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(12) **United States Design Patent** (10) **Patent No.:** **US D973,984 S**
Hwang et al. (45) **Date of Patent:** **** Dec. 27, 2022**

(54) **WASHING MACHINE**

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

(21) Appl. No.: **29/785,602**

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(30) **Foreign Application Priority Data**

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(51) **LOC (13) Cl.** **15-05**

(52) **U.S. Cl.**
USPC **D32/6; D32/25**

(58) **Field of Classification Search**
USPC D32/1, 5-6, 8, 10, 12-13, 25, 31;
D21/526

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D186,996 S * 1/1960 Romme D32/6
D491,324 S * 6/2004 Kim D32/6

(Continued)

FOREIGN PATENT DOCUMENTS

CN 305017876 1/2019
EM 001293732-0003 9/2011

(Continued)

OTHER PUBLICATIONS

Samsung Bespoke 5.3 cu. ft. Ultra-Capacity Smart Front Load Washer, available in www.homedepot.com, customer review oldest date Aug. 5, 2022 [online], [site visited Oct. 20, 2022], Available from the internet URL: <https://www.homedepot.com/p/Samsung-Bespoke-5-3-cu-ft-Ultra-Capacity-Smart-Front-Load-Washer-in-Brushed-Navy-with-AI-OptiWash-and-Auto-Dispense-WF53BB8900AD/320703580> (Year: 2022).*

(Continued)

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(57) **CLAIM**

The ornamental design for a washing machine, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a washing machine, showing our new design;

FIG. 2 is a front view thereof;

FIG. 3 is a rear view thereof;

FIG. 4 is a left-side view thereof;

FIG. 5 is a right-side view thereof;

FIG. 6 is a top view thereof;

FIG. 7 is a bottom view thereof;

FIG. 8 is an enlarged view of encircled portion 8 in FIG. 1;

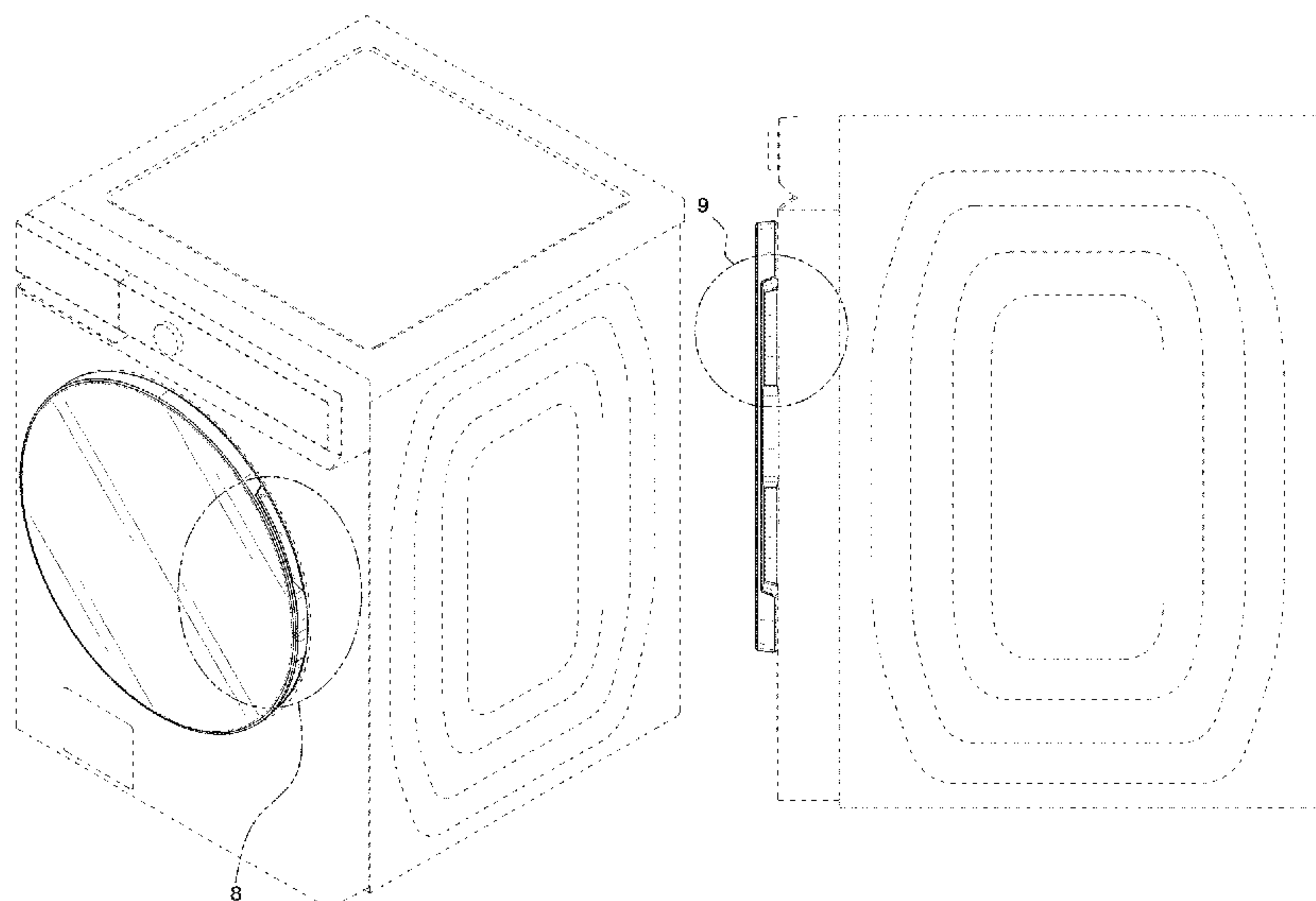
FIG. 9 is an enlarged view of encircled portion 9 in FIG. 5;

FIG. 10 is an enlarged view of encircled portion 10 in FIG. 6; and,

FIG. 11 is an enlarged view of encircled portion 11 in FIG. 7.

