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Hu et al.

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(54) **WATERPROOF ARM PROTECTOR**

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

(21) Appl. No.: **29/672,190**

(22) Filed: **Dec. 4, 2018**

(51) **LOC (12) Cl.** **24-02**

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

(58) **Field of Classification Search**
USPC D24/107, 188, 190, 200; D2/622
CPC A61F 5/00; A61F 15/00; A61F 15/004
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,098,268 A * 7/1978 Scott A61F 13/041
128/DIG. 20

4,254,765 A * 3/1981 Brown A61F 15/004
602/3

4,530,350 A * 7/1985 Brown A61F 13/041
128/DIG. 15

4,562,834 A * 1/1986 Bates A61F 15/004
36/7.1 R

4,966,135 A * 10/1990 Renfrew A61F 13/041
2/167

4,986,265 A * 1/1991 Caponi A61F 13/041
128/846

5,016,648 A * 5/1991 Brown A61F 13/041
128/846

D323,217 S * 1/1992 Holden D24/190

D340,115 S * 10/1993 Carmack D24/190

D362,913 S * 10/1995 Eisenberg D24/190

6,126,621 A * 10/2000 Aceves A61F 13/041
128/878

7,290,290 B2 * 11/2007 Treadway Fancher
A61F 13/06
2/16

D619,725 S * 7/2010 Puffer D24/190

7,955,284 B2 * 6/2011 Brown A61F 15/004
2/455

D661,400 S * 6/2012 McPike D24/190

D729,396 S * 5/2015 Garnes, III D24/207

9,539,119 B2 * 1/2017 Sauer A61F 2/78

2003/0191424 A1 * 10/2003 Skinner A61F 15/004
602/62

2010/0234781 A1 * 9/2010 Cassidy A61F 5/01
602/3

2010/0249681 A1 * 9/2010 Brown A61F 13/041
602/3

2016/0136000 A1 * 5/2016 Gaffney A61F 15/004
602/3

* cited by examiner

Primary Examiner — Lilyana Bekic

(57) **CLAIM**

The ornamental design for a waterproof arm protector, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a waterproof arm protector showing our new design;

FIG. 2 is a front elevational view thereof;

FIG. 3 is a top plan view thereof;

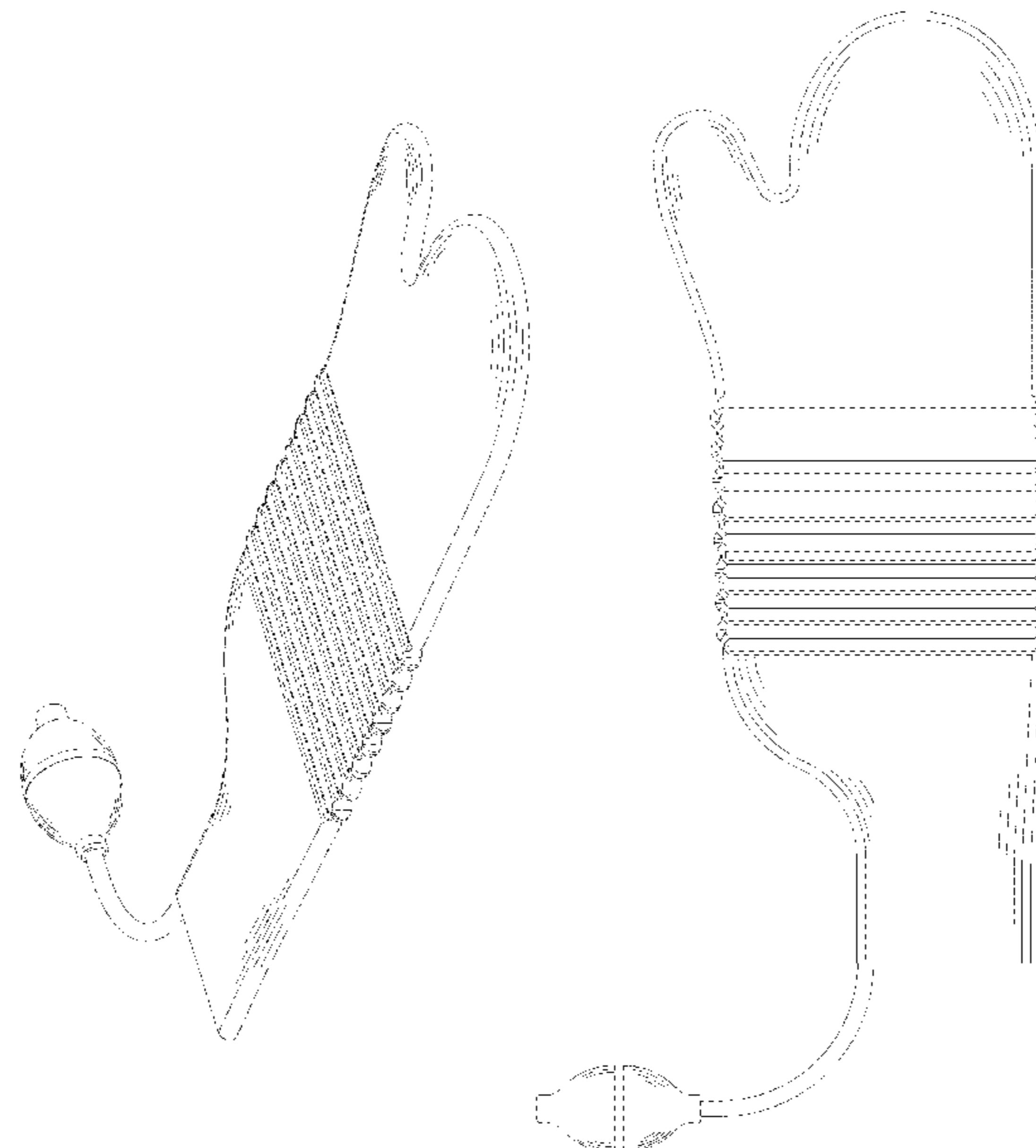
FIG. 4 is a left side elevational view thereof;

