

US00D949496S

(12) **United States Design Patent** (10) **Patent No.:** **US D949,496 S**  
**Bixby et al.** (45) **Date of Patent:** **\*\* Apr. 19, 2022**

(54) **TOPLOAD WASHING APPLIANCE**

- (71) Applicant: **WHIRLPOOL CORPORATION**,  
Benton Harbor, MI (US)
- (72) Inventors: **Seth E. Bixby**, Stevensville, MI (US);  
**Samuel B. Breneman**, St. Joseph, MI  
(US); **Richard K. Gresens**, St. Joseph,  
MI (US); **John W. McConnell**, St.  
Joseph, MI (US); **Patrick J. Schiavone**,  
Benton Harbor, MI (US)
- (73) Assignee: **Whirlpool Corporation**, Benton  
Harbor, MI (US)

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

(21) Appl. No.: **29/766,247**

(22) Filed: **Jan. 14, 2021**

**Related U.S. Application Data**

(60) Division of application No. 29/646,843, filed on May  
8, 2018, now Pat. No. Des. 916,401, which is a  
continuation of application No. 29/583,710, filed on  
Nov. 8, 2016, now Pat. No. Des. 824,607, which is a  
(Continued)

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

(52) **U.S. Cl.**  
USPC ..... **D32/28**

(58) **Field of Classification Search**  
USPC ..... D32/6, 8, 25, 28  
CPC ..... G06F 3/044; C02F 1/001; D06F 37/304;  
D06F 33/00; D06F 39/022; D06F 39/14;  
(Continued)

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D484,652 S 12/2003 Clark et al.  
6,665,984 B2 12/2003 Bienick et al.  
D538,488 S 3/2007 Carey et al.

(Continued)

**OTHER PUBLICATIONS**

Top loading washer <https://www.homedepot.com/p/Samsung-5-0-cu-ft-High-Efficiency-Top-Load-Washer-in-White-ENERGY-STAR-WA50M7450AW/301176928> (Year: 2017).\*

(Continued)

*Primary Examiner* — Michelle E. Wilson  
*Assistant Examiner* — Richard E Yenchesky  
(74) *Attorney, Agent, or Firm* — Price Heneveld LLP

(57) **CLAIM**

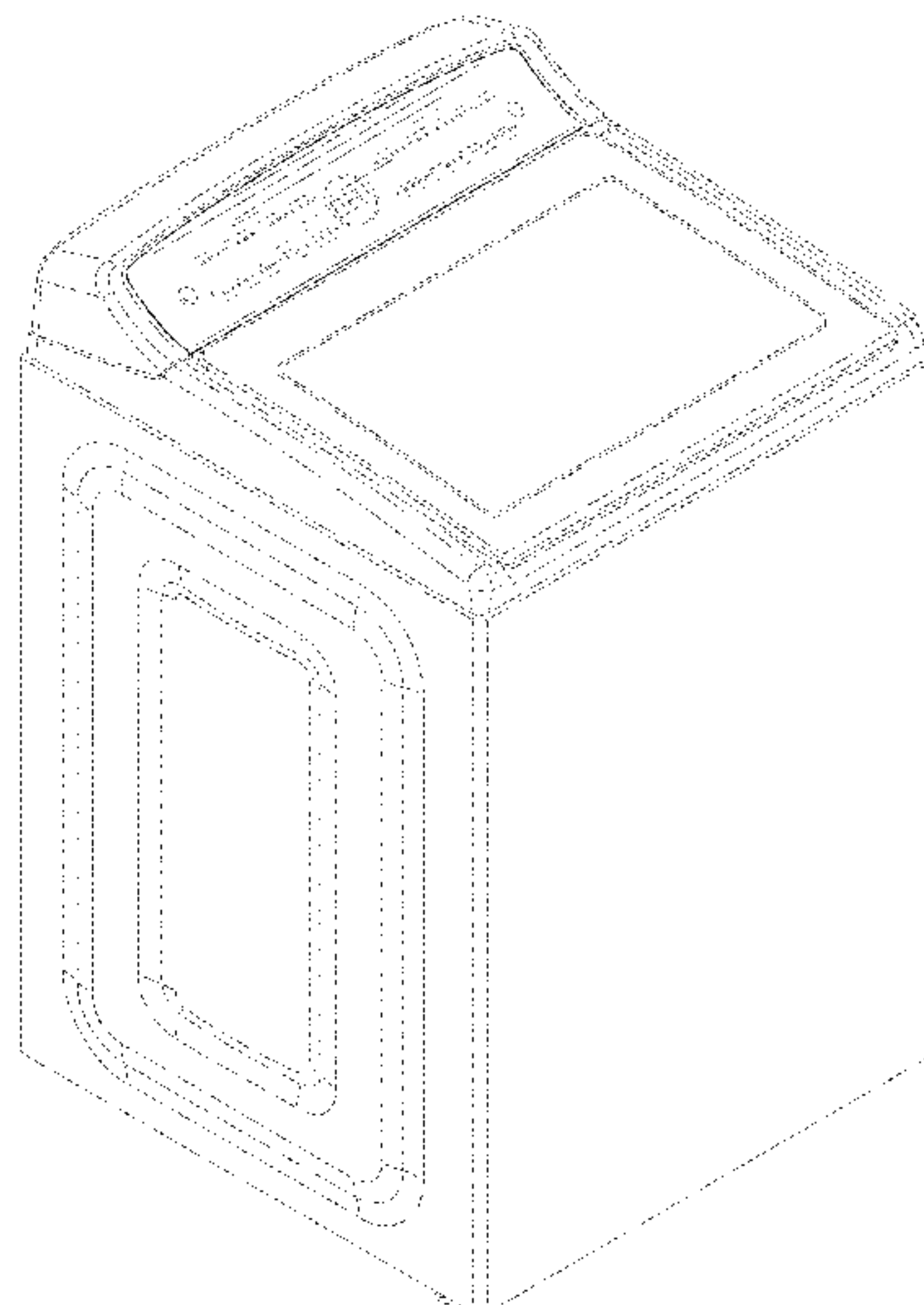
We claim the ornamental design for a topload washing  
appliance, as shown.

