patent: ** Aug. 24, 2010

(54) **SPHYGMOMANOMETER**

(75) Inventors: **Fumie Shibata**, Tokyo (JP); **Yuki Shibata**, Tokyo (JP); **Tadashi Koike**, Kyoto (JP); **Tomohiro Kukita**, Kyoto (JP); **Masataka Yanagase**, Osaka (JP); **Yukiko Mitsunami**, Otsu (JP)

(73) Assignee: **Omron Healthcare Co., Ltd.**, Kyoto (JP)

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

(21) Appl. No.: **29/344,018**

(22) Filed: **Sep. 22, 2009**

Related U.S. Application Data

(62) Division of application No. 29/318,599, filed on May 22, 2008, now Pat. No. Des. 609,812.

(30) **Foreign Application Priority Data**

Nov. 30, 2007 (JP) 2007-032943
Nov. 30, 2007 (JP) 2007-032944
Nov. 30, 2007 (JP) 2007-032945
Nov. 30, 2007 (JP) 2007-032946
Nov. 30, 2007 (JP) 2007-032947

(51) **LOC (9) Cl.** **24-02**
(52) **U.S. Cl.** **D24/165**
(58) **Field of Classification Search** D24/165–168, D24/186; D10/98; 600/301, 481, 483, 485, 600/490, 493–495, 500, 501, 503; 128/900
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,935,984 A 2/1976 Lichowsky et al.
D244,235 S 5/1977 Lichowsky
4,058,117 A 11/1977 Kaspari et al.
D254,629 S 4/1980 Yen
D290,876 S 7/1987 Arduini et al.
D321,562 S 11/1991 Ljungvall

(Continued)

FOREIGN PATENT DOCUMENTS

JP 1140559 5/2002

(Continued)

OTHER PUBLICATIONS

RD 000223979 0001-0006, Sphygmometers, Nov. 30, 2004.

(Continued)

Primary Examiner—T. Chase Nelson
Assistant Examiner—Anhdao Doan
(74) *Attorney, Agent, or Firm*—Capitol City TechLaw

(57) **CLAIM**

The ornamental design for a sphygmomanometer, as shown and described.

DESCRIPTION

FIG. **1** is a front perspective view of a sphygmomanometer showing our new design;

FIG. **2** is a front elevational view thereof;

FIG. **3** is a rear elevational view thereof;

FIG. **4** is a top plan view thereof;

FIG. **5** is a bottom plan view thereof;

FIG. **6** is a right side elevational view thereof, the left side being a mirror image thereof;

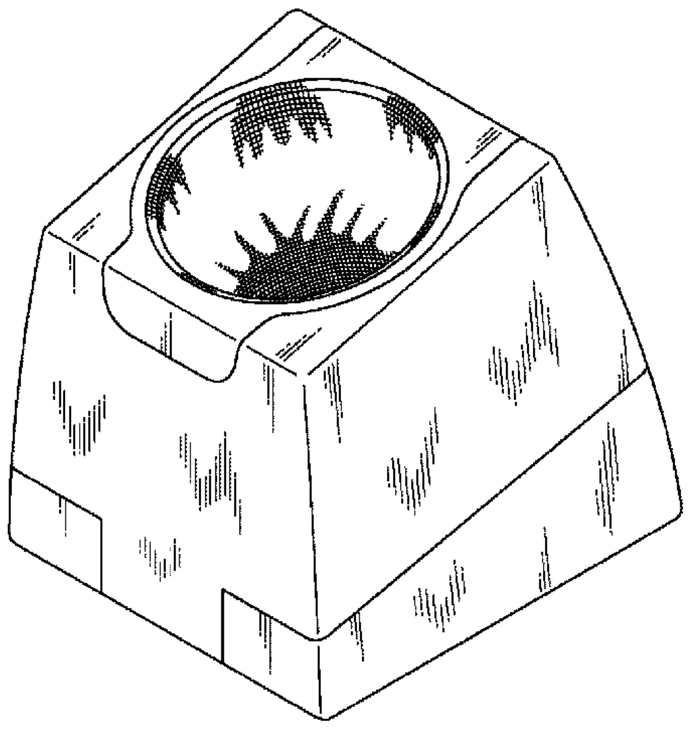
FIG. **7** is a front perspective view thereof with an armband shown in an opened position; and,

FIG. **8** is a right side elevational view thereof with the armband shown in an opened position.

