



US00D883767S

(12) **United States Design Patent** (10) **Patent No.:** **US D883,767 S**
Hoyos Ariza (45) **Date of Patent:** **** May 12, 2020**

(54) **HANDLE**
(71) Applicant: **A Hoyos LLC**, Miami, FL (US)
(72) Inventor: **Alfredo Ernesto Hoyos Ariza**, Miami, FL (US)
(73) Assignee: **A HOYOS LLC**, Miami, FL (US)
(**) Term: **15 Years**

4,676,780 A 6/1987 Lee
4,679,261 A 7/1987 Stanley et al.
4,722,332 A 2/1988 Sagers
4,824,062 A 4/1989 Wagner
4,941,872 A * 7/1990 Felix A61M 1/0064
604/27
4,960,161 A 10/1990 Easley
4,982,739 A * 1/1991 Hemstreet A61B 10/0283
600/563
5,067,542 A 11/1991 Easley
5,102,127 A 4/1992 Pohrer
(Continued)

(21) Appl. No.: **29/666,117**

FOREIGN PATENT DOCUMENTS

(22) Filed: **Oct. 10, 2018**
(51) **LOC (12) Cl.** **08-06**
(52) **U.S. Cl.**
USPC **D8/307**

WO WO 9944514 9/1999
WO WO 0041671 A2 7/2000

(58) **Field of Classification Search**
USPC D24/127, 128, 129, 130, 131, 138, 133,
D24/137, 142, 200; D8/300-302,
D8/307-309, 20, 376, 363; 600/101, 104,
600/164
CPC A61B 17/00; A61B 17/0057; A61B
17/320016; A61B 1/0052; Y10T 16/44;
Y10T 16/4559; Y10T 16/46; Y10T
16/466; Y10T 16/4713; Y10T 16/473;
Y10T 16/476; Y10T 16/506
See application file for complete search history.

OTHER PUBLICATIONS

Hoyos et al., Vaser-Assisted High-Definition Liposculpture, Aesthetic Surgery Journal, 2007, 27:594-604 (Nov./Dec. 2007).
(Continued)

Primary Examiner — Rosemary K Tarcza
Assistant Examiner — Yolanda Robinson
(74) *Attorney, Agent, or Firm* — Malloy & Malloy P.L.

