



US00D661234S

(12) **United States Design Patent**
De Wind

(10) **Patent No.:** **US D661,234 S**
(45) **Date of Patent:** **** *Jun. 5, 2012**

(54) **VEHICULAR ELECTRO-OPTIC MIRROR ASSEMBLY**

(75) Inventor: **Darryl P. De Wind**, West Olive, MI (US)

(73) Assignee: **Magna Mirrors of America, Inc.**, Holland, MI (US)

(*) Notice: This patent is subject to a terminal disclaimer.

(**) Term: **14 Years**

(21) Appl. No.: **29/406,502**

(22) Filed: **Nov. 15, 2011**

Related U.S. Application Data

(63) Continuation-in-part of application No. PCT/US2011/056295, filed on Oct. 14, 2011.

(51) **LOC (9) Cl.** **12-16**

(52) **U.S. Cl.** **D12/187**

(58) **Field of Classification Search** D12/187, D12/188, 189; D6/300, 309; 359/838, 841-844, 359/868, 871, 604, 881, 514, 866; 248/475.1, 248/479-483

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

| | | | | |
|-----------|------|---------|-------------------|---------|
| 5,669,698 | A * | 9/1997 | Veldman et al. | 362/494 |
| 5,671,996 | A * | 9/1997 | Bos et al. | 362/488 |
| 6,499,850 | B2 | 12/2002 | Waldmann | |
| D470,089 | S * | 2/2003 | Hook et al. | D12/187 |
| D493,131 | S | 7/2004 | Lawlor et al. | |
| D493,394 | S | 7/2004 | Lawlor et al. | |
| 6,983,920 | B2 * | 1/2006 | DeLine | 248/481 |
| 7,110,156 | B2 | 9/2006 | Lawlor et al. | |
| 7,532,149 | B2 | 5/2009 | Banko et al. | |
| 7,710,631 | B2 | 5/2010 | McCabe et al. | |
| 7,821,697 | B2 | 10/2010 | Varaprasad et al. | |
| D633,019 | S | 2/2011 | De Wind | |
| D633,423 | S | 3/2011 | De Wind | |
| D638,761 | S * | 5/2011 | De Wind | D12/187 |

| | | | | |
|--------------|------|---------|-------------------|---------|
| D647,017 | S | 10/2011 | De Wind | |
| 2002/0097494 | A1 * | 7/2002 | Waldmann | 359/603 |
| 2008/0266389 | A1 | 10/2008 | DeWind et al. | |
| 2009/0207514 | A1 * | 8/2009 | McCabe et al. | 359/871 |
| 2009/0213480 | A1 | 8/2009 | Li | |
| 2009/0237821 | A1 * | 9/2009 | Li | 359/844 |
| 2009/0244740 | A1 | 10/2009 | Takayanagi et al. | |
| 2010/0085645 | A1 | 4/2010 | Skiver et al. | |
| 2010/0091394 | A1 * | 4/2010 | DeWind et al. | 359/838 |
| 2010/0290141 | A1 * | 11/2010 | Huang | 359/844 |
| 2010/0321758 | A1 | 12/2010 | Bugno et al. | |

FOREIGN PATENT DOCUMENTS

| | | |
|----|--------------|---------|
| WO | WO2010124064 | 10/2010 |
| WO | WO2011044312 | 4/2011 |

* cited by examiner

Primary Examiner — Caron D Veynar

Assistant Examiner — Katrina A. Betton

(74) *Attorney, Agent, or Firm* — Gardner, Linn, Burkhardt & Flory, LLP

(57) **CLAIM**

The ornamental designs for a vehicular electro-optic mirror assembly, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a vehicular electro-optic mirror assembly in accordance with the present invention; FIG. 2 is a rear perspective view of the vehicular electro-optic mirror assembly of FIG. 1; FIG. 3 is a front elevation of the vehicular electro-optic mirror assembly of FIG. 1; FIG. 4 is a rear elevation of the vehicular electro-optic mirror assembly of FIG. 1; FIG. 5 is a side elevation of the vehicular electro-optic mirror assembly of FIG. 1; FIG. 6 is an opposite side elevation of the vehicular electro-optic mirror assembly of FIG. 1; FIG. 7 is a top plan view of the vehicular electro-optic mirror assembly of FIG. 1; FIG. 8 is a bottom plan view of the vehicular electro-optic mirror assembly of FIG. 1;

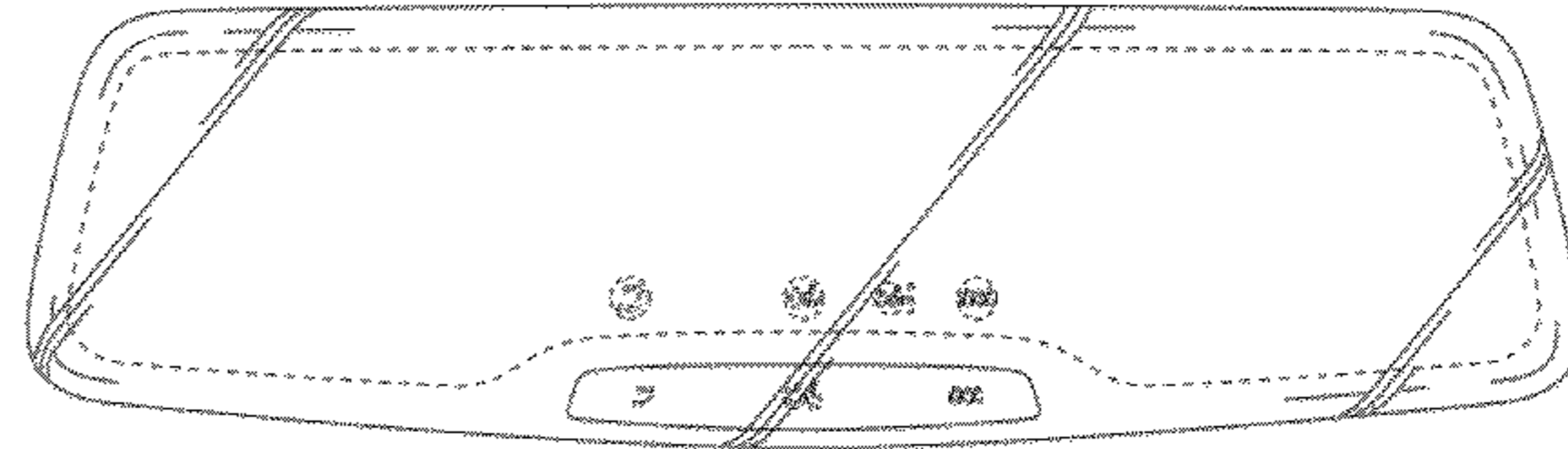
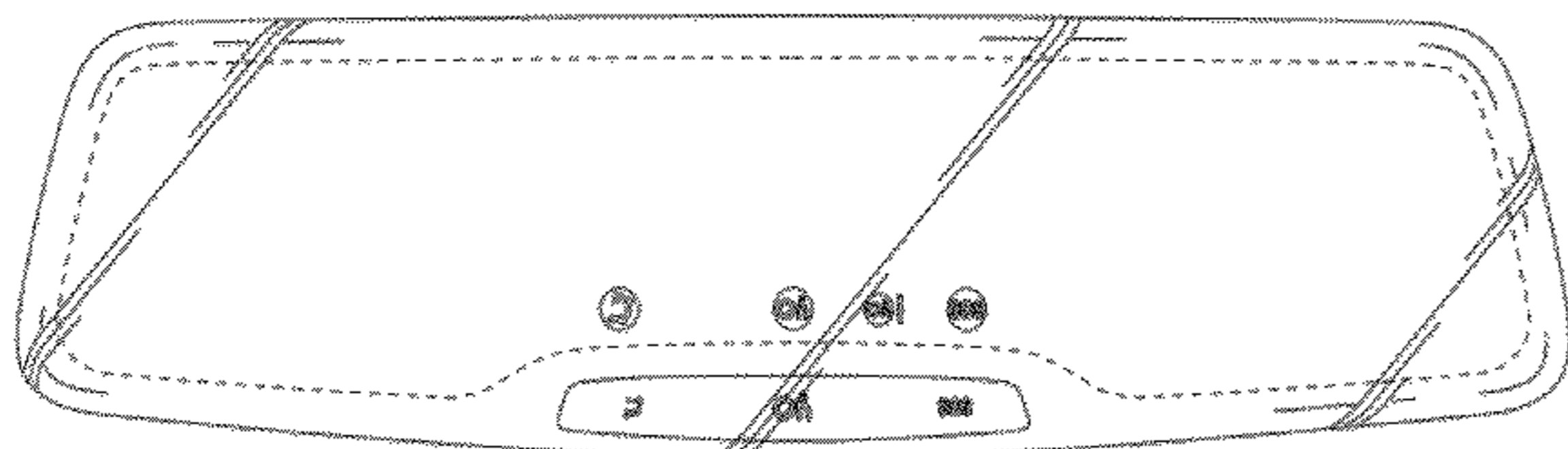


FIG. 9 is a front perspective view of a second embodiment of a vehicular electro-optic mirror assembly in accordance with the present invention;

FIG. 10 is a rear perspective view of the vehicular electro-optic mirror assembly of FIG. 9;

FIG. 11 is a front elevation of the vehicular electro-optic mirror assembly of FIG. 9;

FIG. 12 is a rear elevation of the vehicular electro-optic mirror assembly of FIG. 9;

FIG. 13 is a side elevation of the vehicular electro-optic mirror assembly of FIG. 9;

FIG. 14 is an opposite side elevation of the vehicular electro-optic mirror assembly of FIG. 9;

FIG. 15 is a top plan view of the vehicular electro-optic mirror assembly of FIG. 9;

FIG. 16 is a bottom plan view of the vehicular electro-optic mirror assembly of FIG. 9;

FIG. 17 is a front perspective view of a third embodiment of a vehicular electro-optic mirror assembly in accordance with the present invention;

FIG. 18 is a rear perspective view of the vehicular electro-optic mirror assembly of FIG. 17;

FIG. 19 is a front elevation of the vehicular electro-optic mirror assembly of FIG. 17;

FIG. 20 is a rear elevation of the vehicular electro-optic mirror assembly of FIG. 17;

FIG. 21 is a side elevation of the vehicular electro-optic mirror assembly of FIG. 17;

FIG. 22 is an opposite side elevation of the vehicular electro-optic mirror assembly of FIG. 17;

FIG. 23 is a top plan view of the vehicular electro-optic mirror assembly of FIG. 17;

FIG. 24 is a bottom plan view of the vehicular electro-optic mirror assembly of FIG. 17;

FIG. 25 is a front perspective view of a fourth embodiment of a vehicular electro-optic mirror assembly in accordance with the present invention;

FIG. 26 is a rear perspective view of the vehicular electro-optic mirror assembly of FIG. 25;

FIG. 27 is a front elevation of the vehicular electro-optic mirror assembly of FIG. 25;

FIG. 28 is a rear elevation of the vehicular electro-optic mirror assembly of FIG. 25;

FIG. 29 is a side elevation of the vehicular electro-optic mirror assembly of FIG. 25;

FIG. 30 is an opposite side elevation of the vehicular electro-optic mirror assembly of FIG. 25;

FIG. 31 is a top plan view of the vehicular electro-optic mirror assembly of FIG. 25; and,

FIG. 32 is a bottom plan view of the vehicular electro-optic mirror assembly of FIG. 25.

In the drawings, the broken lines in the figures depict portions of the design that form no part of the claim.

