

US00D842472S

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

(10) **Patent No.:** **US D842,472 S**

(45) **Date of Patent:** **\*\* Mar. 5, 2019**

(54) **TISSUE CLEANER**

(71) Applicant: **Lori Townsend**, Irvine, CA (US)

(72) Inventor: **Lori Townsend**, Irvine, CA (US)

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

(21) Appl. No.: **29/562,504**

(22) Filed: **Apr. 26, 2016**

(51) **LOC (11) Cl.** ..... **24-02**

(52) **U.S. Cl.**

USPC ..... **D24/147**

(58) **Field of Classification Search**

USPC ..... D24/133, 136, 146, 147; D4/104, 108,  
D4/110, 111, 112; 433/91, 95; 606/161;  
D7/682, 683, 693, 695, 368, 669;  
30/114, 142, 286, 298.4; 452/102, 141,  
452/145, 146, 147; D8/6, 7, 8, 9, 10, 11,  
D8/12, 13, 20, 92, 99

CPC ... A61B 17/244; A61B 17/24; A46B 15/0081;  
A46B 15/0055; A46B 15/0069; A46B  
15/0071; A46B 3/005; A46B 3/04; A46B

(Continued)

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D145,004 S \* 6/1946 Browne et al. .... 7/113  
D149,961 S \* 6/1948 Mason ..... D7/682  
D152,117 S \* 12/1948 Morfesi ..... D7/682

(Continued)

**FOREIGN PATENT DOCUMENTS**

WO WO 2017/075097 5/2017

**OTHER PUBLICATIONS**

“Cartilage Graspers” Innomed <http://www.innomed.net/PDFsInnomed/InnoCartilageGrasper.pdf> Mar. 22, 2015 (Year: 2015).\*

(Continued)

*Primary Examiner* — Cathron C Brooks

*Assistant Examiner* — Samantha Q. Lawrence

(74) *Attorney, Agent, or Firm* — Sterne, Kessler,  
Goldstein & Fox P.L.L.C.

(57) **CLAIM**

The ornamental design for a tissue cleaner, as shown and described.

**DESCRIPTION**

FIG. 1 is a front view of a tissue cleaner according to an embodiment of the new design;

FIG. 2 is a right view thereof;

FIG. 3 is a left view thereof;

FIG. 4 is a top view thereof;

FIG. 5 is a bottom view thereof;

FIG. 6 is a front-right-bottom perspective view thereof;

FIG. 7 is a magnified view of a portion of the tissue cleaner shown in FIG. 6;

FIG. 8 is a front-left-bottom perspective view thereof;

FIG. 9 is a magnified view of a portion of the tissue cleaner shown in FIG. 8;

FIG. 10 is a front view of a tissue cleaner according to another embodiment of the new design;

FIG. 11 is a right view thereof;

FIG. 12 is a left view thereof;

FIG. 13 is a top view thereof;

FIG. 14 is a bottom view thereof;

FIG. 15 is a front-right-bottom perspective view thereof;

FIG. 16 is a magnified view of a portion of the tissue cleaner shown in FIG. 15; and

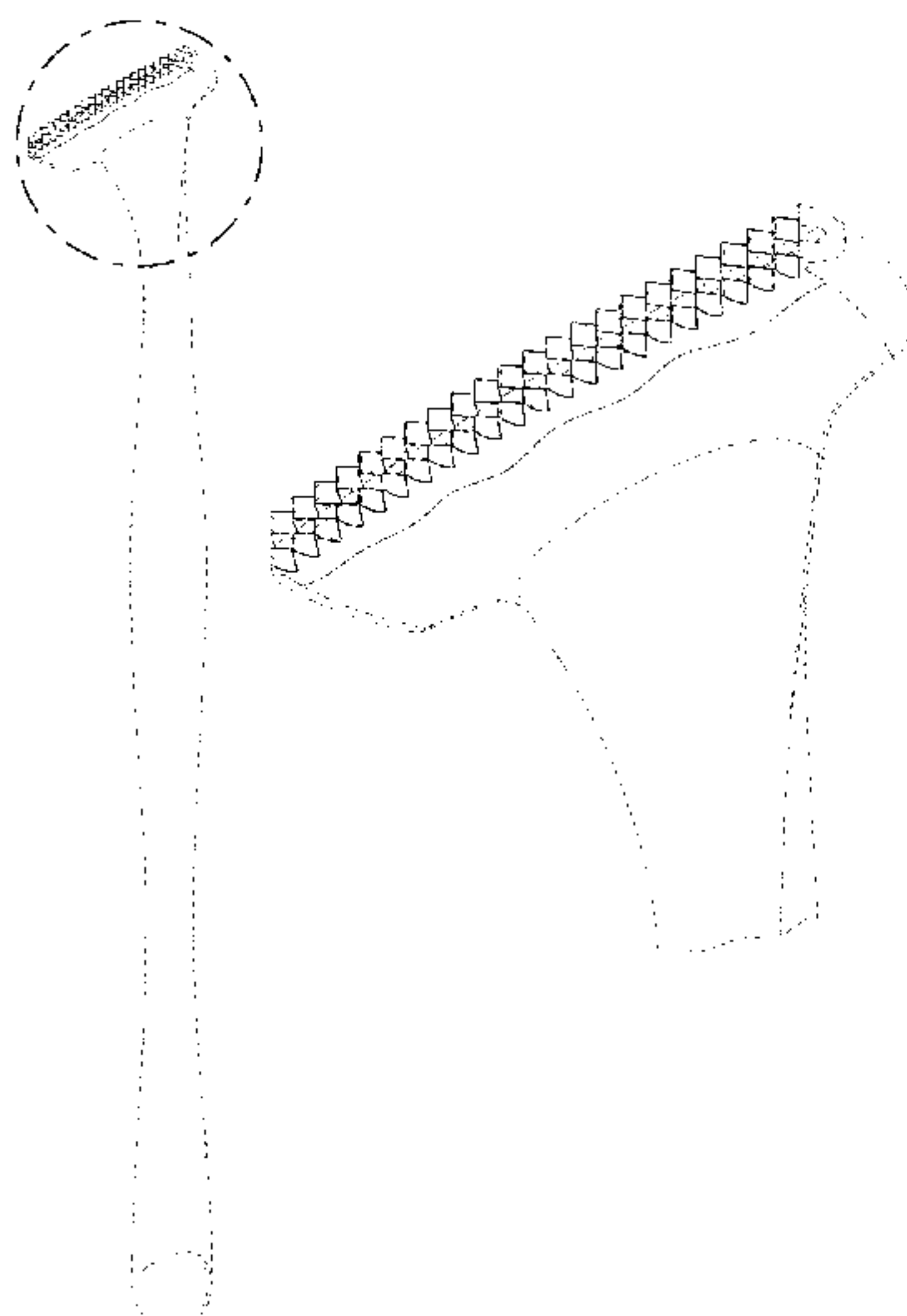
FIG. 17 is a front-left bottom perspective view thereof; and,