**DESCRIPTION**

FIG. 1 is a first top perspective view of the topload washing  
appliance of the present invention;  
FIG. 2 is a second top perspective view of the topload  
washing appliance of the present invention;  
FIG. 3 is a top plan view of the topload washing appliance  
of the present invention;  
FIG. 4 is a bottom plan view of the topload washing  
appliance of the present invention;  
FIG. 5 is a first side elevation view of the topload washing  
appliance of the present invention;  
FIG. 6 is a second side elevation view of the topload  
washing appliance of the present invention;  
FIG. 7 is a third side elevation view of the topload washing  
appliance of the present invention;  
FIG. 8 is a fourth side elevation view of the topload washing  
appliance of the present invention; and,  
FIG. 9 is another first side elevation view of the topload  
washing appliance of the present invention with the door in  
an open position to view the underside of the washing  
appliance door.

The broken lines in the figures are for contextual purposes  
or show the environment and form no part of the claimed  
design.

**1 Claim, 9 Drawing Sheets**



**Related U.S. Application Data**

continuation of application No. 29/499,738, filed on Aug. 19, 2014, now Pat. No. Des. 774,713.

(58) **Field of Classification Search**

CPC .... D06F 37/28; H02M 7/53871; G06N 20/00; H05K 1/0274; F24C 7/082

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D554,307 S 10/2007 Kim  
D575,012 S 8/2008 Rossetto et al.  
D619,314 S 7/2010 Bixby et al.  
D620,656 S 7/2010 Bixby et al.  
D621,563 S 8/2010 Bixby et al.  
D631,215 S 1/2011 Song et al.  
D632,033 S 2/2011 Song et al.  
D648,084 S \* 11/2011 Browne ..... D32/28  
D648,085 S \* 11/2011 Miller ..... D32/28  
D648,497 S \* 11/2011 Bhattacharya ..... D32/28  
D654,640 S 2/2012 Song et al.  
8,297,085 B2 10/2012 Kim et al.  
D679,462 S \* 4/2013 Zhang ..... D32/6  
D681,892 S \* 5/2013 Meda ..... D32/28  
8,511,115 B2 8/2013 Kim et al.  
D694,965 S 12/2013 Lee et al.  
D695,474 S 12/2013 Calmeise  
D697,680 S 1/2014 Hwang et al.  
D699,907 S \* 2/2014 Choi ..... D32/28  
D700,410 S \* 2/2014 Hwang ..... D32/25  
D701,656 S 3/2014 Choi et al.  
D703,887 S 4/2014 Lee et al.  
D704,907 S 5/2014 Yoo et al.  
D705,508 S 5/2014 Calmeise  
D709,657 S 7/2014 Shin et al.  
8,763,431 B2 7/2014 Kim et al.  
D711,605 S 8/2014 Jo et al.  
D729,998 S \* 5/2015 Jeon ..... D32/6  
D733,372 S 6/2015 Song et al.  
D733,375 S 6/2015 Uk et al.  
D758,028 S 5/2016 Bixby et al.  
D758,029 S 5/2016 Bixby et al.  
D758,031 S 5/2016 Bixby et al.  
D759,325 S \* 6/2016 Jeon ..... D32/6  
D759,912 S 6/2016 Bixby et al.  
D759,916 S \* 6/2016 Choi ..... D32/28  
D759,917 S \* 6/2016 Choi ..... D32/28  
D759,918 S \* 6/2016 Choi ..... D32/28  
D760,457 S \* 6/2016 Choi ..... D32/28  
