



US00D871597S

(12) **United States Design Patent** (10) **Patent No.:** **US D871,597 S**  
**Blake** (45) **Date of Patent:** **\*\* \*Dec. 31, 2019**

(54) **MEDICAL DEVICE**

(71) Applicant: **Orthofix Inc.**, Lewisville, TX (US)

(72) Inventor: **Steve Blake**, Allen, TX (US)

(73) Assignee: **Orthofix Inc.**, Lewisville, TX (US)

(\*) Notice: This patent is subject to a terminal disclaimer.

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

(21) Appl. No.: **29/639,289**

(22) Filed: **Mar. 5, 2018**

(51) **LOC (12) Cl.** ..... **28-03**

(52) **U.S. Cl.**  
USPC ..... **D24/200**

(58) **Field of Classification Search**

USPC ..... D24/200, 214–215, 190, 171, 107;  
600/9–10, 13–15

CPC ..... A61F 5/01; A61F 5/0109; A61F 5/0111;  
A61N 2/004; A61N 2/006; A61N 2/02;  
A61N 2/12; A61N 1/326; A61N 1/36;  
A61N 1/36003; A61N 1/40

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

4,266,532 A \* 5/1981 Ryaby ..... A61N 2/02  
600/14  
4,548,208 A \* 10/1985 Niemi ..... A61N 2/02  
600/14  
5,067,940 A \* 11/1991 Liboff ..... A61N 2/02  
600/13  
D326,913 S \* 6/1992 Staples ..... D24/200

(Continued)

**OTHER PUBLICATIONS**

Orthofix Holdings, Inc. “A Patient’s Guide to Spine Fusion Stimulation,” dated Jun. 2014 //pdf.medicaexpo.com/pdf/orthofix/cervical-stim-patient-q/74966-148857.html, 4 pgs.

(Continued)

*Primary Examiner* — Wan Laymon

(74) *Attorney, Agent, or Firm* — Haynes and Boone, LLP

(57) **CLAIM**

The ornamental design for a medical device, as shown and described.

**DESCRIPTION**

This application is related to U.S. application Ser. Nos. 29/639,287, 29/639,249, 29/369,258, 29/639,241 and 29/639,259, all filed Mar. 5, 2018, the entire disclosures of which are hereby incorporated herein by reference.

FIG. 1 is a front perspective view of a medical device showing my new design;

FIG. 2 is a front elevational view thereof;

FIG. 3 is a rear elevational view thereof;

FIG. 4 is a right side elevational view thereof;

FIG. 5 is a left side elevational view thereof;

FIG. 6 is a top plan view thereof;

FIG. 7 is a bottom plan view thereof;

FIG. 8 is a rear perspective view thereof; and,

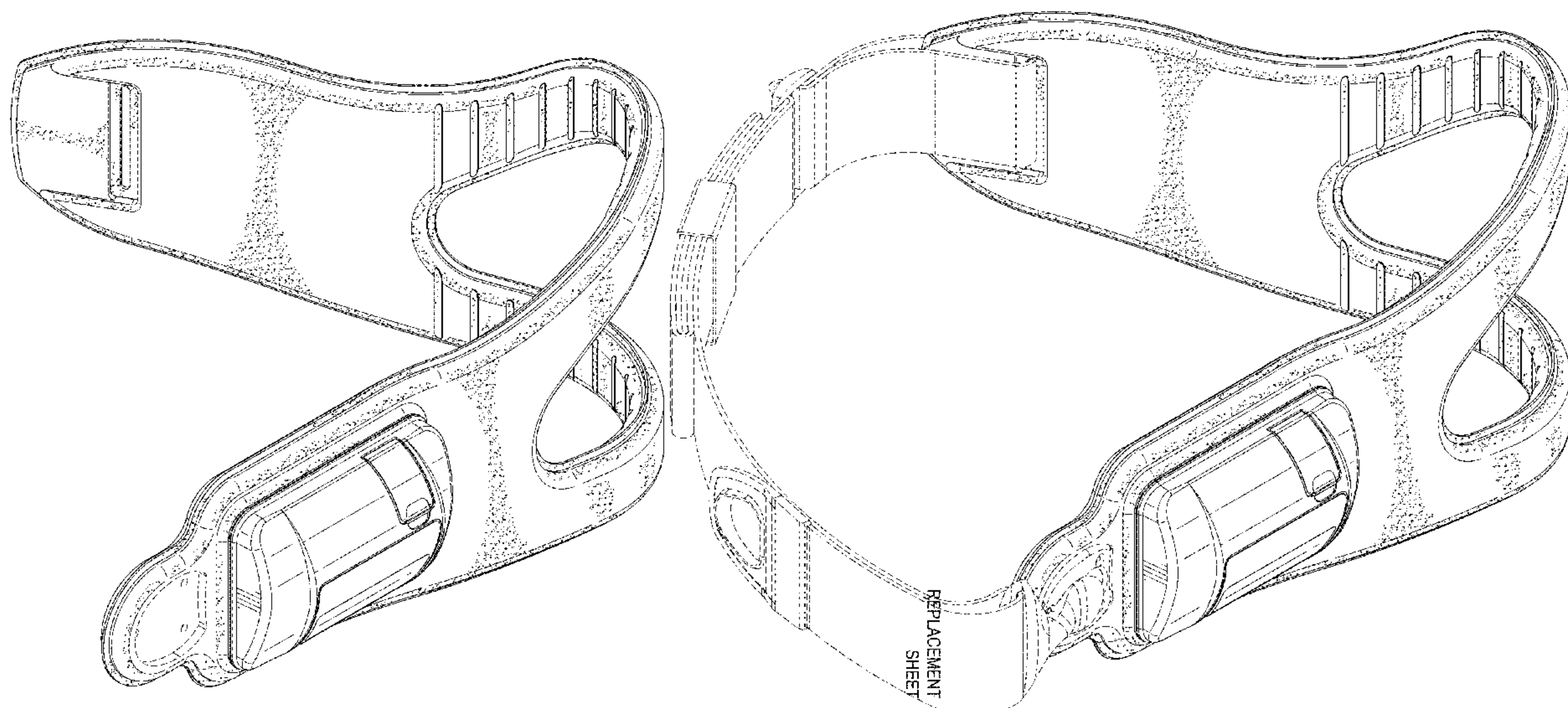
FIG. 9 is another front perspective view thereof, the front perspective view of FIG. 9 being similar to the front perspective view of FIG. 1 but for the depiction in broken lines of unclaimed environmental structure in FIG. 9.

