



US00D958978S

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

(10) **Patent No.:** **US D958,978 S**

(45) **Date of Patent:** **** Jul. 26, 2022**

(54) **RETRACTOR**

(71) Applicant: **AZURMEDS INC.**, Chicago, IL (US)

(72) Inventor: **Christopher Robert Chuinard**,
Traverse City, MI (US)

(73) Assignee: **AZURMEDCS INC.**, Dallas, TX (US)

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

(21) Appl. No.: **29/788,016**

(22) Filed: **Feb. 10, 2021**

(30) **Foreign Application Priority Data**

Dec. 11, 2020 (EM) 008316632-0001
Dec. 11, 2020 (EM) 008316632-0002

(51) **LOC (13) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/135**

(58) **Field of Classification Search**
USPC D24/135, 133
CPC A61B 17/0206; A61B 2017/00473; A61B
2017/2837; A61B 2090/0813
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D127,463 S * 5/1941 Nerbas D24/152
D328,347 S * 7/1992 Santora D24/152
D345,796 S * 4/1994 Pernicka D24/150
5,351,680 A * 10/1994 Jung A61B 17/02
D24/135
D450,676 S * 11/2001 Huttner D24/146
D522,140 S * 5/2006 Stalcup D24/135
D549,331 S * 8/2007 Tomatsu D24/135
D658,285 S * 4/2012 Ryshkus D24/135
D658,288 S * 4/2012 Ryshkus D24/135
D658,289 S * 4/2012 Ryshkus D24/135

D658,290 S * 4/2012 Ryshkus D24/135
D669,171 S * 10/2012 Boedeker D24/135
D671,641 S * 11/2012 Fritzing D24/135
D695,897 S * 12/2013 Splieth D24/135
D776,274 S * 1/2017 Xue D24/135
D803,397 S * 11/2017 Malcolm D24/135
D845,477 S * 4/2019 Shallman D24/135
D877,328 S * 3/2020 Alsiddiky D24/135
D877,330 S * 3/2020 McClunan D24/135

(Continued)

Primary Examiner — Bridget L Eland

(74) *Attorney, Agent, or Firm* — Nixon & Vanderhye

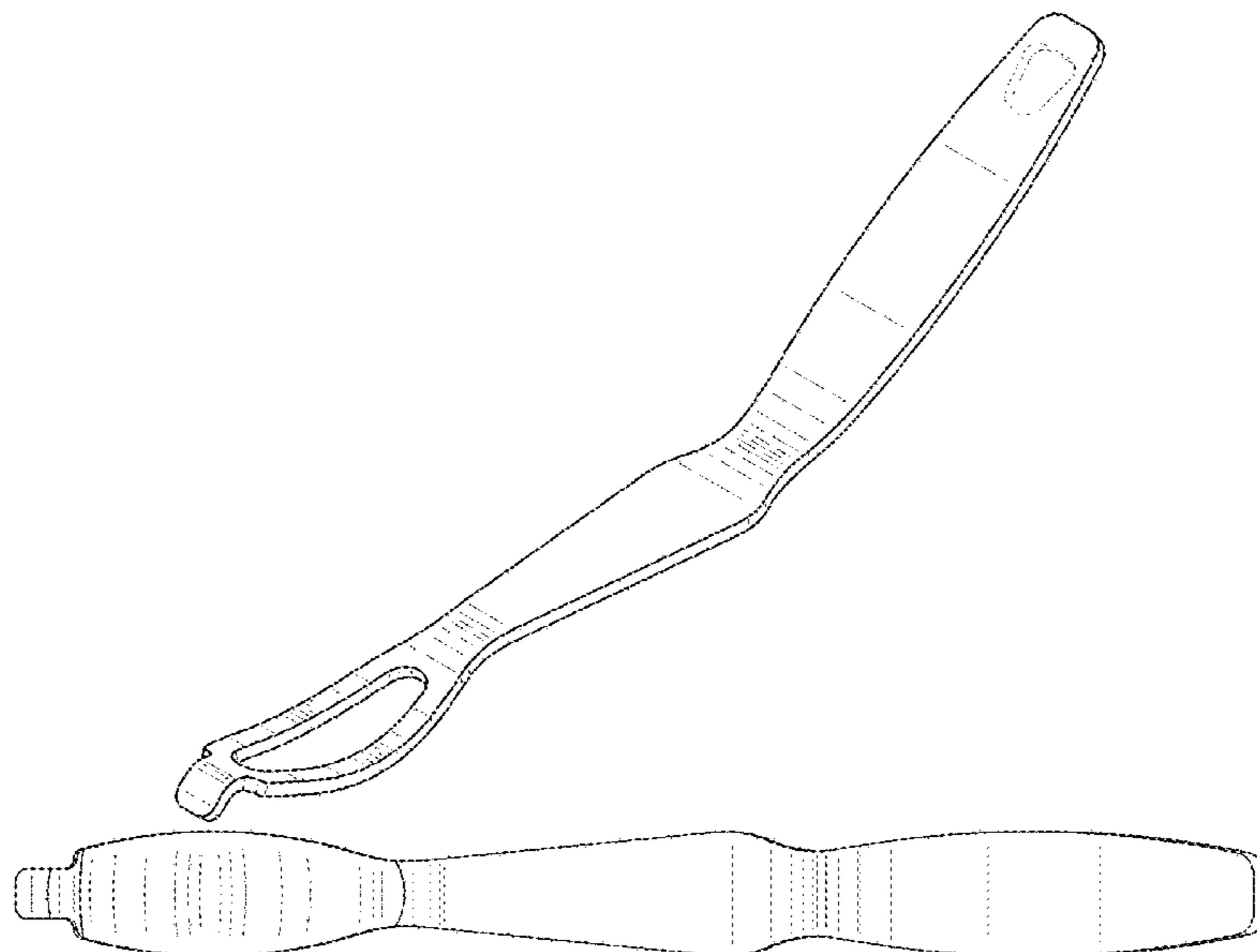
(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a top front perspective of a retractor showing the new design;
FIG. 2 is a side elevation view thereof;
FIG. 3 is an opposite side elevation view thereof;
FIG. 4 is a top plan view thereof;
FIG. 5 is a bottom plan thereof;
FIG. 6 is a rear elevation view thereof;
FIG. 7 is a front elevation view thereof;
FIG. 8 is a top rear perspective view thereof;
FIG. 9 is a top front perspective view of an alternate embodiment of the retractor showing the new design;
FIG. 10 is a side elevation view thereof;
FIG. 11 is an opposite side elevation view thereof;
FIG. 12 is a top plan view thereof;
FIG. 13 is a bottom plan thereof;
FIG. 14 is a rear elevation view thereof;
FIG. 15 is a front elevation view thereof; and,
FIG. 16 is a top rear perspective view thereof.
The broken lines in the drawings show portions of the retractor that form no part of the claimed design in the embodiment in which they are shown.