D760,458 S \* 6/2016 Choi ..... D32/28  
D764,121 S \* 8/2016 Choi ..... D32/6  
D772,505 S 11/2016 Bixby et al.  
D774,713 S 12/2016 Bixby et al.  
D793,012 S \* 7/2017 Bixby ..... D32/6  
D793,632 S 8/2017 Ayers et al.  
D798,005 S \* 9/2017 Bixby ..... D32/6  
D798,511 S \* 9/2017 Bixby ..... D32/6  
D812,323 S \* 3/2018 Bixby ..... D32/8  
D818,219 S \* 5/2018 Bixby ..... D32/6  
D824,607 S \* 7/2018 Bixby ..... D32/6  
D824,608 S \* 7/2018 Bixby ..... D32/6  
D831,907 S \* 10/2018 Bixby ..... D32/8  
D833,091 S \* 11/2018 Ayers ..... D32/6  
D839,513 S \* 1/2019 Ayers ..... D32/25  
D840,614 S \* 2/2019 Bixby ..... D32/8

D842,607 S 3/2019 Kraemer  
D847,444 S \* 4/2019 Ayers ..... D32/6  
D858,013 S \* 8/2019 Kang ..... D32/6  
D858,015 S \* 8/2019 Bixby ..... D32/8  
D858,914 S \* 9/2019 Bixby ..... D32/6  
D858,916 S \* 9/2019 Bixby ..... D32/8  
D867,692 S \* 11/2019 Ayers ..... D32/6  
D867,751 S 12/2019 Ko et al.  
D869,791 S \* 12/2019 Ko ..... D32/6  
D873,515 S \* 1/2020 Bixby ..... D32/25  
D874,752 S 2/2020 Lee  
D876,732 S \* 2/2020 Shin ..... D32/6  
D884,997 S \* 5/2020 Kim ..... D32/6  
D887,654 S \* 6/2020 Choi ..... D32/6  
D887,655 S \* 6/2020 Choi ..... D32/6  
D888,356 S \* 6/2020 Shin ..... D32/6  
D894,507 S \* 8/2020 Kim ..... D32/25  
D900,419 S \* 10/2020 Kim ..... D32/25  
D901,107 S \* 11/2020 Kim ..... D32/6  
D916,401 S \* 4/2021 Bixby ..... D32/6  
D922,700 S \* 6/2021 Kim ..... D32/8  
2003/0042654 A1 3/2003 Bienick et al.  
2004/0068951 A1 4/2004 Bienick et al.  
2005/0050925 A1 3/2005 Je et al.  
2006/0288742 A1 12/2006 Hapke et al.  
2009/0193678 A1 8/2009 Latack et al.  
2009/0229320 A1 9/2009 Yoo et al.  
2010/0147658 A1 \* 6/2010 Steffens ..... F24C 7/082  
200/293  
2011/0050059 A1 3/2011 Kim et al.  
2011/0050060 A1 3/2011 Kim et al.  
2011/0062837 A1 3/2011 Kim et al.  
2011/0089793 A1 \* 4/2011 Kim ..... D06F 39/14  
312/228  
2011/0121694 A1 5/2011 Kim et al.  
2012/0327201 A1 12/2012 Kappler et al.  
2013/0193823 A1 8/2013 Cho et al.  
2014/0210324 A1 7/2014 Kilgore et al.  
2014/0373284 A1 \* 12/2014 Leibman ..... D06F 39/022  
8/137  
2015/0123521 A1 \* 5/2015 Lee ..... D06F 37/28  
312/228  
2015/0233039 A1 8/2015 Cho et al.  
2015/0233042 A1 \* 8/2015 Kang ..... D06F 39/14  
312/228  
2015/0252508 A1 9/2015 Kim et al.  
2015/0267337 A1 9/2015 Kim et al.  
2015/0292136 A1 10/2015 Leonard et al.  
2015/0345069 A1 \* 12/2015 Leibman ..... D06F 39/022  
68/17 R  
2016/0010268 A1 \* 1/2016 Hawboldt ..... D06F 33/00  
8/137  
2018/0266036 A1 \* 9/2018 Leibman ..... D06F 39/022  
2021/0037641 A1 \* 2/2021 Aguiar ..... H05K 1/0274  
2021/0266191 A1 \* 8/2021 Park ..... G06N 20/00  
2021/0269958 A1 \* 9/2021 Kim ..... H02M 7/53871  
2021/0285141 A1 \* 9/2021 Park ..... D06F 37/304  
2021/0292961 A1 \* 9/2021 Pollett ..... C02F 1/001  
2021/0294443 A1 \* 9/2021 Kim ..... G06F 3/044