The broken lines in FIGS. 1-3, 7, and 8 depict portions of the medical device that form no part of the claimed design.

The broken lines in FIG. 9 depict portions of the medical device that form no part of the claimed design, and also depict environmental structure that forms no part of the claimed design.

The different surface shadings (line shading and stippled shading) in FIGS. 1, 8, and 9 are used to indicate contrasting materials.

**1 Claim, 9 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

5,318,561	A *	6/1994	McLeod	.....	A61N 2/02 600/14
5,743,844	A *	4/1998	Tepper	.....	A61N 2/02 600/13
5,792,040	A *	8/1998	Koeneman	.....	A61N 2/02 600/13
6,024,691	A *	2/2000	Tepper	.....	A61N 2/02 600/13
6,364,824	B1	4/2002	Fitzsimmons		
6,592,509	B1 *	7/2003	Hunter, Jr.	.....	A61N 2/02 600/9
7,465,269	B2 *	12/2008	Culhane	.....	A61N 2/004 600/13
D742,020	S *	10/2015	Russold	.....	D24/200
D834,719	S *	11/2018	Theriot	.....	D24/200
2013/0245358	A1 *	9/2013	Johnson	.....	A61N 2/02 600/13

OTHER PUBLICATIONS

Orthofix Holdings, Inc. "A Patient's Guide to Insurance Coverage for Bone Growth Therapy," Sep. 16, 2016, 5 pages.

Abrexix Medical, "The Healing Advantage Cervical-Stim," Aug. 8, 2013, retrieved from Twitter Apr. 4, 2018 <https://pbs.twimg.com/media/BRLVrARCYAAOY2T.jpg:large>, 2 pages.

Abrexix Medical, "The Healing Advantage Spinal-Stim," Aug. 8, 2013, retrieved from Twitter Apr. 4, 2018 <https://pbs.twimg.com/media/BRLVjnGCQAAYU9A.jpg:large>, 2 pages.