1 Claim, 10 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D949,334 S *	4/2022	Trujillo	D24/135
2009/0204148 A1 *	8/2009	Lenke	A61B 17/02 606/90
2012/0316430 A1 *	12/2012	Aldag	A61B 17/02 600/424
2014/0039267 A1 *	2/2014	Seex	A61B 17/08 600/206

* cited by examiner

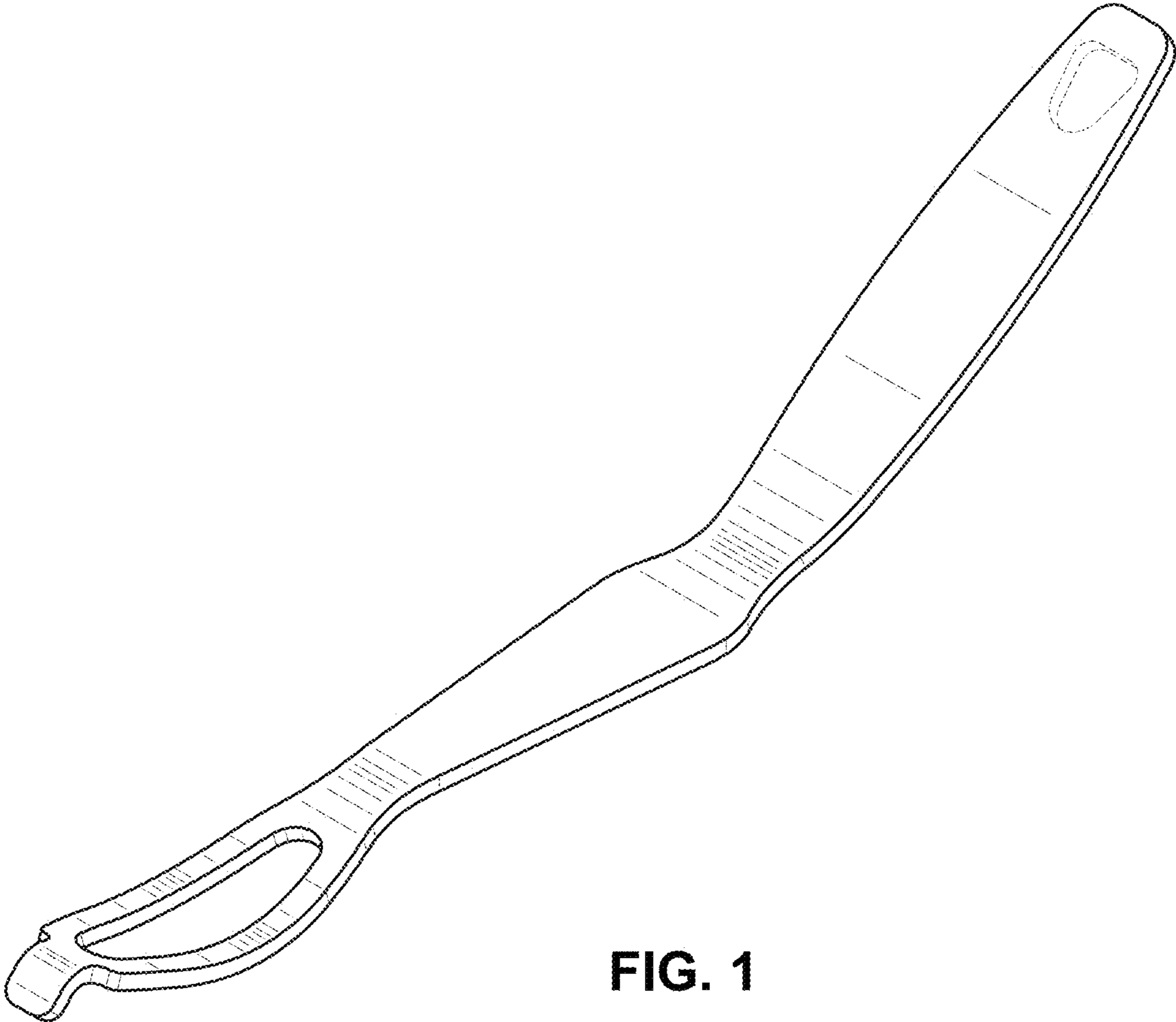