1 Claim, 20 Drawing Sheets

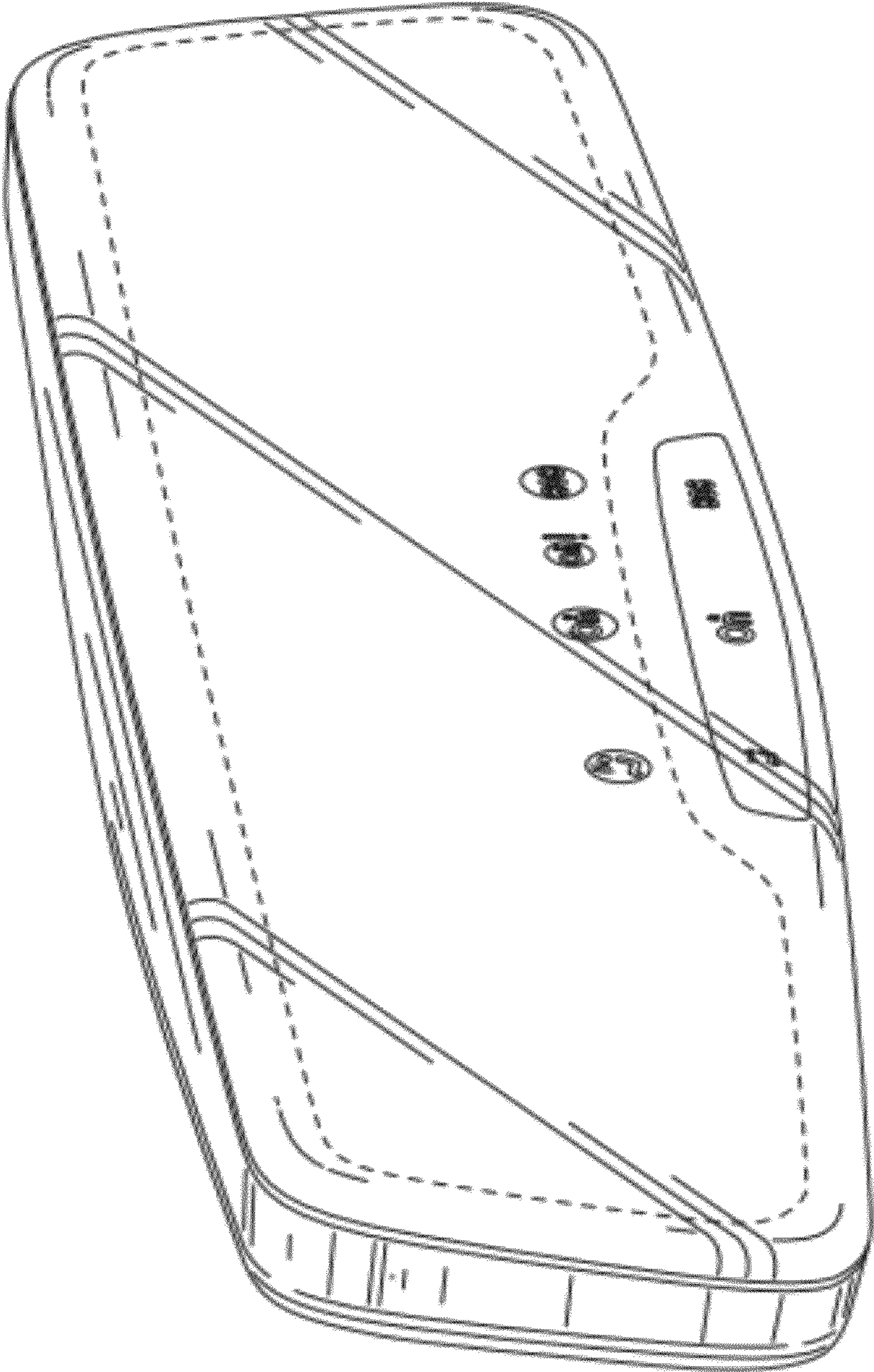


FIG. 1

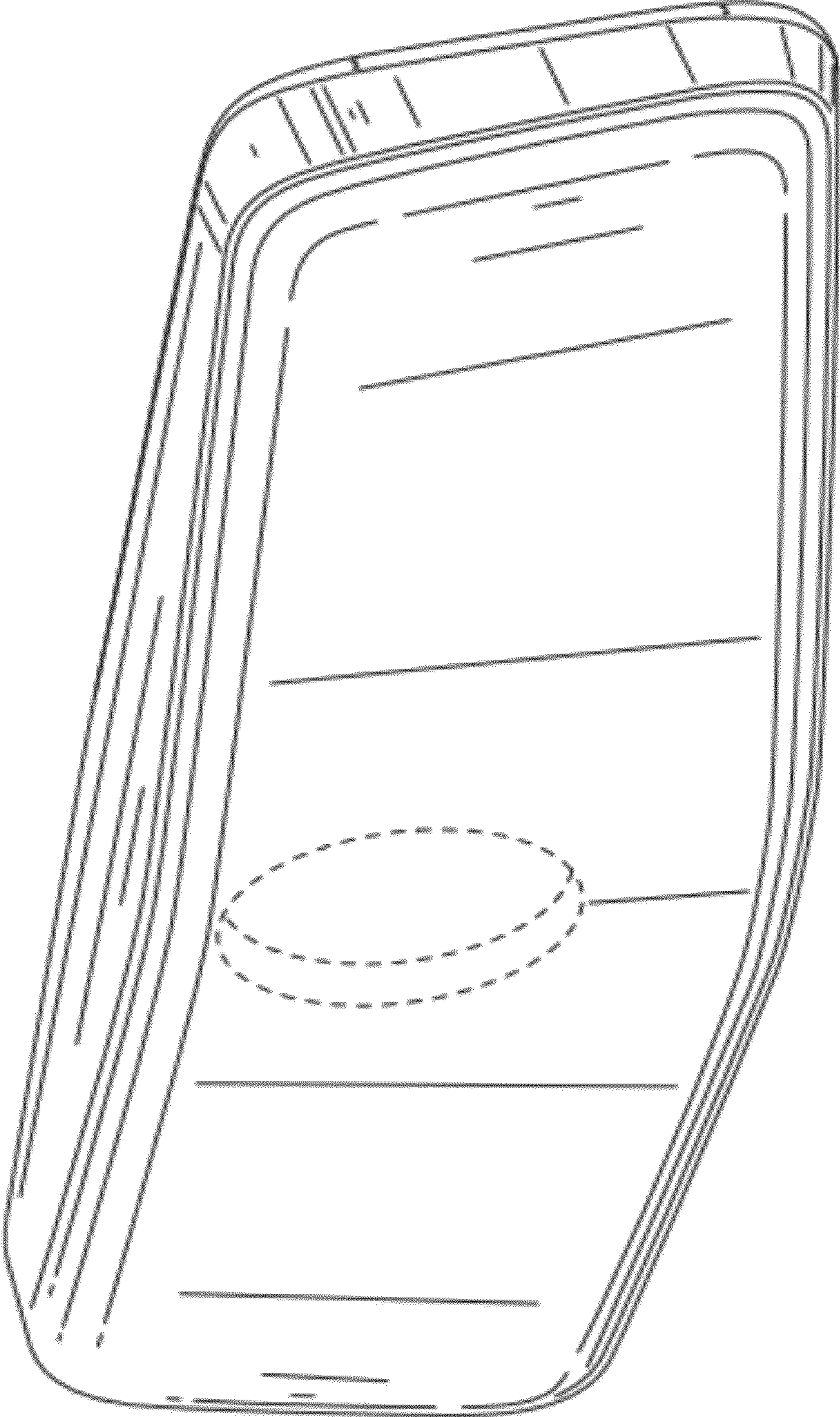


FIG. 2

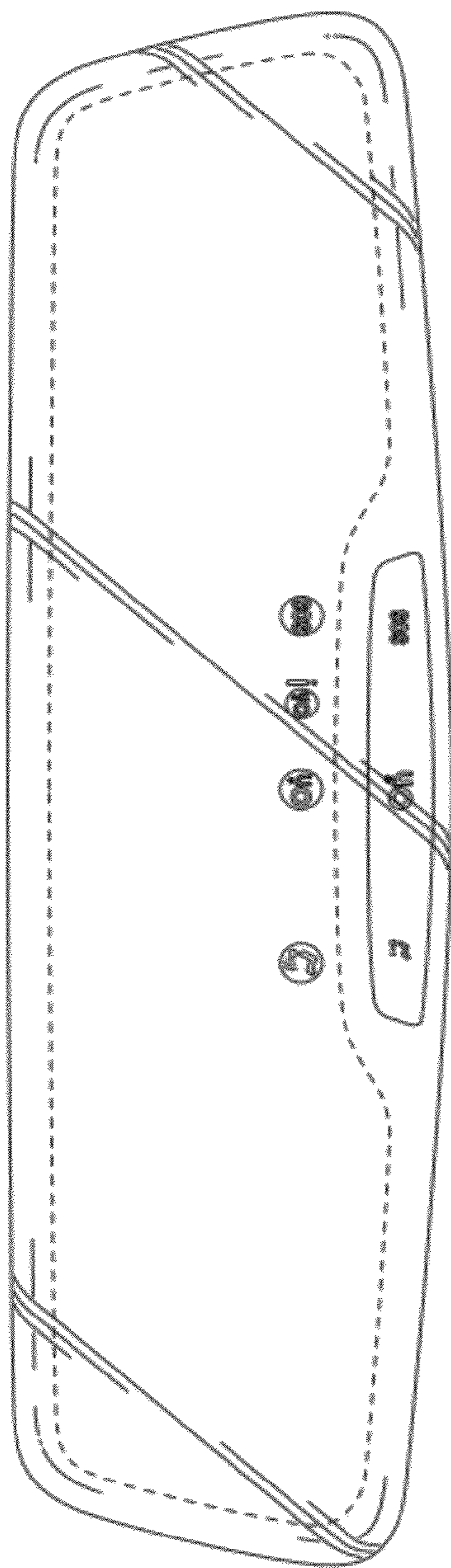


FIG. 3

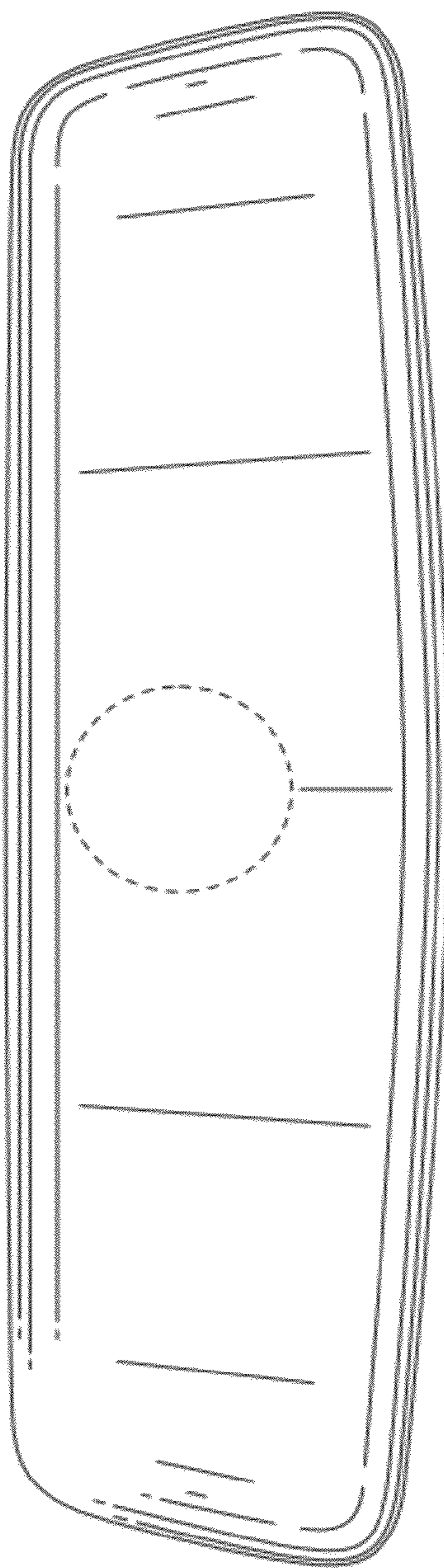


FIG. 4

