



US00D885002S

(12) **United States Design Patent** (10) **Patent No.:** **US D885,002 S**
James et al. (45) **Date of Patent:** **** May 19, 2020**

- (54) **MOP HEAD** 3,676,888 A * 7/1972 Akers B44D 3/105
15/245
- (71) Applicant: **SharkNinja Operating LLC,** D247,949 S 5/1978 Tillinghast
Needham, MA (US) D249,821 S * 10/1978 Cooke D32/50
D250,245 S 11/1978 Bebb
D278,099 S 3/1985 Evans
D286,576 S * 11/1986 Schneider D19/185
(Continued)
- (72) Inventors: **Samuel Emrys James,** London (GB);
Michael James Douglas, London (GB);
David Stephen Clare, London (GB);
Chris Pinches, Surrey (GB); **Nick**
Sardar, London (GB)
- (73) Assignee: **SharkNinja Operating LLC,**
Needham, MA (US)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/692,756**
- (22) Filed: **May 28, 2019**

FOREIGN PATENT DOCUMENTS

JP D1489801 * 2/2014

OTHER PUBLICATIONS

Shark Rocket DuoClean Ultra-Light Corded Stick Vacuum—Walmart.com reviews 2019, [https://www.walmart.com/ip/SharkNinja-Rocket-DuoClean-Corded-Ultra-Light-Bagless-M . . .](https://www.walmart.com/ip/SharkNinja-Rocket-DuoClean-Corded-Ultra-Light-Bagless-M...) site visited Sep. 5, 2019 (Year: 2019).*

(Continued)

Related U.S. Application Data

- (62) Division of application No. 29/621,018, filed on Oct. 3, 2017, now Pat. No. Des. 850,047.
- (51) **LOC (12) Cl.** **15-05**
- (52) **U.S. Cl.**
USPC **D32/50**
- (58) **Field of Classification Search**
USPC ... D32/40–43, 45–46, 50–52, 15, 17–18, 22,
D32/25, 69–72; D9/527–528, 685;
D4/116–118; D19/163, 117, 184;
D6/566
CPC A61B 90/80; A47L 25/00; A47L 5/24–26;
A47L 13/20; A47L 13/44; A47L 13/10;
A47L 13/512; A47F 7/00
See application file for complete search history.

Primary Examiner — Lilyana Bekic
Assistant Examiner — John R Yeh
(74) *Attorney, Agent, or Firm* — Wolf, Greenfield & Sacks, P.C.