FIG. 1

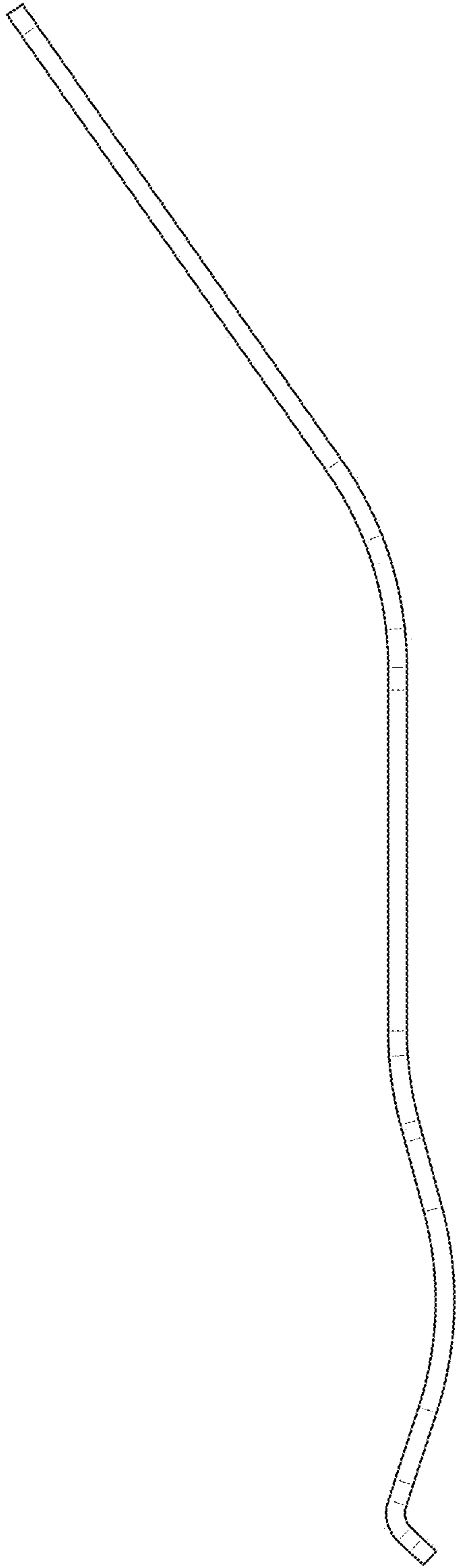


FIG. 2

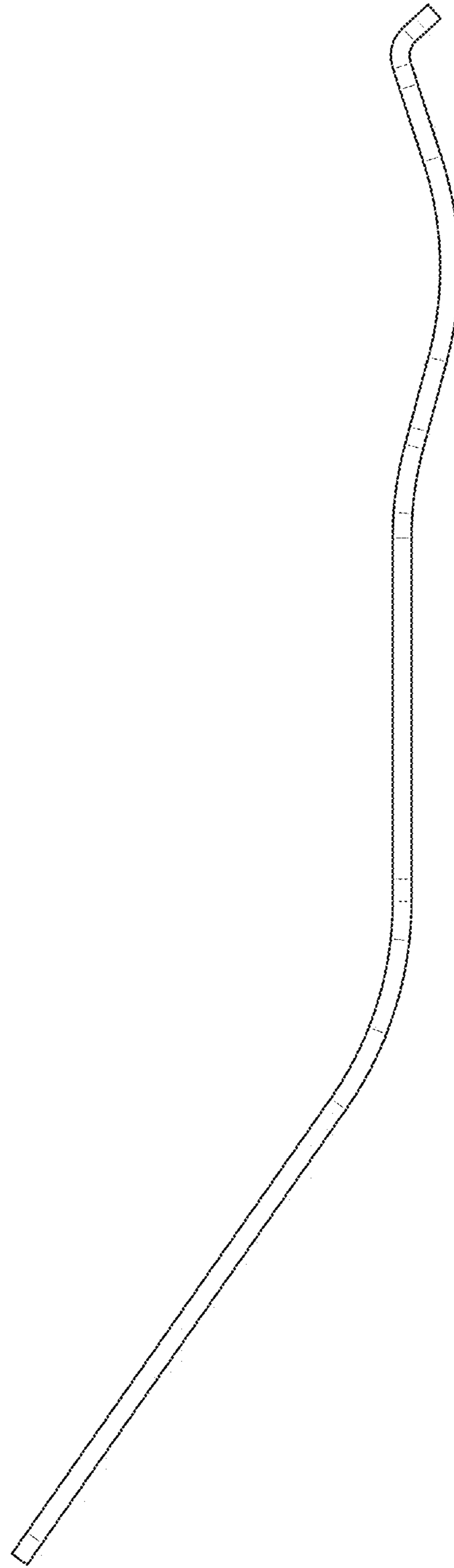


FIG. 3

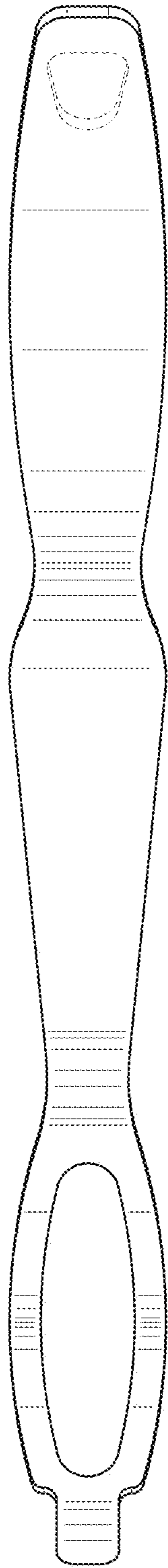