The broken lines in the drawing views are included for the purpose of illustrating portions of the sphygmomanometer that form no part of the claimed design.

The net shading appearing in FIGS. **1**, **2**, **4** and **7** represents fabric and is understood to extend uniformly throughout the area represented.

1 Claim, 6 Drawing Sheets



U.S. PATENT DOCUMENTS

D341,658	S	11/1993	Kojima	
5,511,551	A	4/1996	Sano et al.	
D438,970	S *	3/2001	TerMeer et al.	D24/165
6,213,953	B1	4/2001	Reeves	
D445,504	S *	7/2001	Deaton et al.	D24/165
D445,900	S *	7/2001	Nalbandian et al.	D24/165
D447,568	S	9/2001	Hall et al.	
D475,137	S *	5/2003	Manke et al.	D24/165
6,714,814	B2	3/2004	Yamada et al.	
D489,113	S	4/2004	Peterson	
6,726,633	B2	4/2004	Kitagawa	
D530,012	S	10/2006	Eda et al.	
7,207,944	B2 *	4/2007	Fumuro et al.	600/499
7,232,413	B2	6/2007	Hashimoto et al.	
D560,279	S	1/2008	Eda et al.	
7,316,653	B2 *	1/2008	Sano et al.	600/499
D561,339	S	2/2008	Eda et al.	
2006/0064022	A1 *	3/2006	Yang et al.	600/490
2007/0167845	A1 *	7/2007	Sasagawa et al.	600/490

FOREIGN PATENT DOCUMENTS

JP	1200780	4/2004
JP	1216857	9/2004
JP	1284981	10/2006

OTHER PUBLICATIONS

Terumo Corporation, Brochure, Terumo Corporation, "Arm in® Plus", Electronic Sphygmomanometer, ES-P2000U, published Aug. 2005.