FIG. 18 is a magnified view of a portion of the tissue cleaner shown in FIG. 17.

The dashed broken lines in the figures show portions of the tissue cleaner that form no part of the claimed design.

The dot-dash broken lines in the figures show boundaries that form no part of the claimed design.

**1 Claim, 8 Drawing Sheets**



(58) **Field of Classification Search**

CPC ..... 3/06; A46D 1/00; A46D 1/0276; A61C  
15/00; B25G 1/102; B26B 23/00  
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D394,705 S \* 5/1998 Gupta ..... D24/147  
5,779,475 A \* 7/1998 Patel ..... A46B 15/00  
15/236.08  
D397,219 S \* 8/1998 Rangel ..... D24/147  
5,810,856 A \* 9/1998 Tveras ..... A46B 15/00  
15/111  
D406,891 S \* 3/1999 Smith ..... D24/147  
D527,821 S \* 9/2006 Cwik ..... D24/147  
D537,165 S \* 2/2007 Leite ..... D24/147  
D552,238 S \* 10/2007 Zwart ..... D24/146  
D552,795 S \* 10/2007 Wonderley ..... D24/133  
D555,994 S \* 11/2007 Kanzawa ..... D8/20  
D567,945 S \* 4/2008 Foster ..... D24/147  
D604,909 S \* 11/2009 Fierus ..... D24/147  
D639,430 S \* 6/2011 Yoo ..... D24/146

D661,805 S \* 6/2012 Detry ..... D24/146  
D687,276 S \* 8/2013 Ji ..... D8/20  
D730,132 S \* 5/2015 Szanto ..... A61B 17/1637  
D24/133  
D783,166 S \* 4/2017 Champ ..... D24/147  
D809,356 S \* 2/2018 Butscher ..... D8/20  
2013/0291326 A1\* 11/2013 Intel ..... A46B 9/04  
15/167.1  
2015/0342337 A1\* 12/2015 Bloch ..... A46B 15/0036  
15/105  
2016/0058531 A1\* 3/2016 Adriano ..... A46B 3/005  
132/329  
2017/0232939 A1\* 8/2017 Klier ..... B60S 3/045  
294/51

OTHER PUBLICATIONS

“Paderno Stainless-Steel Fish Descaler” Williams Sonoma [https://www.williams-sonoma.com/products/paderno-stainless-steel-fish-descaler/?catalogId=61&sku=2987886&cm\\_ven=PLA&cm\\_cat=Google&cm\\_pla=Cooks%27%20Tools%20%3E%20Seafood%20Tools](https://www.williams-sonoma.com/products/paderno-stainless-steel-fish-descaler/?catalogId=61&sku=2987886&cm_ven=PLA&cm_cat=Google&cm_pla=Cooks%27%20Tools%20%3E%20Seafood%20Tools) Date Unknown.\*