FIG. 5 is a rear elevational view thereof;

FIG. 6 is a right side view thereof; and,

FIG. 7 is a bottom plan view thereof.

1 Claim, 7 Drawing Sheets



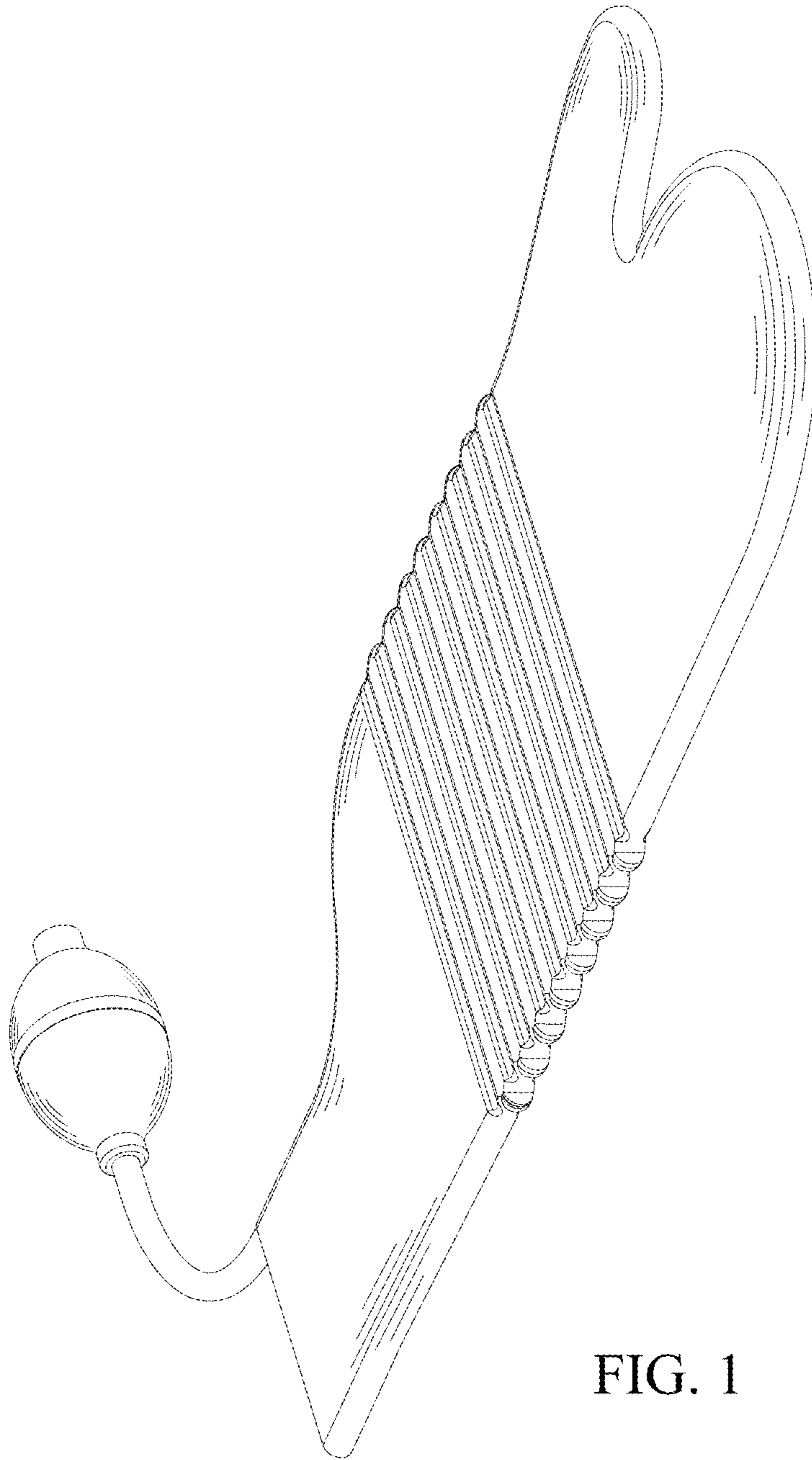


FIG. 1

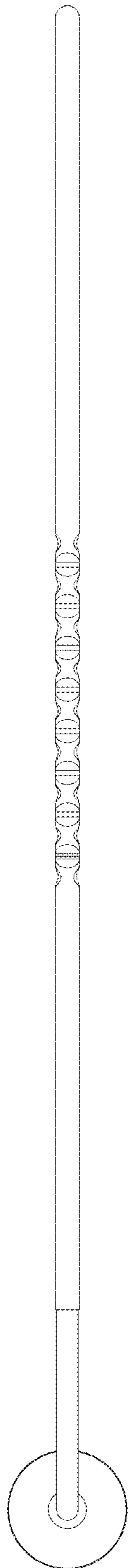


FIG. 2