(57) **CLAIM**

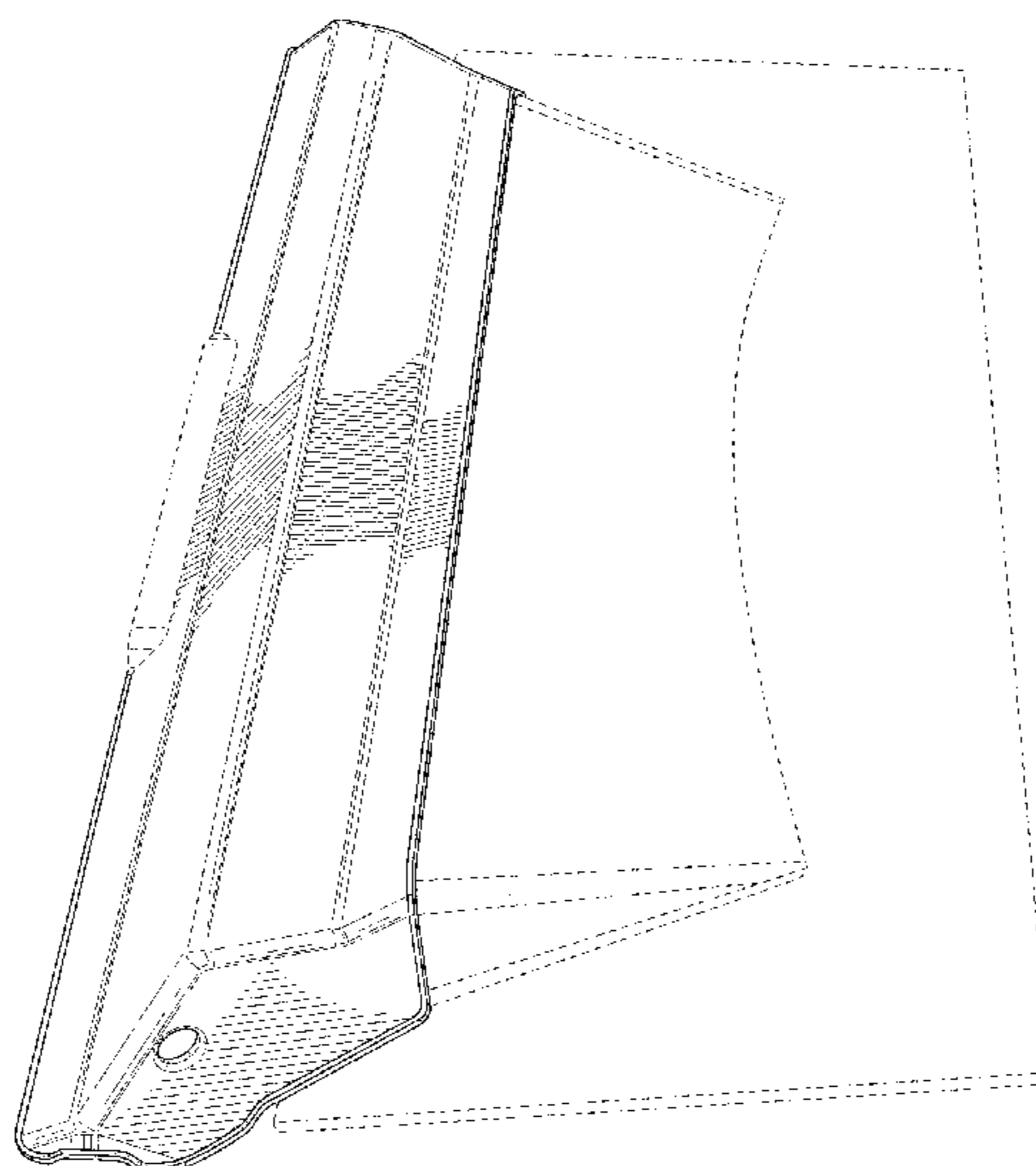
The ornamental design for a mop head, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of the mop head, in accordance with our design;
FIG. 2 is a top view thereof;
FIG. 3 is a bottom view thereof;
FIG. 4 is a left side view thereof;
FIG. 5 is a right side view thereof;
FIG. 6 is a front view thereof; and,
FIG. 7 is a rear view thereof.
The broken lines represent portions of the mop head that form no part of the claimed design.

1 Claim, 5 Drawing Sheets

- (56) **References Cited**
U.S. PATENT DOCUMENTS
490,472 A 1/1893 Clements
D117,388 S 10/1939 Woinarovicz
D214,977 S 8/1969 Roth



(56)

References Cited

U.S. PATENT DOCUMENTS

D287,539 S * 12/1986 Wilson D32/50
 D315,975 S * 4/1991 Huang D32/41
 D352,432 S * 11/1994 Monroe D32/41
 5,365,881 A 11/1994 Sporn
 D360,507 S * 7/1995 Salvato D32/42
 D388,569 S * 12/1997 Israel D32/35
 D391,715 S * 3/1998 Irwin A47L 13/254
 D32/50
 D423,157 S 4/2000 Hodges
 D427,401 S * 6/2000 Kunkler D32/50
 D444,952 S * 7/2001 Mason, Jr. D4/118
 D467,686 S * 12/2002 Kohler D28/7
 D518,935 S * 4/2006 Leitch D32/50
 D548,907 S 8/2007 Killen
 D587,538 S * 3/2009 Vendl D7/688
 D597,717 S 8/2009 Rosenzweig
 D613,473 S * 4/2010 Pierce D32/46
 D617,066 S * 6/2010 Koenig D32/50
 D625,480 S * 10/2010 Raven D32/50
 D653,826 S * 2/2012 Lee D32/50
 D661,034 S 5/2012 Ediger
 D672,107 S 12/2012 Van Lanningham, Jr.
 D701,013 S * 3/2014 Libman D32/50

D703,407 S 4/2014 Xiong
 D731,137 S 6/2015 Colangelo
 D756,581 S * 5/2016 Libman D32/50
 D759,329 S * 6/2016 Colangelo D32/50
 D761,510 S * 7/2016 Vicari D32/41
 D764,127 S 8/2016 Vicari
 D766,584 S 9/2016 Blouin
 D779,144 S * 2/2017 Layevsky D32/50
 D783,215 S * 4/2017 Presnell D32/50
 D804,123 S 11/2017 Orsino
 D817,574 S 5/2018 Libman
 10,004,372 B2 * 6/2018 Escobar A47L 13/12
 D837,464 S * 1/2019 Park D30/159
 D850,047 S * 5/2019 James D32/50
 2005/0193516 A1 9/2005 Hughes

OTHER PUBLICATIONS

Amazon.com—Shark Genius Steam Pocket Mop Hard Floor Cleaner, oldest reviews 2016, https://www.amazon.com/Cleaner-Blaster-Technology-Intelligent-S5003D/dp/B-01KU4BSGK/ref=cm_cr_arp_d_product_top?ie=UTF8, site visited Oct. 11, 2018.
 U.S. Appl. No. 29/621,018, filed Oct. 3, 2017, James et al.