\* cited by examiner

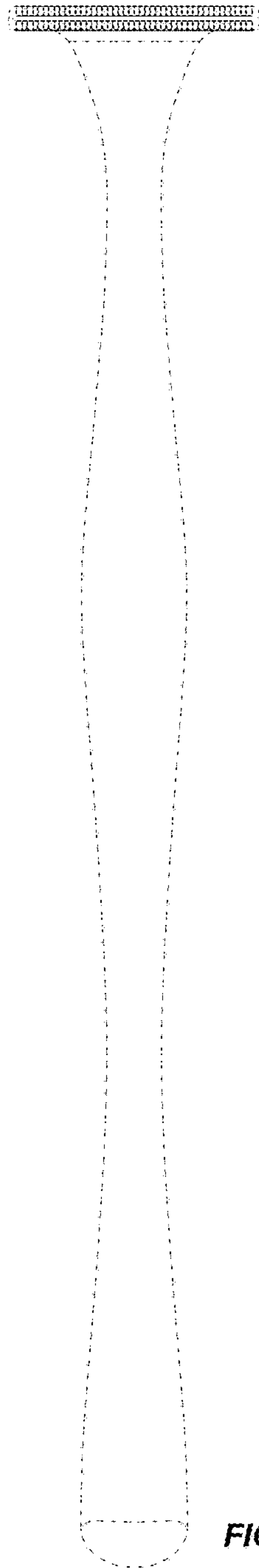


FIG. 1

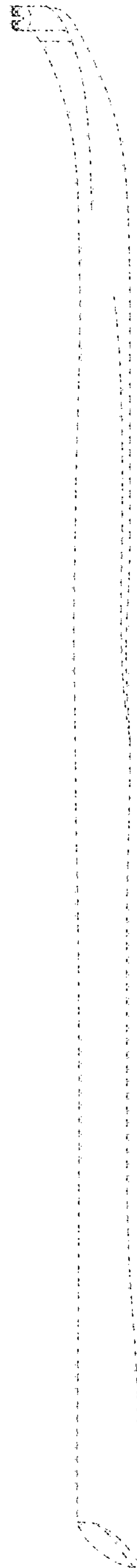


FIG. 2