(57) **CLAIM**

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

(56) **References Cited**

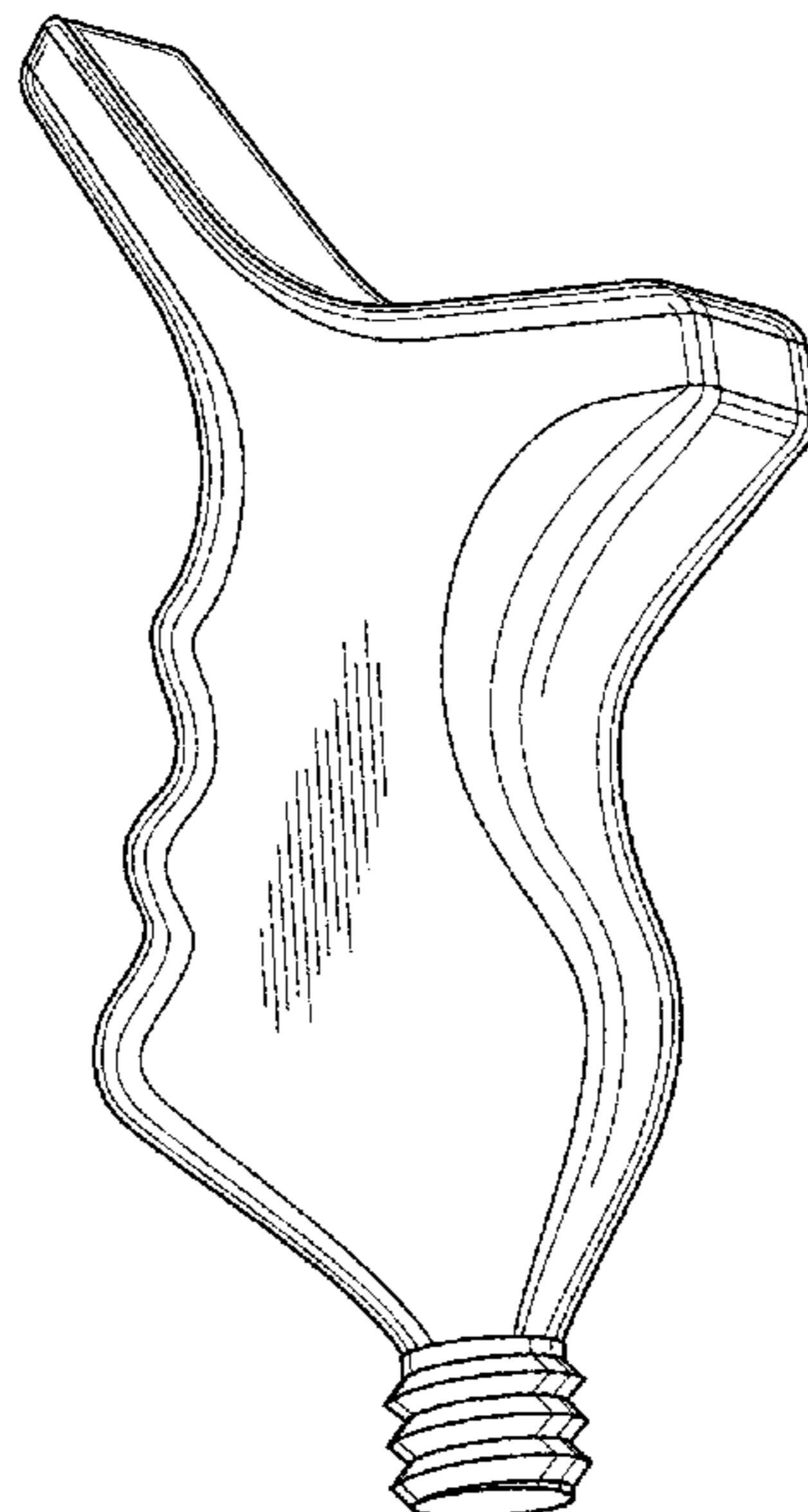
DESCRIPTION

U.S. PATENT DOCUMENTS

1,761,278 A 1/1930 Redmond
1,859,198 A 5/1932 Cunningham
2,105,605 A 1/1938 Lichtenstein
2,492,489 A 12/1949 Levinthal
2,505,720 A 4/1950 Peiser et al.
2,697,224 A 12/1954 Aidenland
3,598,114 A 8/1971 Lewis
3,956,784 A 5/1976 Vargas
4,508,110 A 4/1985 Modglin
4,519,385 A 5/1985 Atkinson et al.

FIG. 1 is a front perspective view illustrating my design for a handle;
FIG. 2 is a right side view thereof;
FIG. 3 is a front view thereof;
FIG. 4 is a top view thereof;
FIG. 5 is a rear view thereof;
FIG. 6 is a bottom view thereof; and,
FIG. 7 is a left side view thereof.

1 Claim, 6 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

5,147,292 A * 9/1992 Kullas A61M 3/0208
604/34

5,158,531 A 10/1992 Zamosky

5,181,907 A 1/1993 Becker

5,186,714 A * 2/1993 Boudreault A61M 1/0064
604/21

5,230,704 A 7/1993 Moberg et al.

5,255,669 A 10/1993 Kubota et al.

5,285,909 A 2/1994 Slater

5,318,012 A 6/1994 Wilk

5,329,943 A 7/1994 Johnson

5,398,671 A 3/1995 Ortiz et al.

5,419,761 A 5/1995 Narayanan et al.

5,460,169 A 10/1995 Mouret

5,501,653 A 3/1996 Chin

D373,944 S * 9/1996 Thompson D8/107

5,569,165 A 10/1996 Chin

5,643,198 A 7/1997 Cucin

5,658,328 A 8/1997 Johnson

5,660,422 A 8/1997 Knisley

5,683,366 A 11/1997 Eggers et al.

5,718,670 A 2/1998 Bremer

5,823,984 A 10/1998 Silverberg

5,884,631 A 3/1999 Silberg

5,935,143 A 8/1999 Hood

5,996,791 A 12/1999 Bibby et al.

6,071,260 A 6/2000 Halverson

6,253,907 B1 7/2001 Lachmann et al.