\* cited by examiner



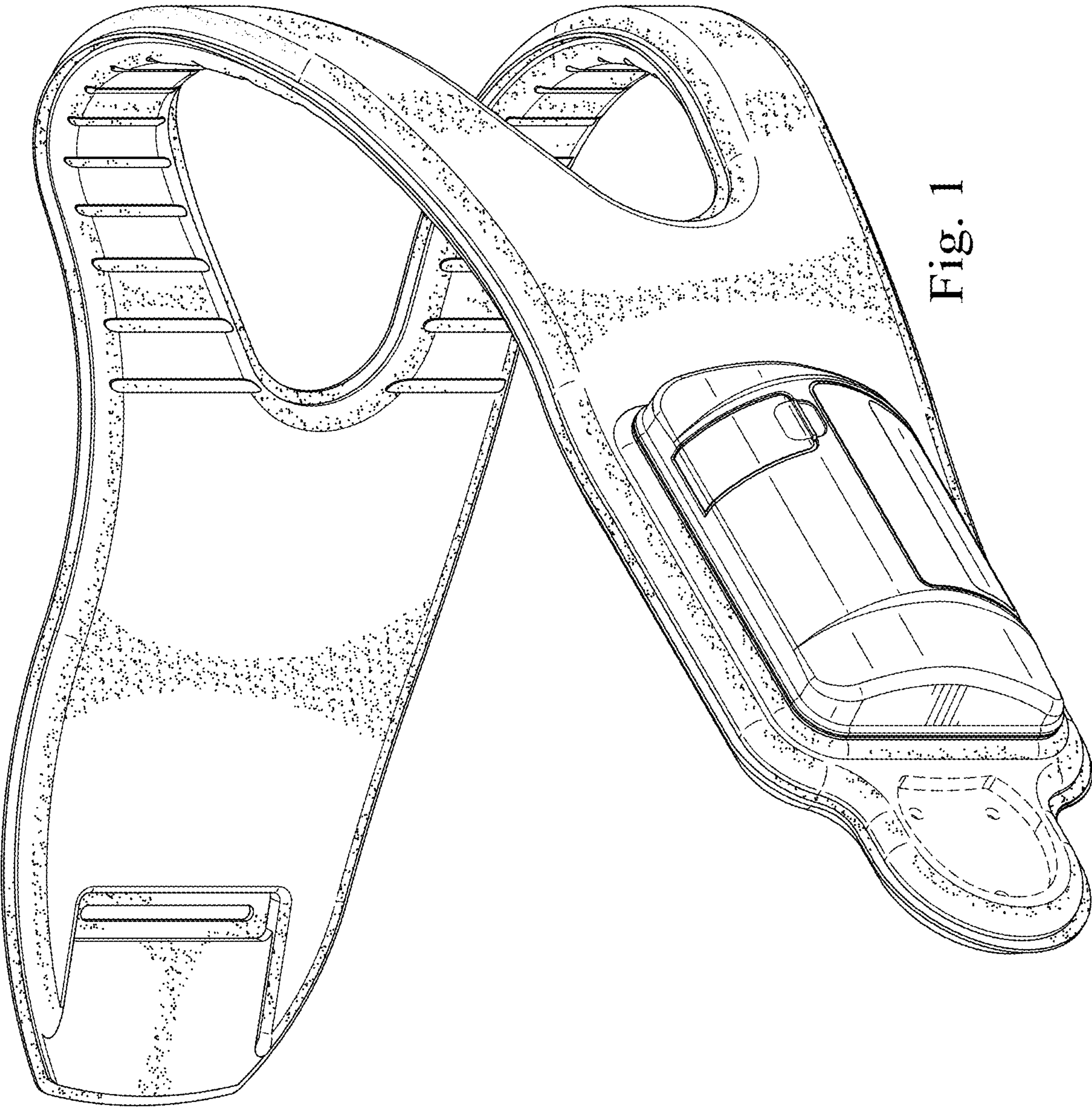


Fig. 1