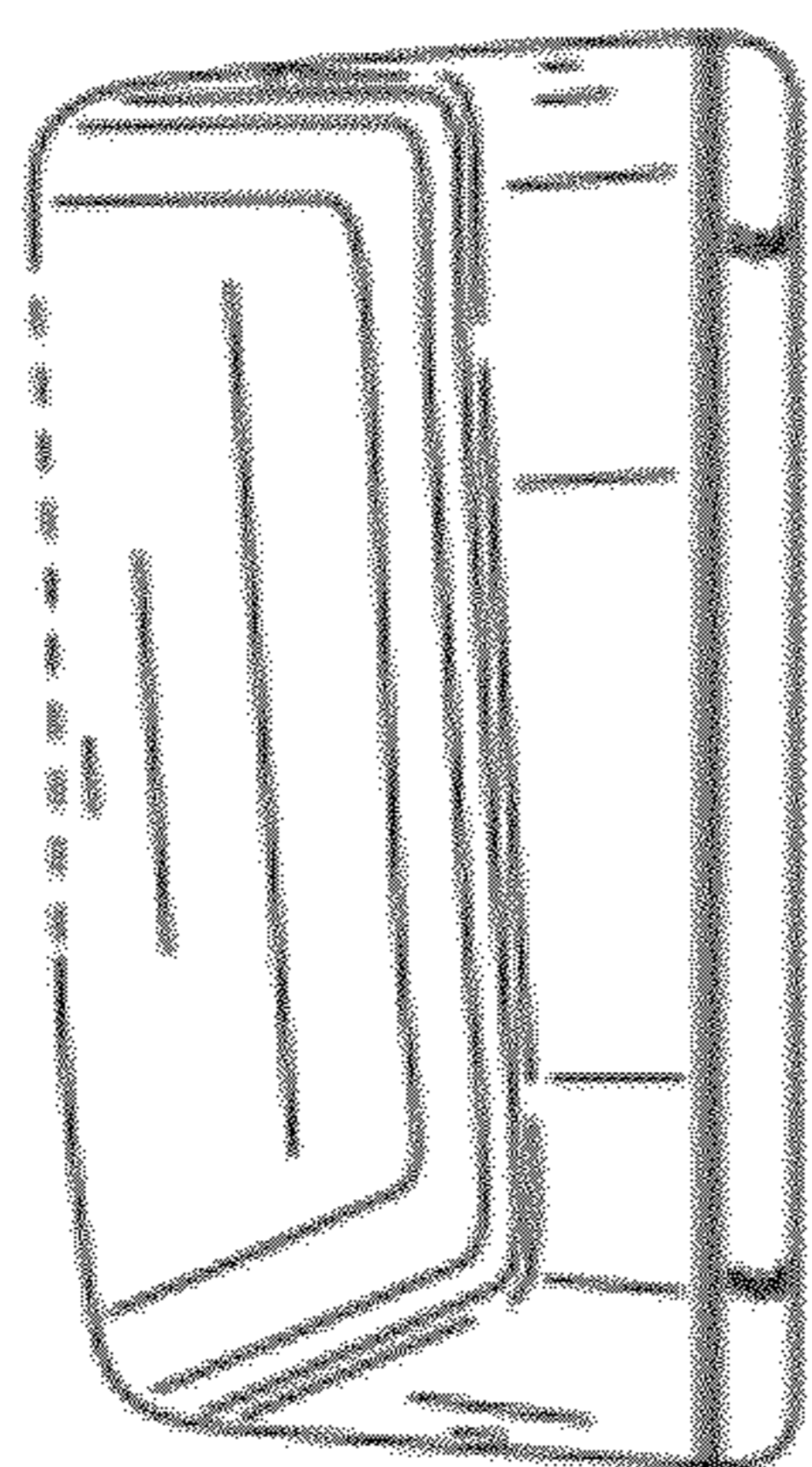


FIG. 5

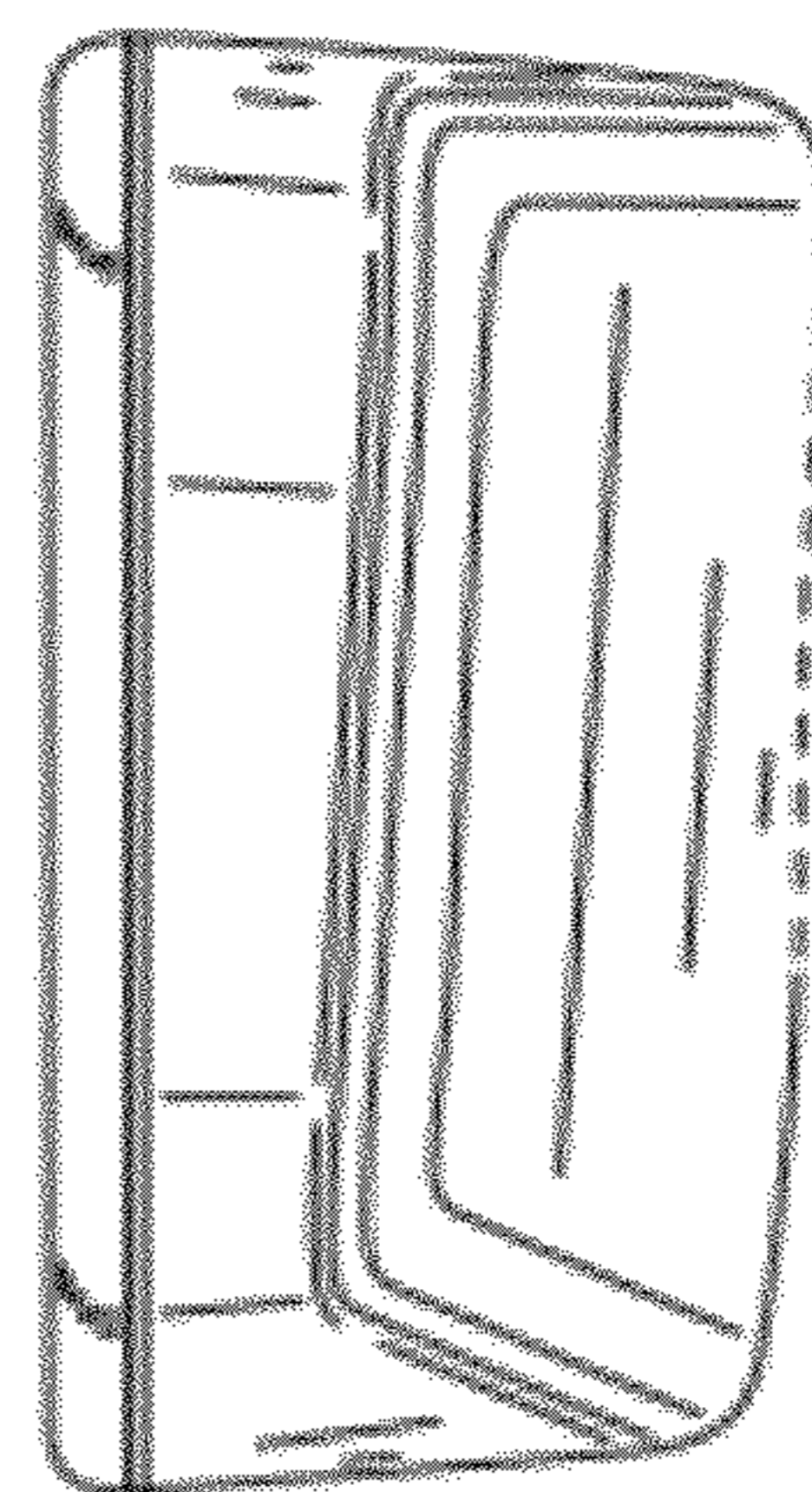


FIG. 6

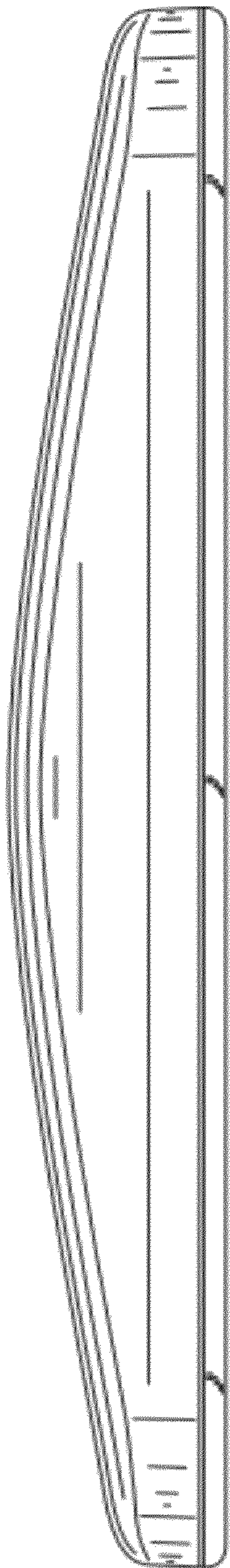


FIG. 7

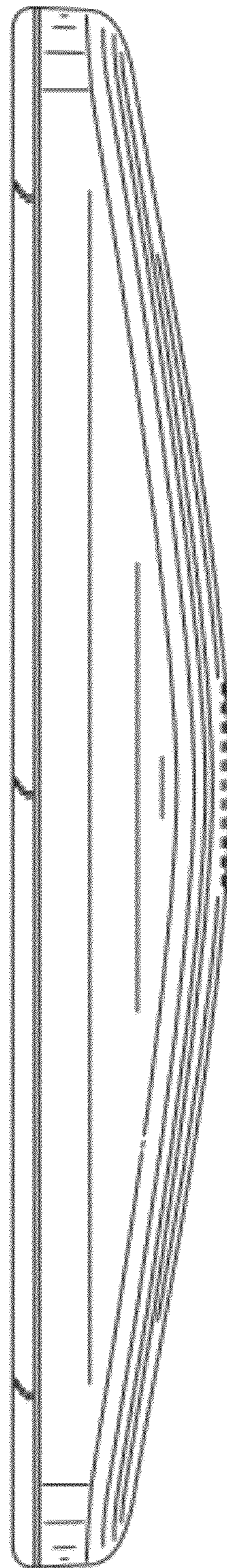


FIG. 8

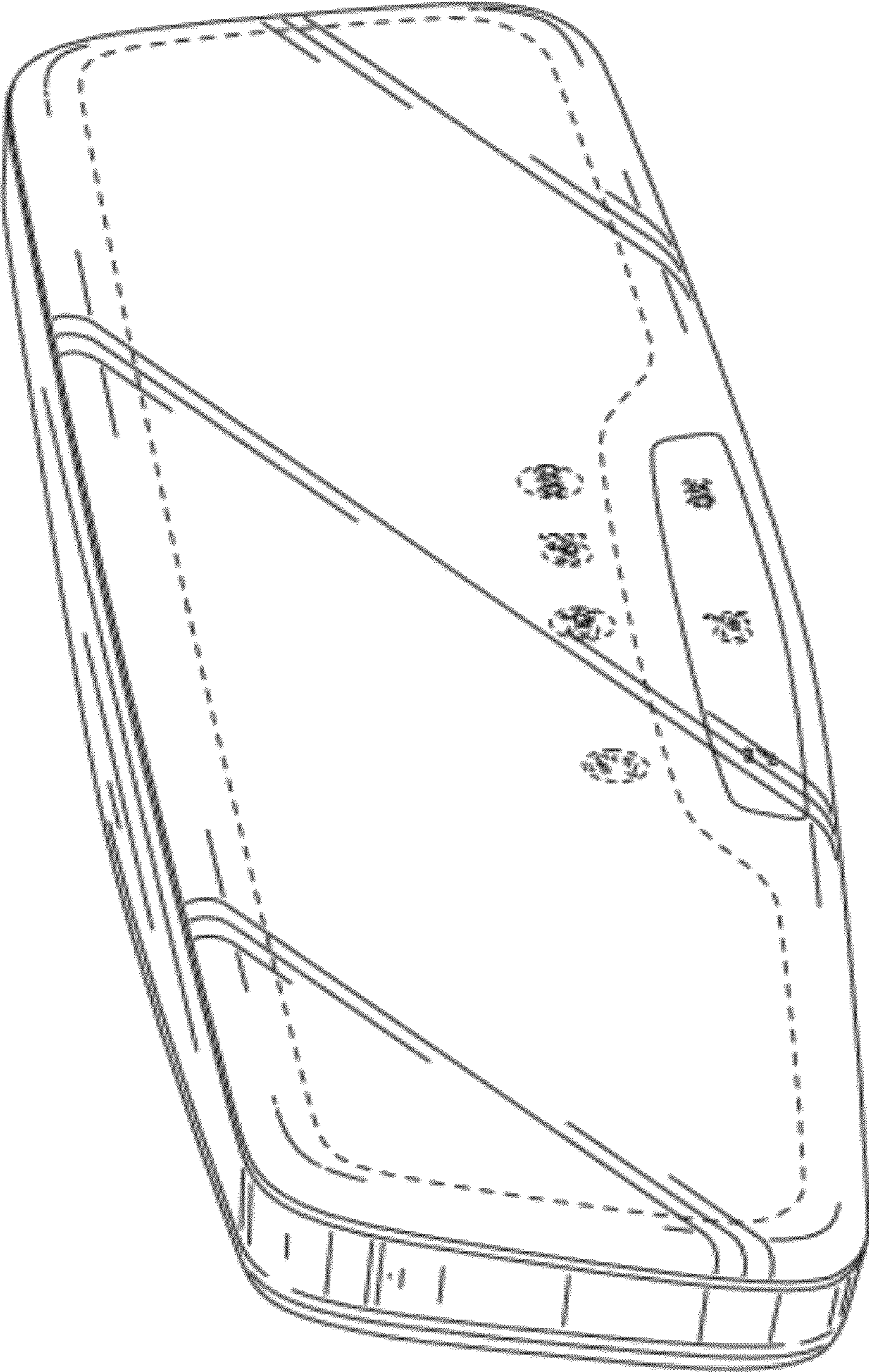