6,276,175 B1 8/2001 Broder, Jr.

6,315,745 B1 11/2001 Kloecker

6,368,299 B1 4/2002 Cimino

6,436,064 B1 8/2002 Kloecker

6,450,975 B1 9/2002 Brennan et al.

6,461,350 B1 10/2002 Underwood et al.

6,524,250 B1 2/2003 Weber et al.

6,585,673 B1 7/2003 Bass

6,852,089 B2 2/2005 Kloecker et al.

6,878,142 B2 4/2005 Lawrence et al.

6,920,883 B2 7/2005 Bessette et al.

7,331,951 B2 2/2008 Eshel et al.

7,857,773 B2 12/2010 Desilets et al.

7,909,802 B2 3/2011 Sauter et al.

D650,480 S * 12/2011 Scholly D24/133

8,105,256 B1 1/2012 Ariza

8,114,117 B2 2/2012 Avitable

8,167,868 B1 5/2012 Ariza

8,425,490 B2 4/2013 Ariza

8,430,830 B1 4/2013 Ariza

8,506,476 B1 * 8/2013 O'Mara, Jr. A61M 25/0082
600/117

8,506,509 B1 8/2013 Ariza

D696,781 S * 12/2013 Norton D24/171

8,876,799 B1 11/2014 Ariza

D719,651 S * 12/2014 Hoffmann D24/133

D739,017 S * 9/2015 Renner D24/146

D746,460 S * 12/2015 Gitman D24/147

9,248,228 B2 * 2/2016 Bono A61M 1/0047

D773,915 S * 12/2016 Barakat D8/307

D802,769 S * 11/2017 Robertson D24/167

D809,893 S * 2/2018 Hsien-Te D8/107

D811,605 S * 2/2018 Chang D24/187

9,888,933 B1 2/2018 Hoyos Ariza

9,907,602 B2 * 3/2018 Fedenia A61M 1/0023

D824,130 S * 7/2018 Vosbikian D32/52

D824,626 S * 7/2018 Vosbikian D32/52

D825,765 S * 8/2018 Yang D24/187

D858,763 S * 9/2019 Zimmerli D24/137

D860,756 S * 9/2019 Lindo D8/307

2002/0106970 A1 8/2002 Falla

2004/0162546 A1 8/2004 Liang

2004/0186353 A1 9/2004 Palermo

2004/0206714 A1 10/2004 Jablow

2006/0206714 A1 9/2006 Gubo

2007/0055179 A1 3/2007 Deem

2007/0060989 A1 3/2007 Deem et al.

2008/0194999 A1 8/2008 Yamaha et al.

2008/0195036 A1 8/2008 Merchant et al.

2009/0248004 A1 10/2009 Altshuler et al.

2010/0057056 A1 3/2010 Gurtner et al.

2010/0130903 A1 5/2010 Rock

2010/0137256 A1 6/2010 Haddad

2010/0155349 A1 6/2010 Murphy

2011/0040287 A1 2/2011 Ference et al.

2011/0144729 A1 6/2011 Weber

2012/0265072 A1 10/2012 Matlock

2013/0066155 A1 3/2013 Keating et al.

2013/0096596 A1 4/2013 Schafer

2014/0088370 A1 3/2014 Giulianotti et al.

2014/0121694 A1 * 5/2014 Lambert A61B 17/3494
606/185

2019/0380728 A1 12/2019 Hoyos Ariza

OTHER PUBLICATIONS

Gasperoni et al., Rationale of Subdermal Superficial Liposuction Related to the Anatomy of Subcutaneous Fat and the Superficial Fascial System "Aesthetic Plastic Surgery," 19:13-20 (1995).

Avelar, Regional Distribution and Behavior of the Subcutaneous Tissue Concerning Selection and Indication for Liposuction, "Aesthetic Plastic Surgery," 13:155-165 (1989).

Fischer, Chapter 22: Liposuction of the Trunk, Liposuction Principles and Practice, Springer-Verlag Berling Heidelberg, 2006.

Pitanguy et al., Chapter 23: Liposuction and Dermolipectomy, Liposuction Principles and Practice, Springer-Verlag Berling Heidelberg, 2006.

de la Torr et al., Chapter 24: The Modern Lipoabdominoplasty, Liposuction Principles and Practice, Springer-Verlag Berling Heidelberg, 2006.