FIG. 4

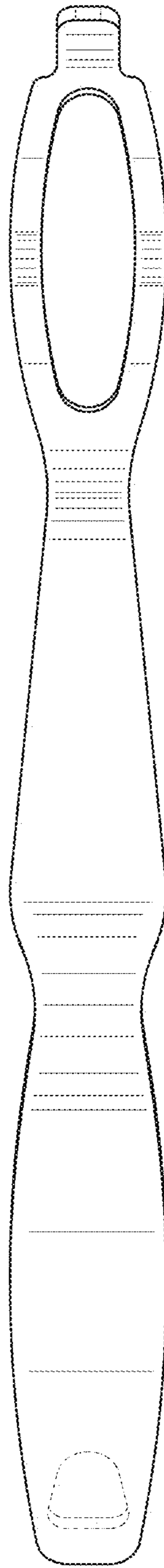


FIG. 5

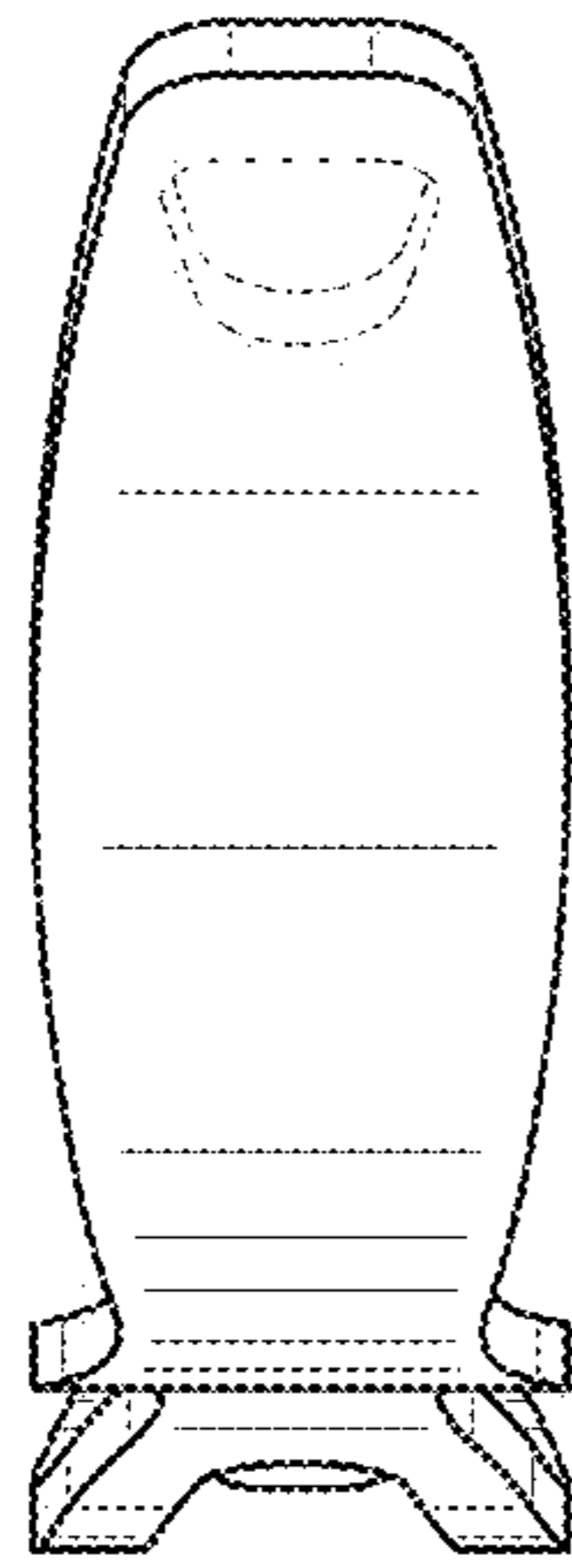


FIG. 6

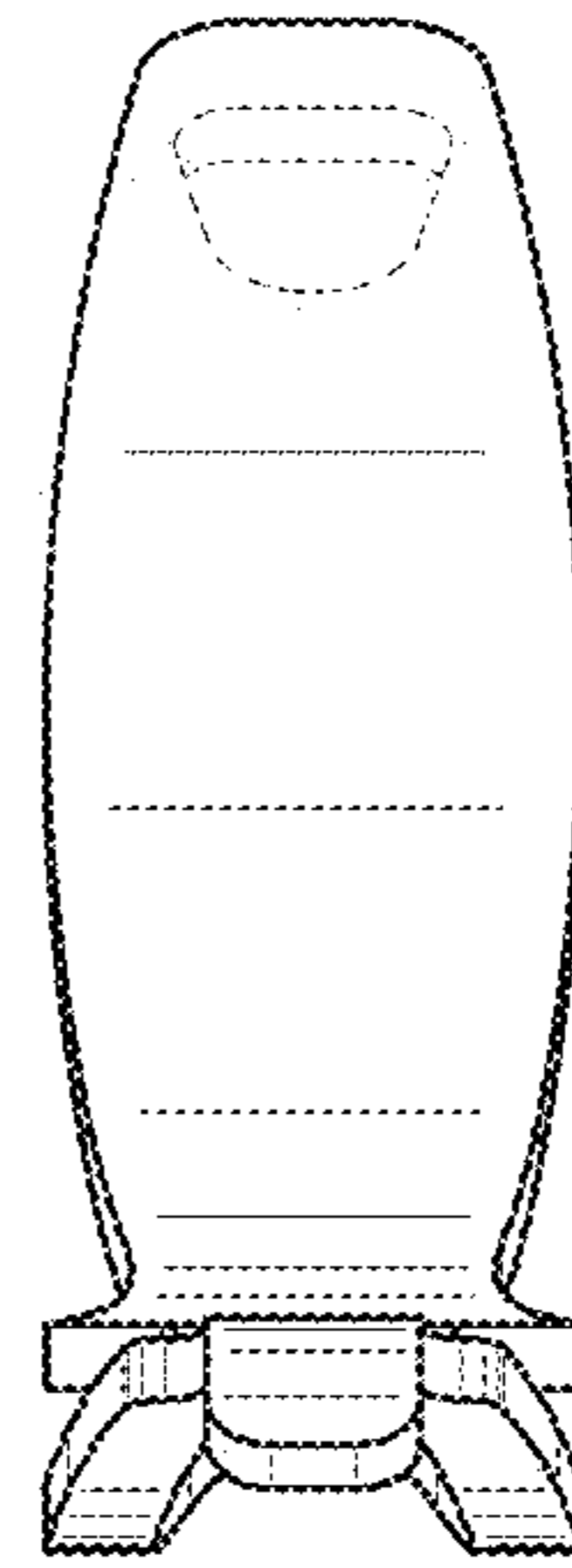