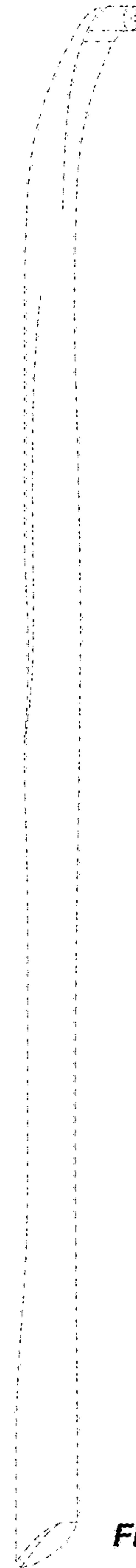


FIG. 3

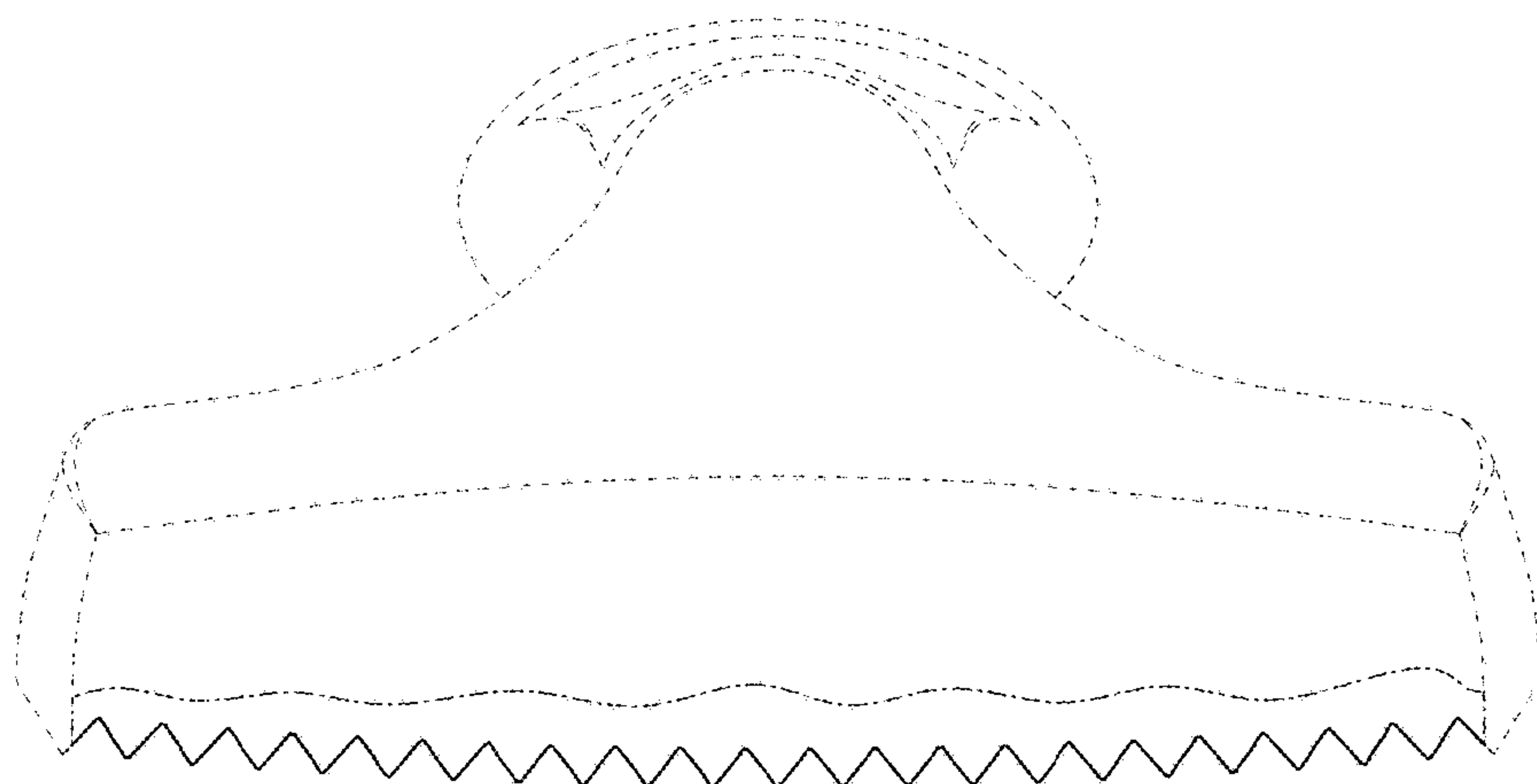


FIG. 4

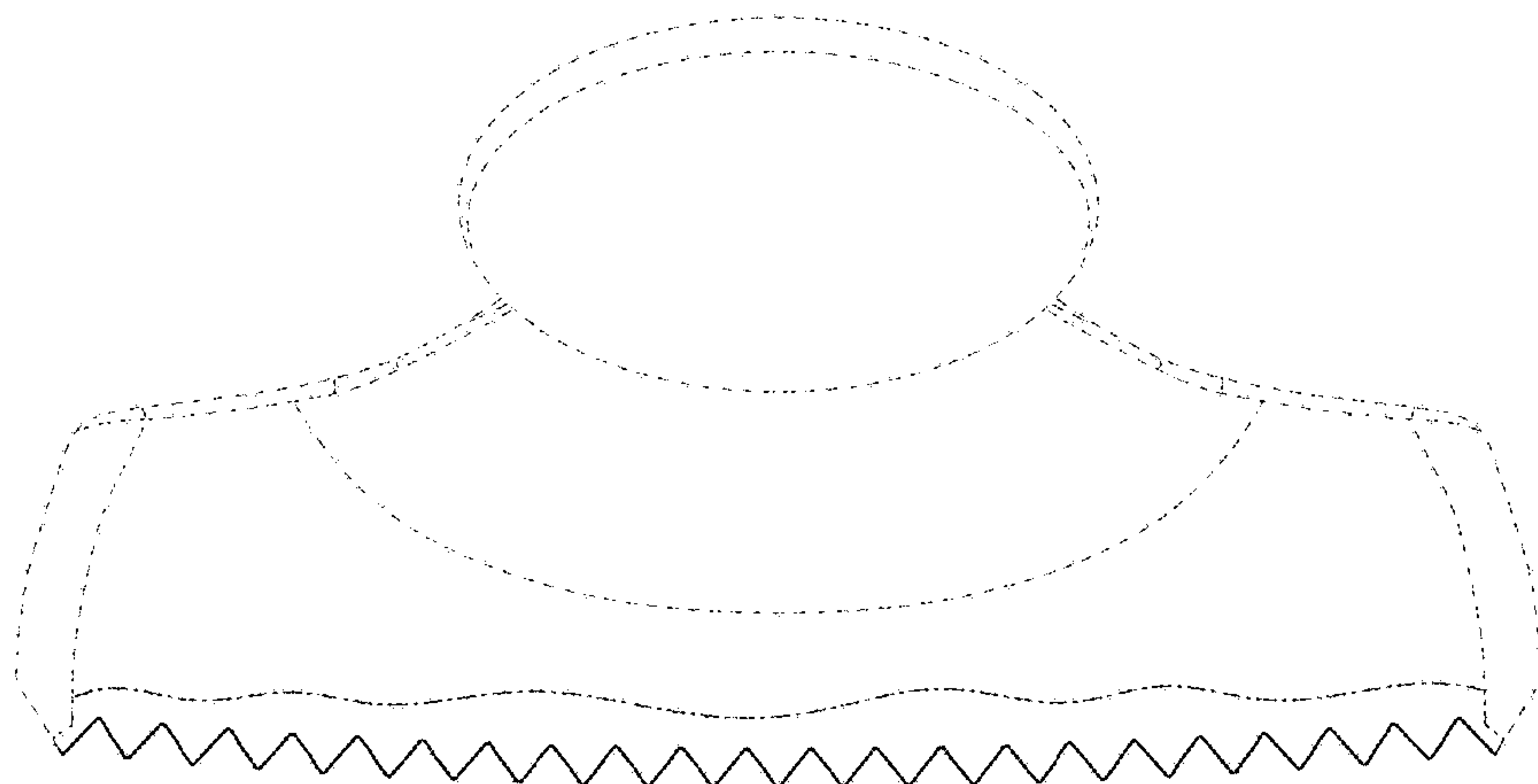


FIG. 5