Raskin, Chapter 25: Abdominal Liposuction in Colostomy Patients, Liposuction Principles and Practice, Springer-Verlag Berling Heidelberg, 2006.

Raskin, Chapter 27: Microcannula Liposuction, Liposuction Principles and Practice, Springer-Verlag Berling Heidelberg, 2006.

Gasparotti, Chapter 29, Three-Dimensional Superficial Liposculpture for Aged and Relaxed Skin, Liposuction Principles and Practice, Springer-Verlag Berling Heidelberg, 2006.

Cimino, Chapter 34: Vaser-Assisted Lipoplasty: Technology and Technique, Liposuction Principles and Practice, Springer-Verlag Berling Heidelberg, 2006.

Giuseppe, Alberto, Chapter 35: Ultrasound-assisted lipoplasty for face contouring with Vaser, Liposuction Principles and Practice, Springer-Verlag Berling Heidelberg, 2006.

Cimino, William, Chapter 32: Ultrasound-assisted liposuction: past, present, and future, Liposuction Principles and Practice, Springer-Verlag Berling Heidelberg, 2006.

Gamage, "Patient-specific modeling of breast biomechanics with applications to breast cancer detection and treatment," in Patient-Specific Modeling in Tomorrow's Medicine, Springer Berlin Heidelberg, p. 379-412, 2011.

Canfield, "Sculpt My Dream," commercial software website, Canfield Inc., via WayBackMachine at <https://web.archive.org/web/20110930111308/http://www.sculptmydream.com/>, 2012.

Frank, Paul Jarrod, Advances in Fat-emulsifying Technologies, European Dermatology, vol. 3, 2008.

www.9-hfx.com, Unknown Author, accessed Mar. 19, 2013, available as of at least Feb. 1, 2011, as confirmed by <http://web.archive.org/web/20110201194313/http://9-hfx.com/>.