OTHER PUBLICATIONS

Top Load Agitator <https://www.homedepot.com/p/Whirlpool-4-5-cu-ft-High-Efficiency-Top-Load-Agitator-Washer-in-White-with-Built-in-Faucet-WTW5015LW/317821963#overlay> (Year: 2021).\*

\* cited by examiner



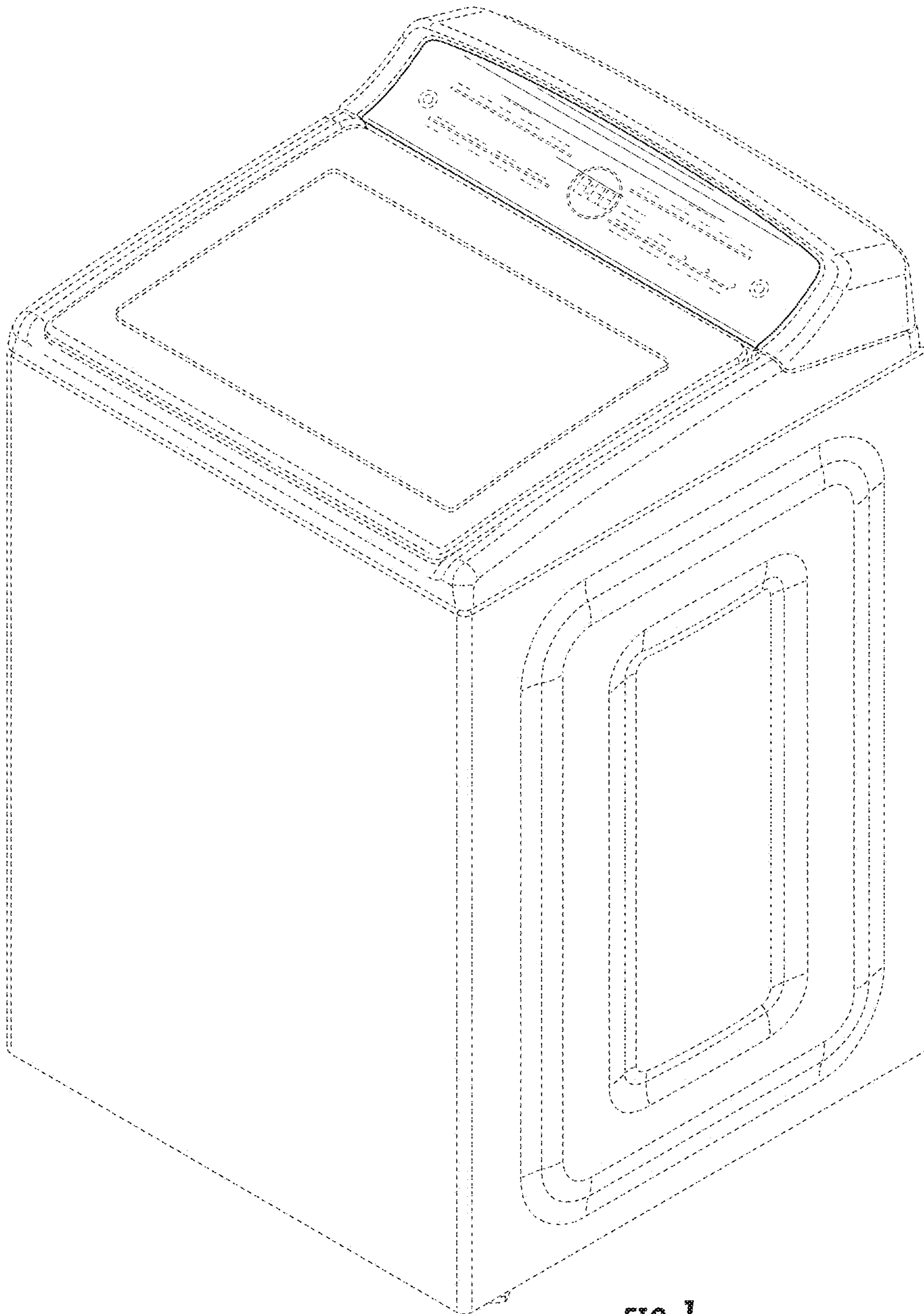
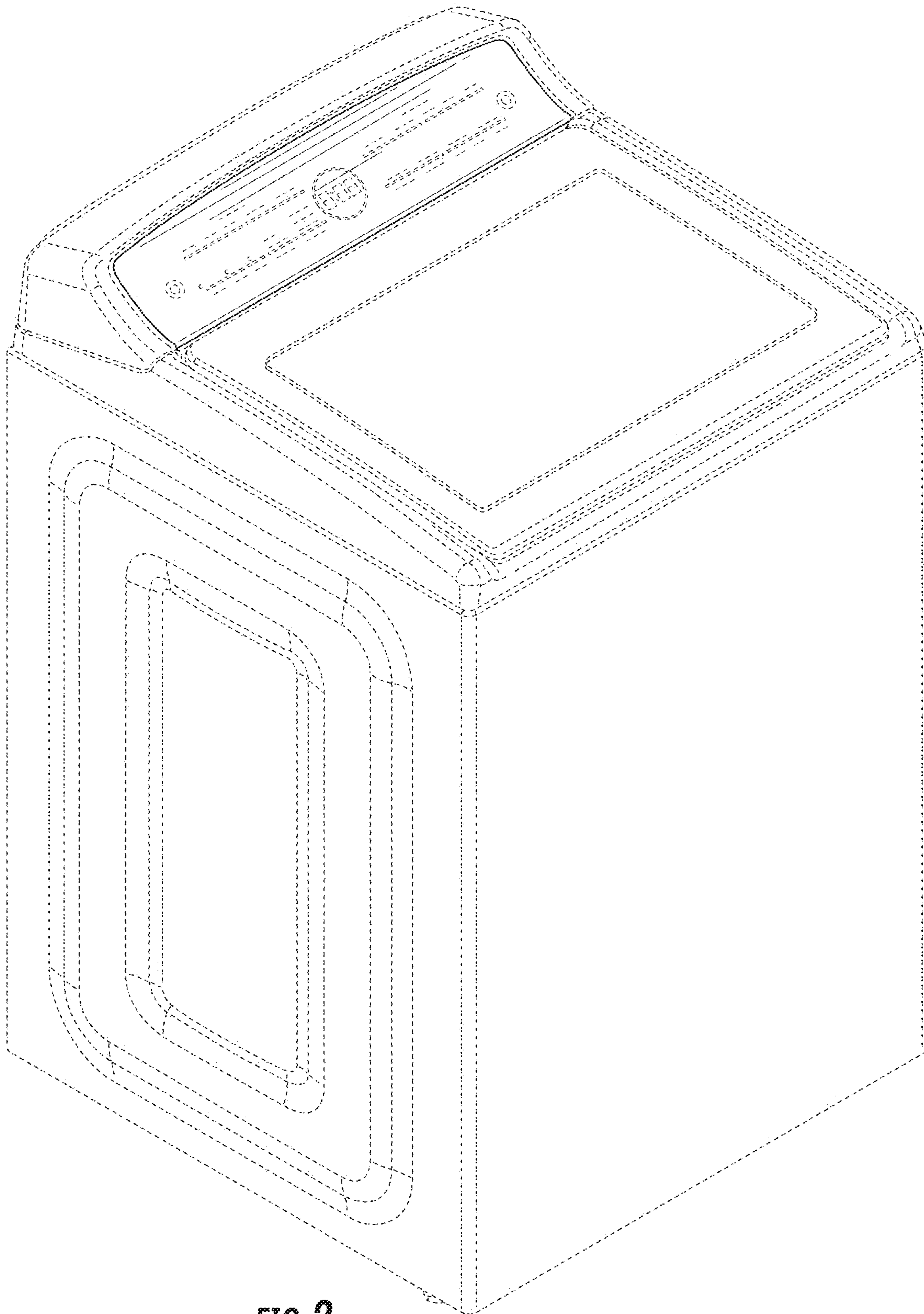