* cited by examiner

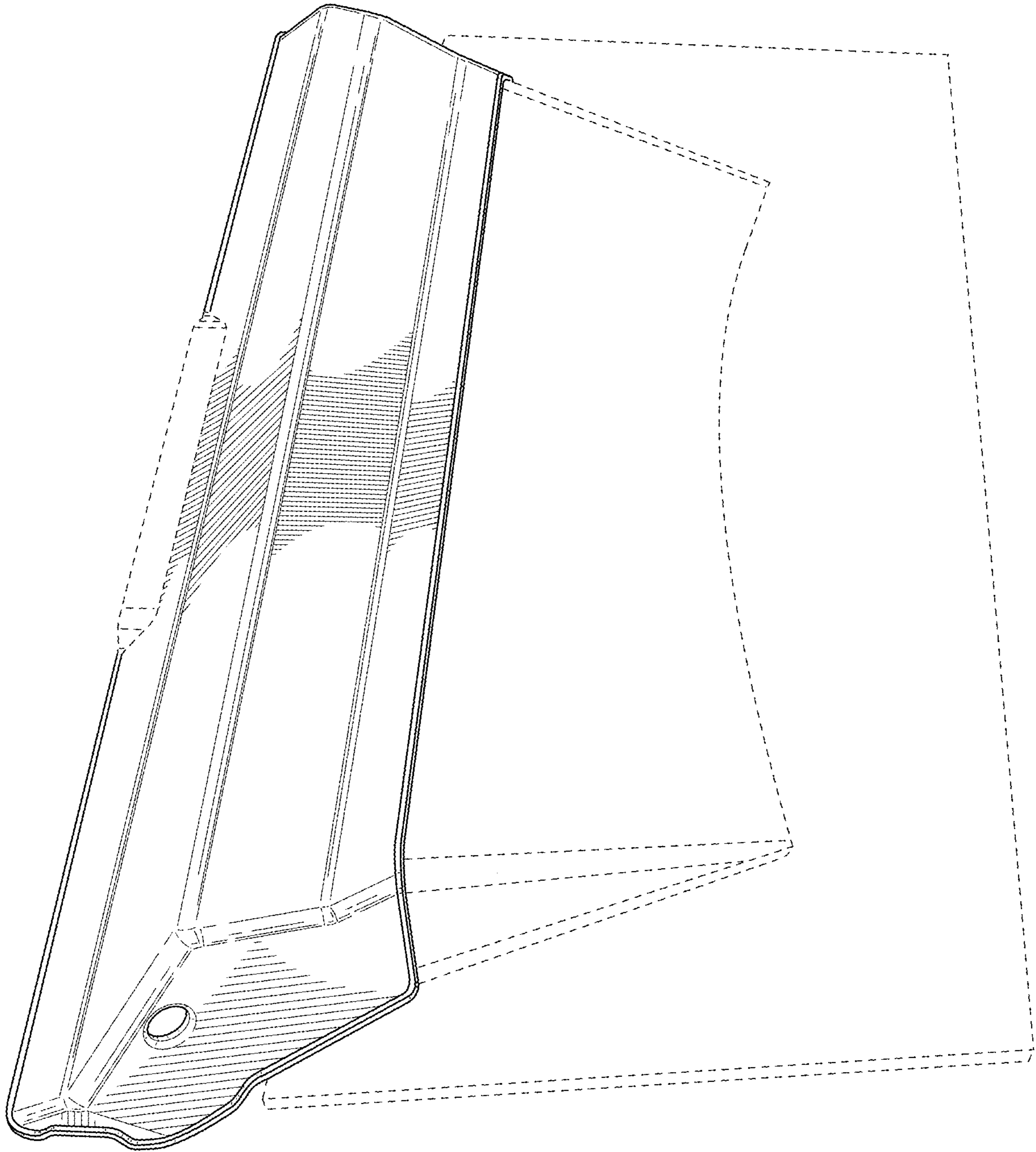


FIG. 1

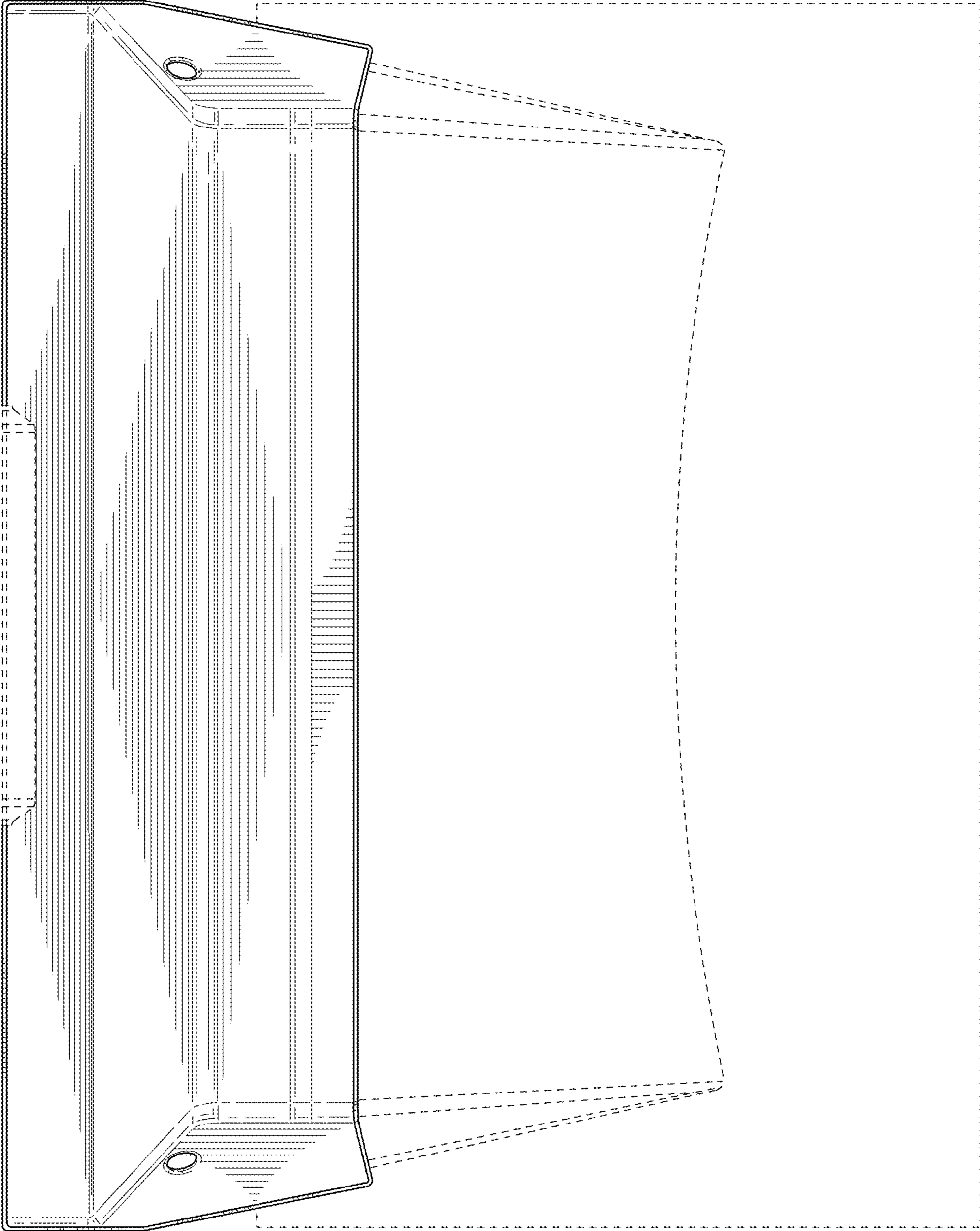