FIG. 7

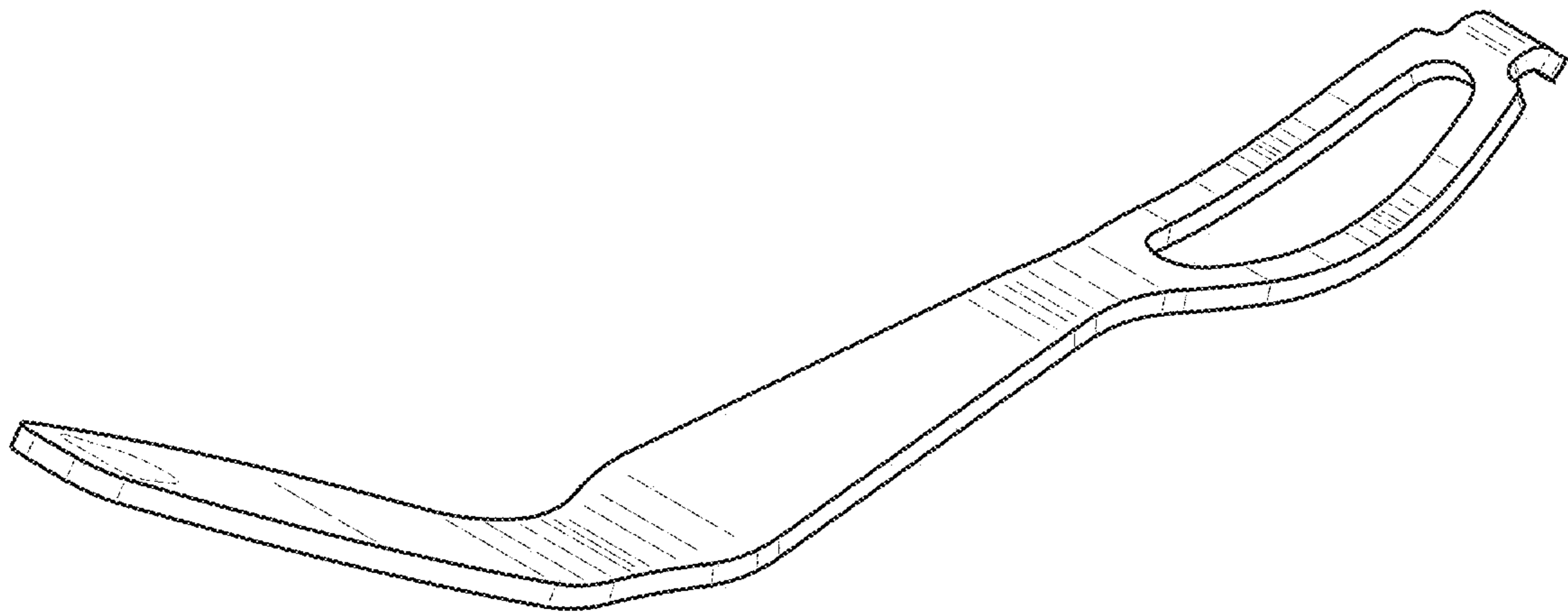


FIG. 8

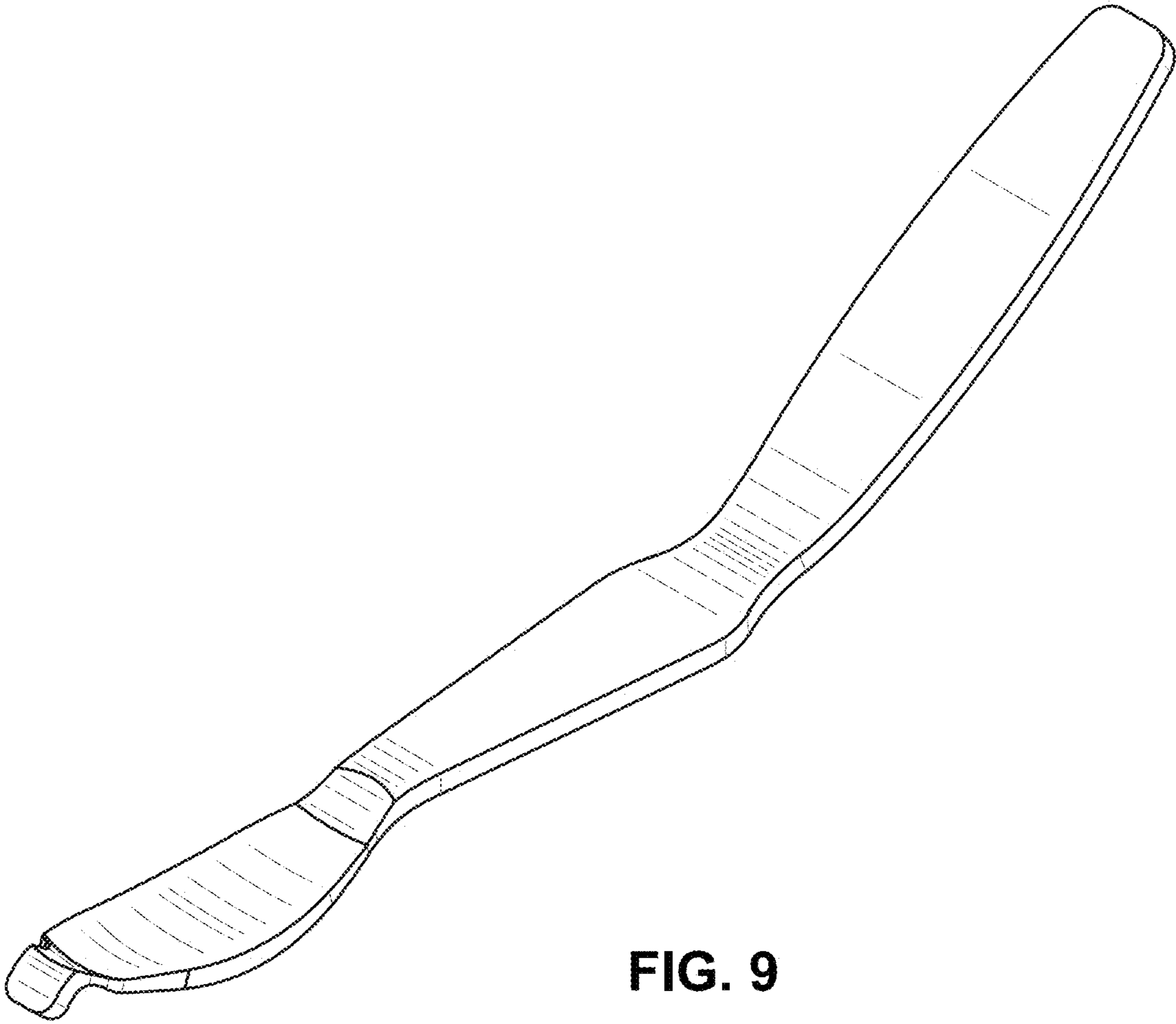


FIG. 9

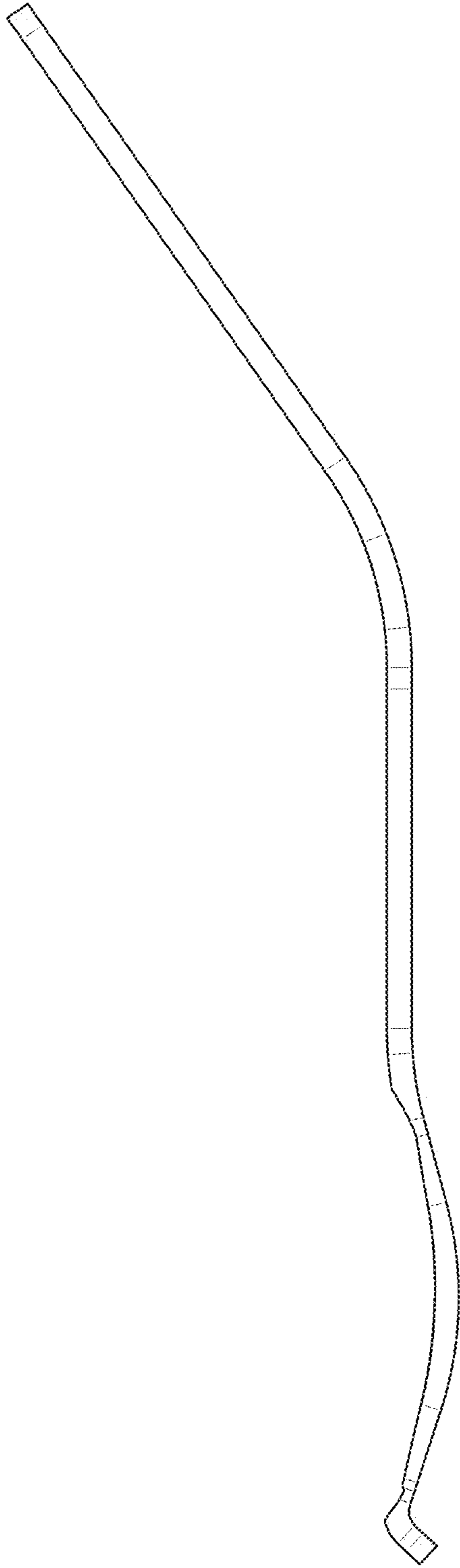


FIG. 10