FIG. 1



**FIG. 2**

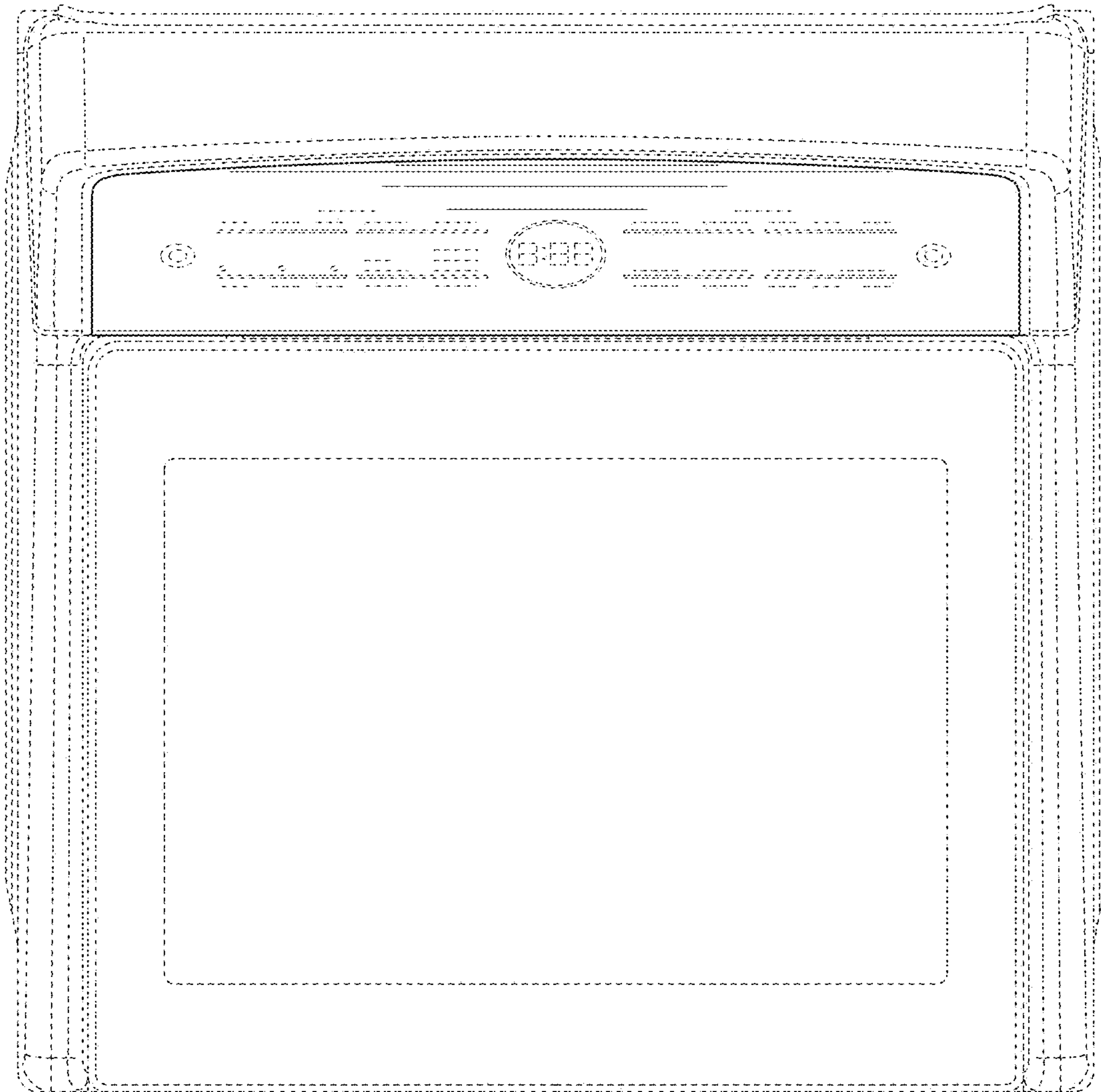
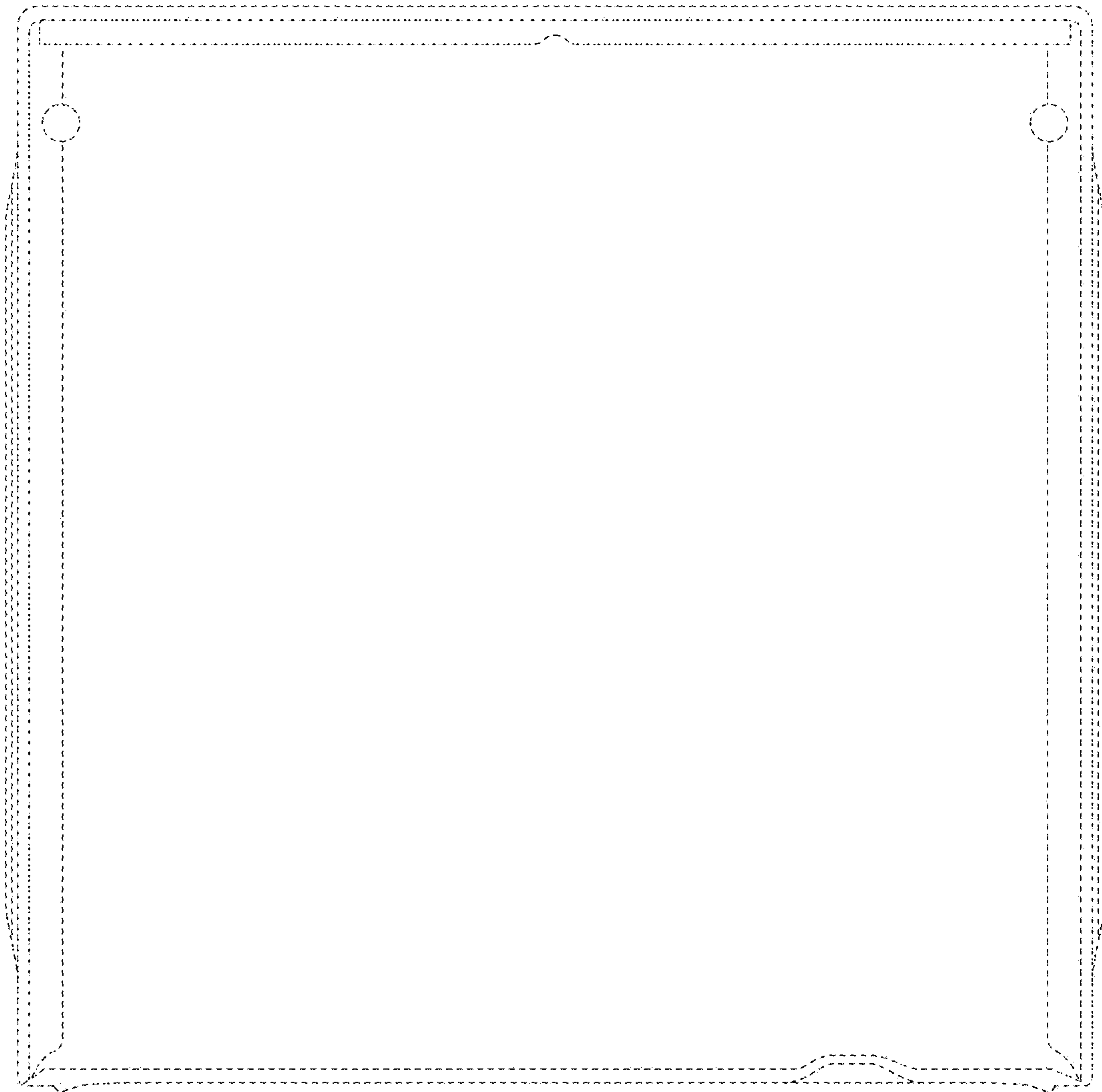