* cited by examiner

FIG. 1

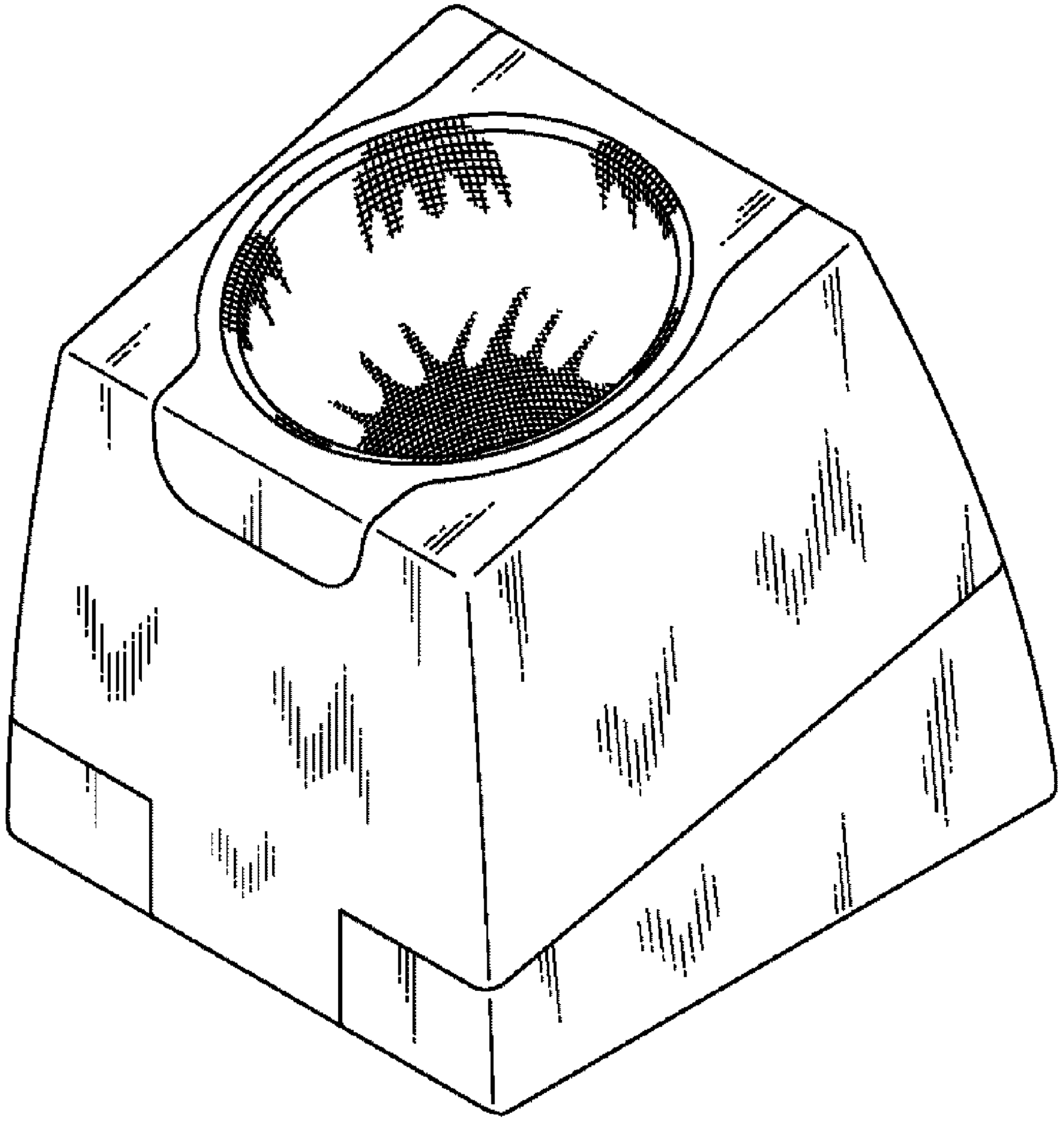


FIG. 2