The even-dash broken lines illustrating portions of the washing machine form no part of the claimed design. The dot-dot-dash broken lines encircling enlarged portions of the claimed design form no part of the claimed design.

1 Claim, 11 Drawing Sheets



(58) Field of Classification Search

CPC D06F 13/00; D06F 19/00; D06F 21/00;
D06F 25/00; D06F 23/00; D06F 23/04;
D06F 27/00; D06F 29/00; D06F 35/007;
D06F 37/02; D06F 37/04; D06F 37/22;
D06F 37/26; D06F 37/36; D06F 39/02;
D06F 39/12; D06F 39/14; D06F 39/087;
D06F 95/00; D06F 2103/24; A47L
2501/22

See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

D506,045 S * 6/2005 No D32/25
D528,713 S * 9/2006 Ha D32/6
D537,577 S * 2/2007 Nam D32/6
D549,897 S * 8/2007 Suh D32/6
D551,402 S * 9/2007 Jung D32/8
D557,465 S * 12/2007 Kim D32/6
D565,809 S * 4/2008 Eicher D32/6
D616,163 S * 5/2010 Nam D32/25
D620,650 S * 7/2010 Lee D32/6
D622,917 S * 8/2010 Lee D32/6
D626,300 S * 10/2010 Lee D32/6
D636,953 S * 4/2011 Lee D32/6
D665,543 S * 8/2012 Kim D32/6
D688,013 S * 8/2013 Kim D32/6
D703,883 S * 4/2014 Ha D32/6
D703,885 S * 4/2014 Ha D32/6
D708,799 S * 7/2014 Choi D32/6
D730,601 S * 5/2015 Jinnam D32/25
D731,126 S * 6/2015 Ha D32/6
D732,763 S * 6/2015 Hwang D32/6
D770,699 S * 11/2016 Lee D32/6

D773,753 S * 12/2016 Kim D32/6
D773,757 S * 12/2016 Hwang D32/6
D816,927 S * 5/2018 Ha D32/25
D824,121 S * 7/2018 Luo D32/6
D827,230 S * 8/2018 Ha D32/6
D828,657 S * 9/2018 Lee D32/6
D830,018 S * 10/2018 Chung D32/25
D831,915 S * 10/2018 Ha D32/25
D833,093 S * 11/2018 Chung D32/25
D836,266 S * 12/2018 Ha D32/6
D838,063 S * 1/2019 Ha D32/6
D848,687 S * 5/2019 Kim D32/8
D858,014 S * 8/2019 Kim D32/6
D865,306 S * 10/2019 Polonsky D32/6
D913,614 S * 3/2021 Lee D32/25
D919,206 S * 5/2021 Lee D32/6
D919,911 S * 5/2021 Kim D32/25
D923,263 S * 6/2021 Lee D32/25
11,203,833 B2 * 12/2021 You D06F 39/14
11,242,644 B2 * 2/2022 Buso D06F 39/14
D962,569 S * 8/2022 Abbott D32/29
2018/0363203 A1 * 12/2018 Gim D06F 37/266

FOREIGN PATENT DOCUMENTS

EM 001293732-0004 9/2011
EM 001293732-0005 9/2011
WO D223603-001 * 9/2022

OTHER PUBLICATIONS

Debois, “TROMM wash tower,” LG, Series IT/Electronics, published on Apr. 23, 2020, <https://post.naver.com/viewer/postView.nhn?volumeNo=28072000&memberNo=5391361>, pp. 1-8.