FIG. 3



**FIG. 4**

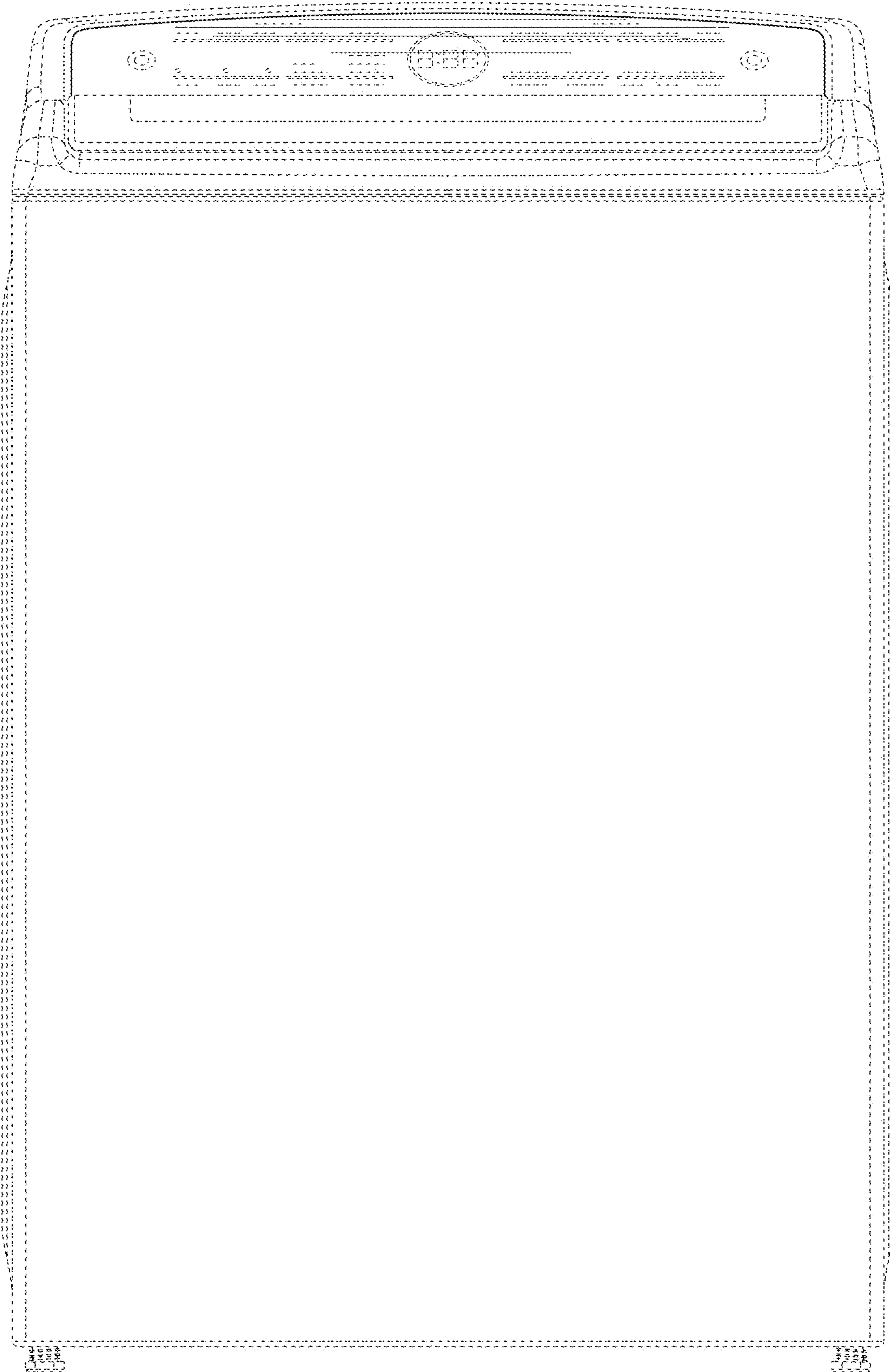


FIG. 5



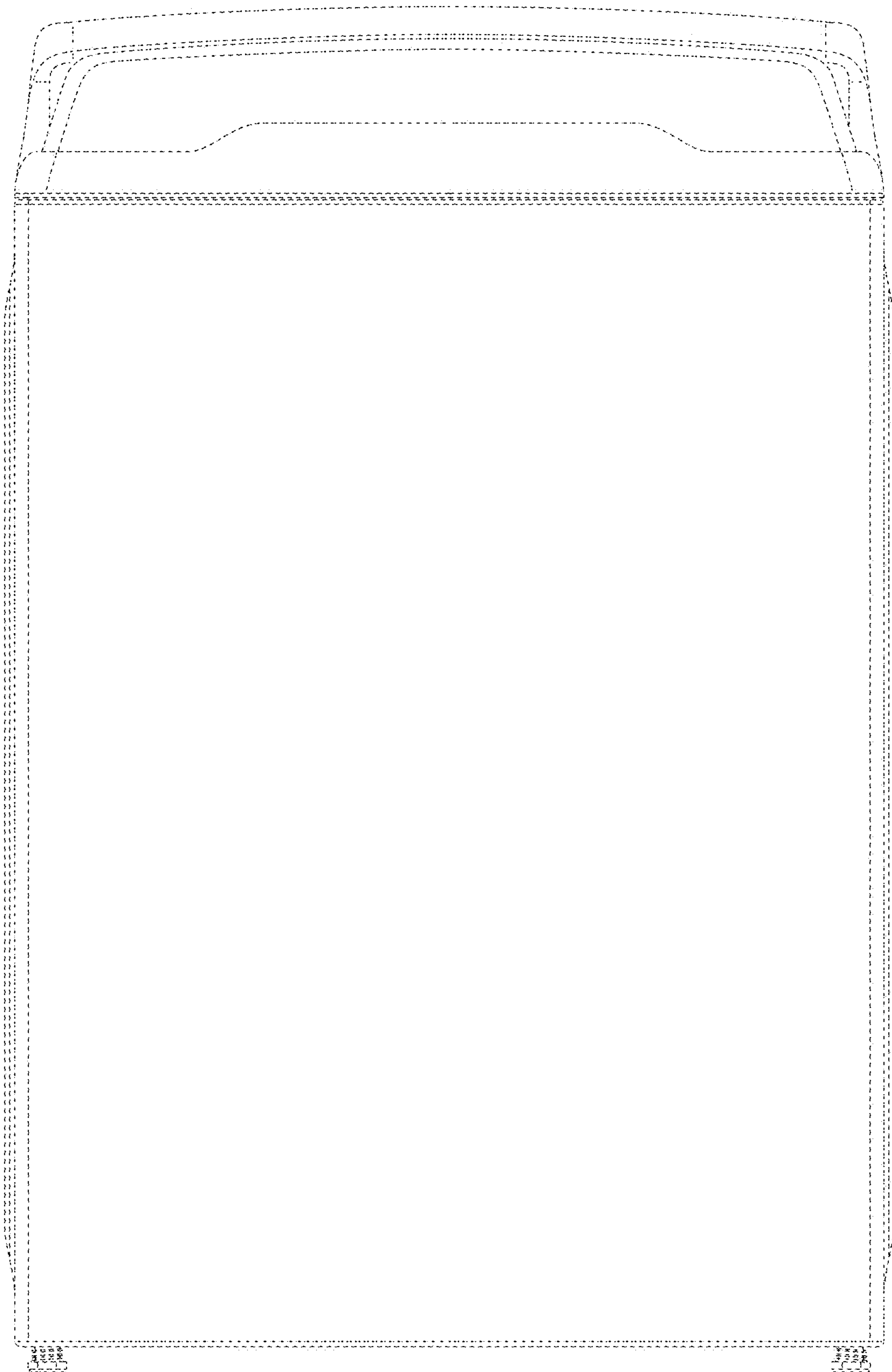