FIG. 2



FIG. 3

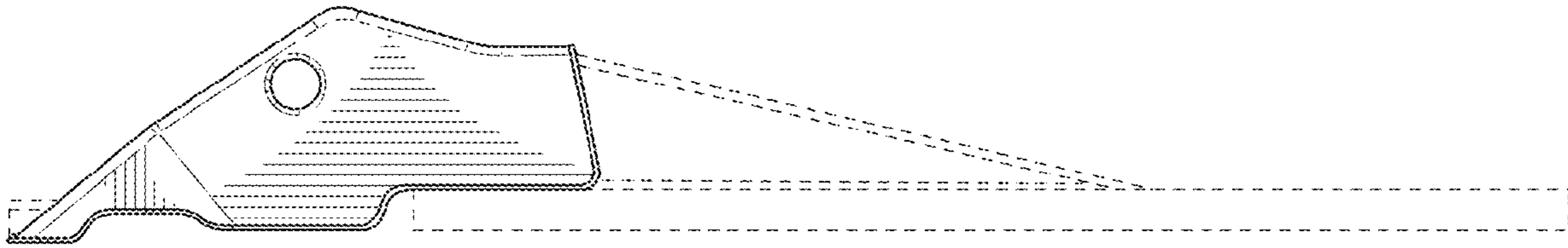


FIG. 5

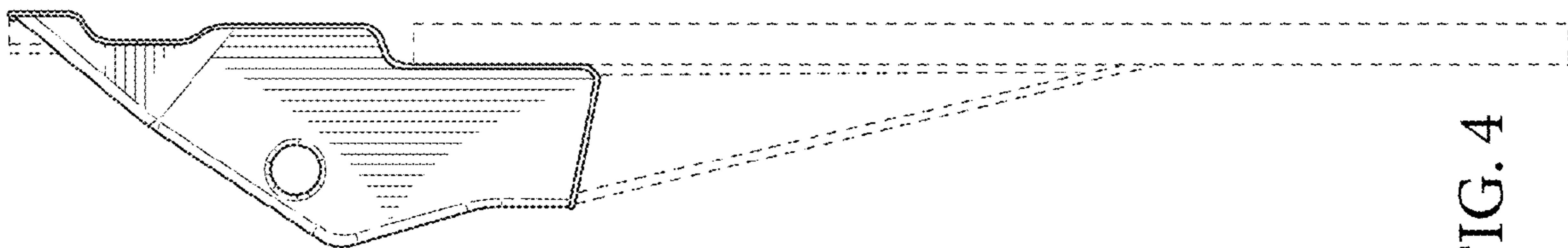