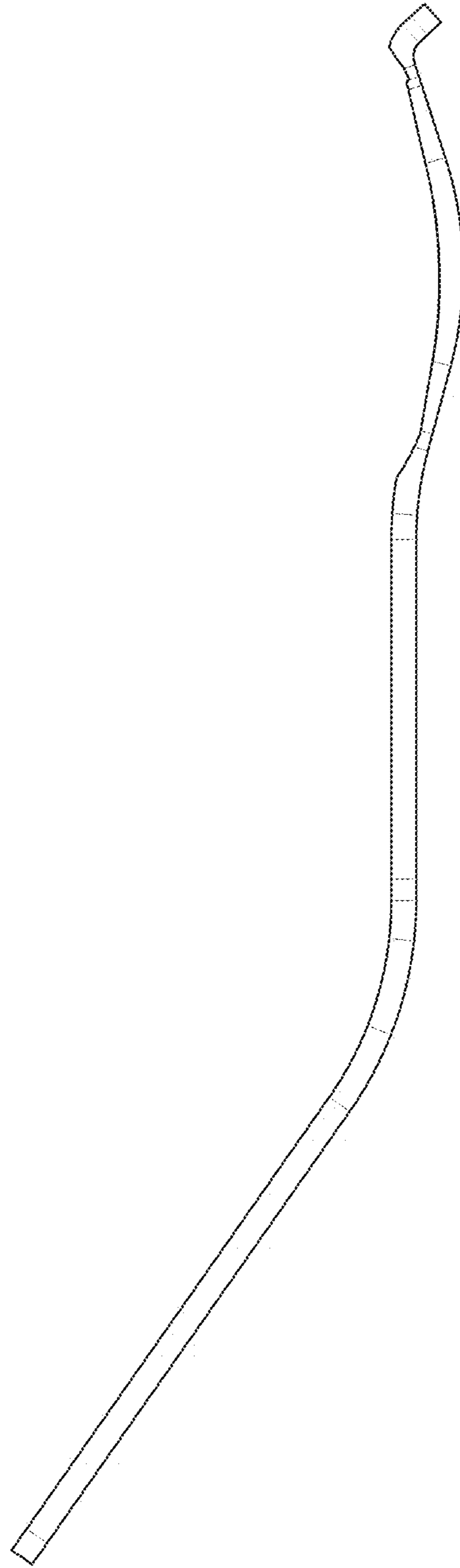


FIG. 11

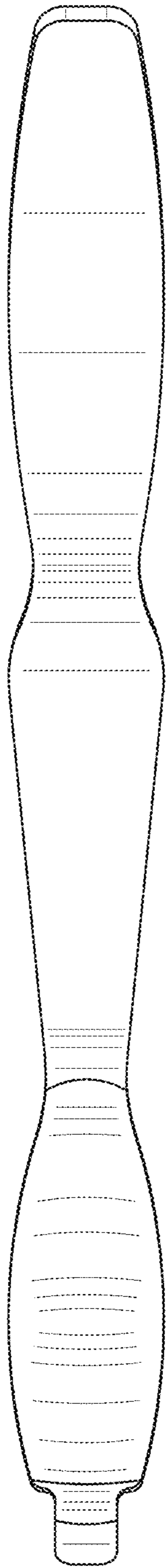


FIG. 12

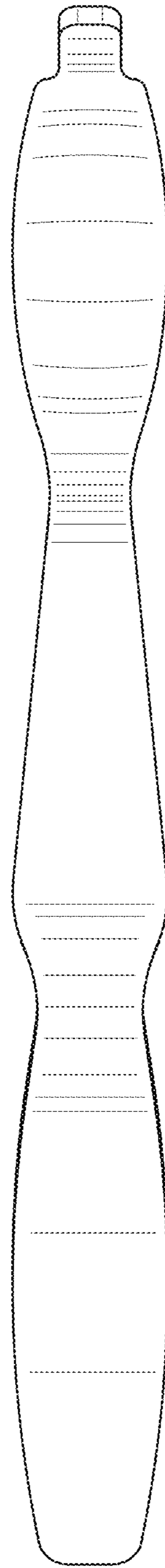


FIG. 13