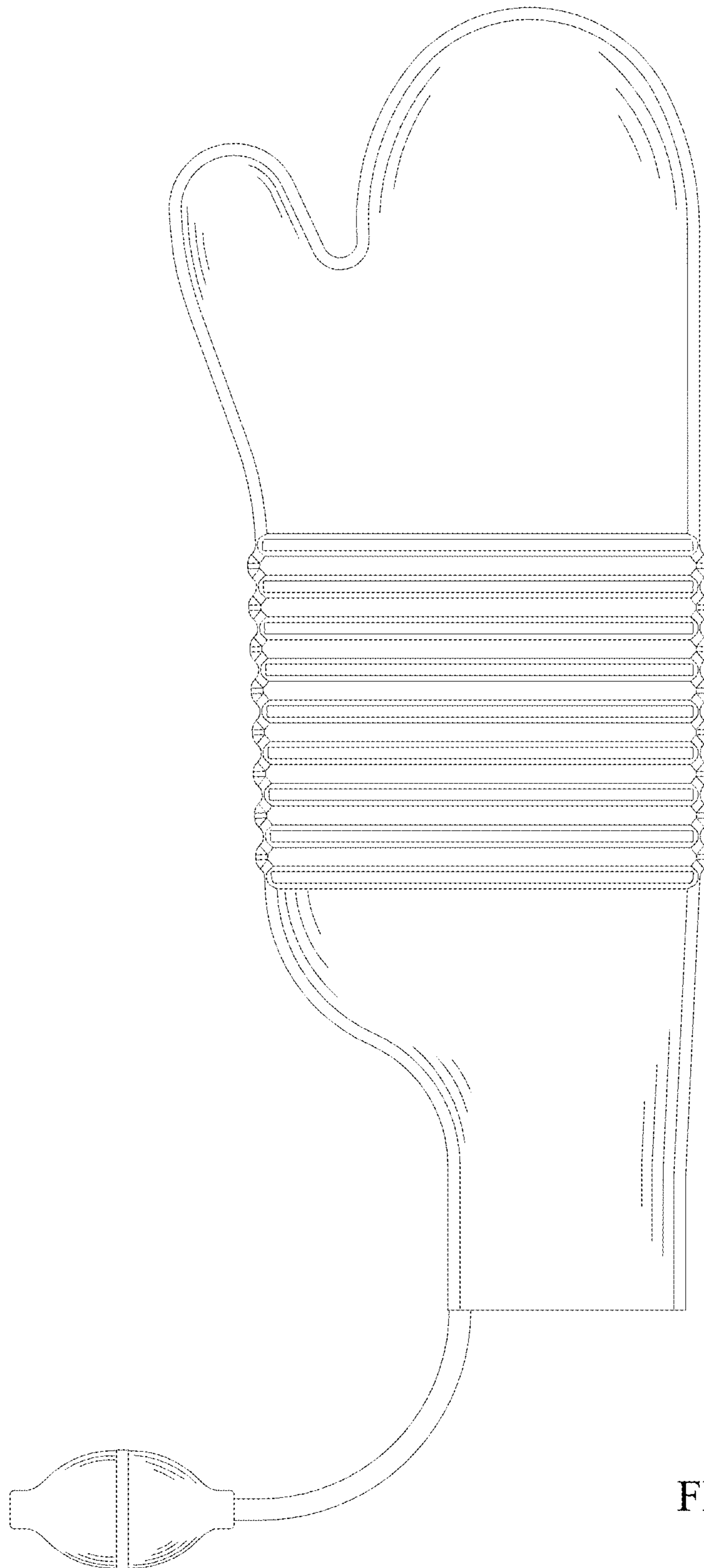


FIG. 3

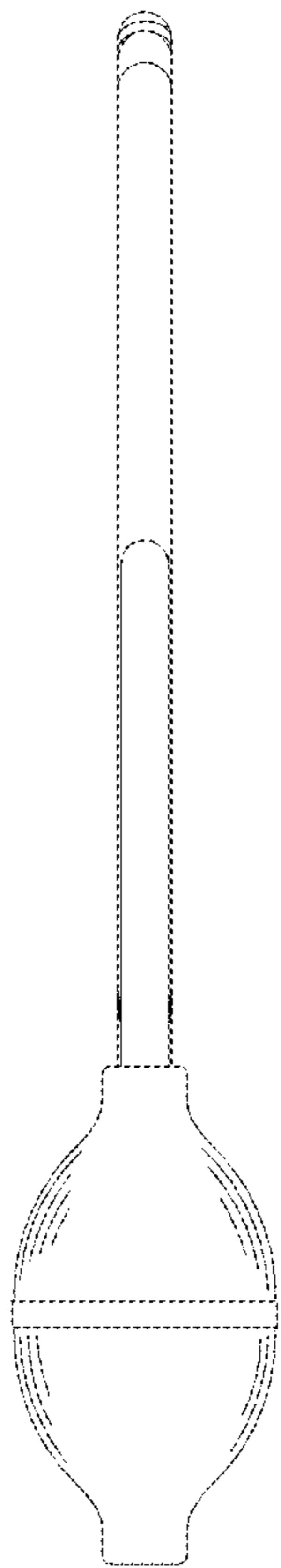


FIG. 4

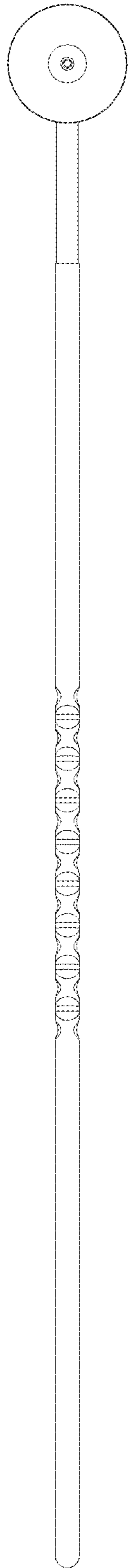