FIG. 9

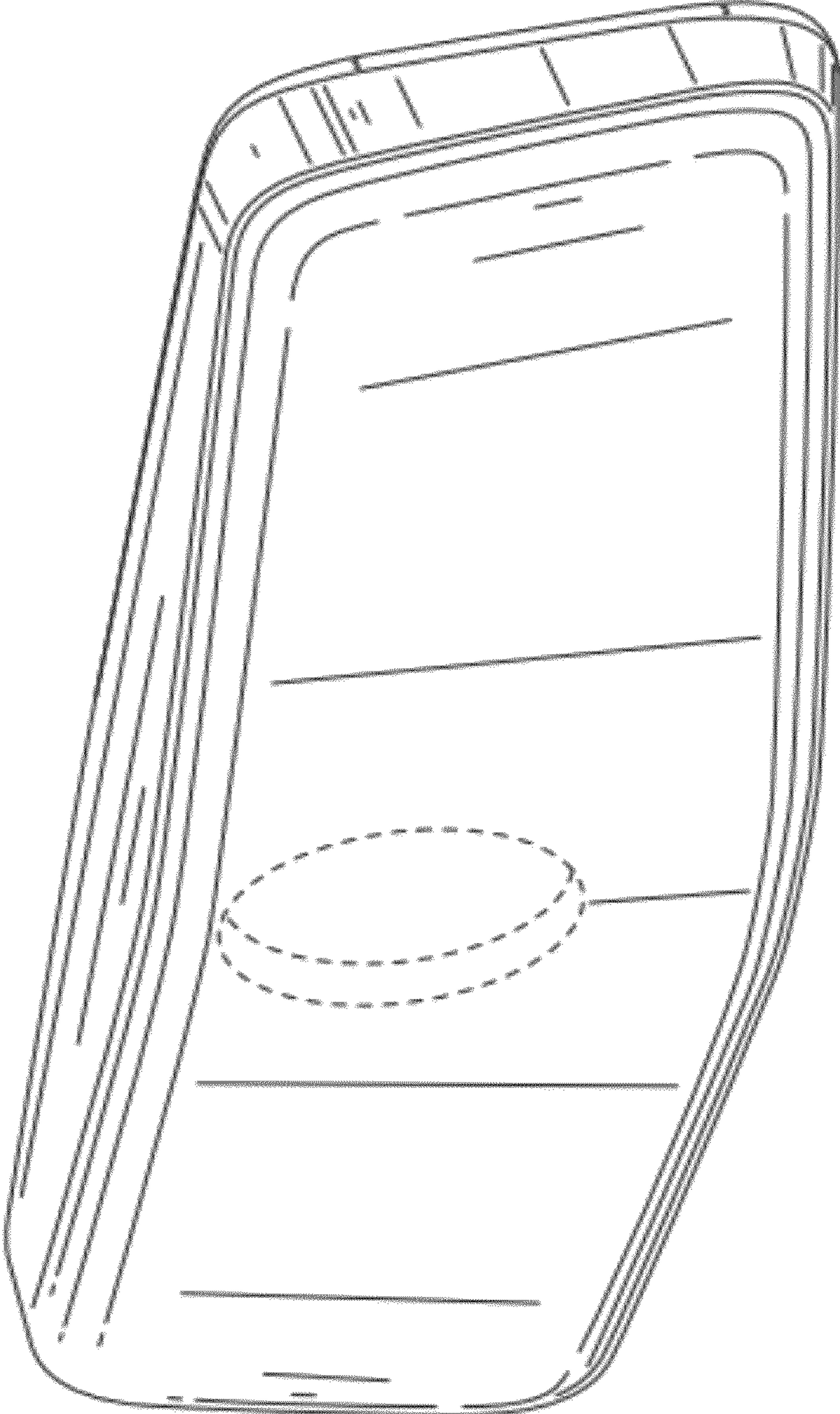


FIG. 10

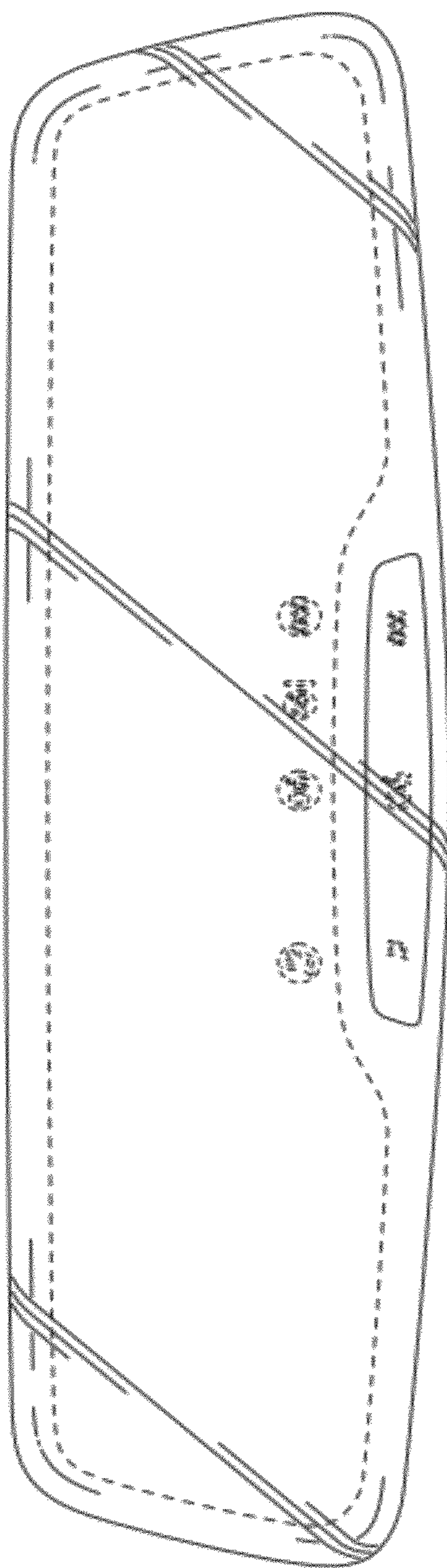


FIG. 11

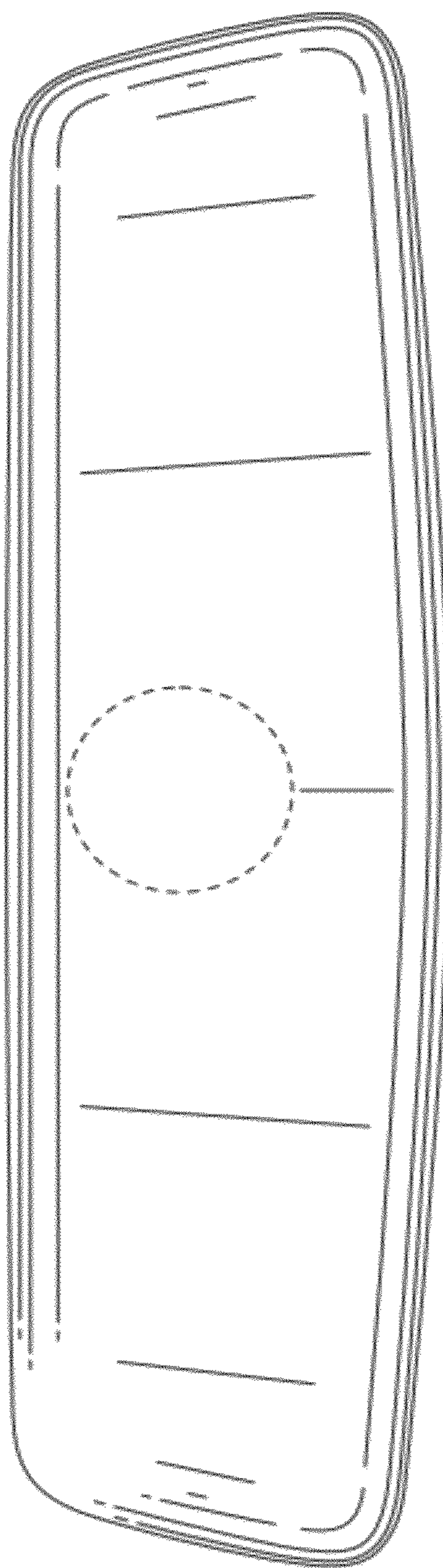


FIG. 12

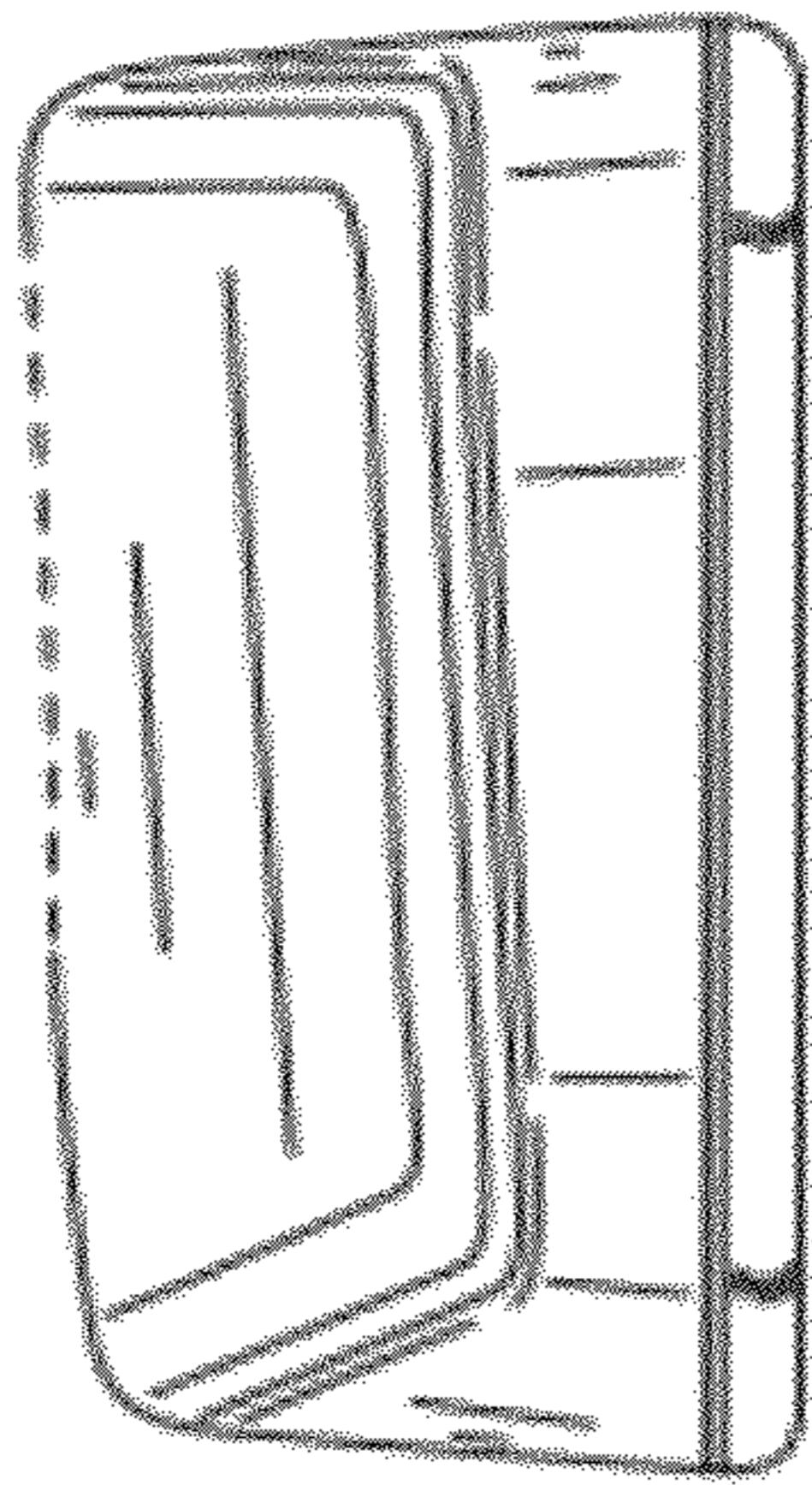


FIG. 13

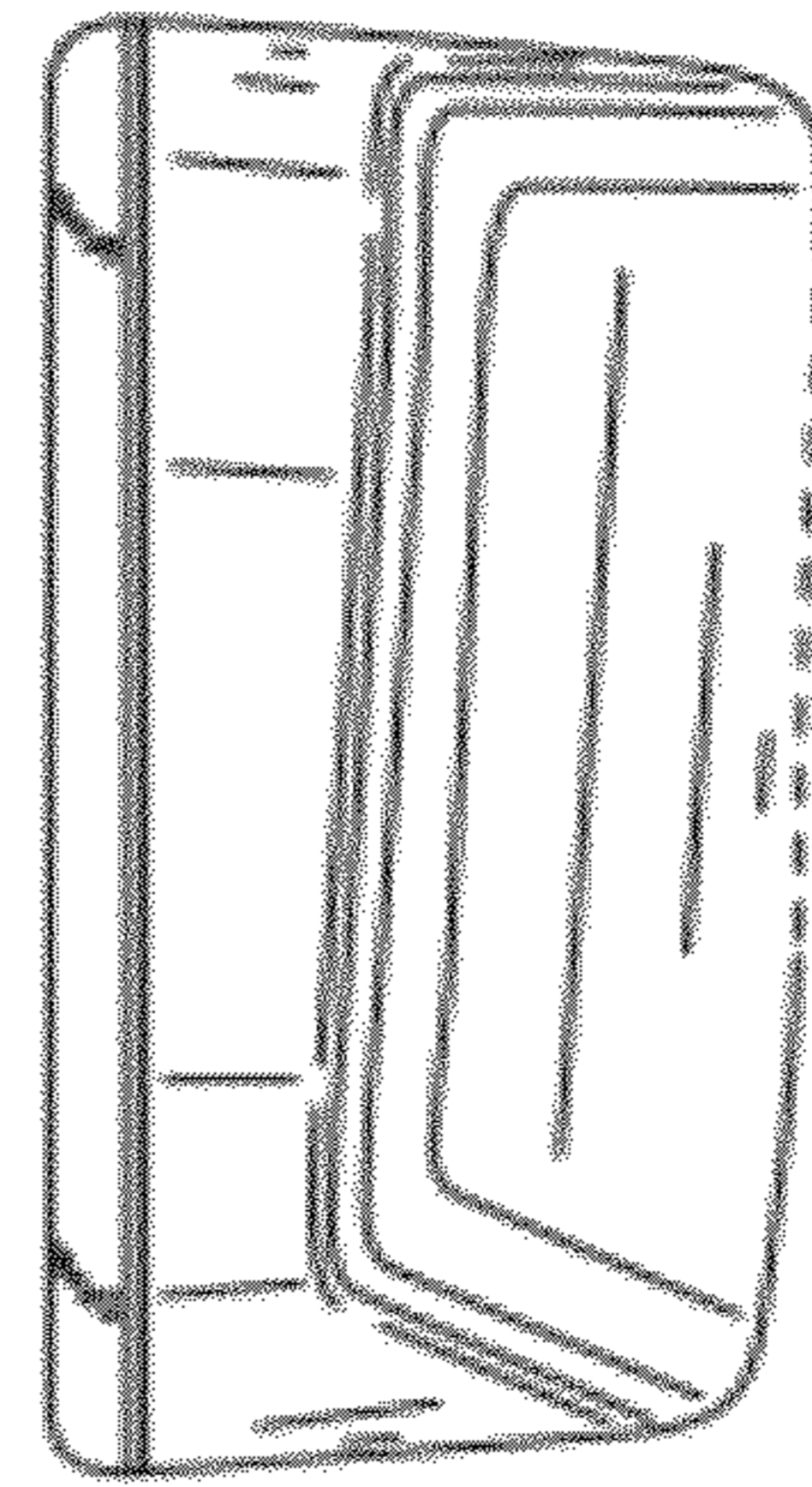