* cited by examiner

FIG. 1

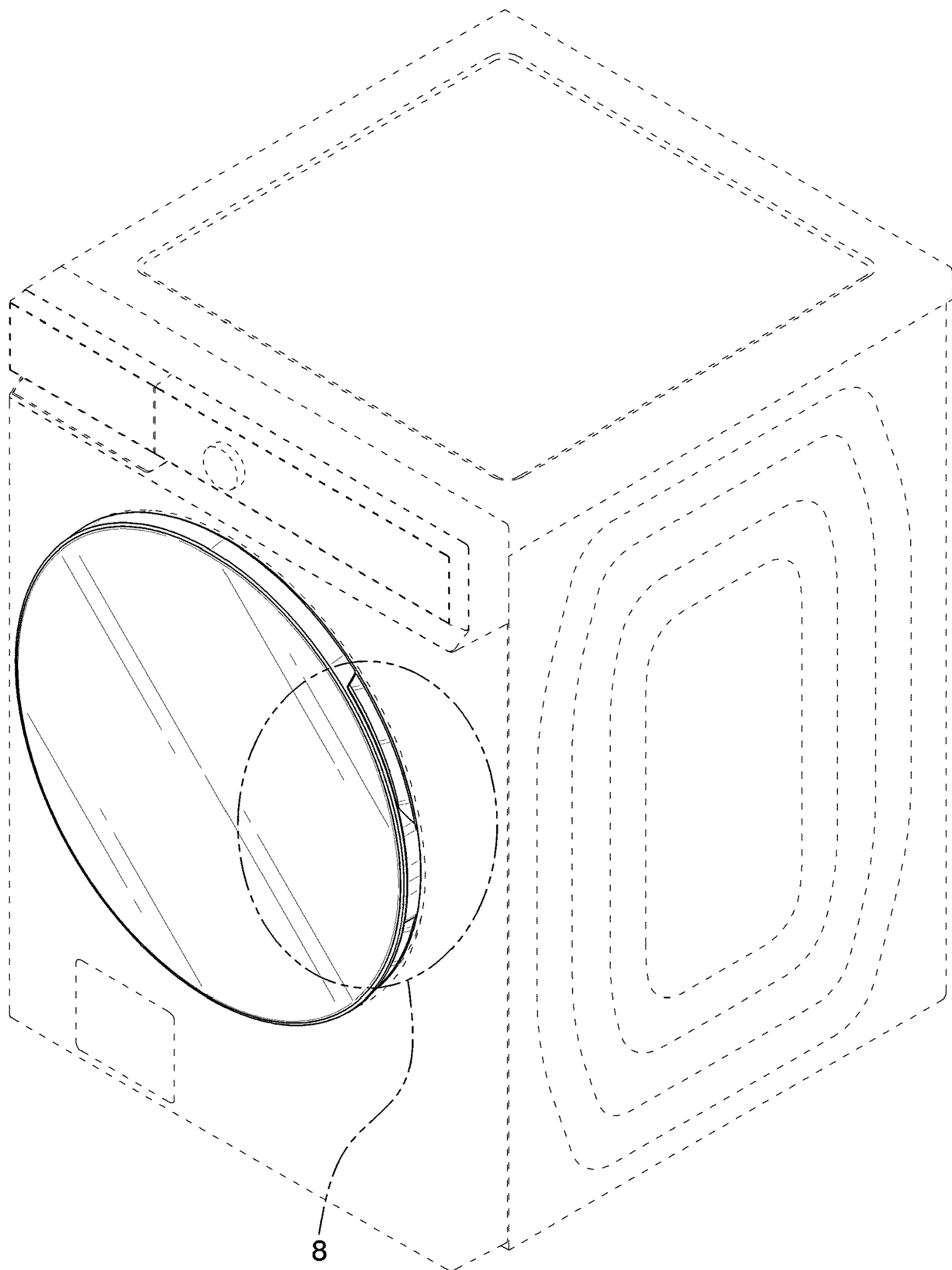


FIG. 2