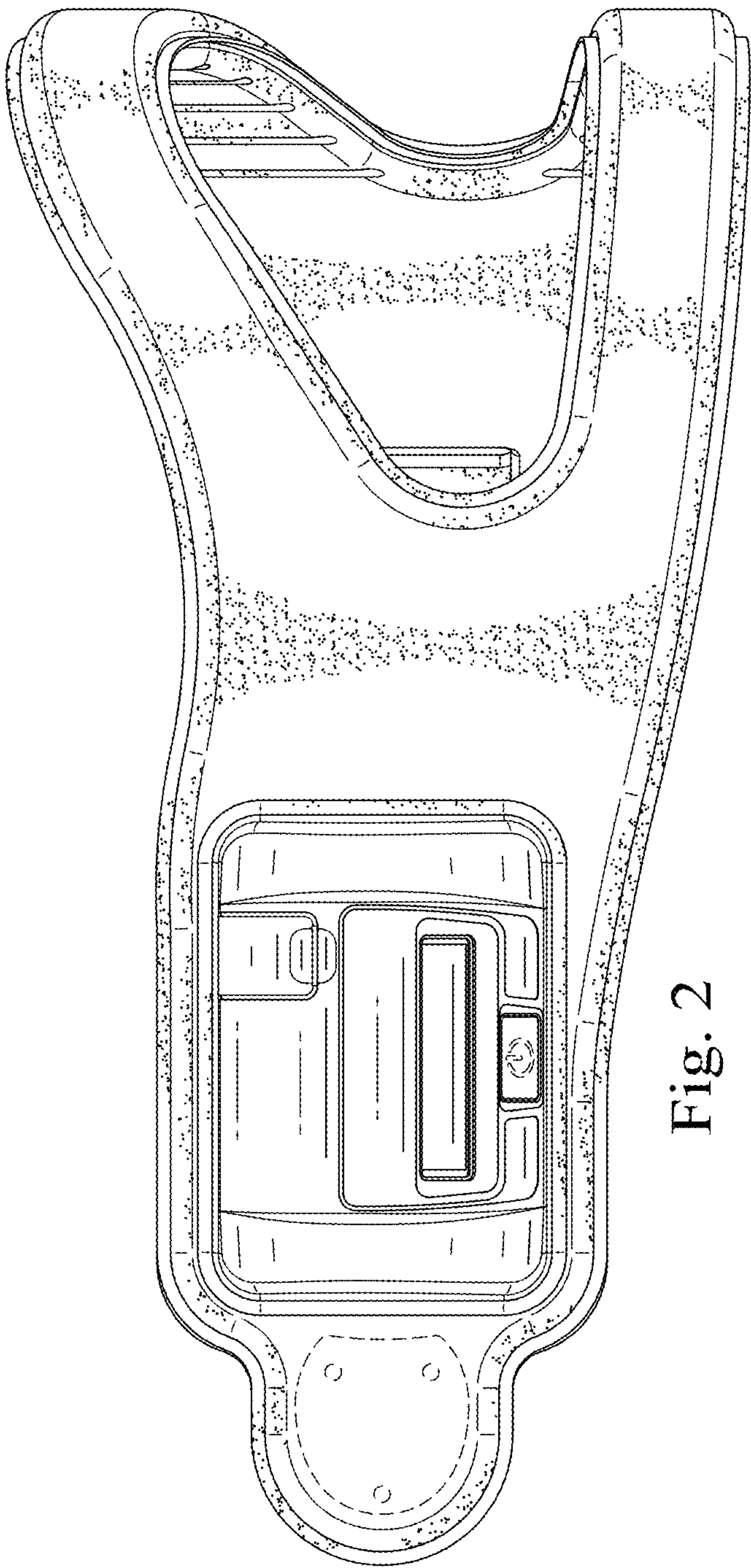
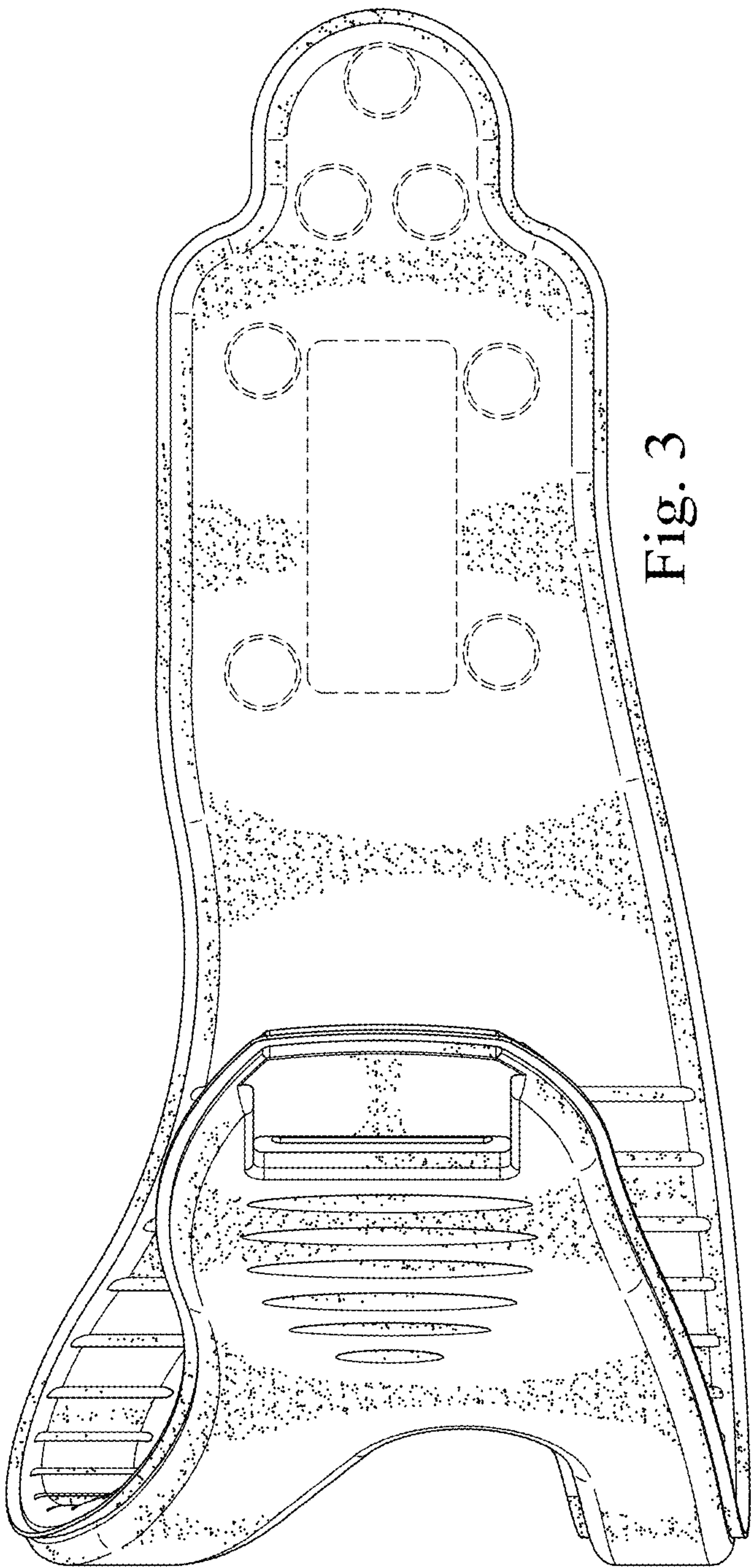