FIG. 14

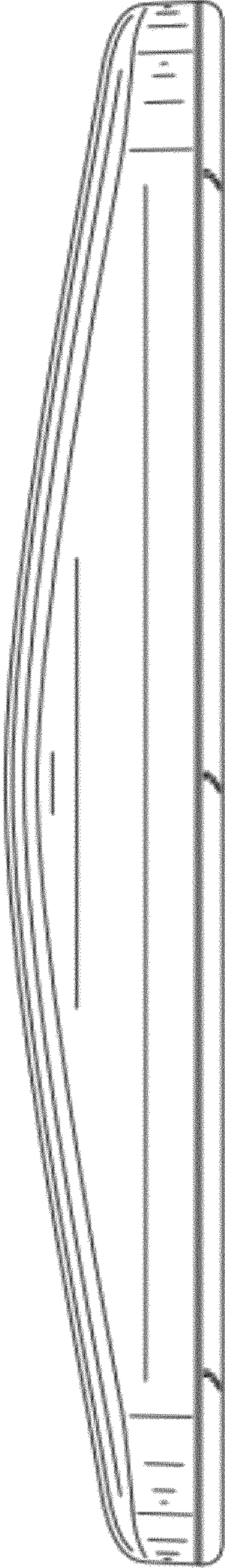


FIG. 15

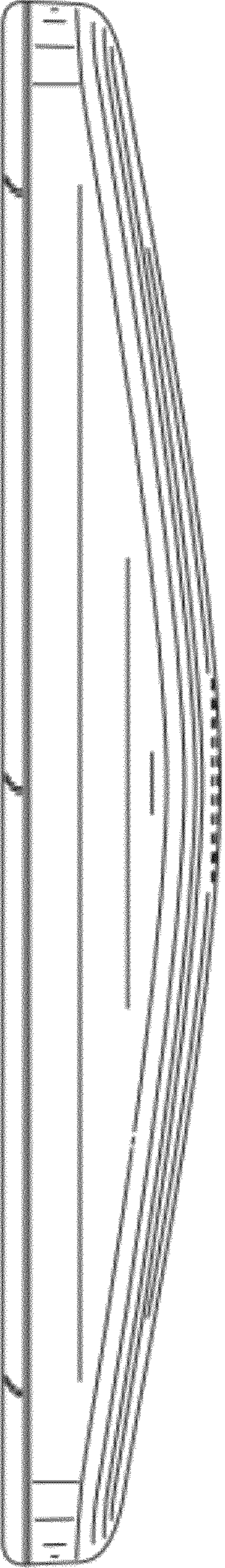


FIG. 16

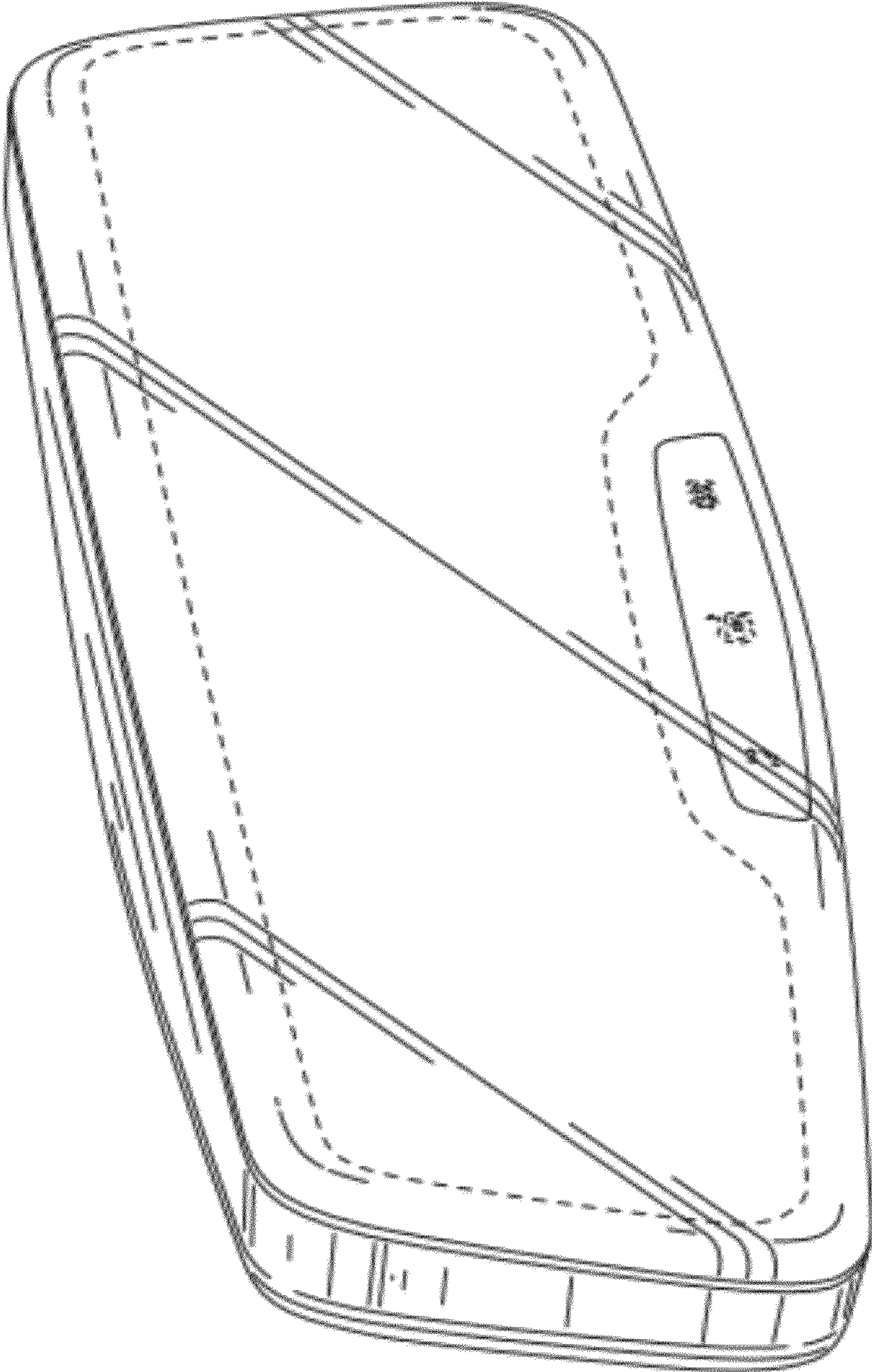


FIG. 17

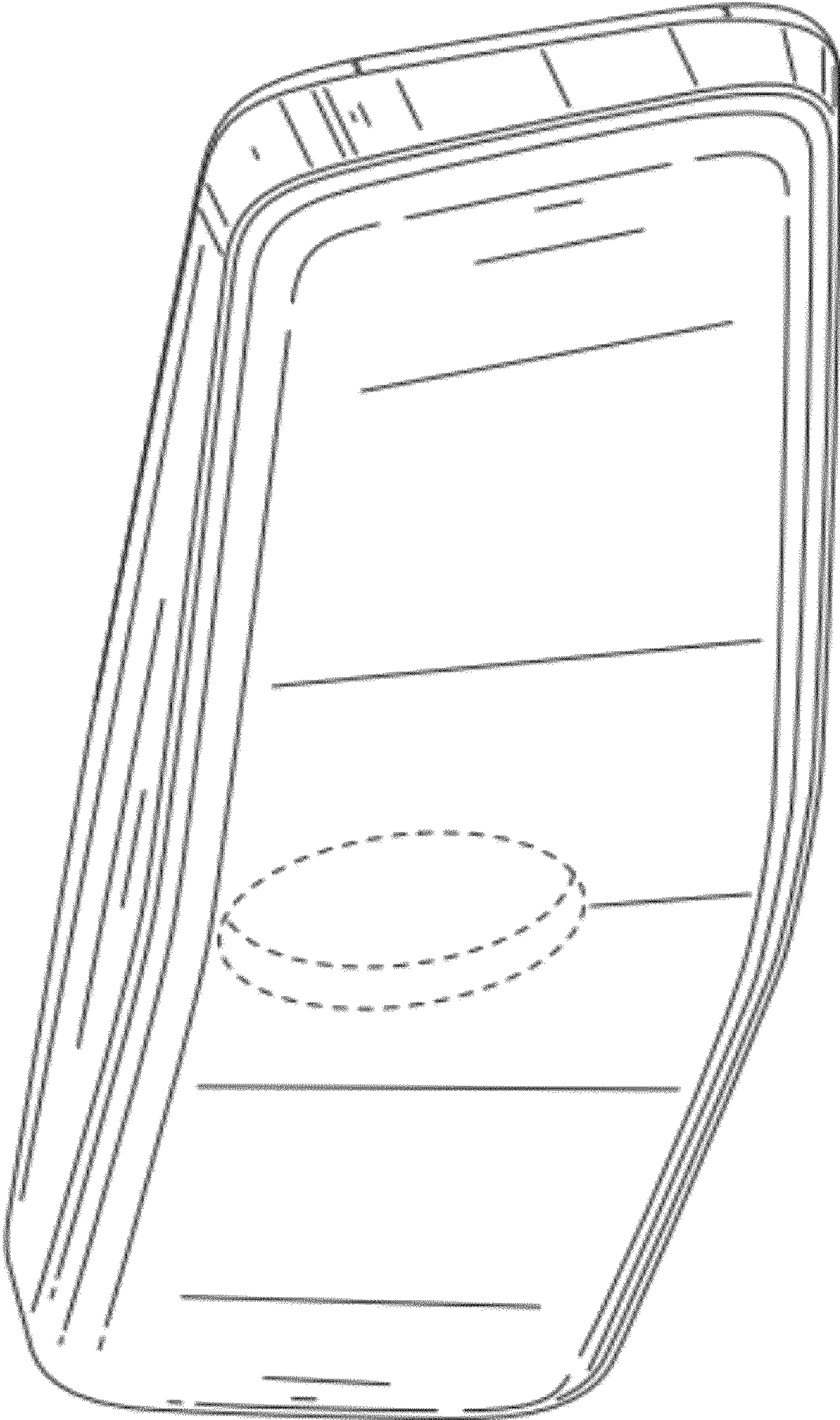


FIG. 18