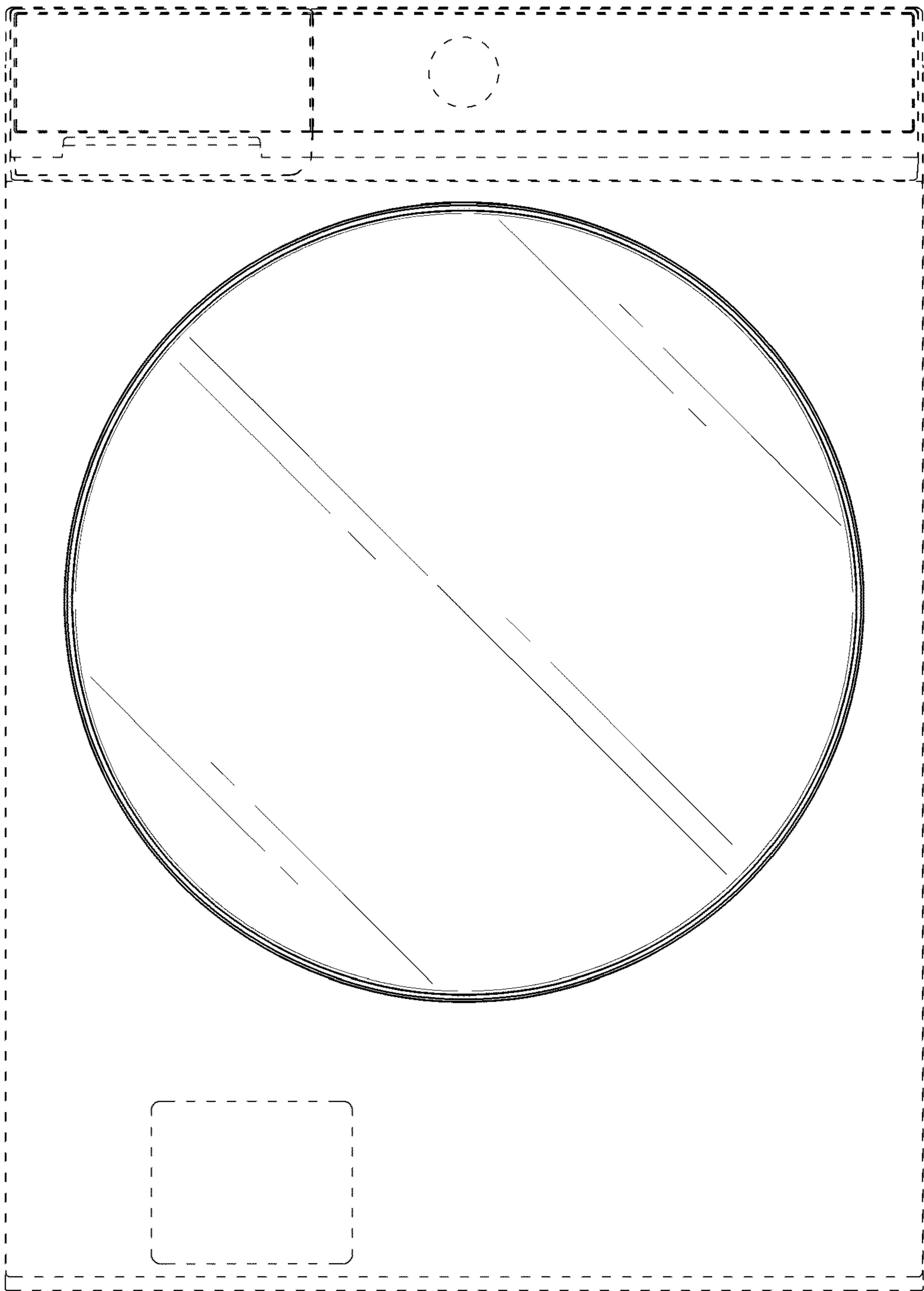


FIG. 3



FIG. 4

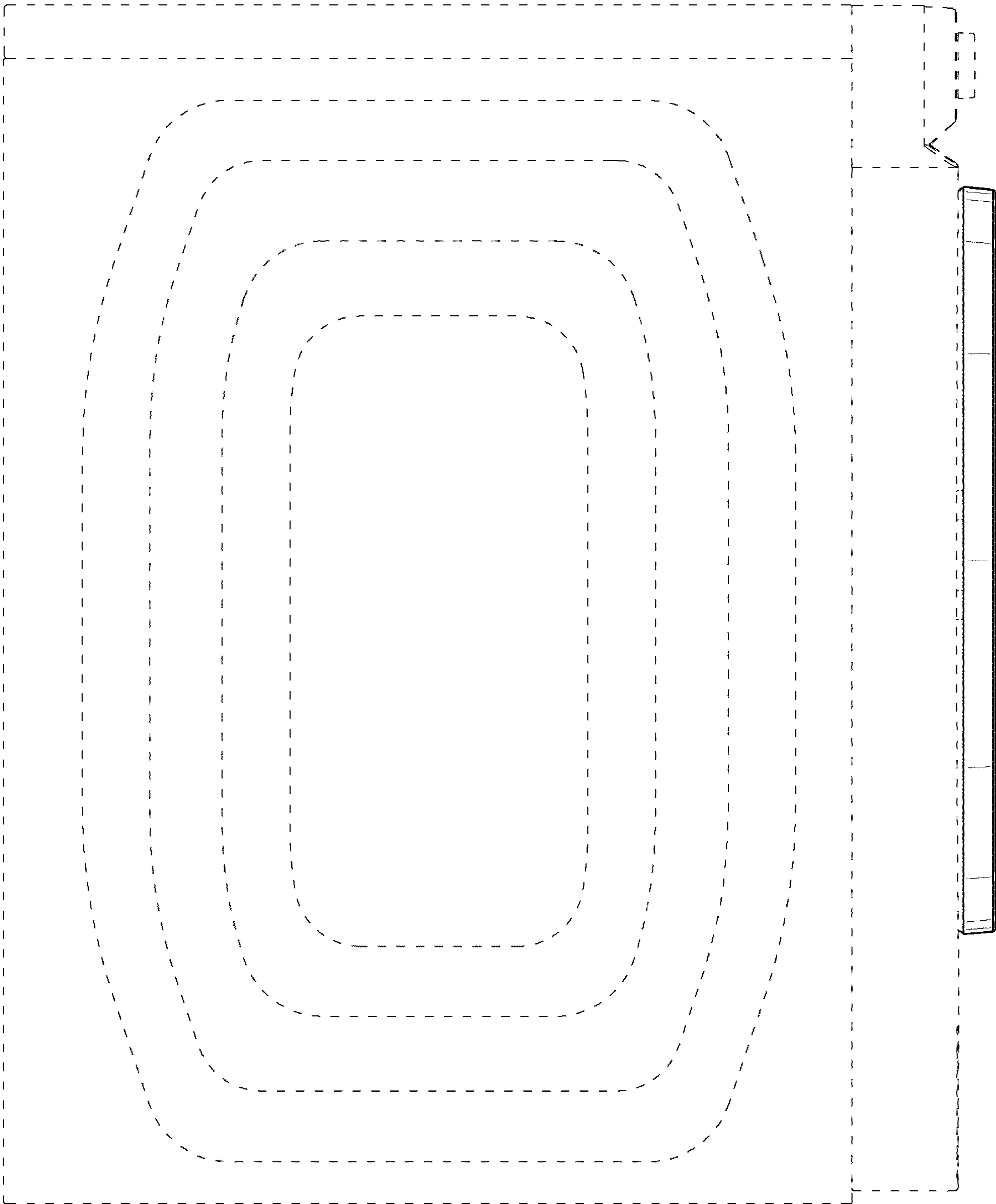