Fig. 2





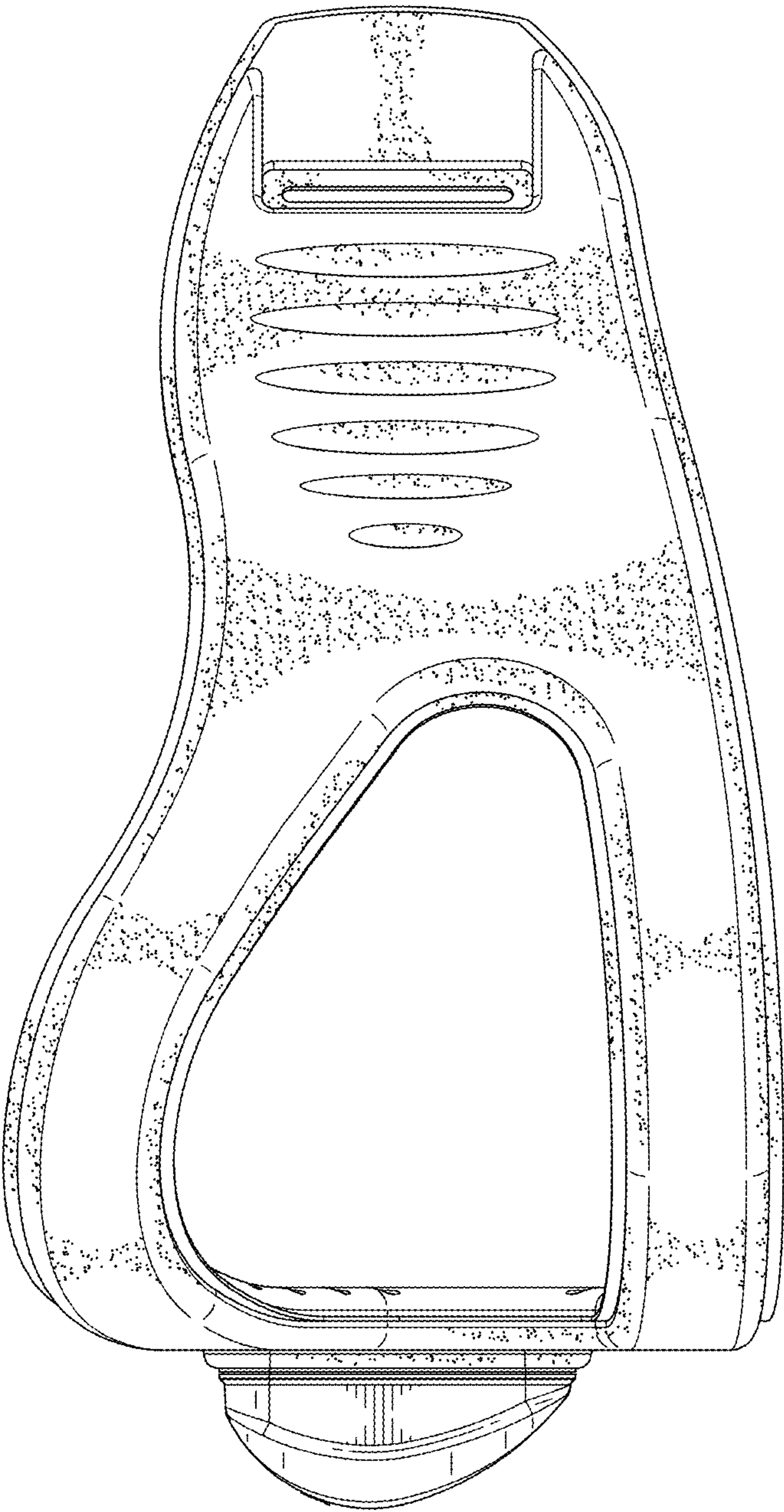


Fig. 4