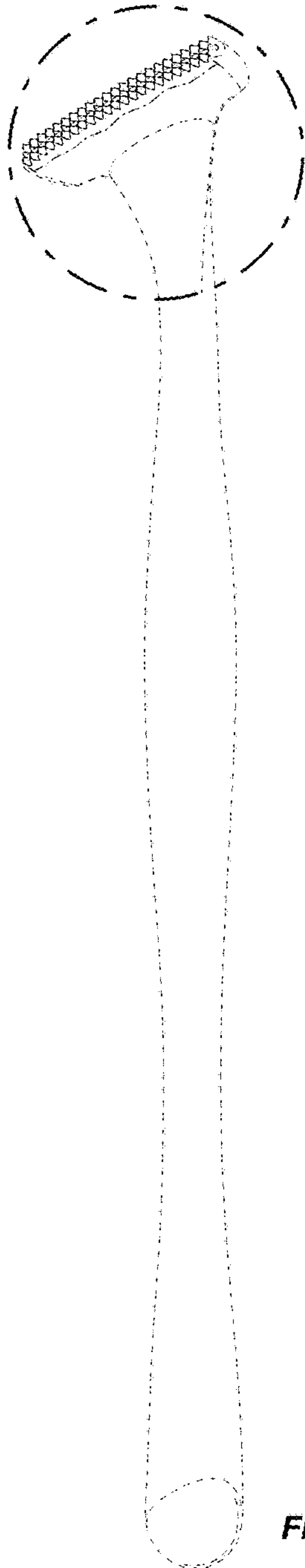


FIG. 6

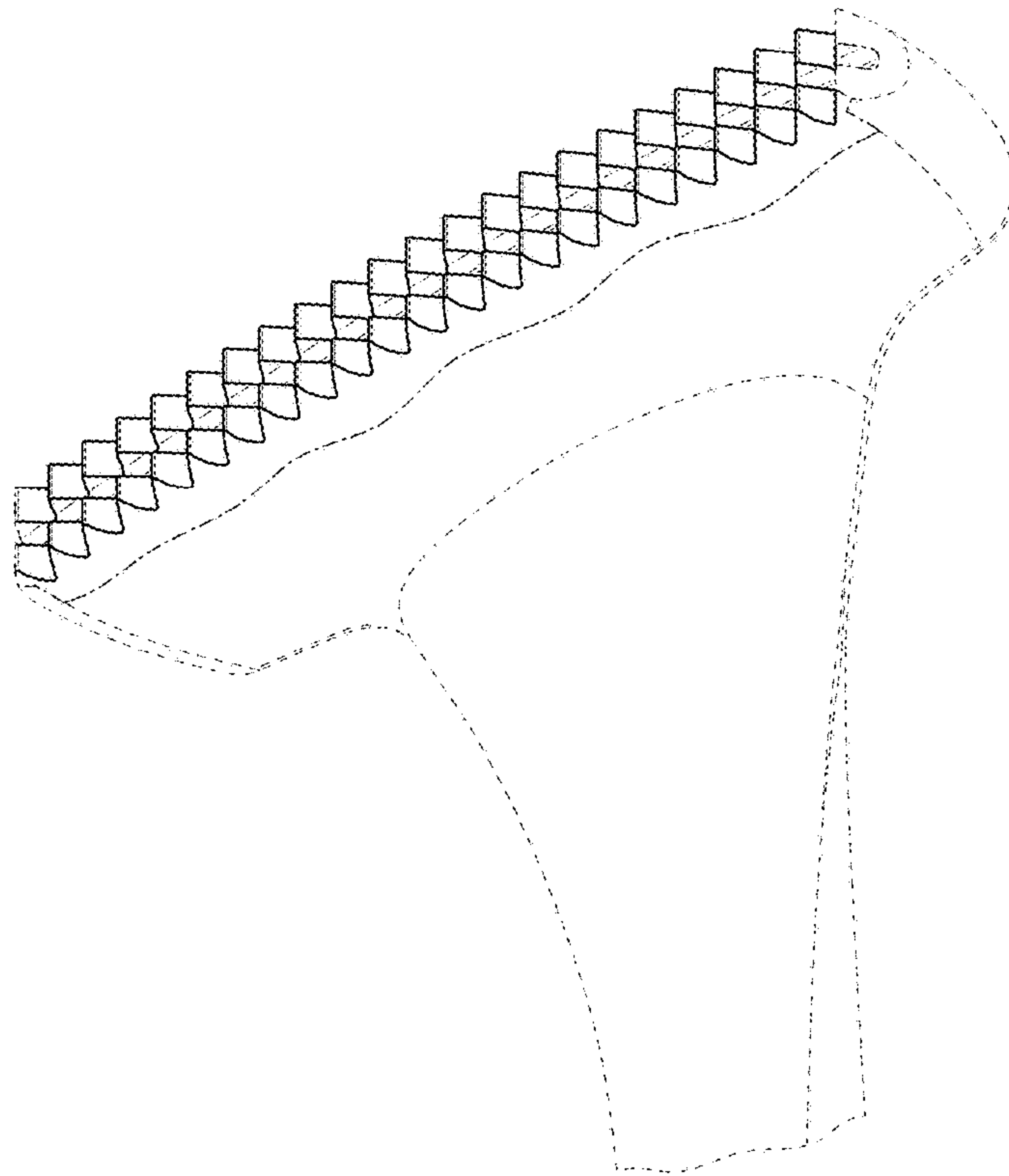


FIG. 7

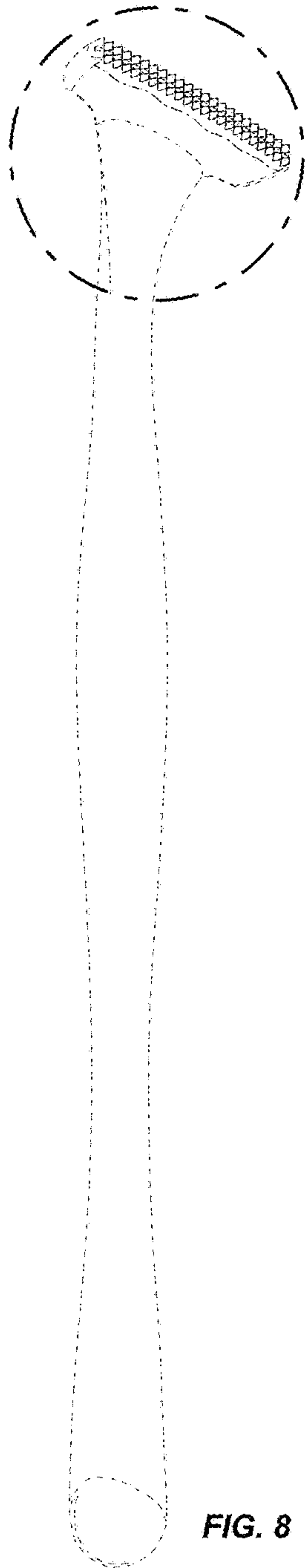