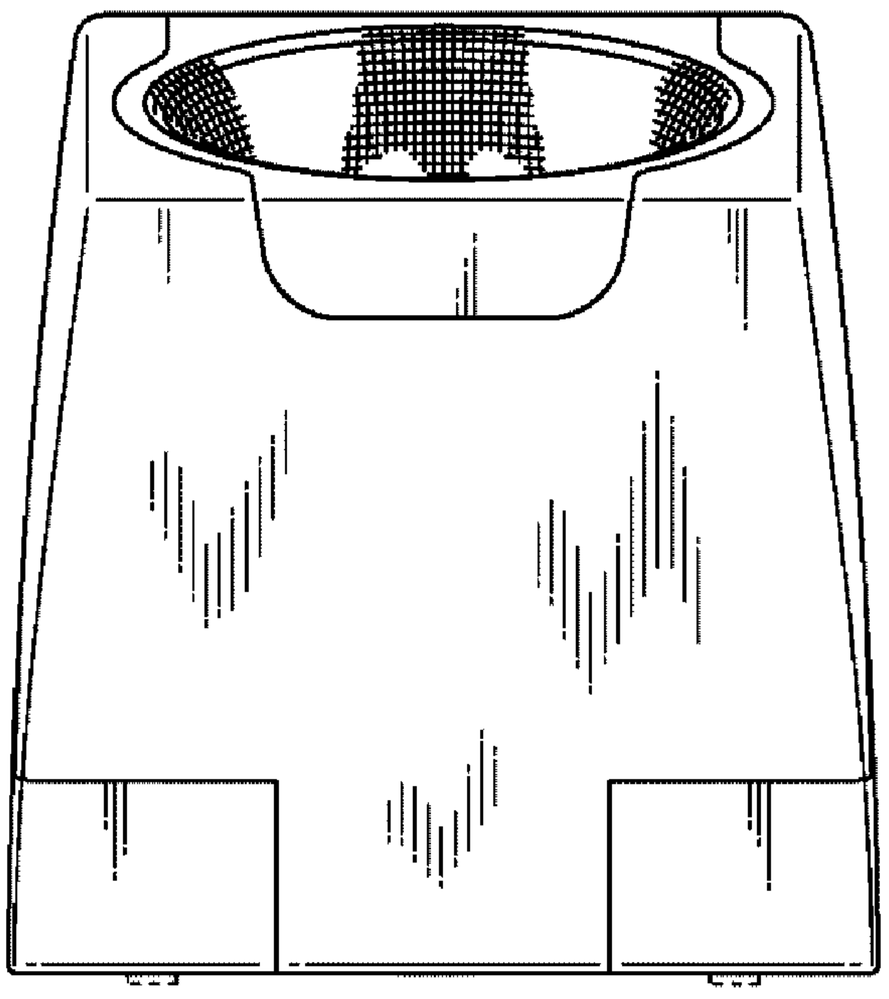


FIG. 3

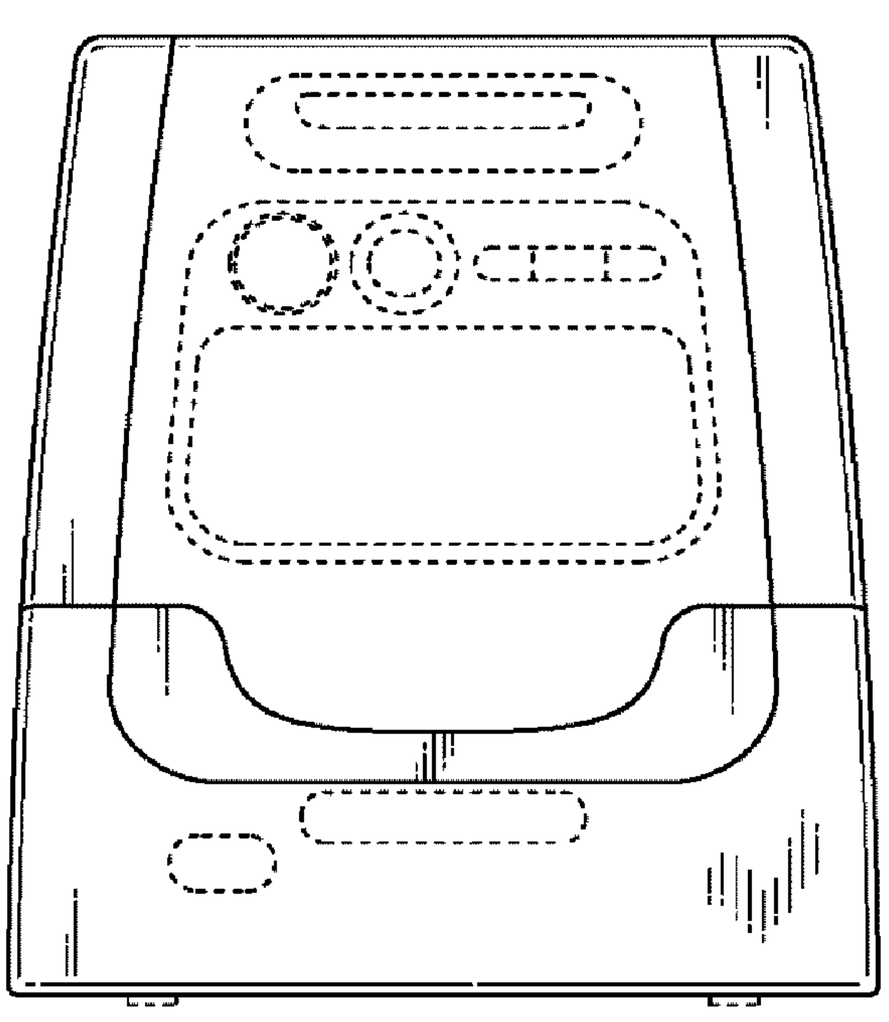