* cited by examiner

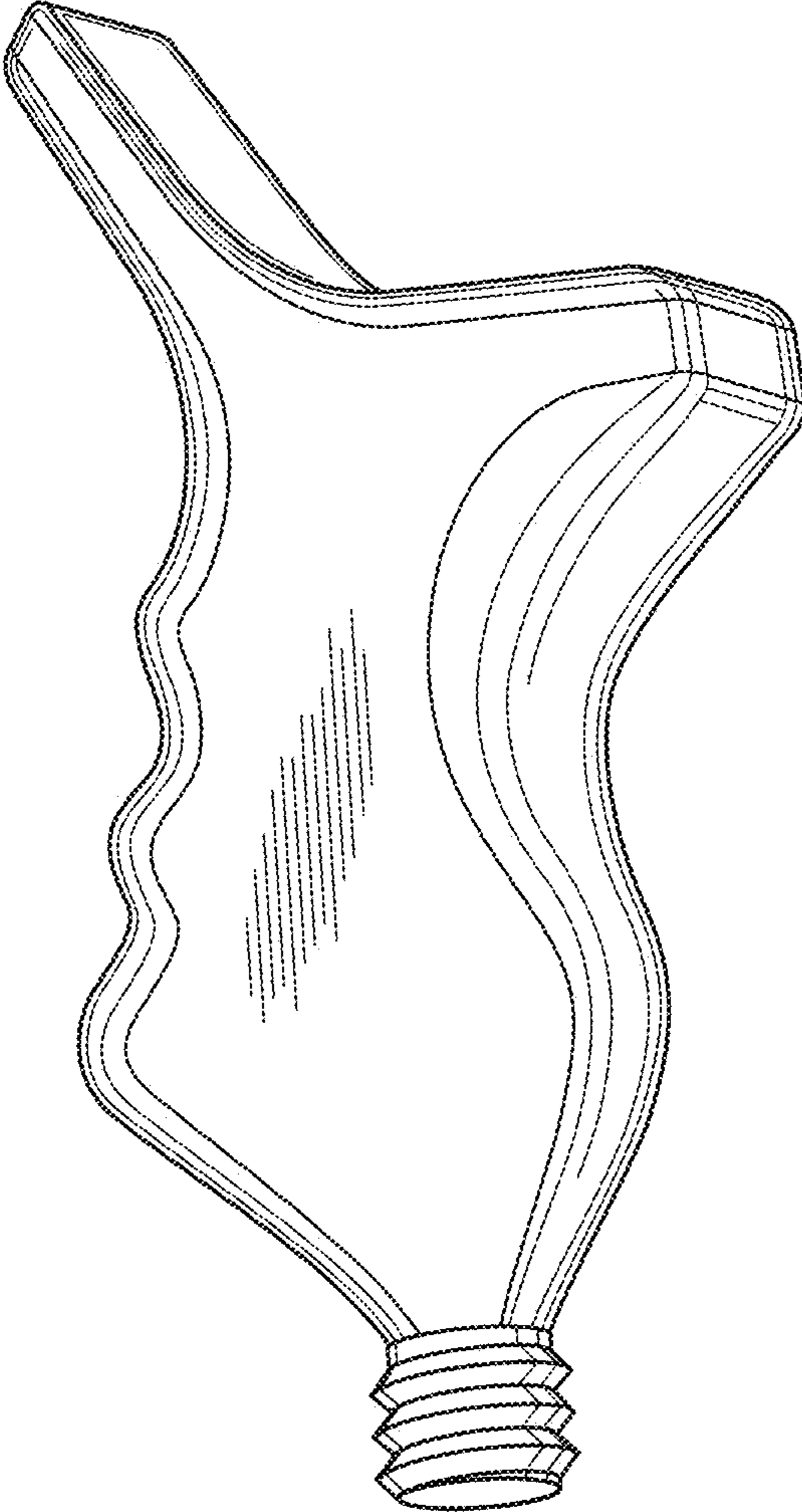


FIG. 1

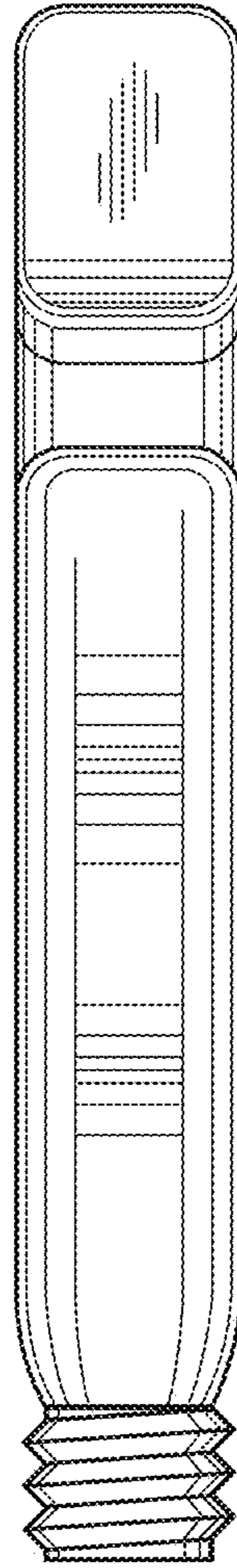