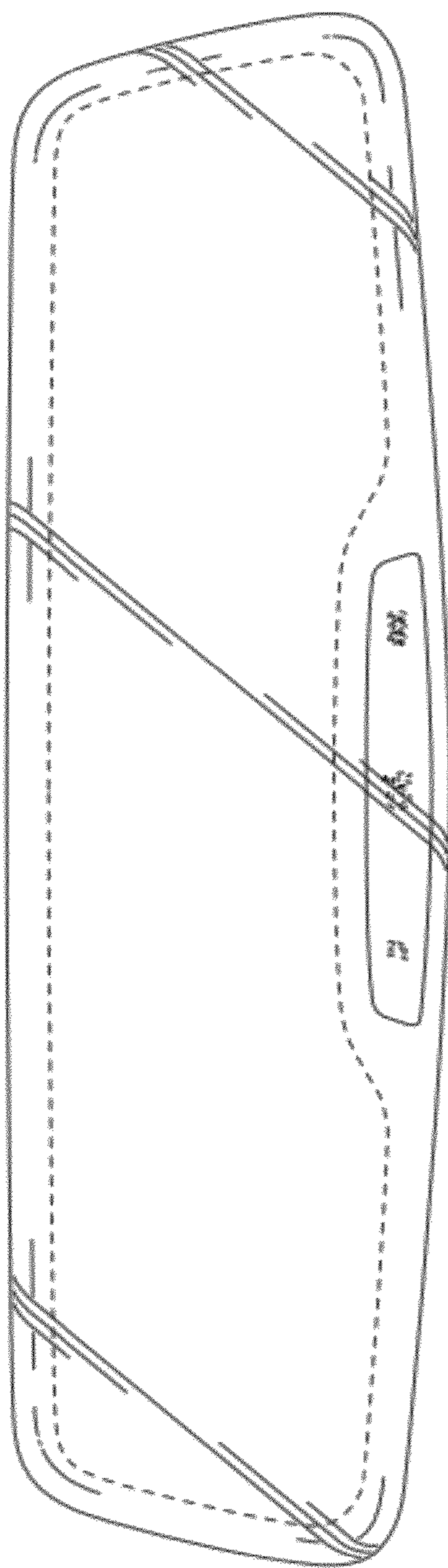


FIG. 19

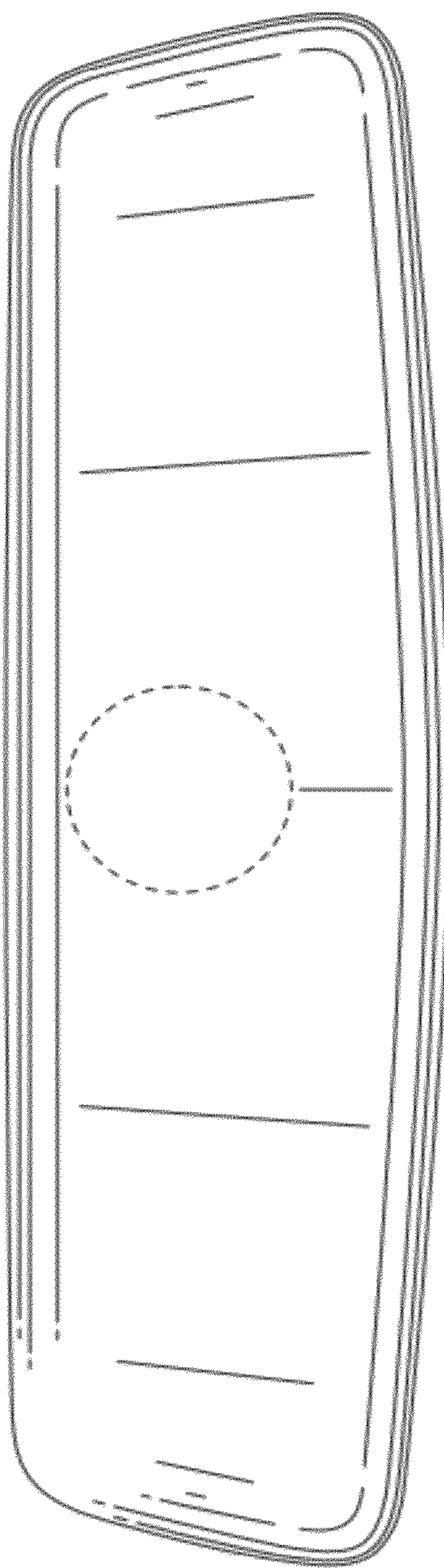


FIG. 20

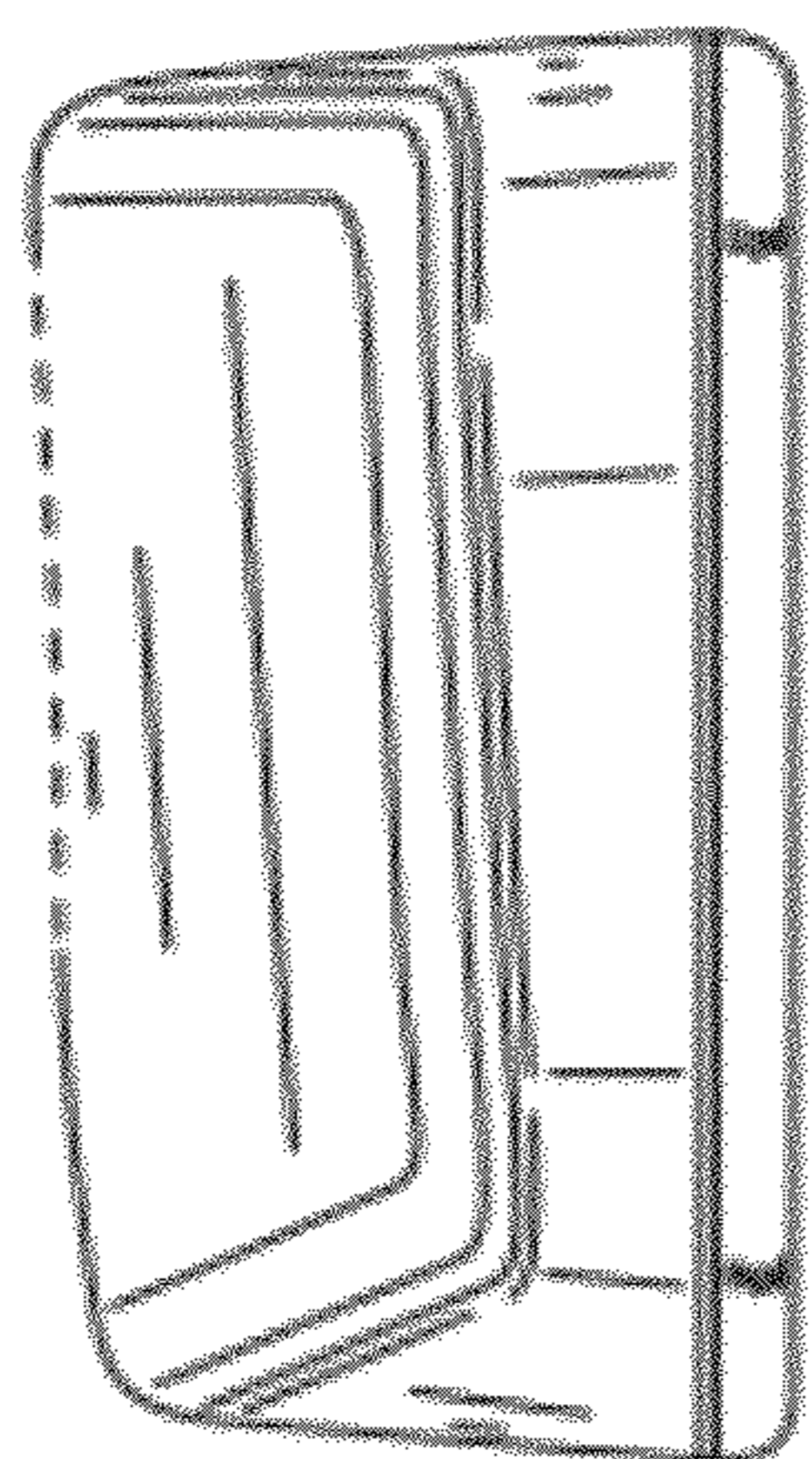


FIG. 21

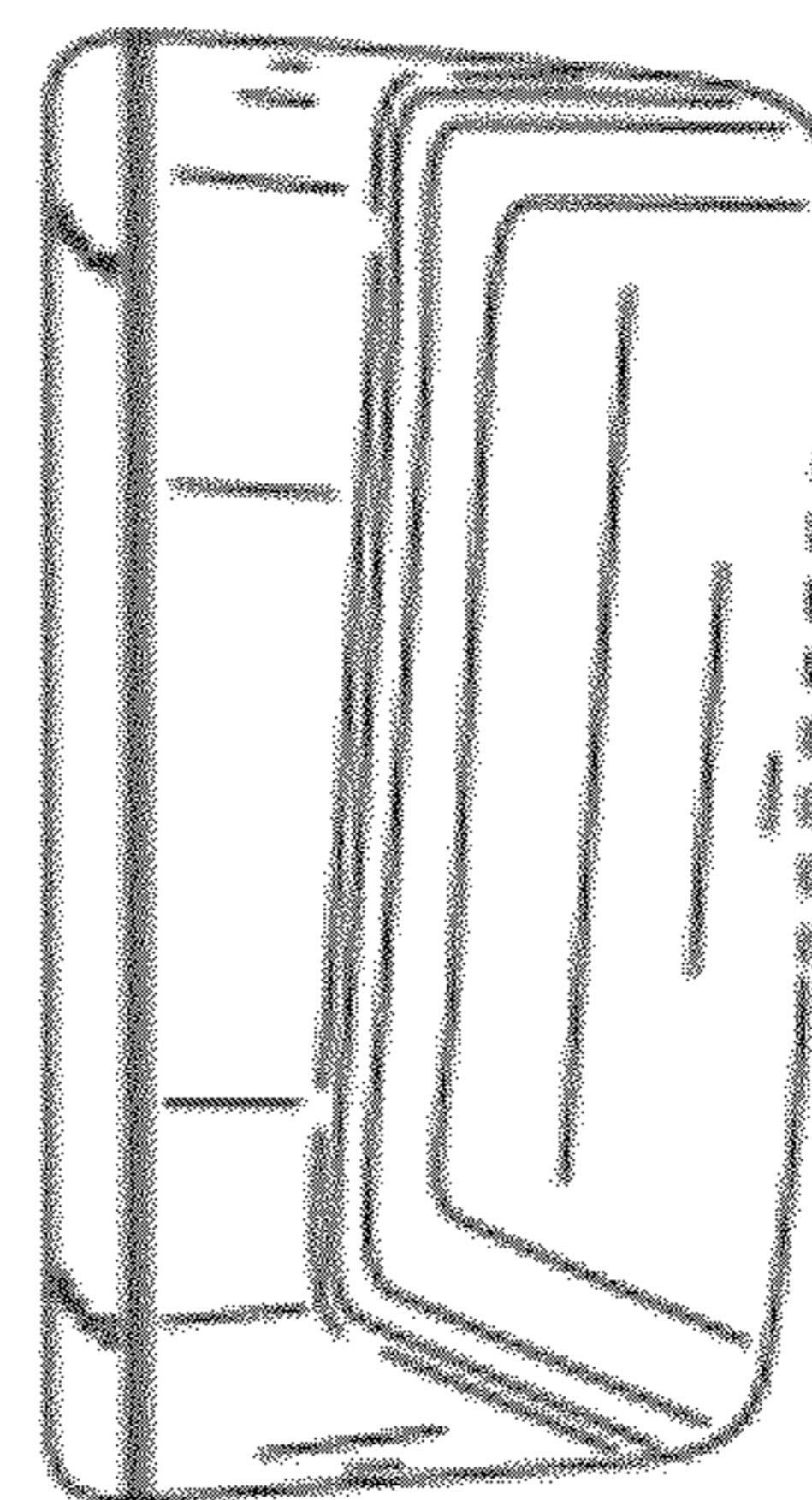


FIG. 22

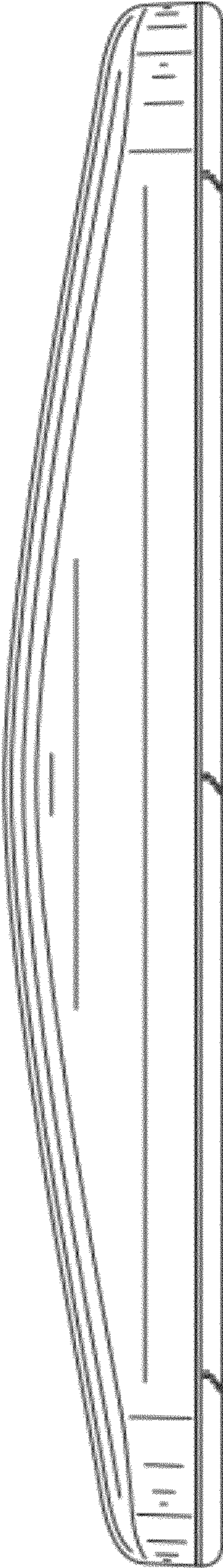