FIG. 4

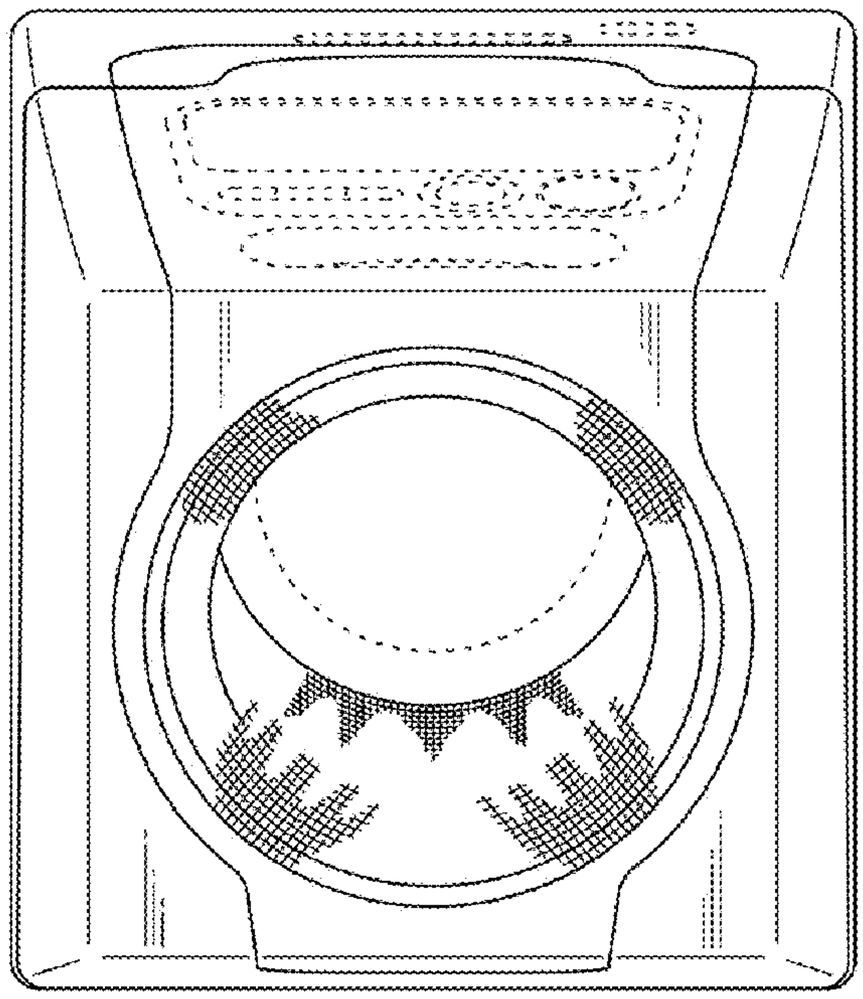


FIG. 5