FIG. 2

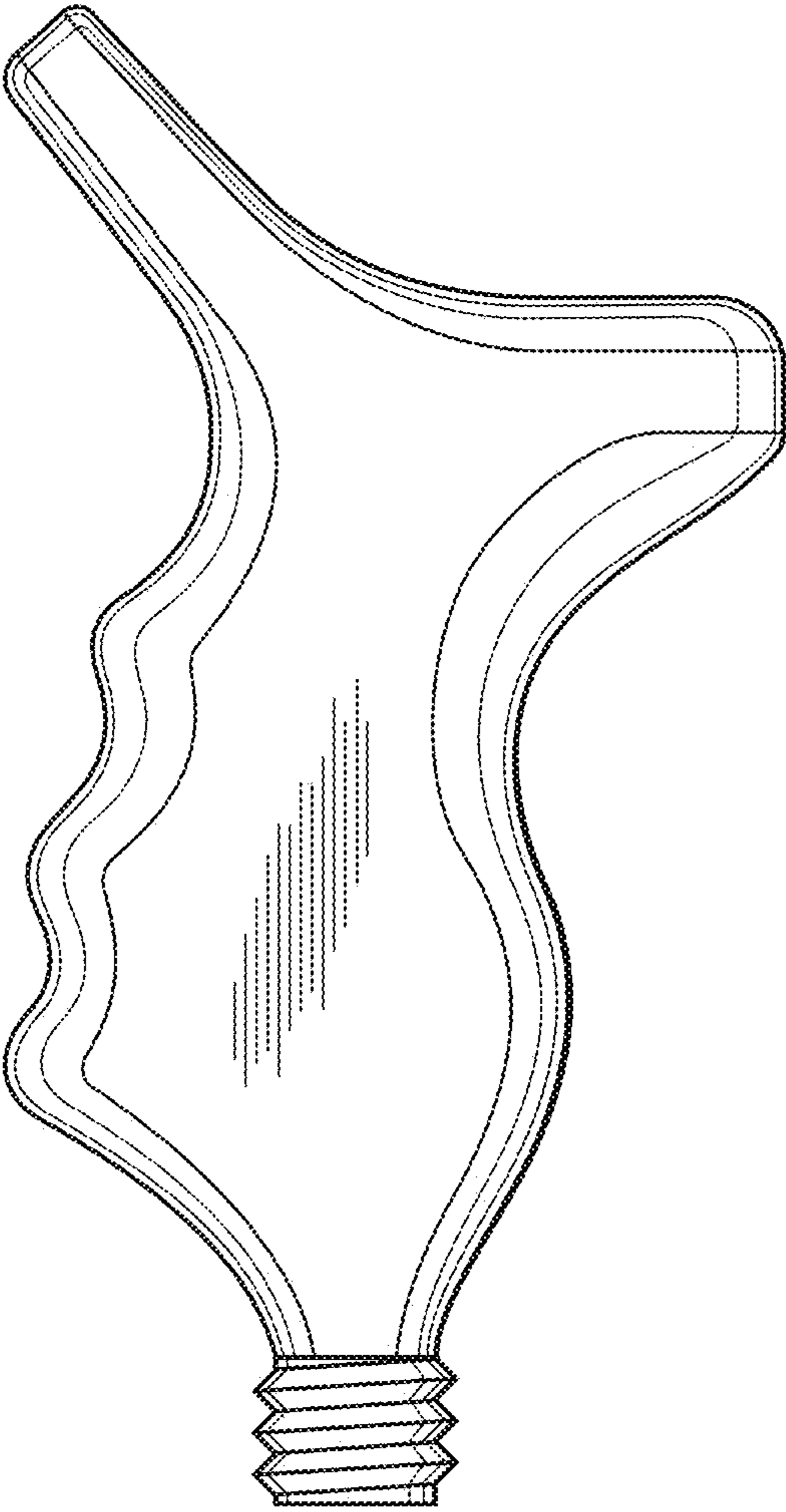


FIG. 3