FIG. 23

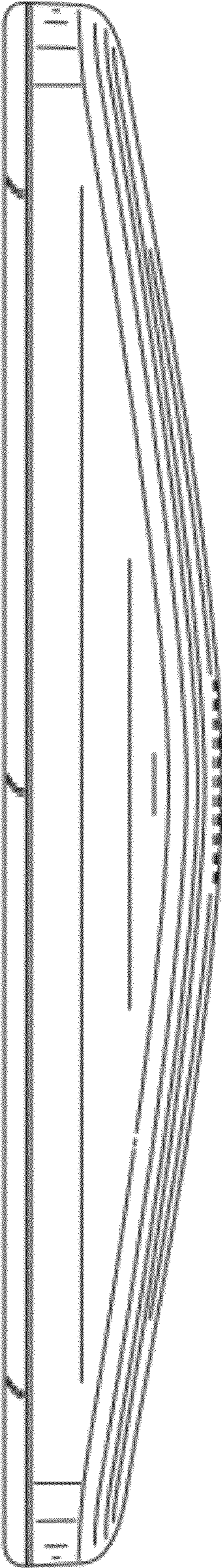


FIG. 24

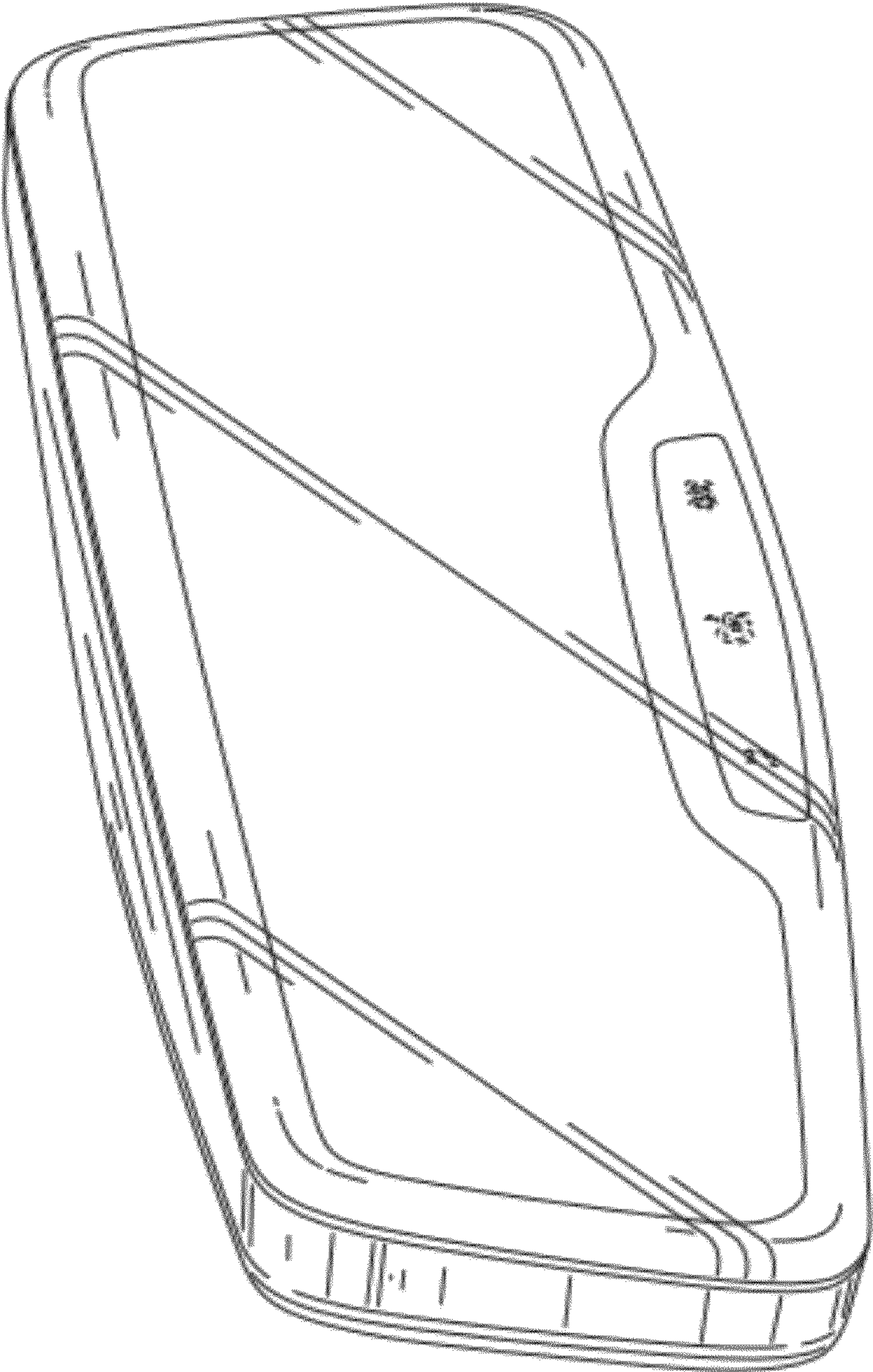


FIG. 25

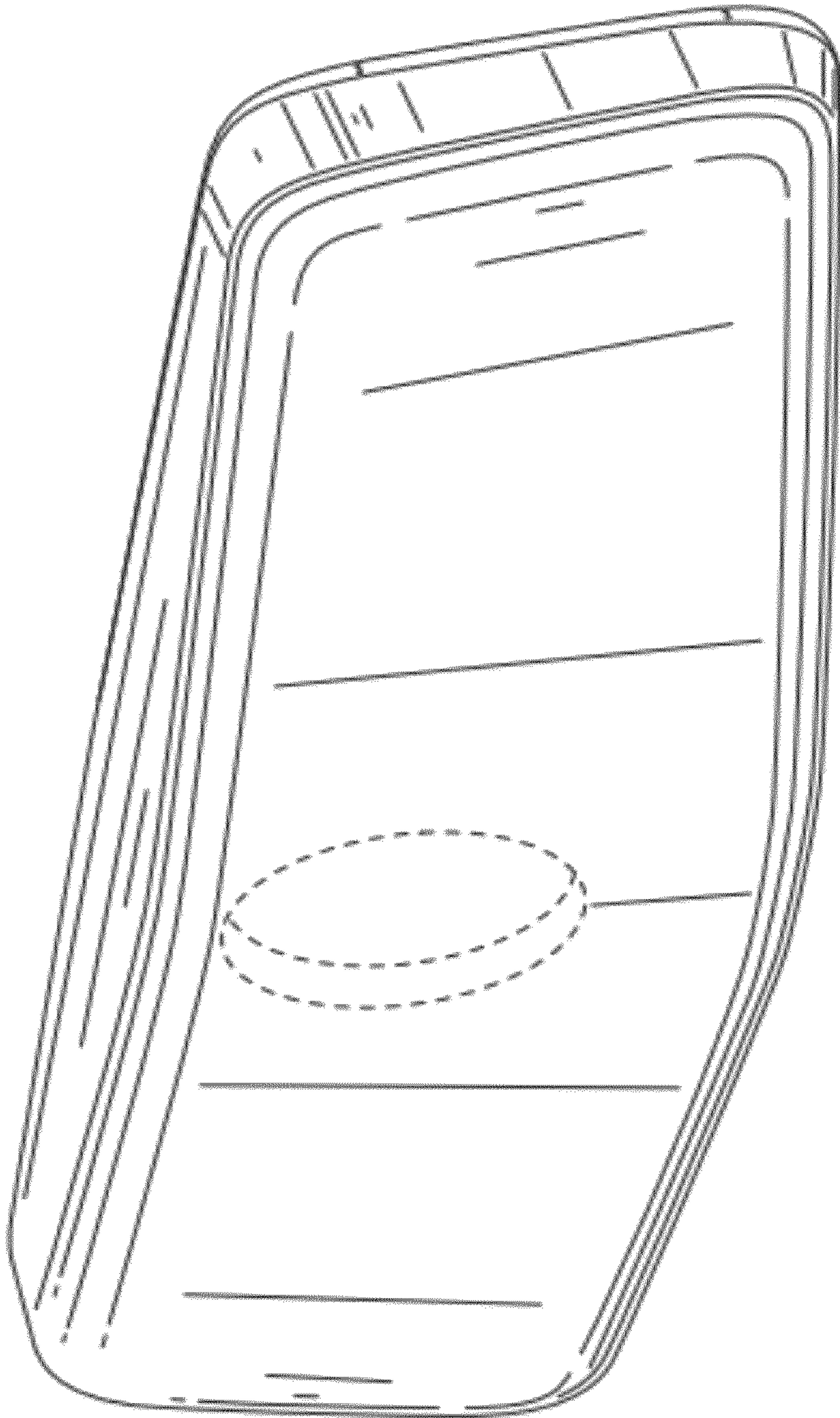


FIG. 26

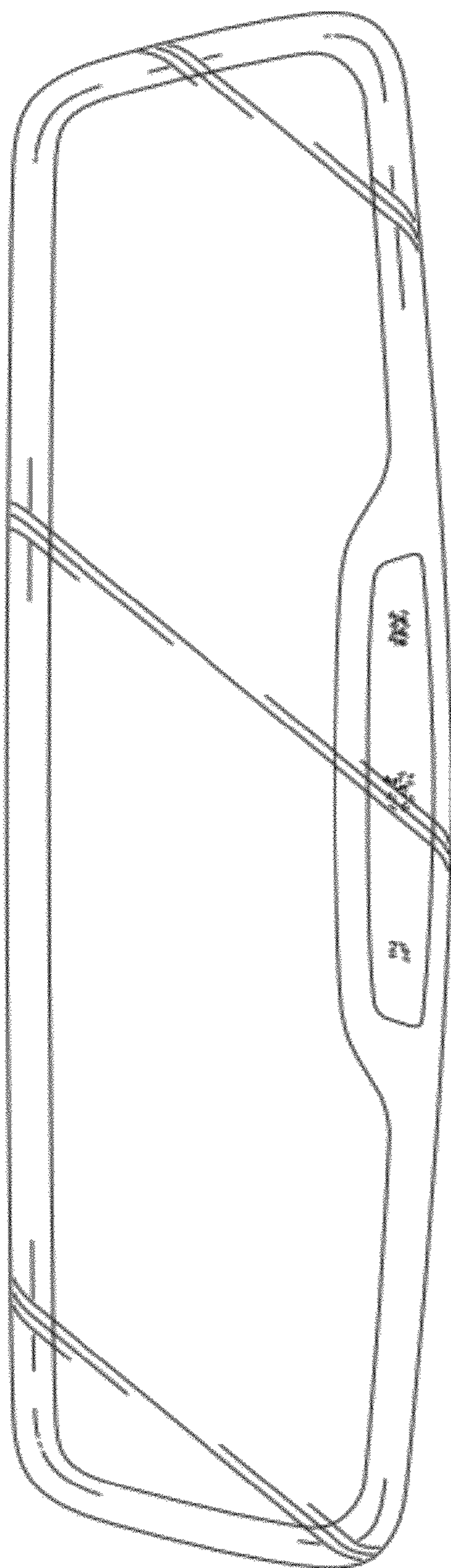


FIG. 27