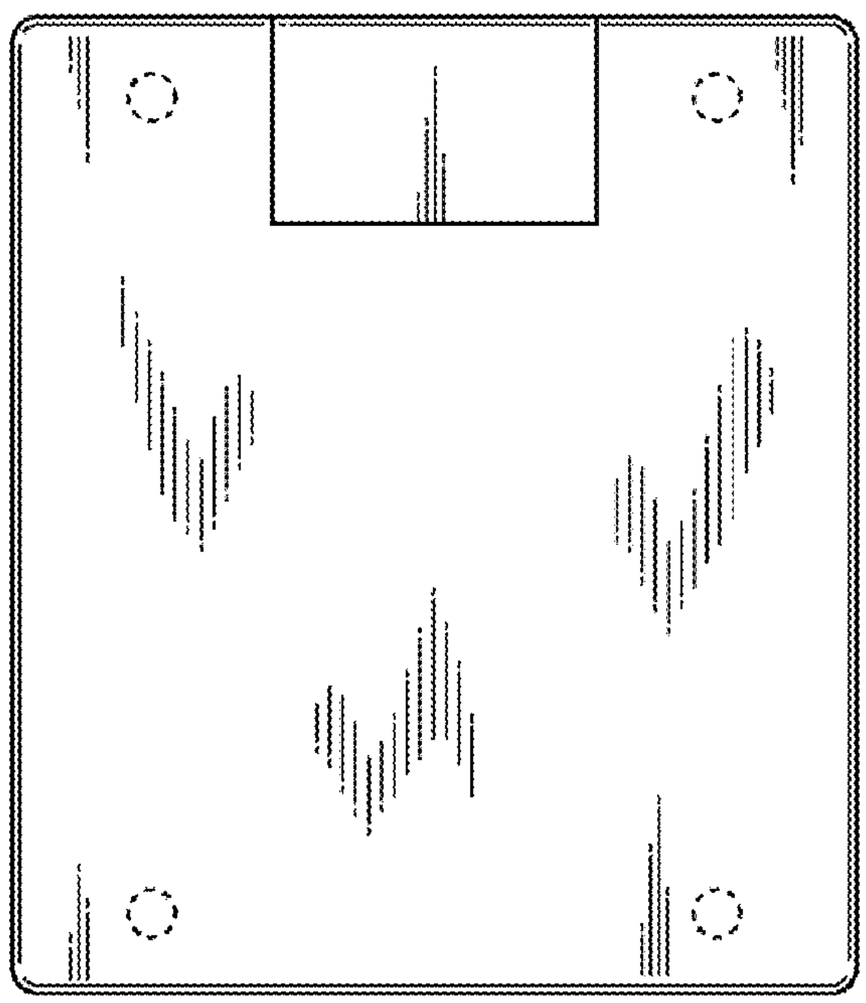


FIG. 6

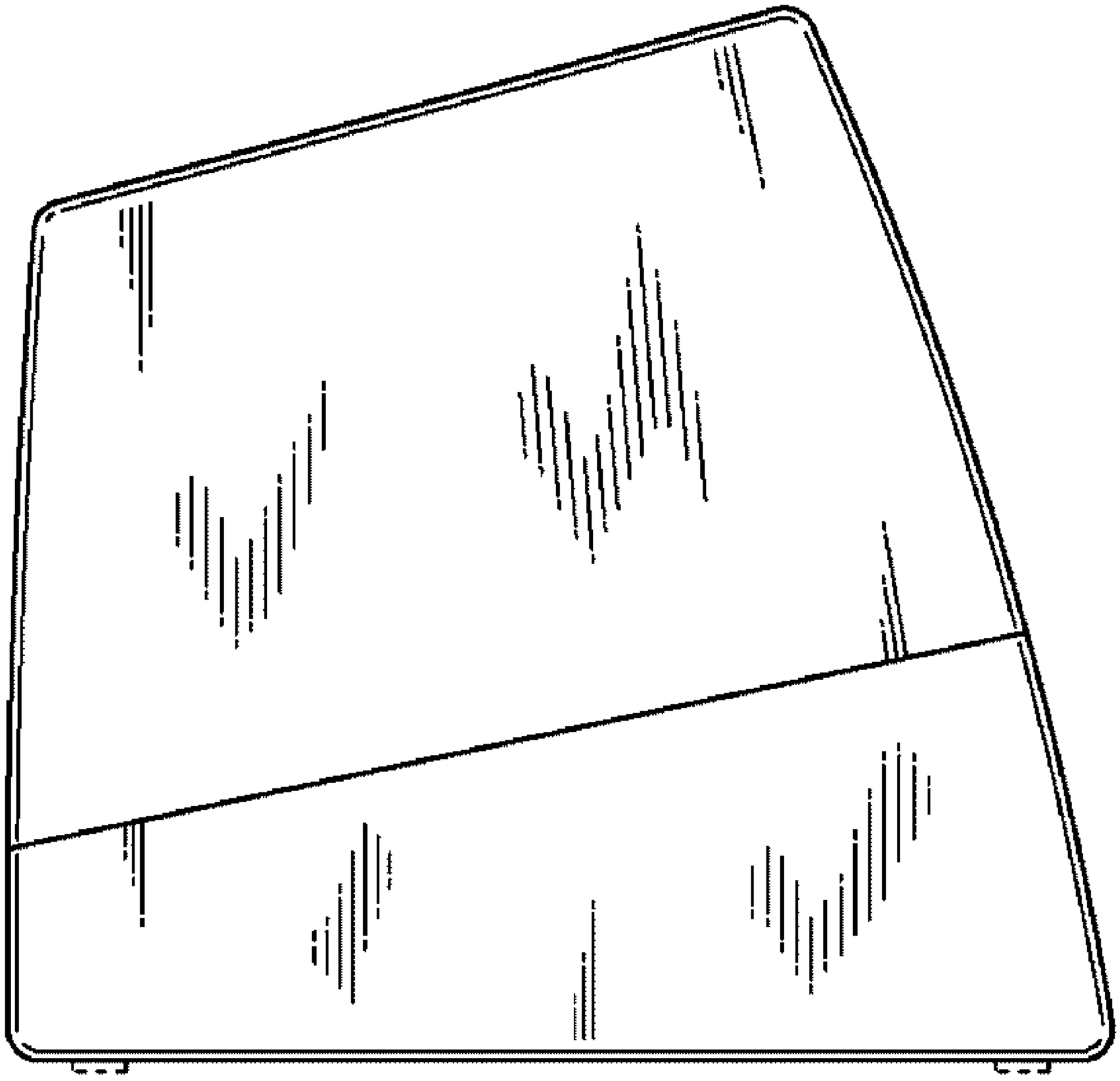