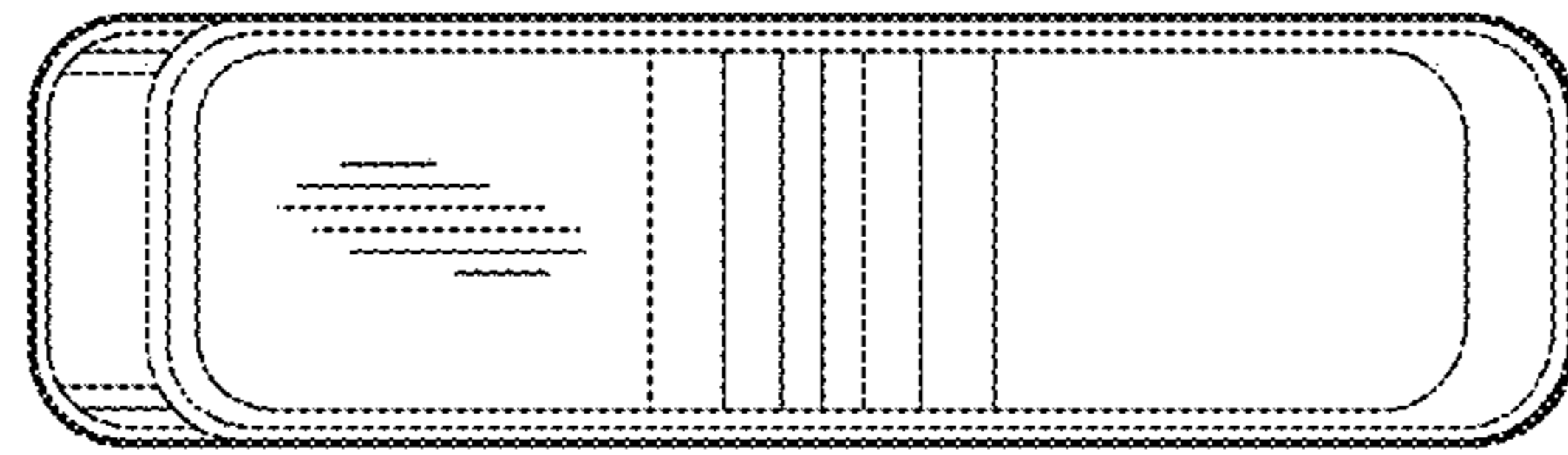


FIG. 4

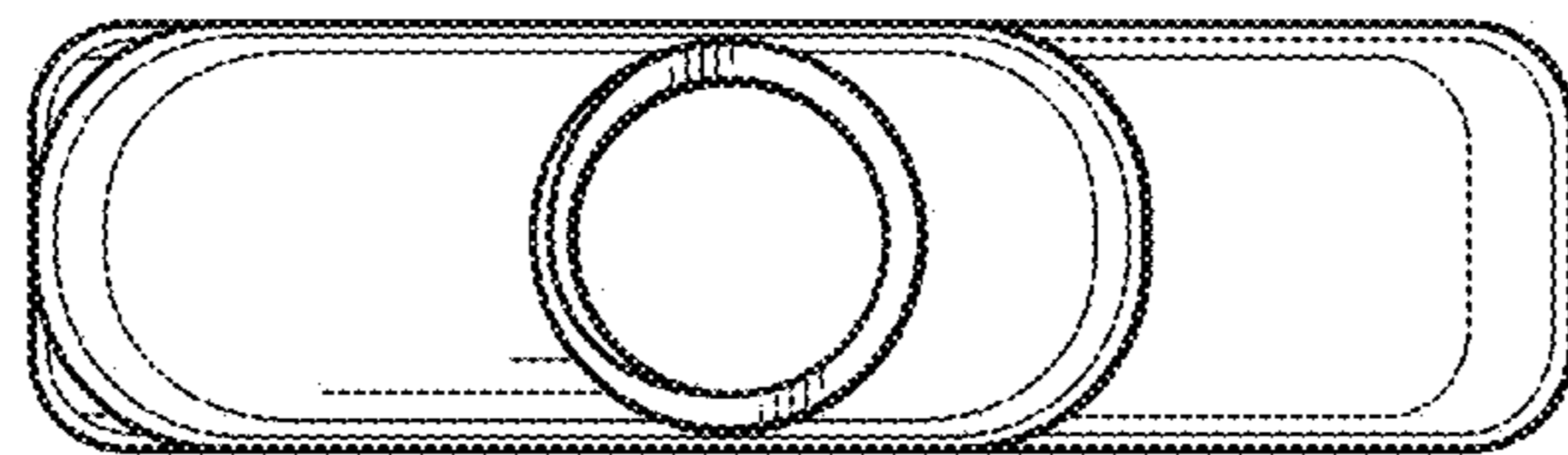


FIG. 6