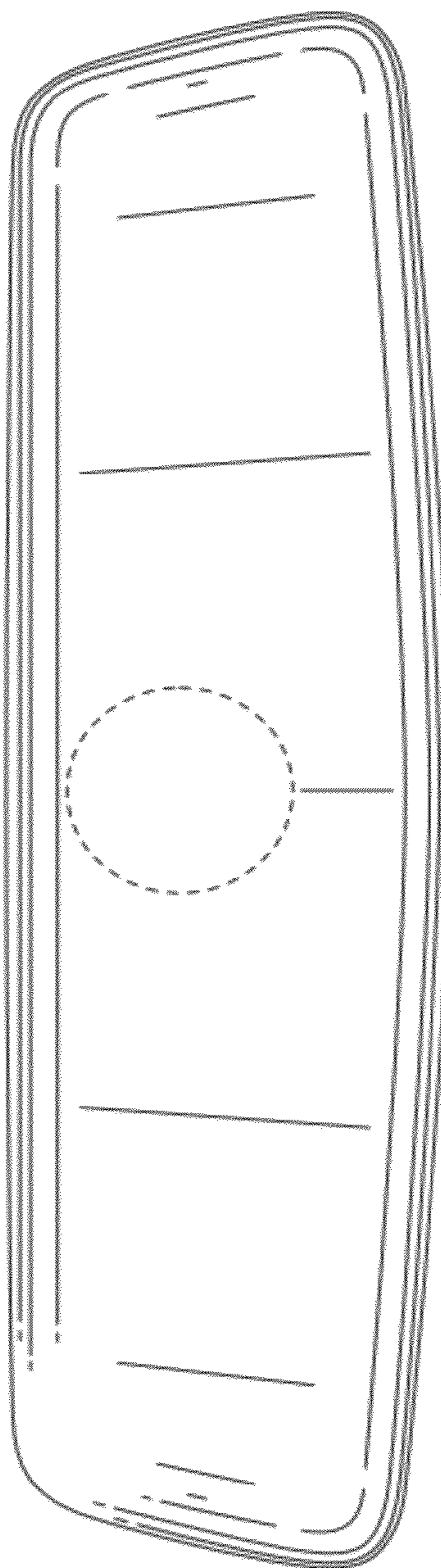


FIG. 28

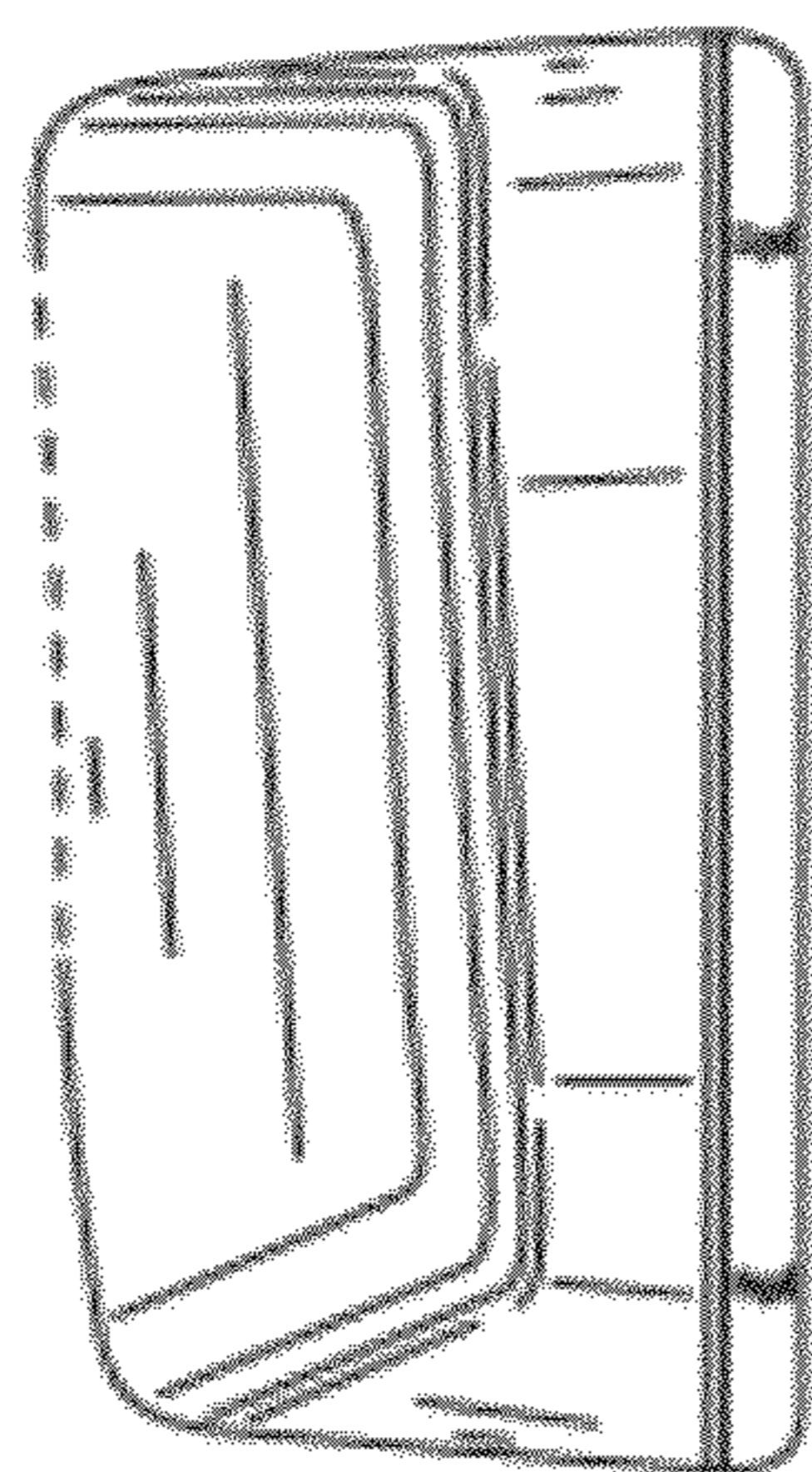


FIG. 29

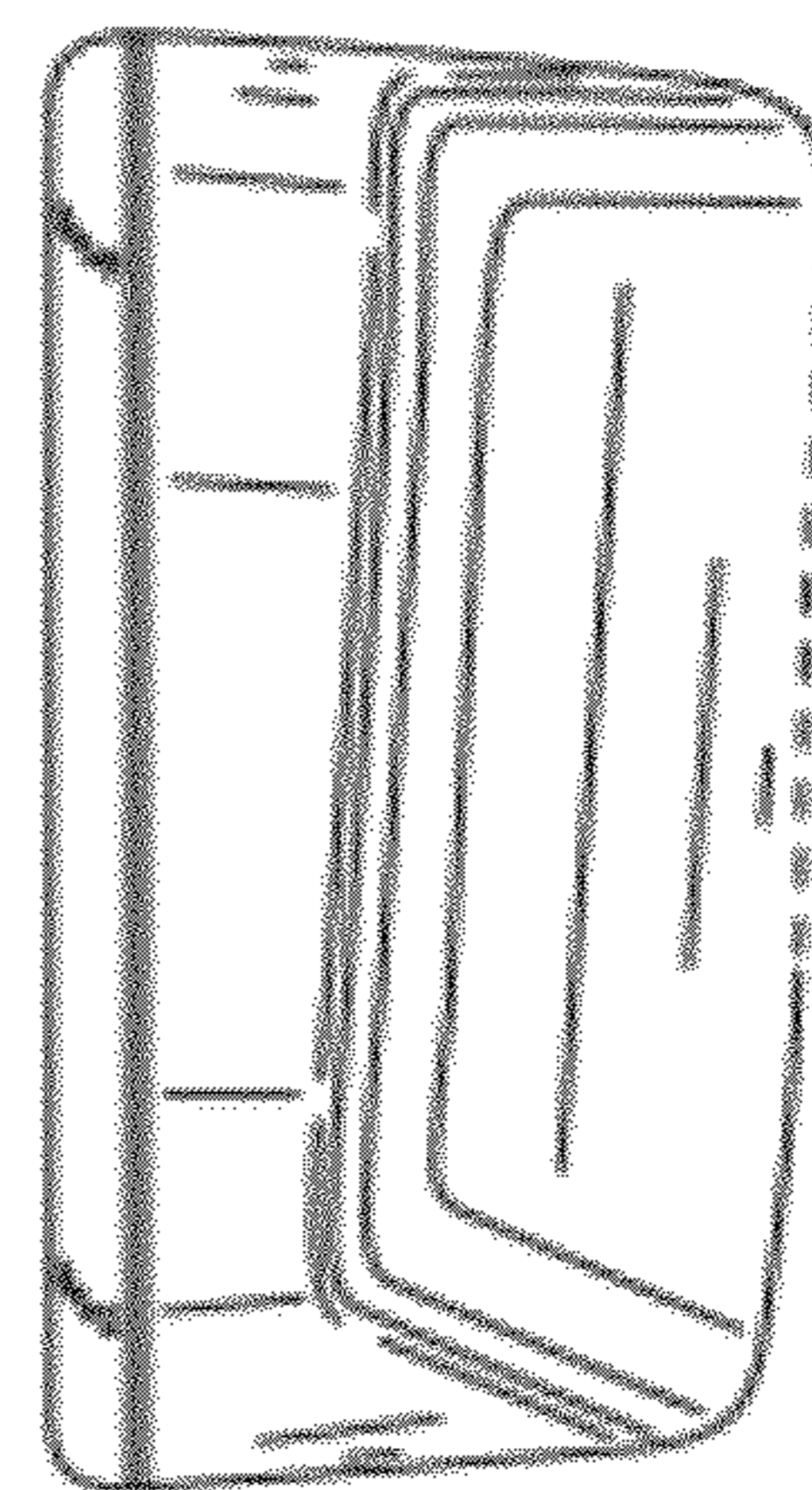


FIG. 30

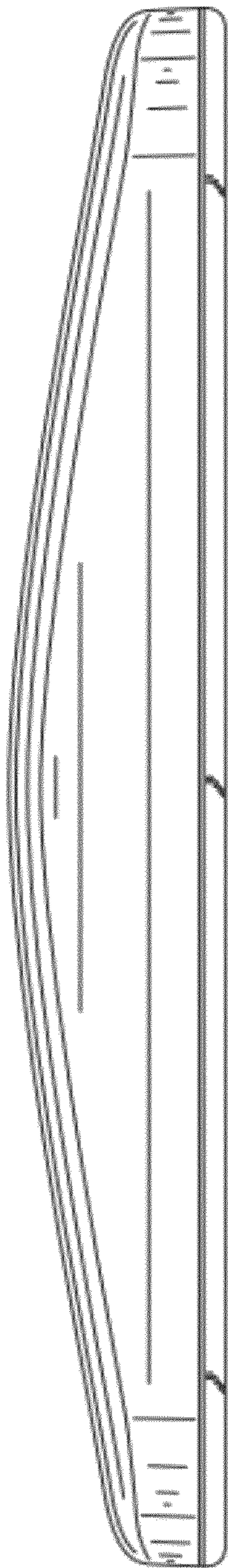


FIG. 31

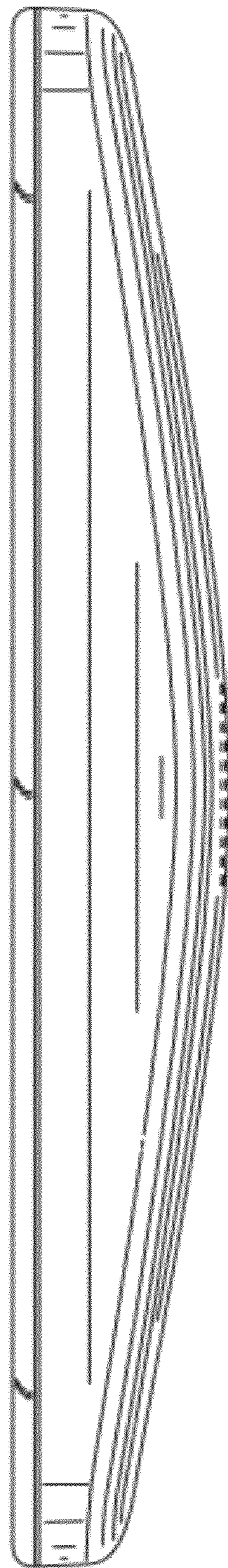


FIG. 32