FIG. 5

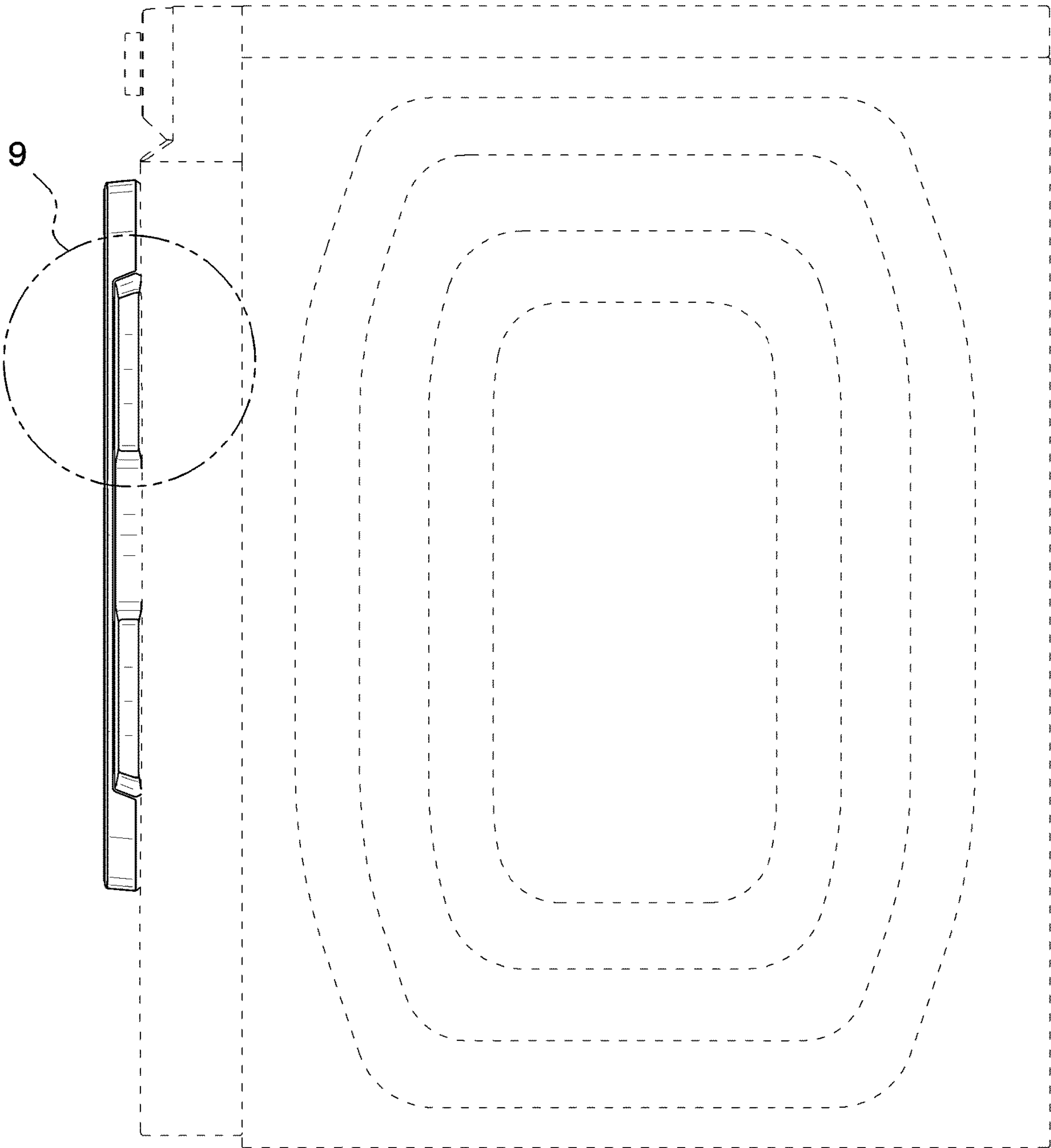


FIG. 6