FIG. 8

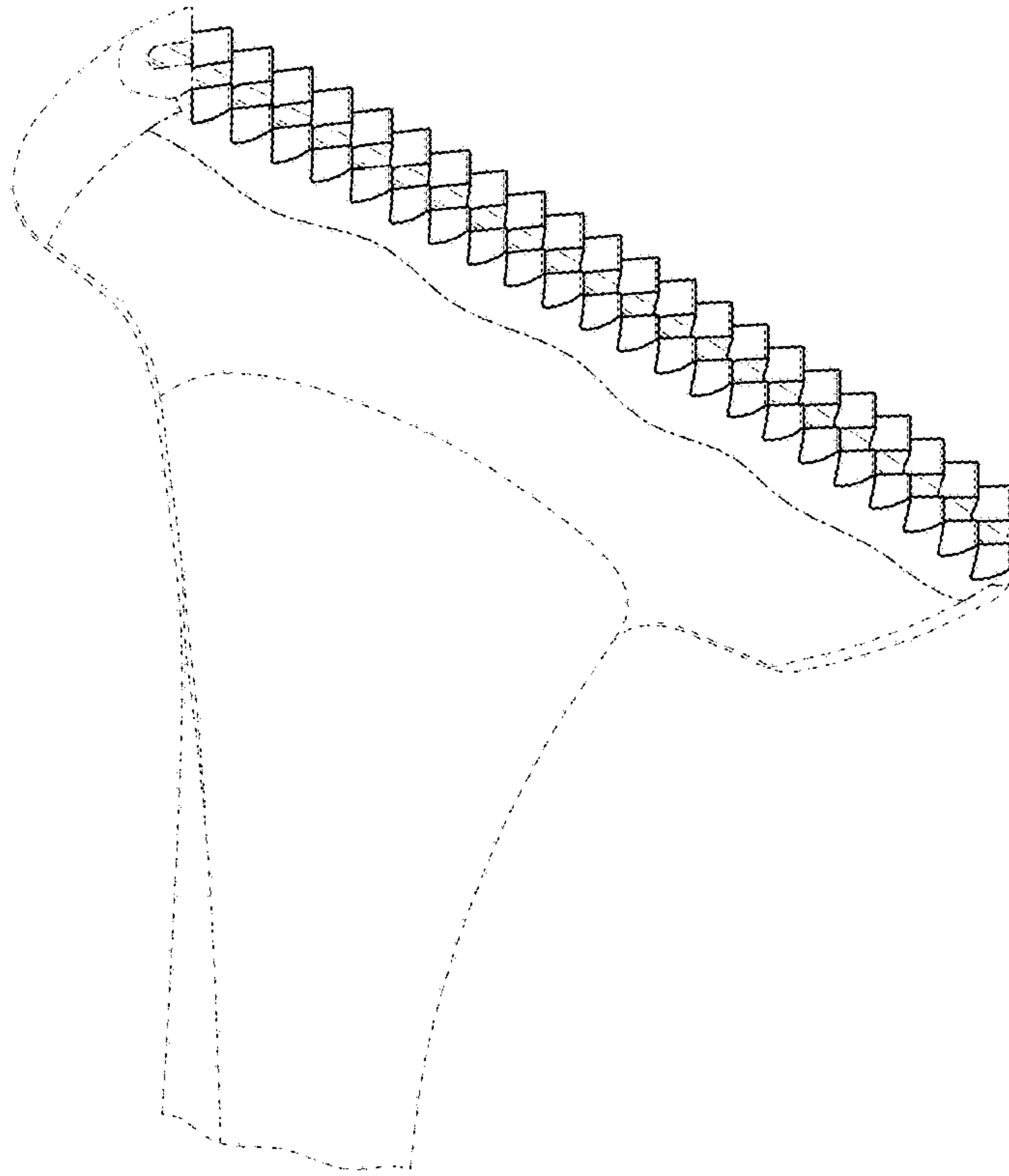


FIG. 9



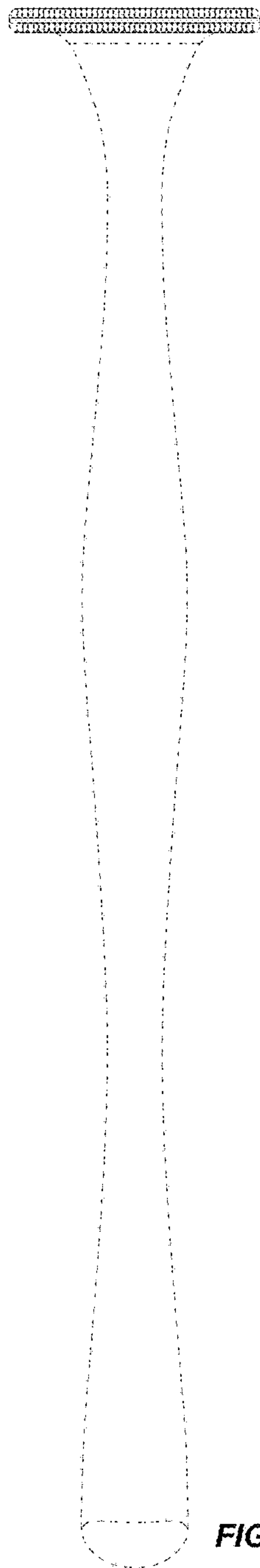


FIG. 10

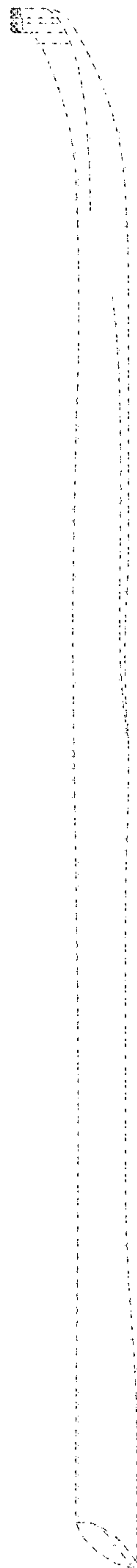