FIG. 6



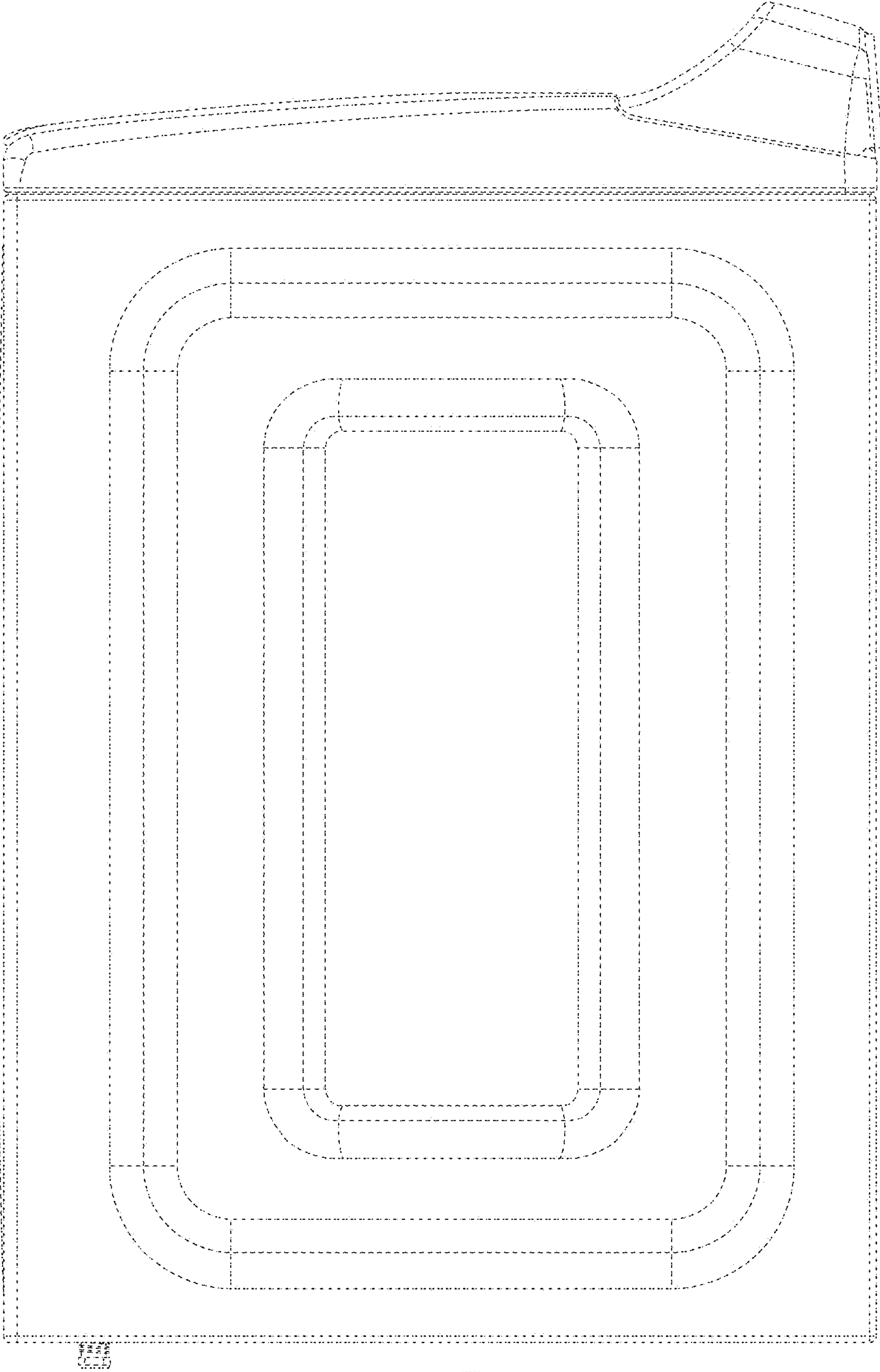


FIG. 7

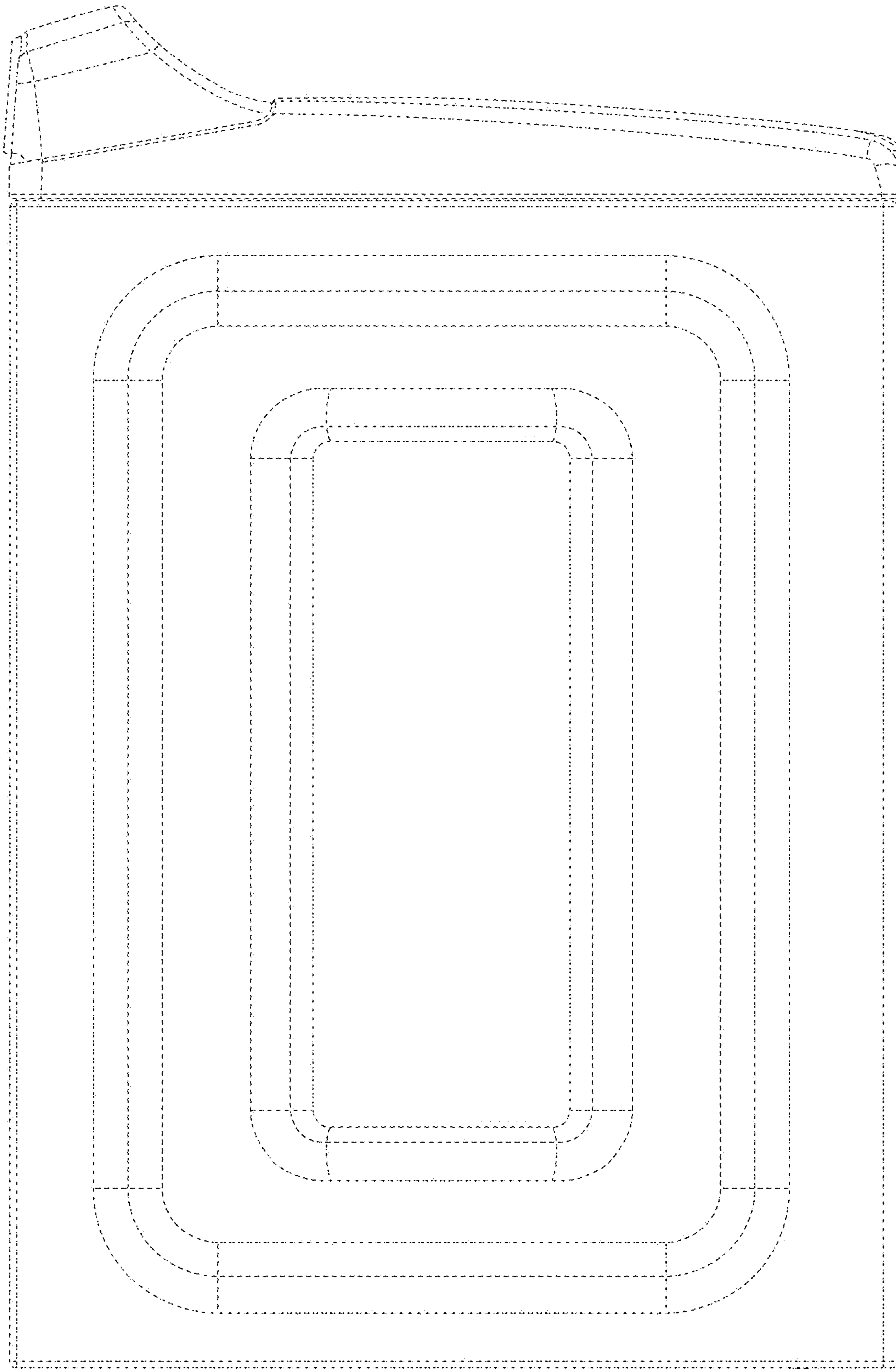