FIG. 5

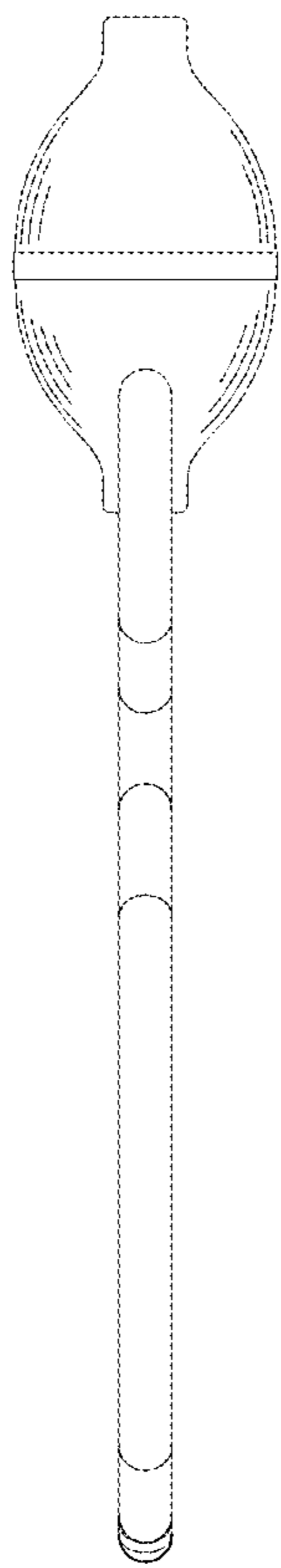


FIG. 6

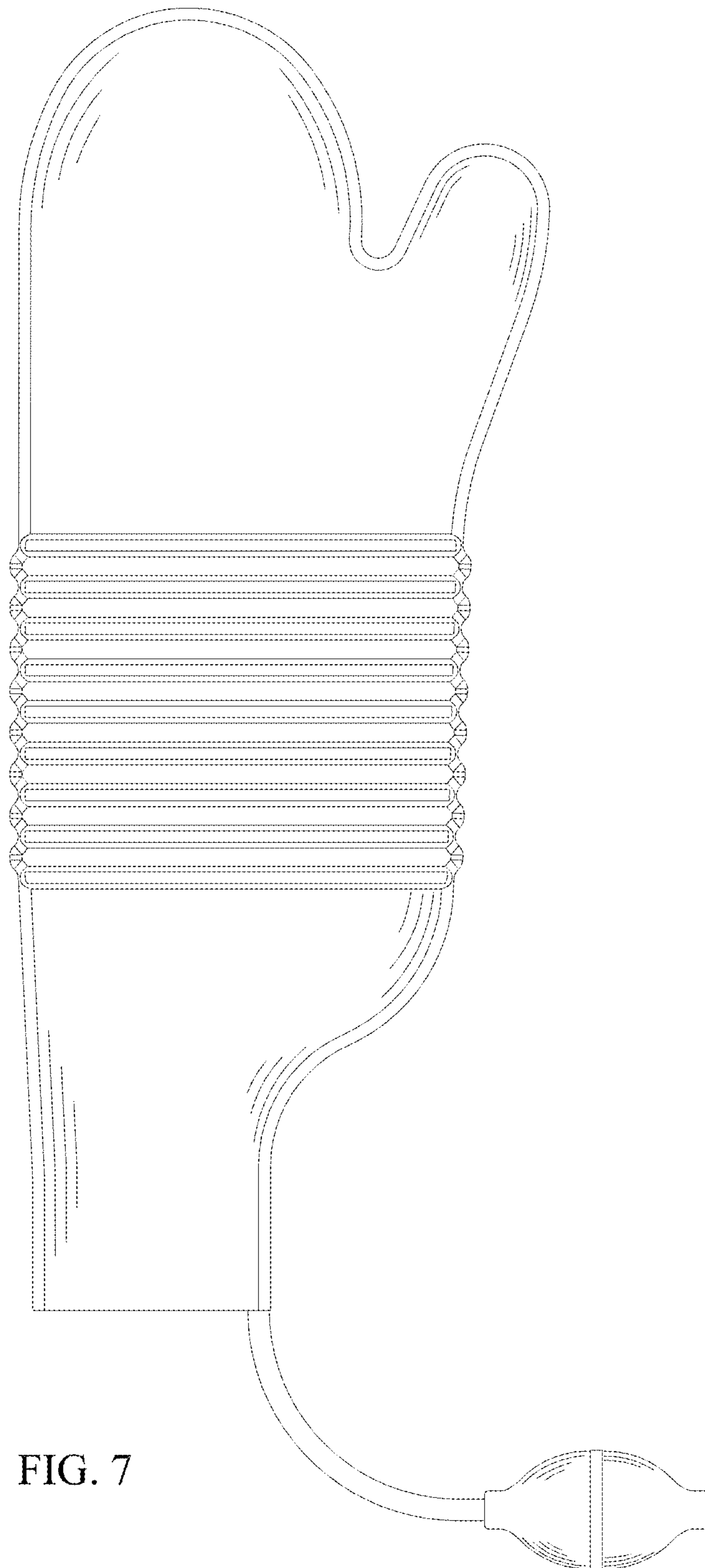


FIG. 7