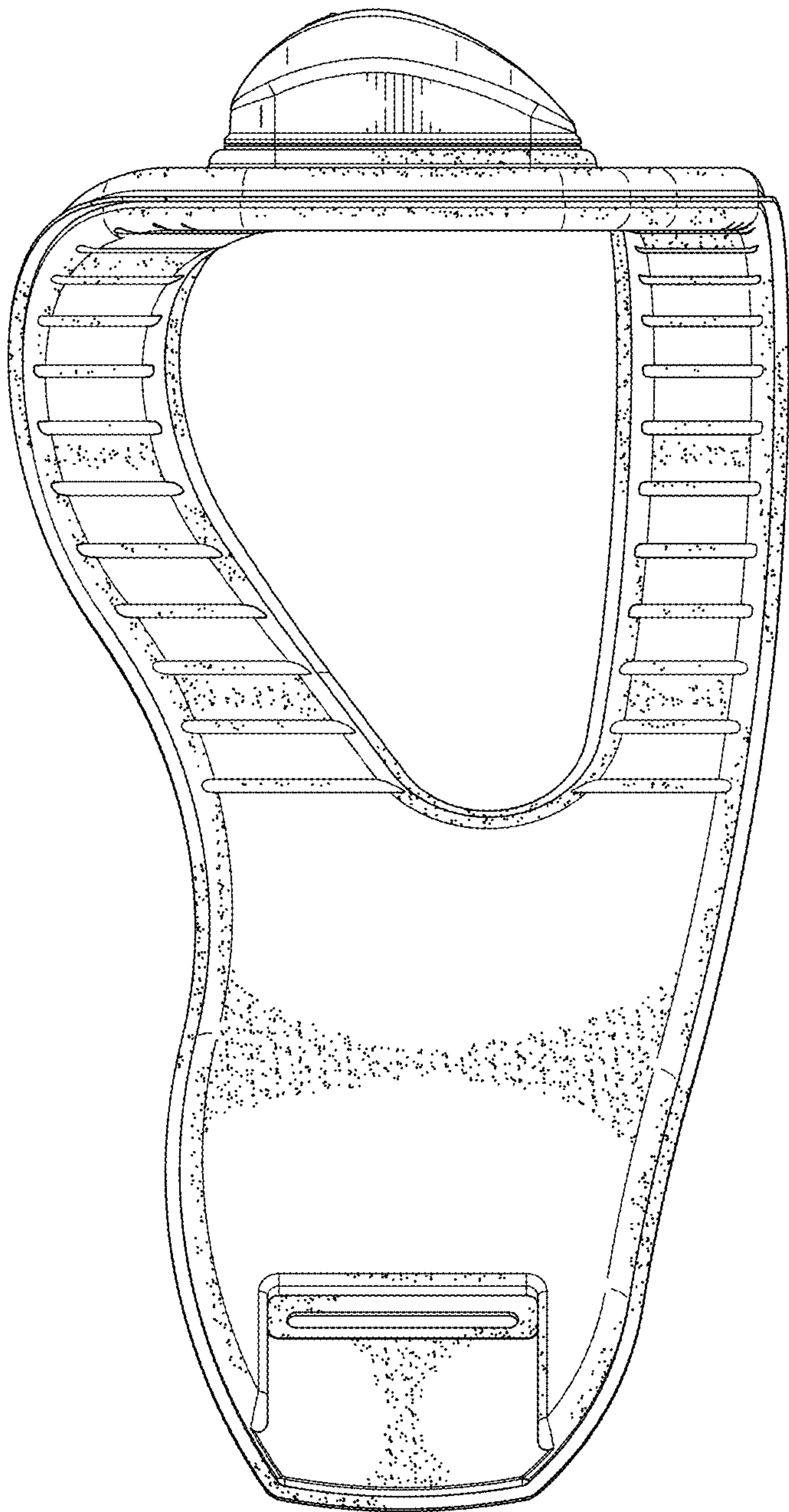
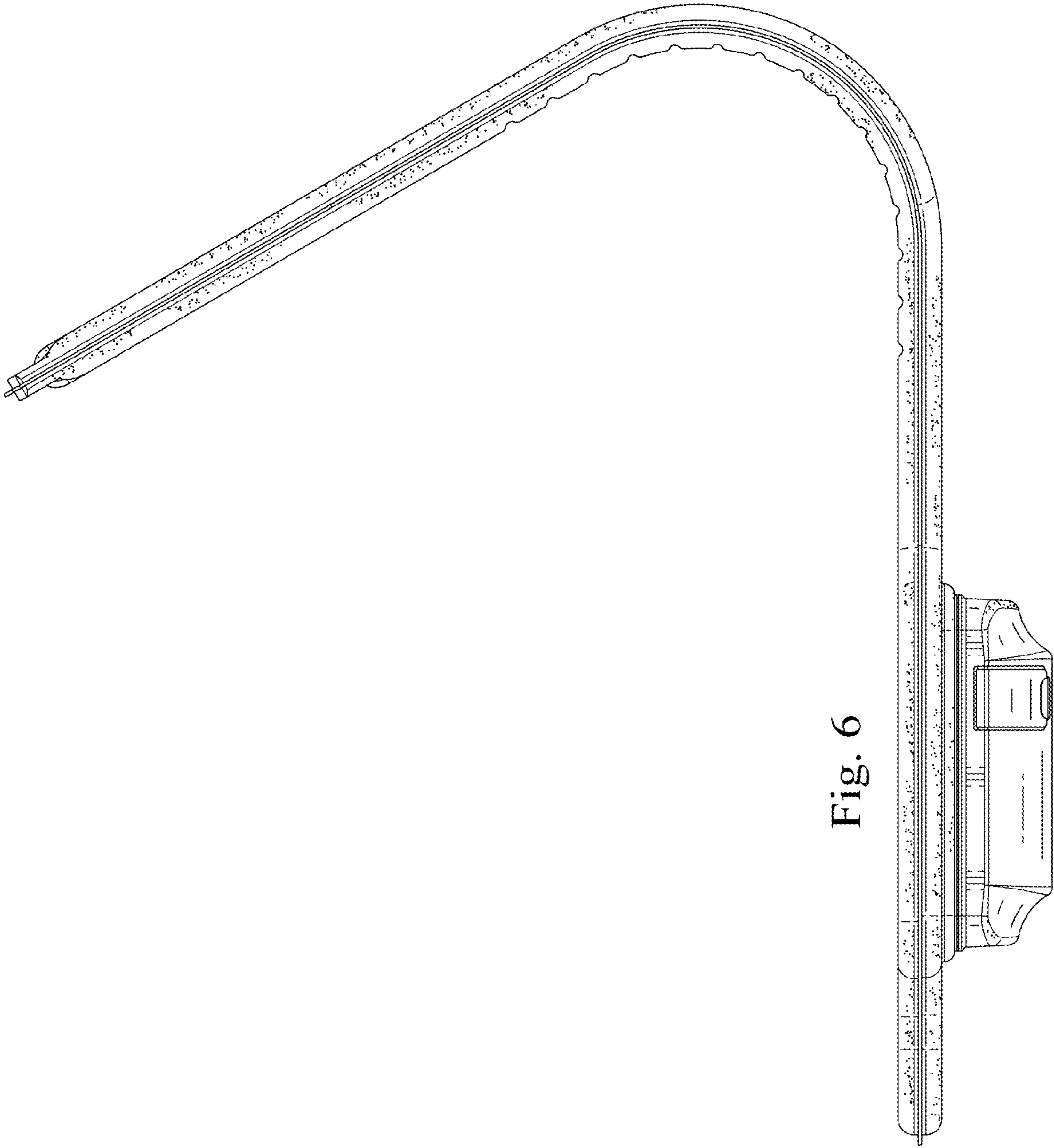