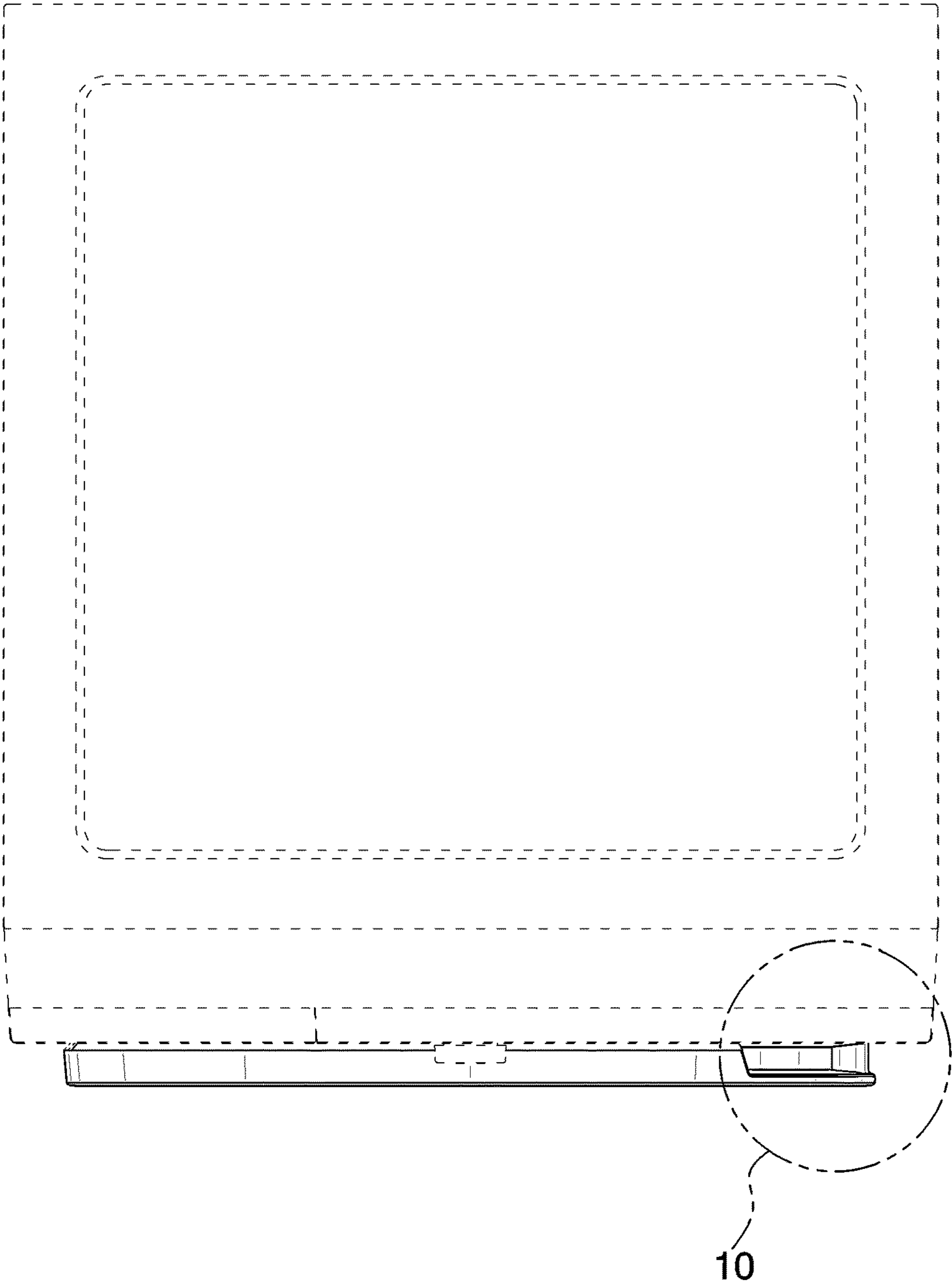


FIG. 7

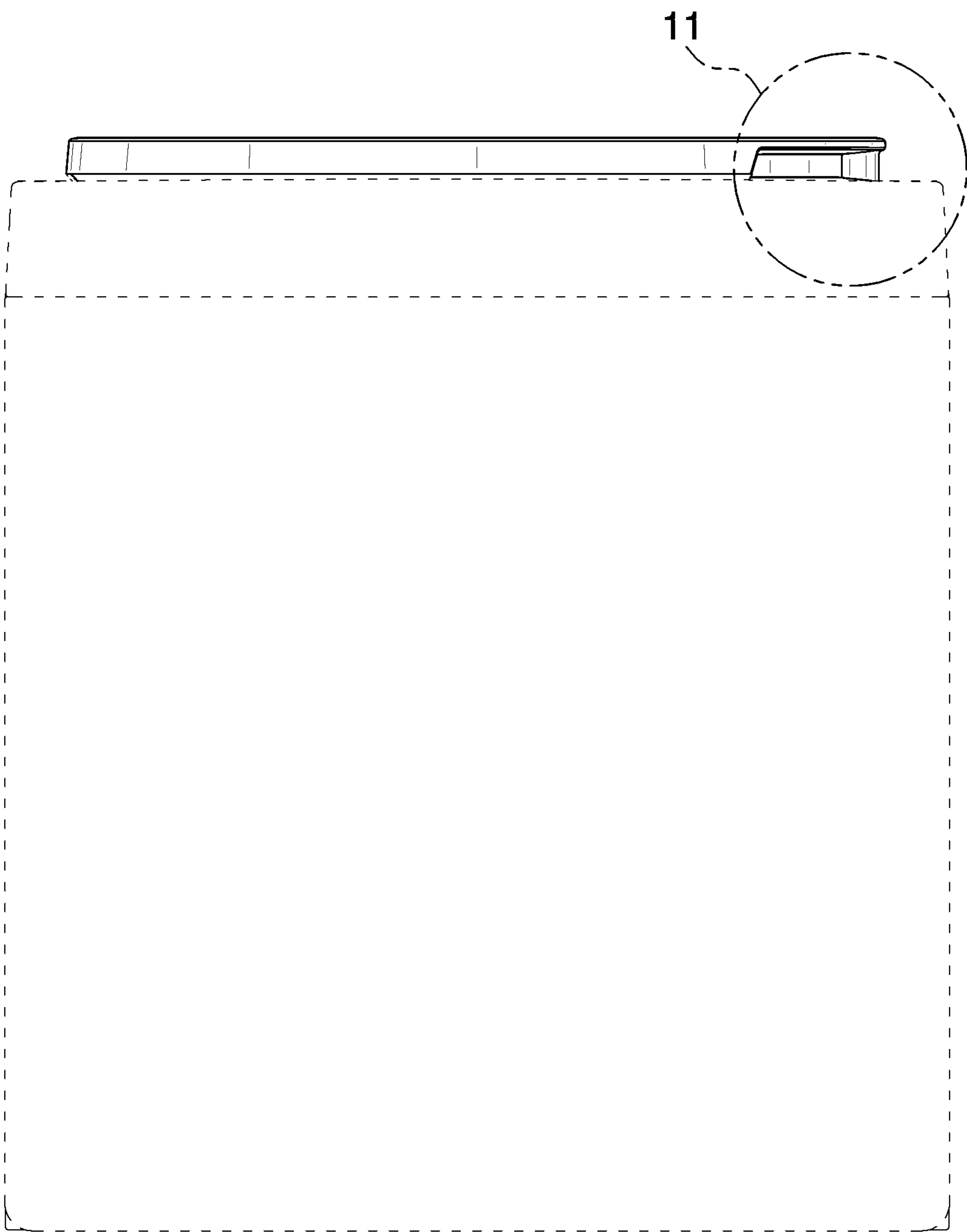