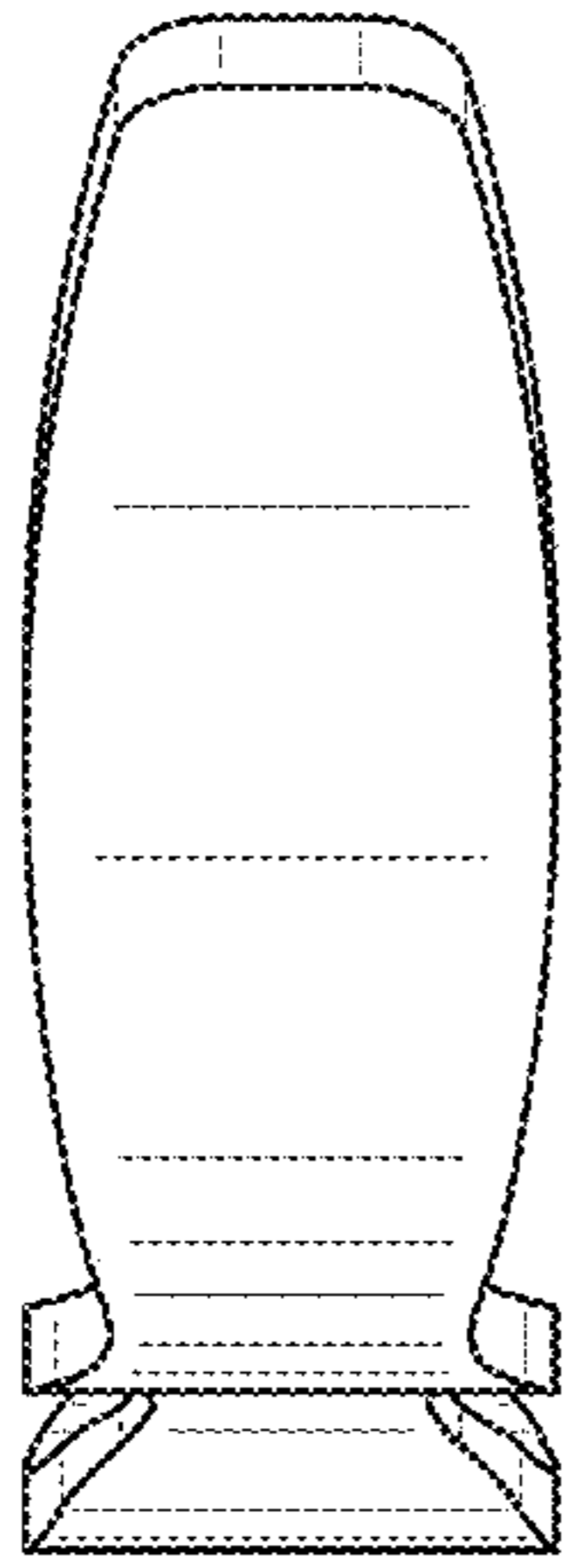


FIG. 14

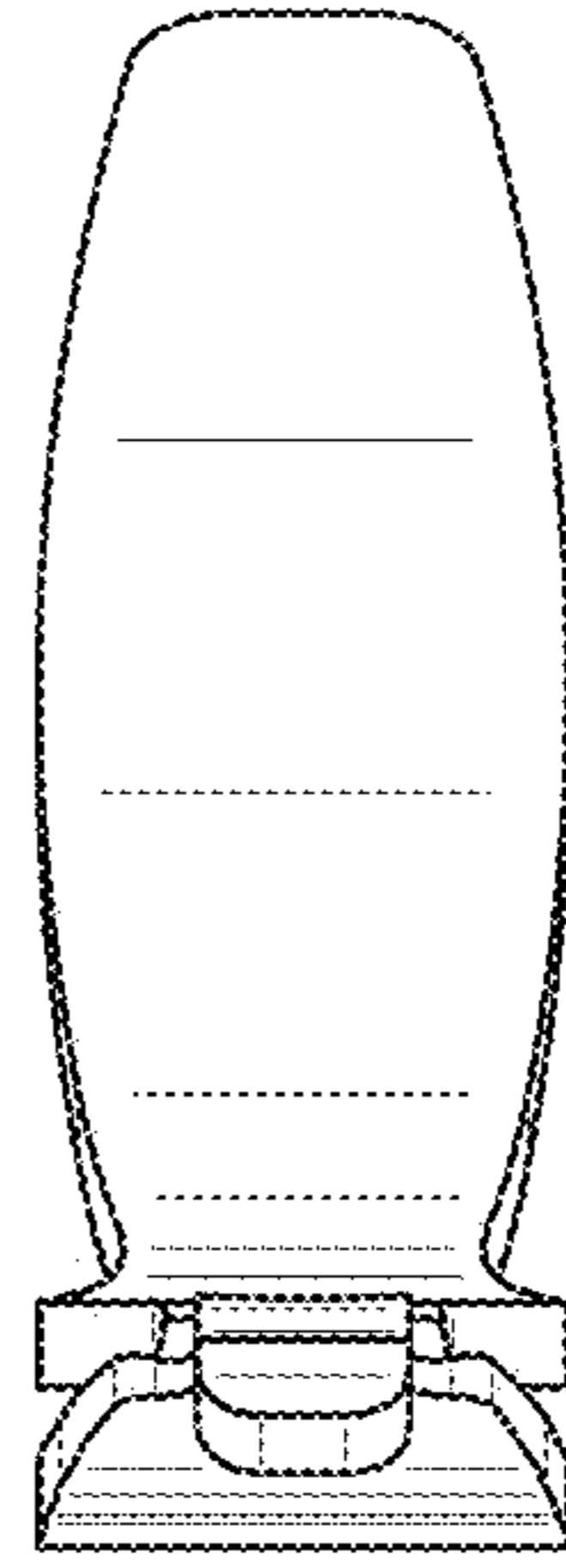


FIG. 15

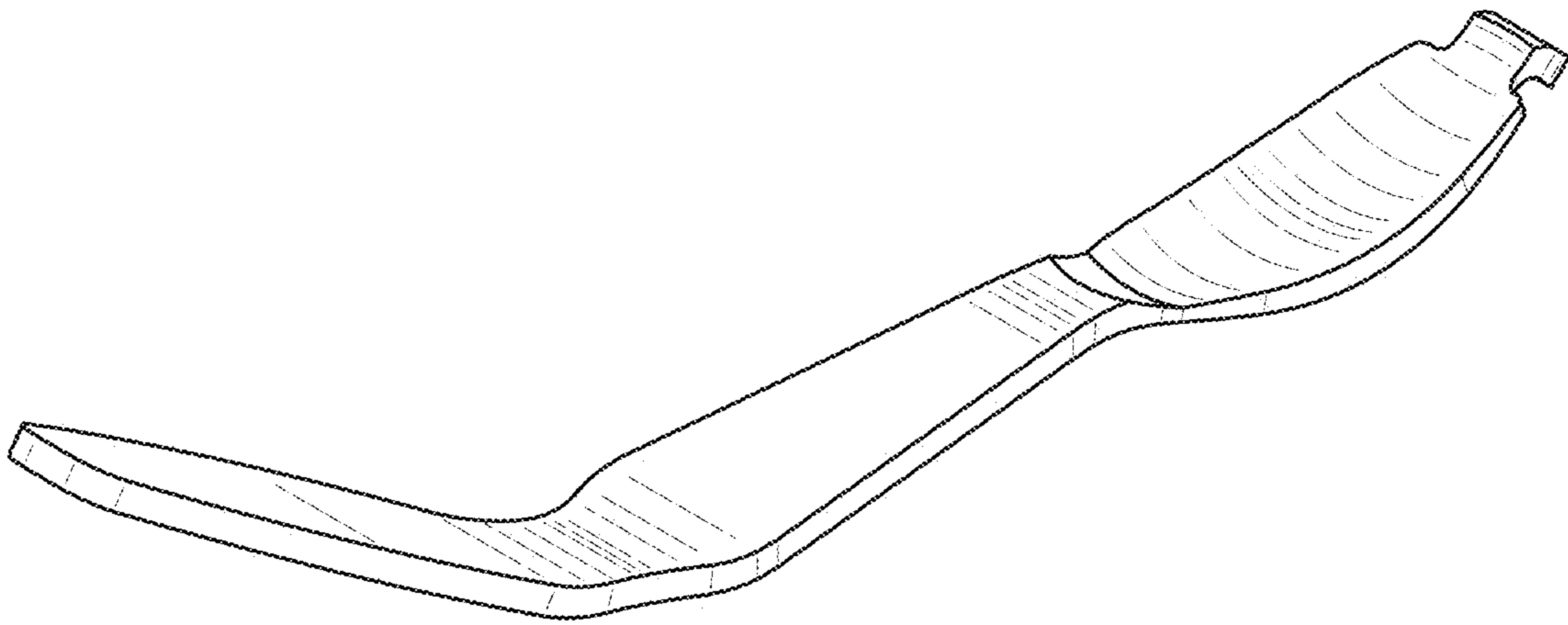


FIG. 16