Fig. 5





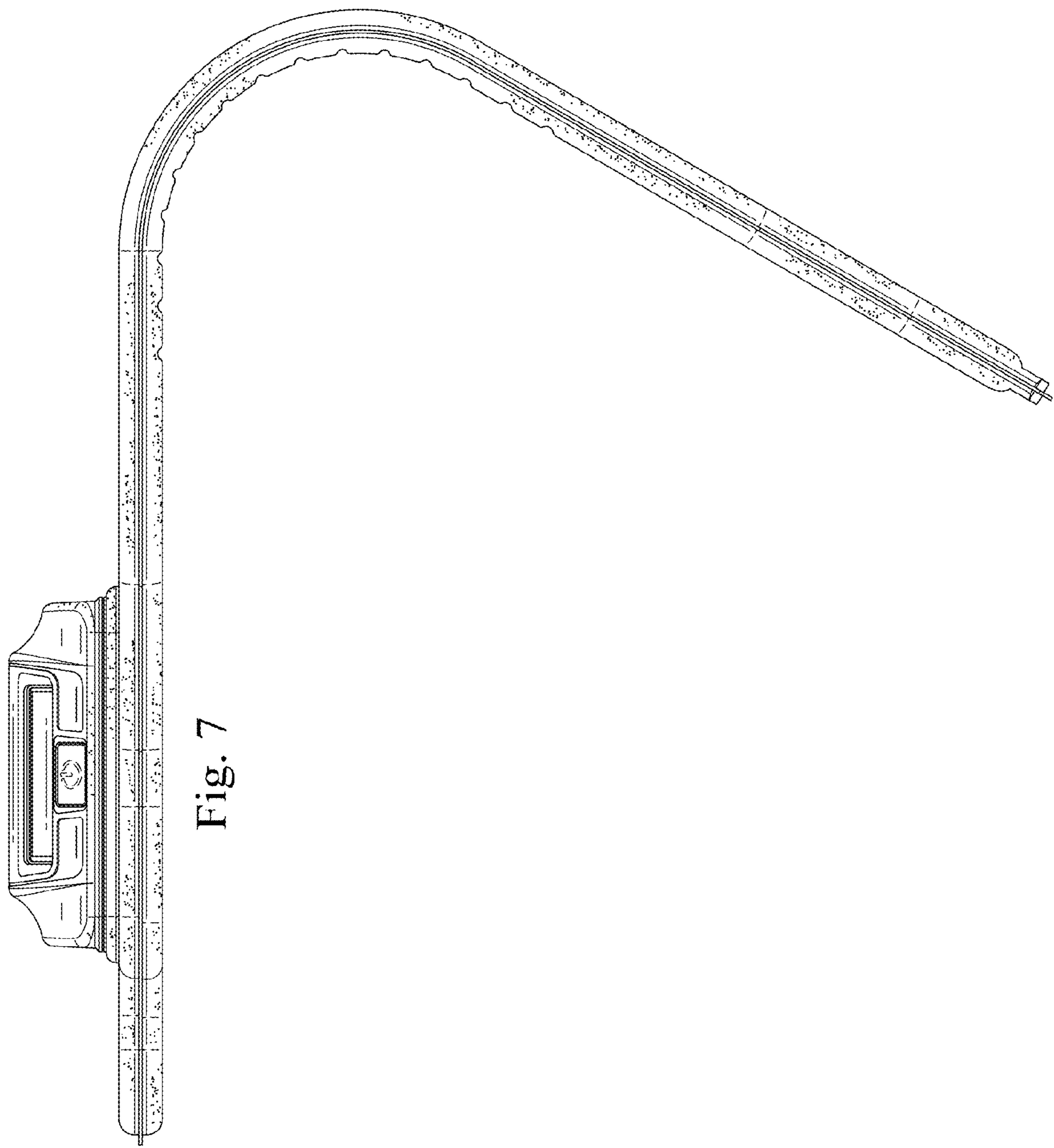


Fig. 7

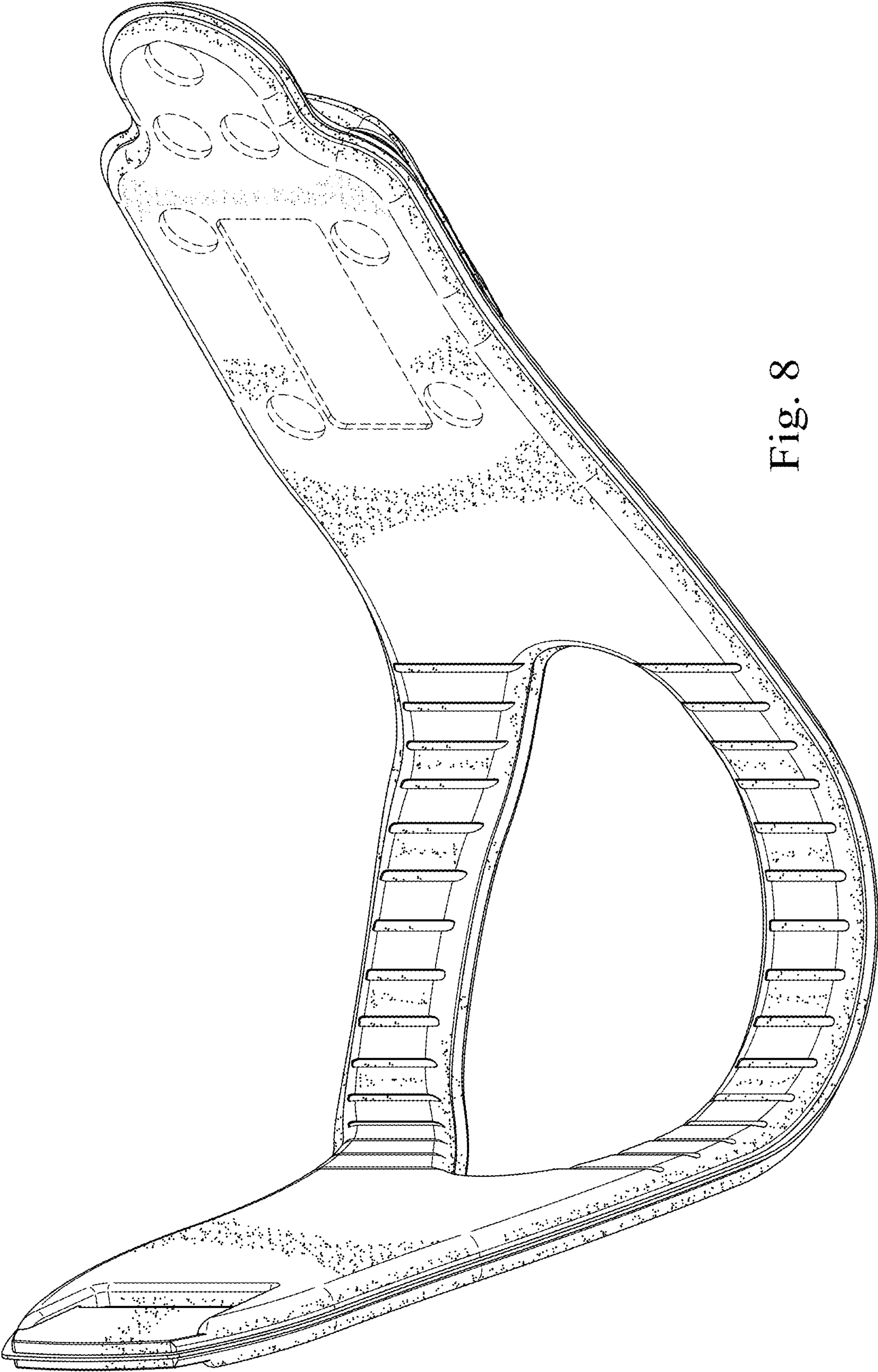


Fig. 8

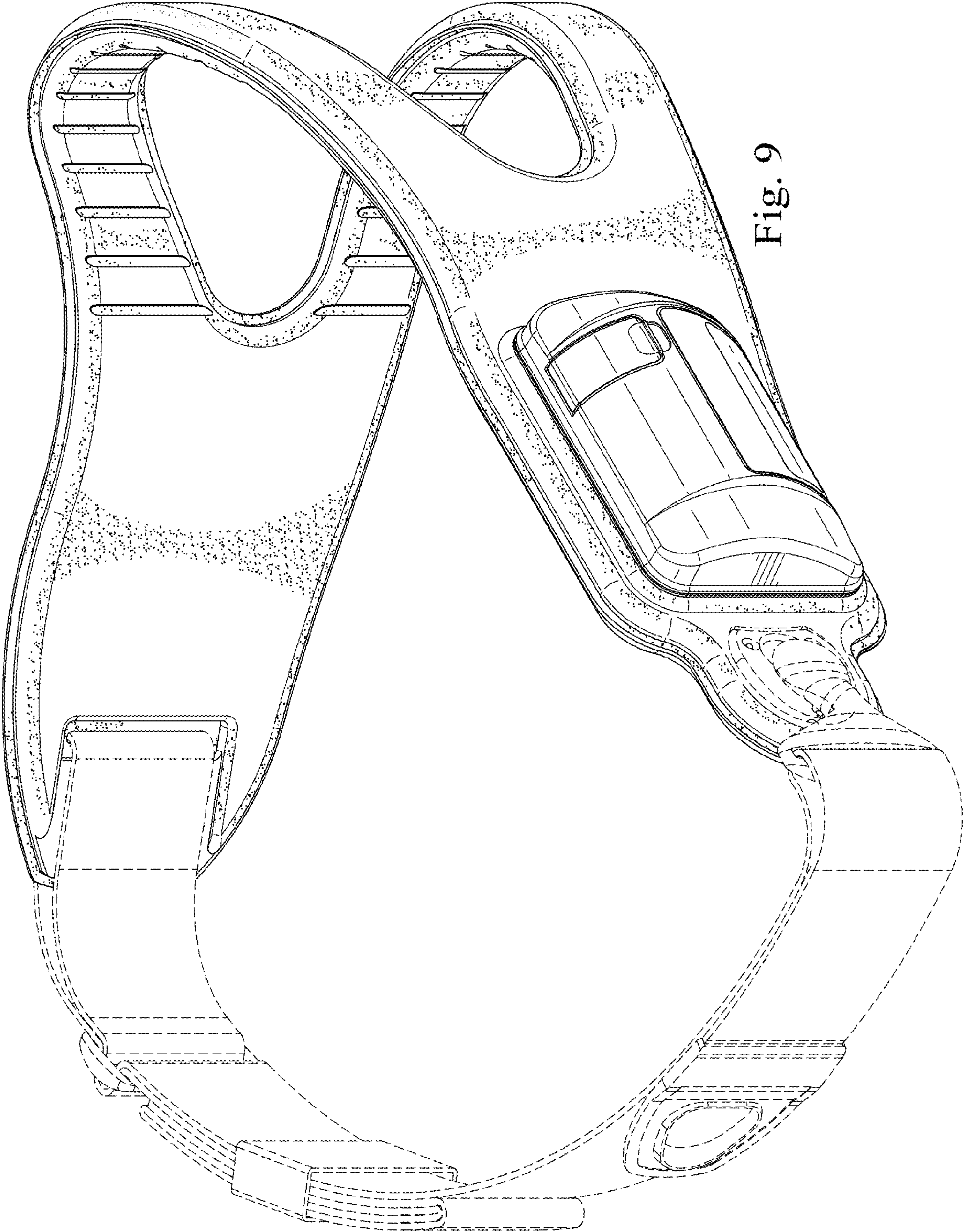


Fig. 9



UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : D871,597 S  
APPLICATION NO. : 29/639289  
DATED : December 31, 2019  
INVENTOR(S) : Steve Blake

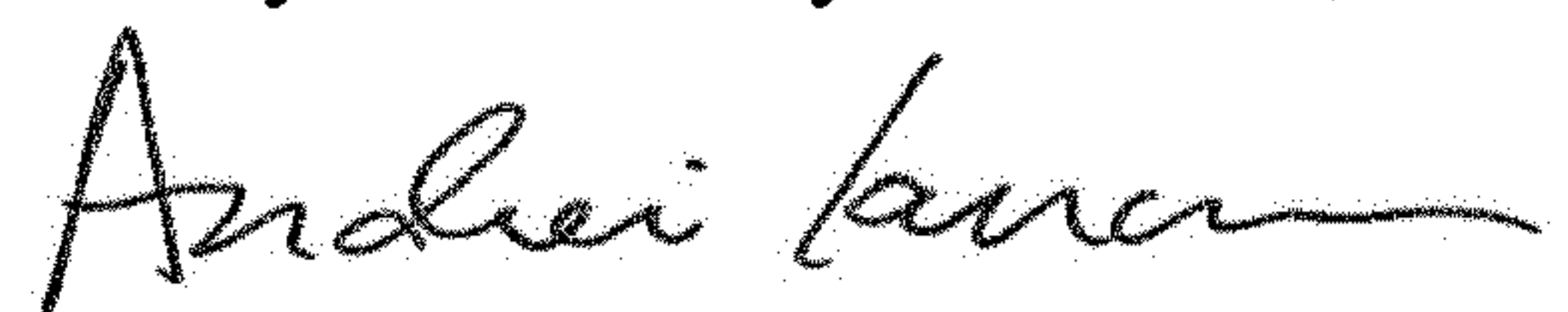
Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

On the Title Page

In the Description, Line 2, change "29/369,258" to -- 29/639,258 --

Signed and Sealed this  
Twenty-fourth Day of March, 2020

A handwritten signature in black ink, appearing to read "Andrei Iancu", written in a cursive style.

Andrei Iancu  
*Director of the United States Patent and Trademark Office*