FIG. 8

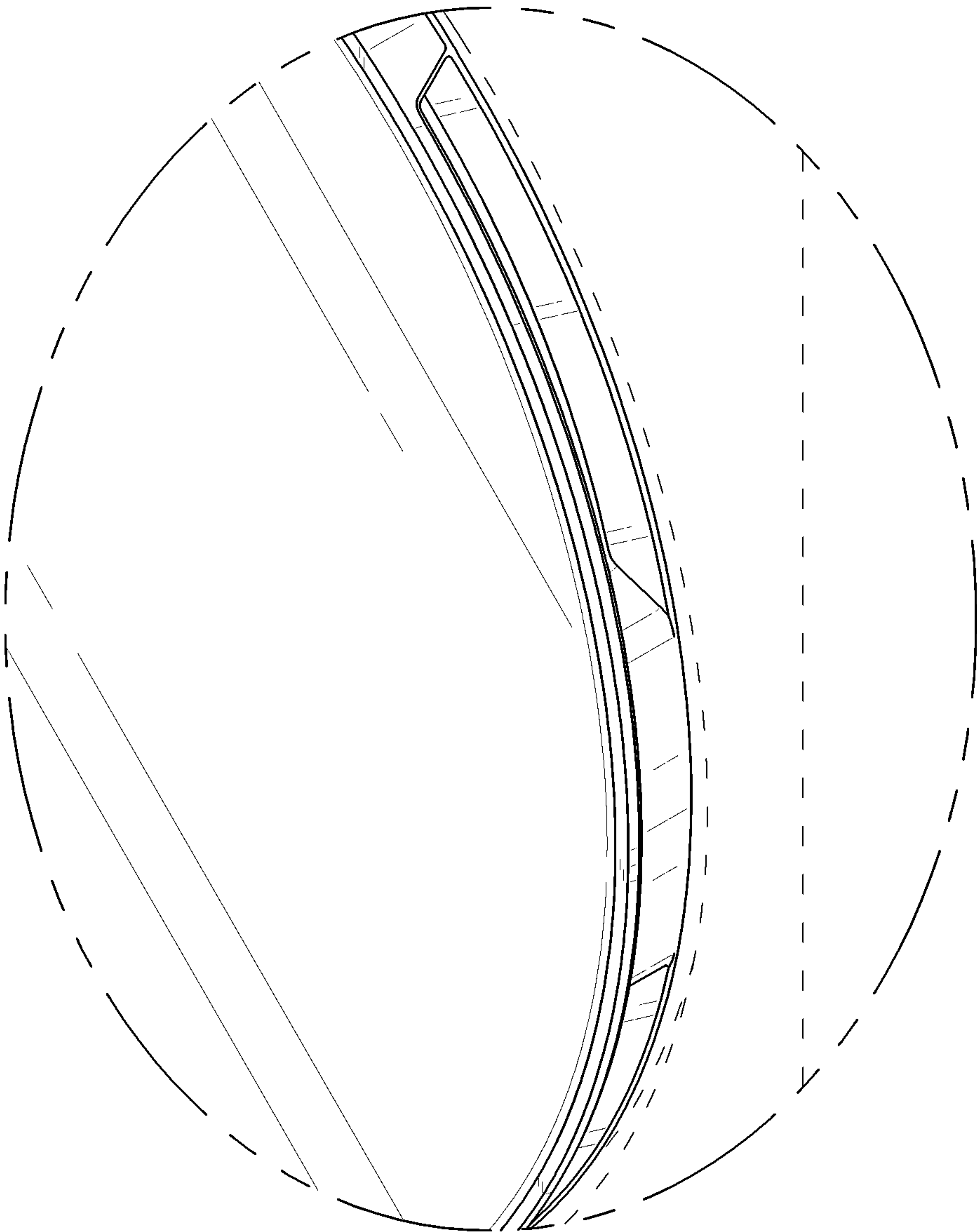


FIG. 9

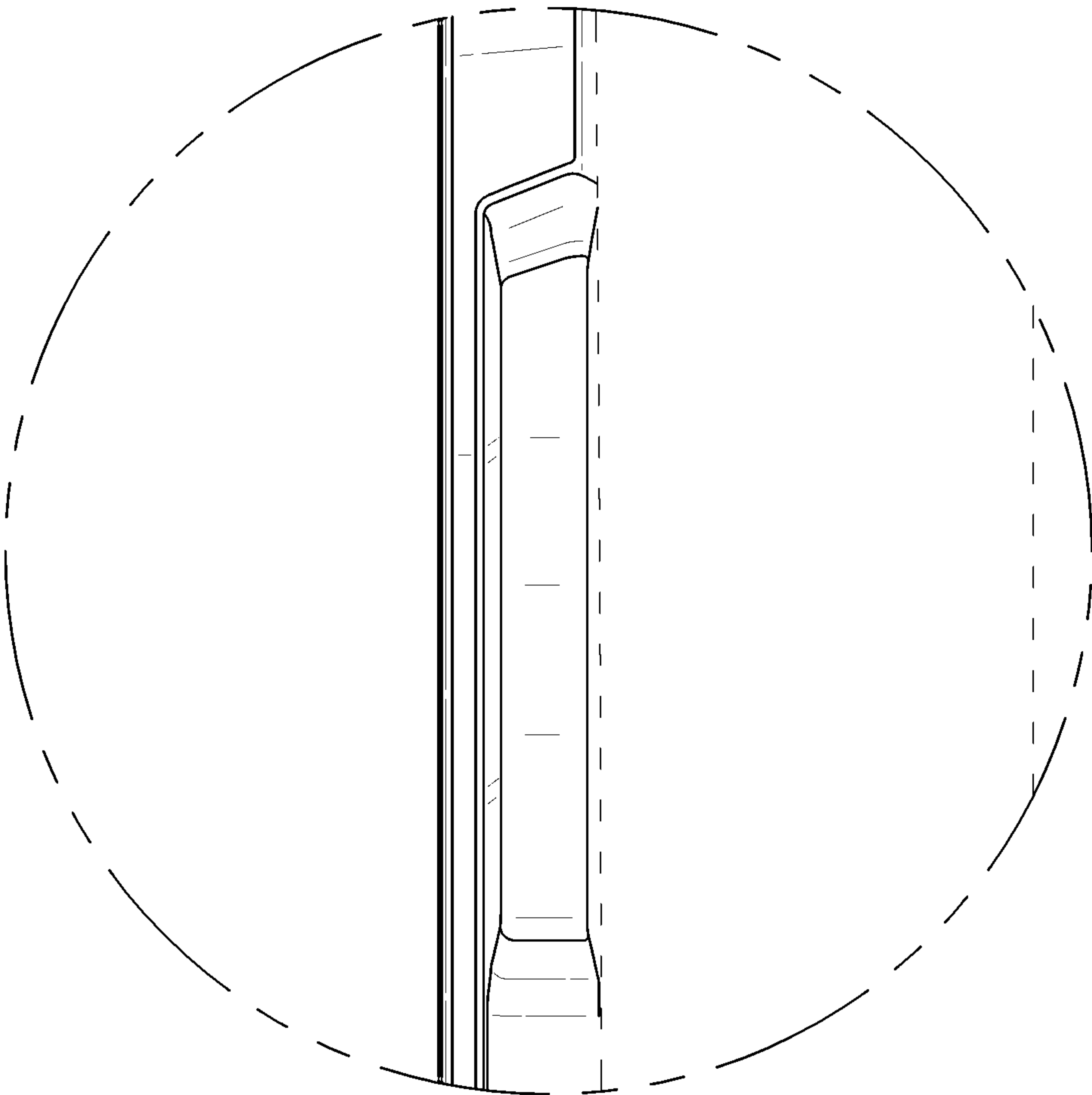