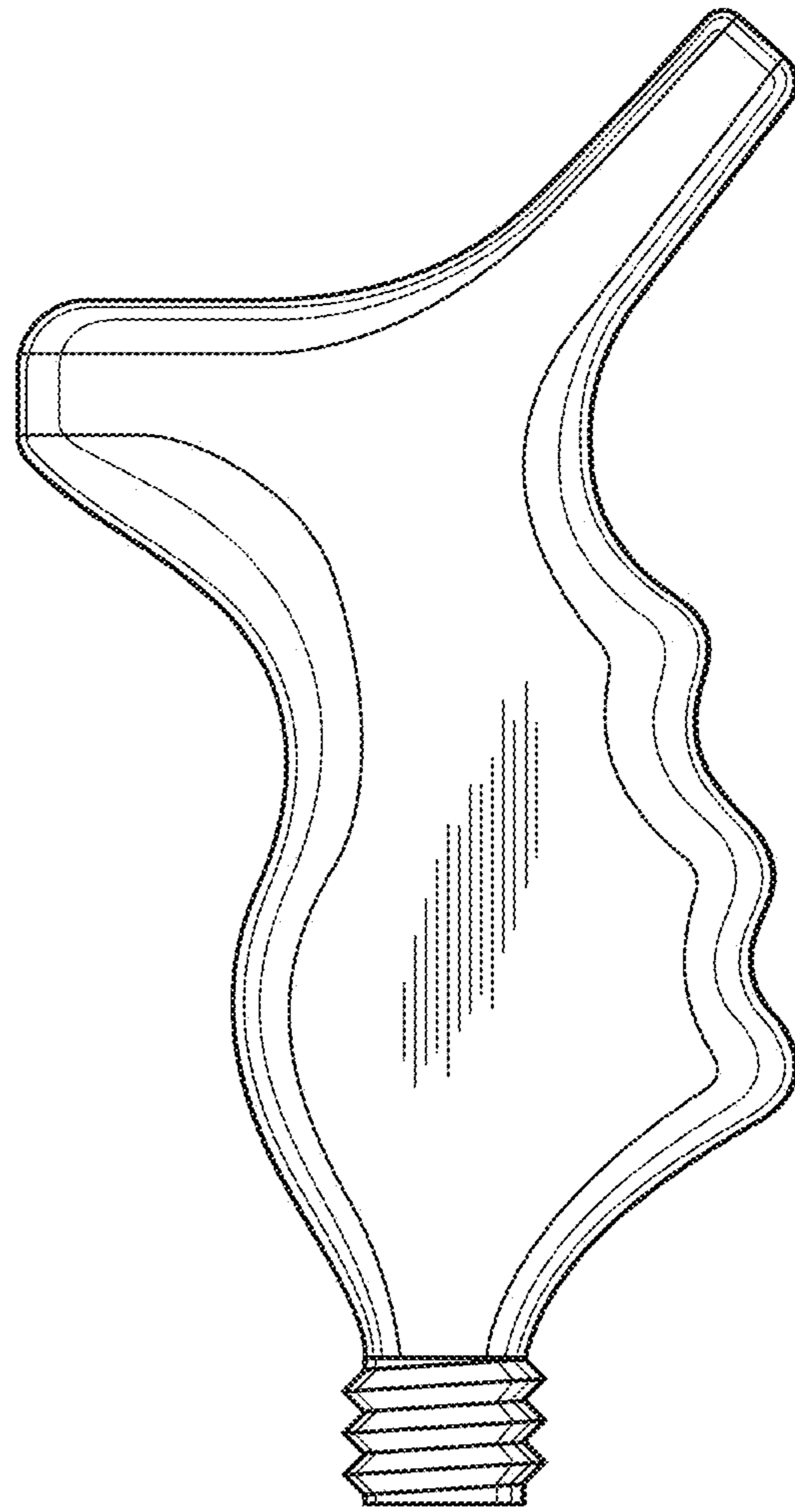


FIG. 5

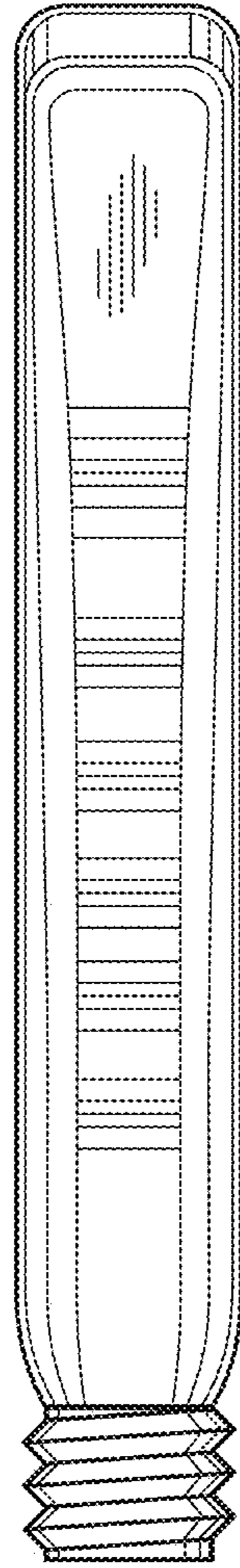


FIG. 7