FIG. 11

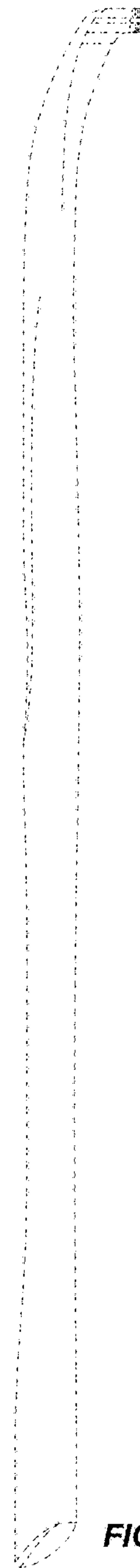


FIG. 12

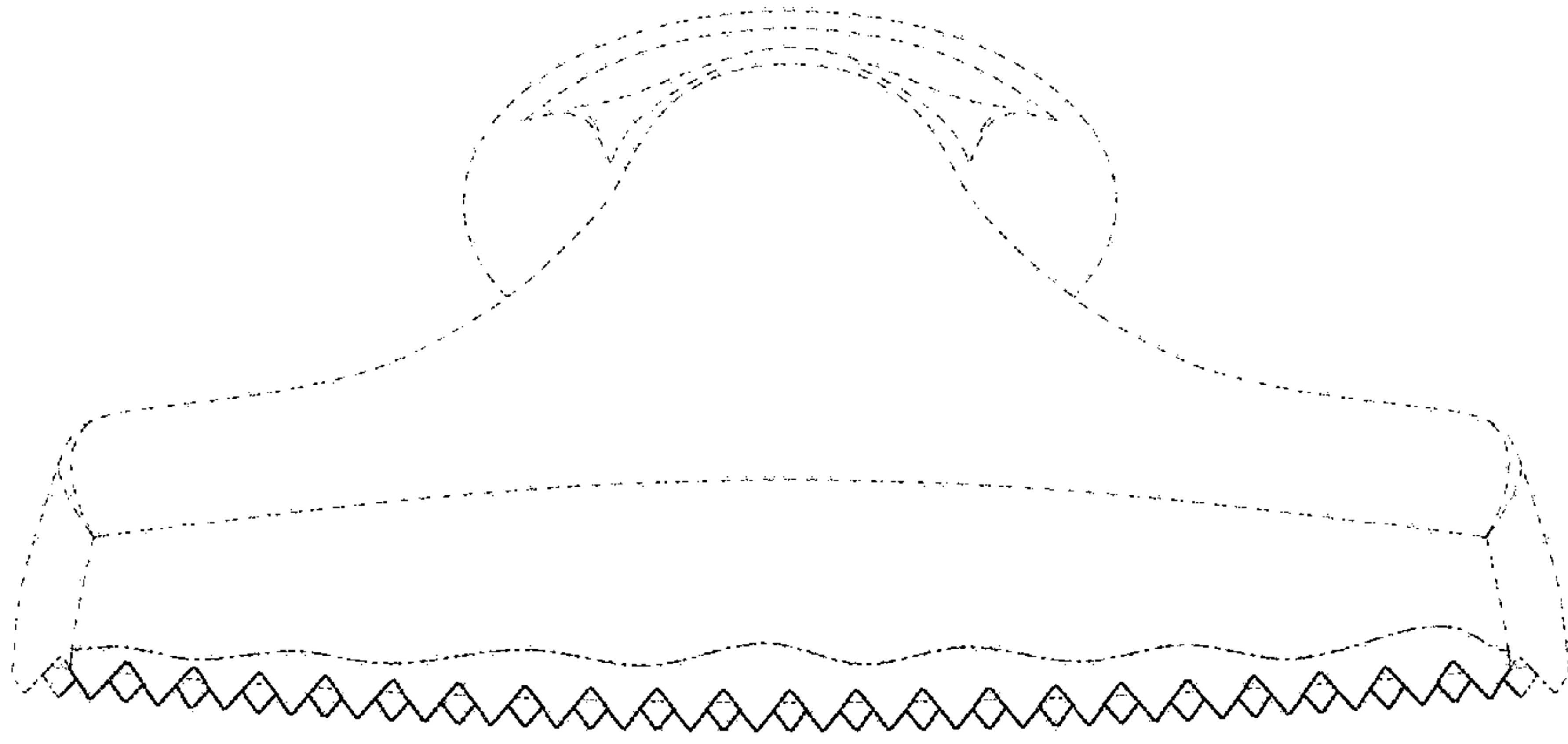


FIG. 13