FIG. 10

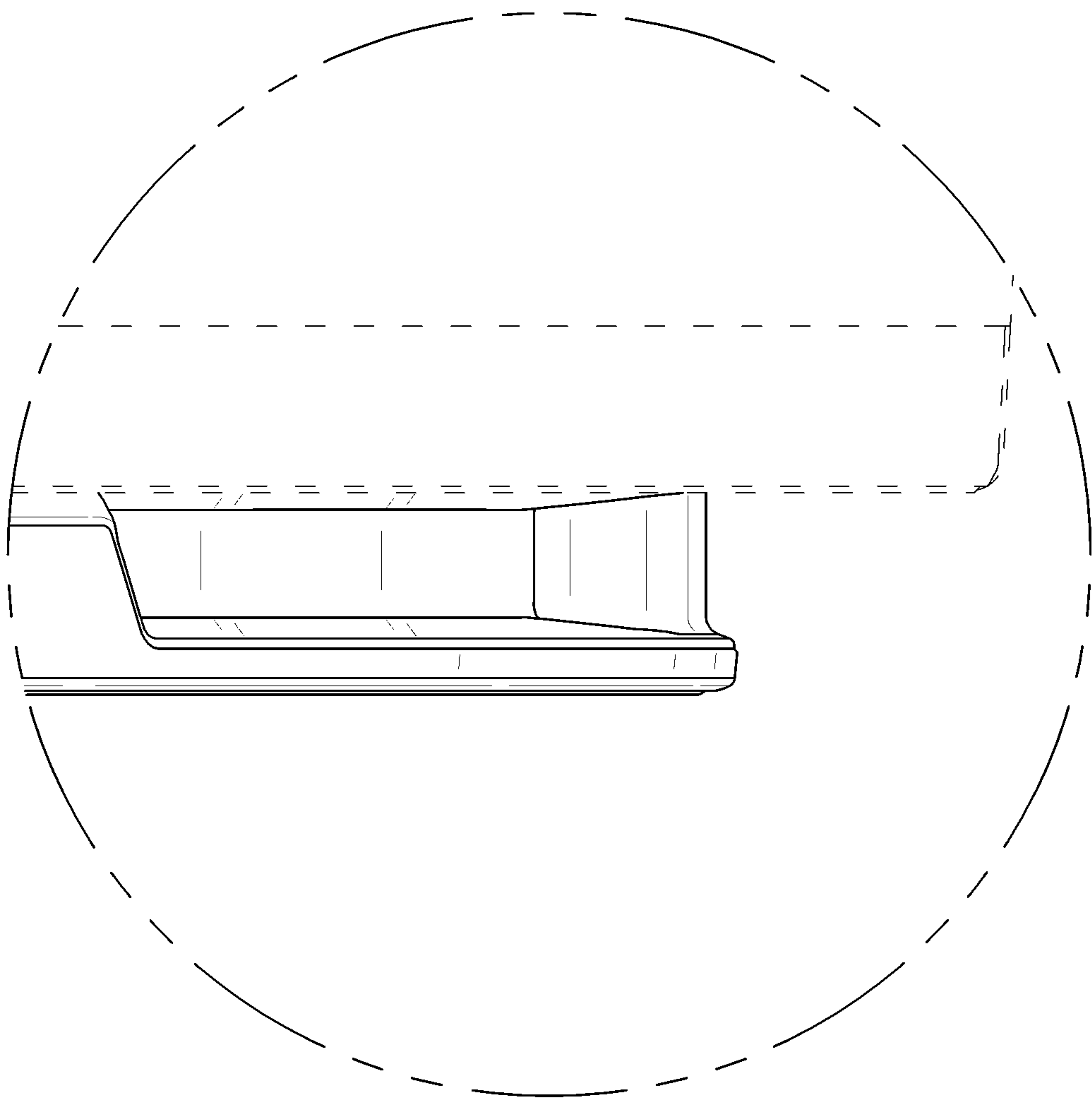


FIG. 11