FIG. 4

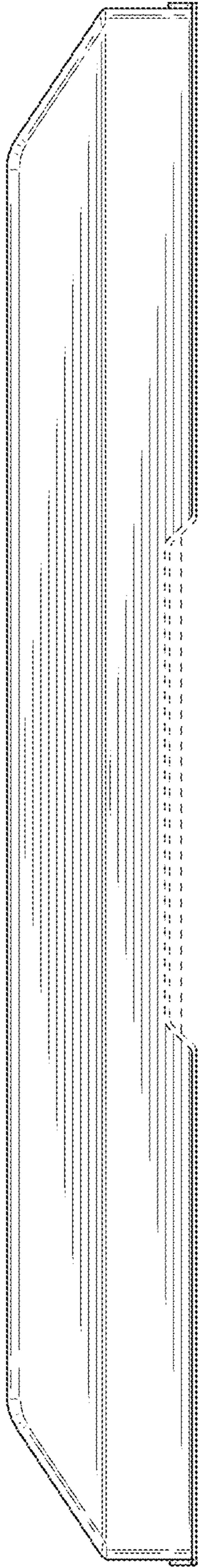


FIG. 6

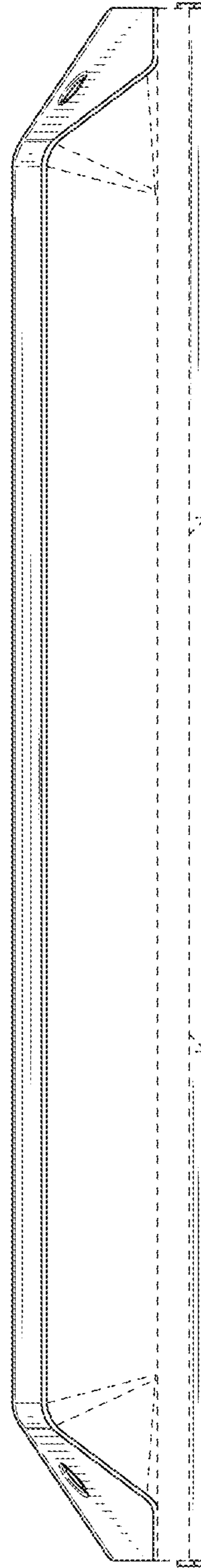


FIG. 7