FIG. 7

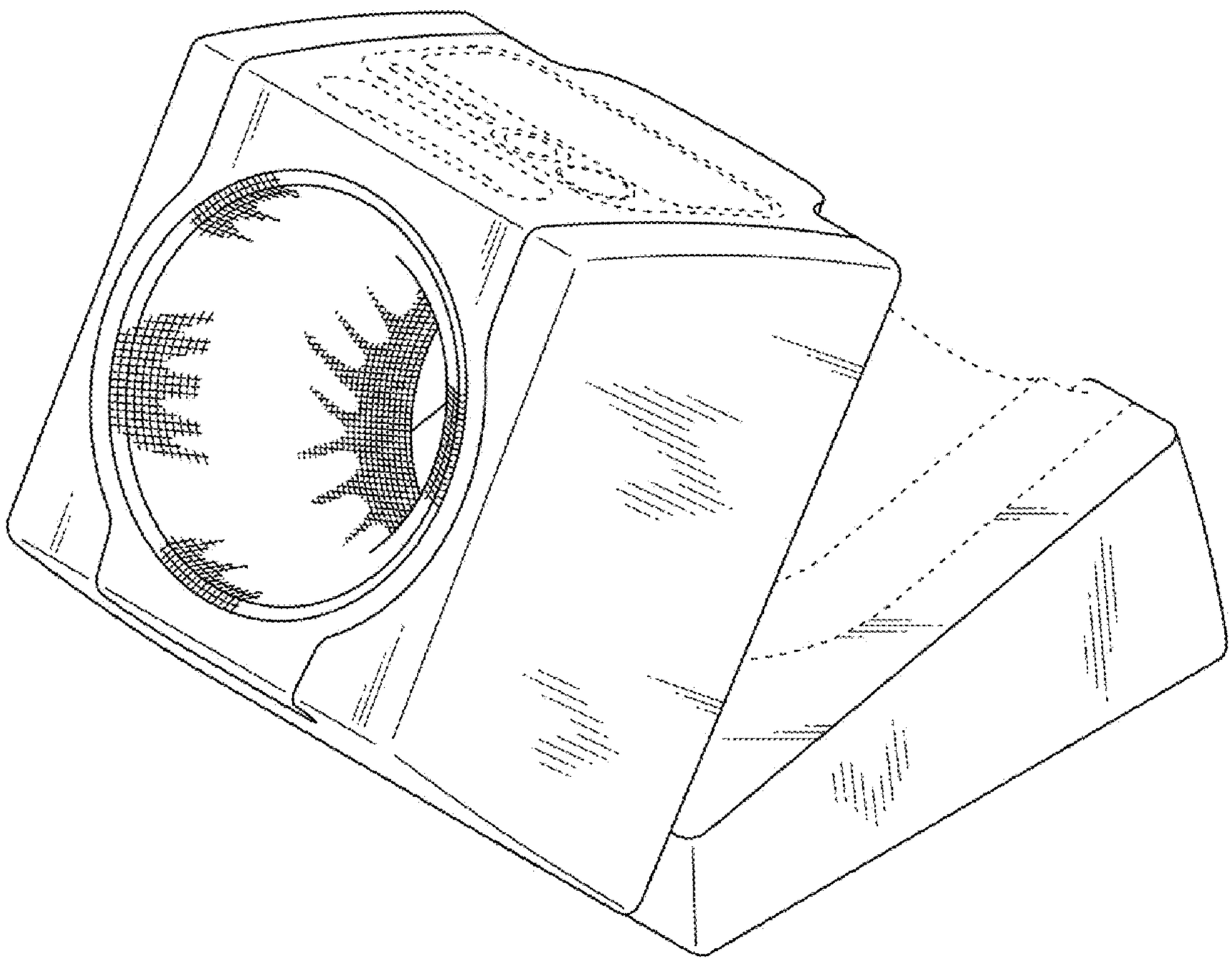


FIG. 8