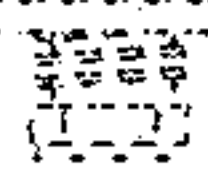


FIG. 8



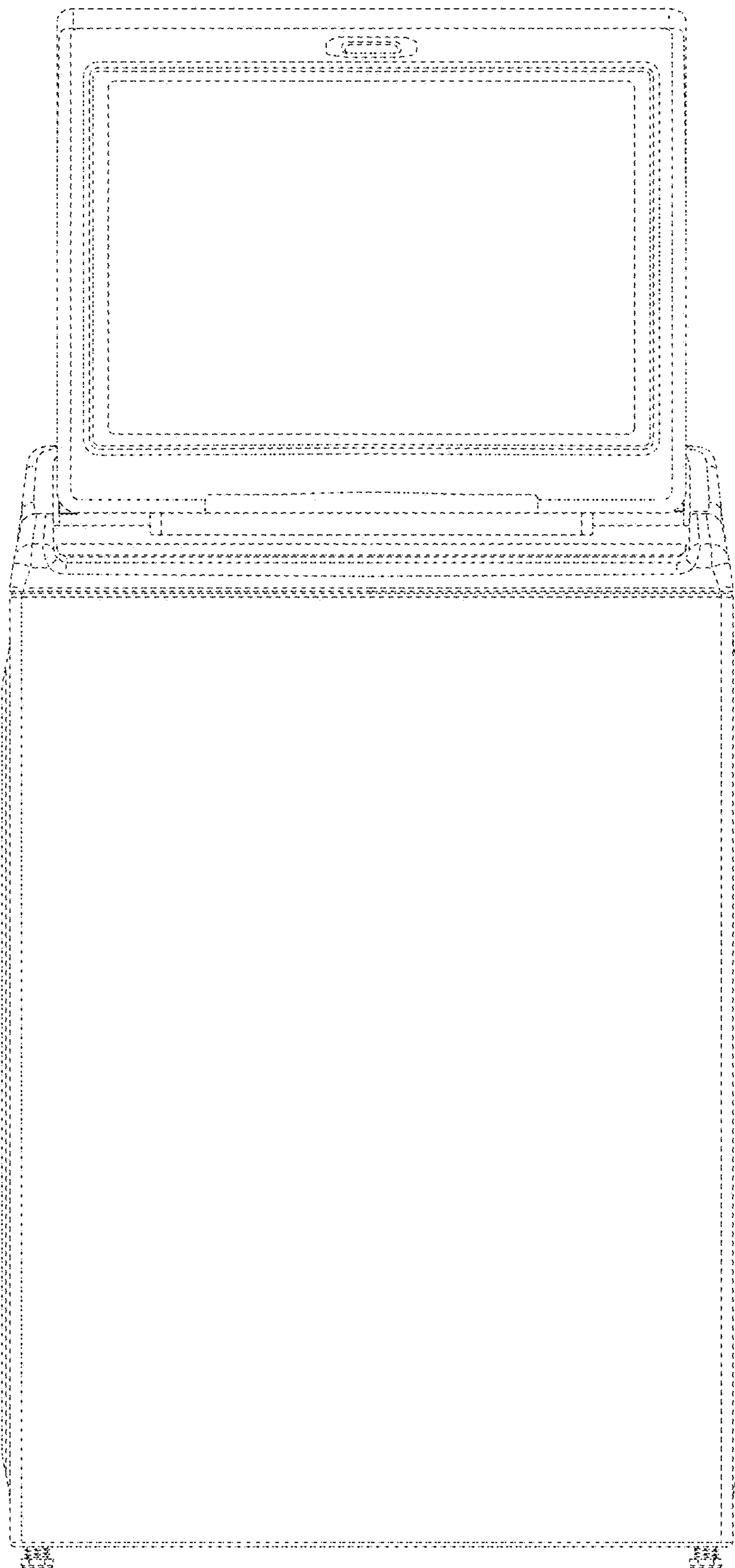


FIG. 9