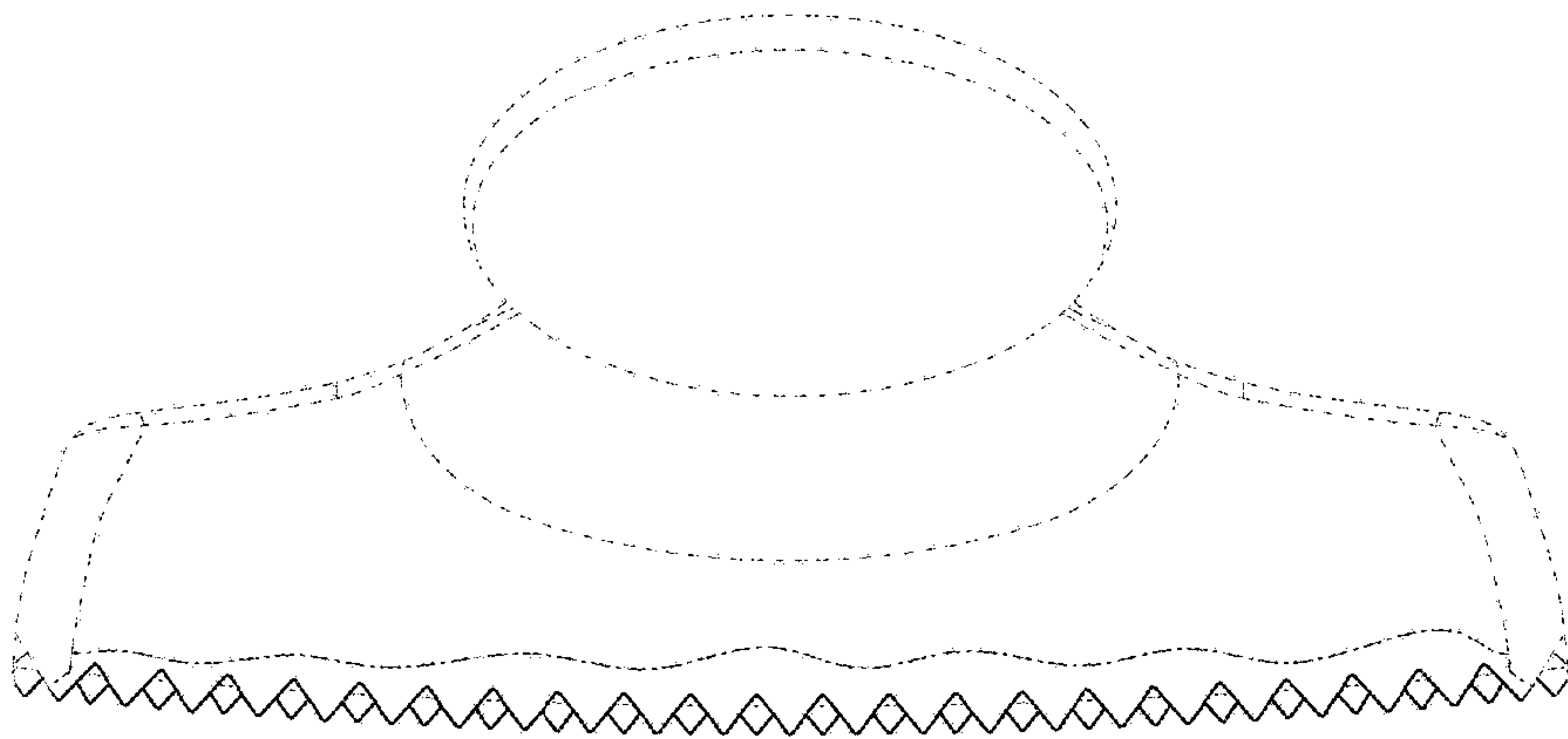


FIG. 14



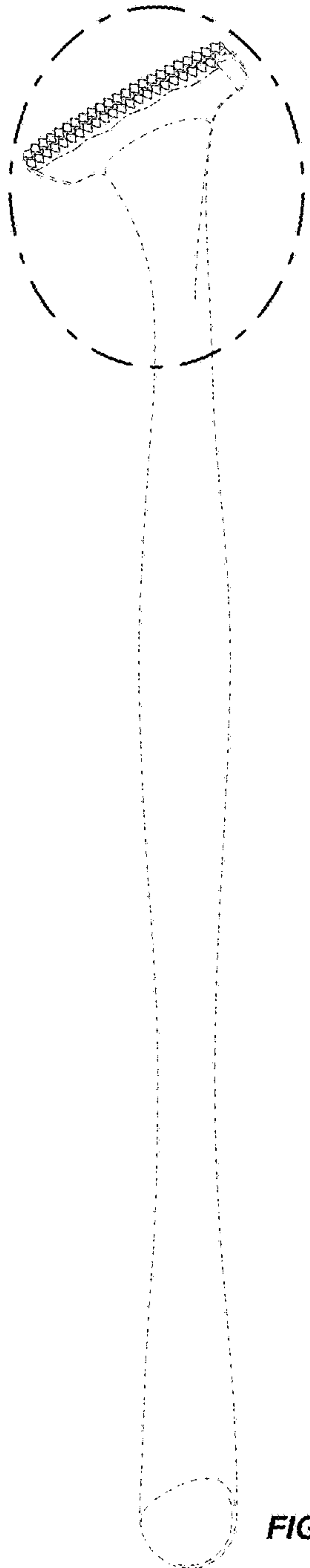


FIG. 15

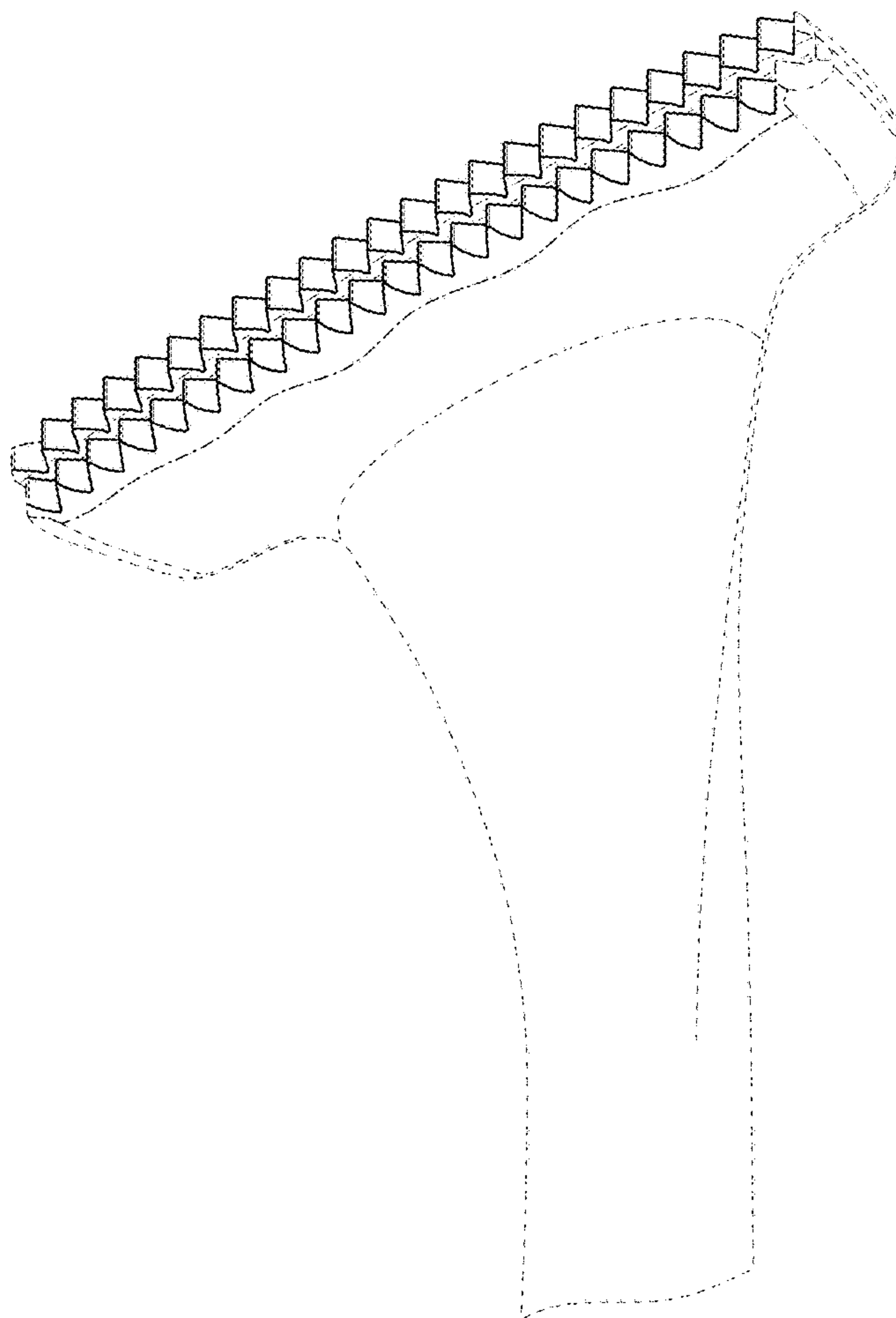


FIG. 16

