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

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(54) **DIGITAL VIDEO DISC PLAYER WITH
TUNER AND AMPLIFIER FOR AUTOMOBILE**

(71) Applicant: **PIONEER CORPORATION,**
Kawasaki-shi, Kanagawa (JP)

(72) Inventor: **Tatsufumi Funayama,** Kawasaki (JP)

(73) Assignee: **PIONEER CORPORATION,**
Kawasaki-shi, Kanagawa (JP)

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (10) Cl.** **14-03**

(52) **U.S. Cl.**
USPC **D14/203.7**

(58) **Field of Classification Search**

USPC D14/496, 401, 435, 474, 483, 217, 137,
D14/138, 160, 168, 356, 203.1–203.8, 507;
345/156, 169, 173–179, 905;
715/727–729, 864; 710/1, 5, 8; 713/1,
713/600; 455/1.1, 1.7, 73, 344–347, 93, 95,
455/3.01–3.06, 550.1, 573.1; 370/342–344;
369/1, 2, 6–12; 463/43–47; 273/148 B

CPC G11B 5/00
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,689,077 A * 11/1997 Jasinski 84/477 R
6,665,173 B2 * 12/2003 Brandenberg et al. ... 361/679.09
7,184,802 B2 * 2/2007 Chadha 455/575.1
D547,284 S * 7/2007 Hsiung D14/129

D565,559 S * 4/2008 Aihara D14/258
D571,248 S * 6/2008 Gruosi D10/125
D638,395 S * 5/2011 Finnegan D14/203.7
D659,113 S * 5/2012 Rayn D14/203.7
D665,380 S * 8/2012 Iwamoto D14/198
8,571,248 B2 * 10/2013 Li et al. 381/345
D698,671 S * 2/2014 Takahara et al. D10/65
D713,400 S * 9/2014 Kanou D14/258
D724,048 S * 3/2015 Tomono D14/157

FOREIGN PATENT DOCUMENTS

JP S 1367441 8/2009
JP S 1367443 8/2009
JP S 1389481 6/2010
JP S 1389482 6/2010
JP S 1427714 11/2011
JP S 1437364 4/2012

(Continued)

Primary Examiner — Prabhakar Deshmukh

(74) *Attorney, Agent, or Firm* — Drinker Biddle & Reath
LLP

(57) **CLAIM**

The ornamental design for digital video disc player with tuner and amplifier for automobile, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of front, top and right side of digital video disc player with tuner and amplifier for automobile showing my new design;

FIG. 2 is a front view thereof;

FIG. 3 is a rear view thereof;

FIG. 4 is a left side view thereof;

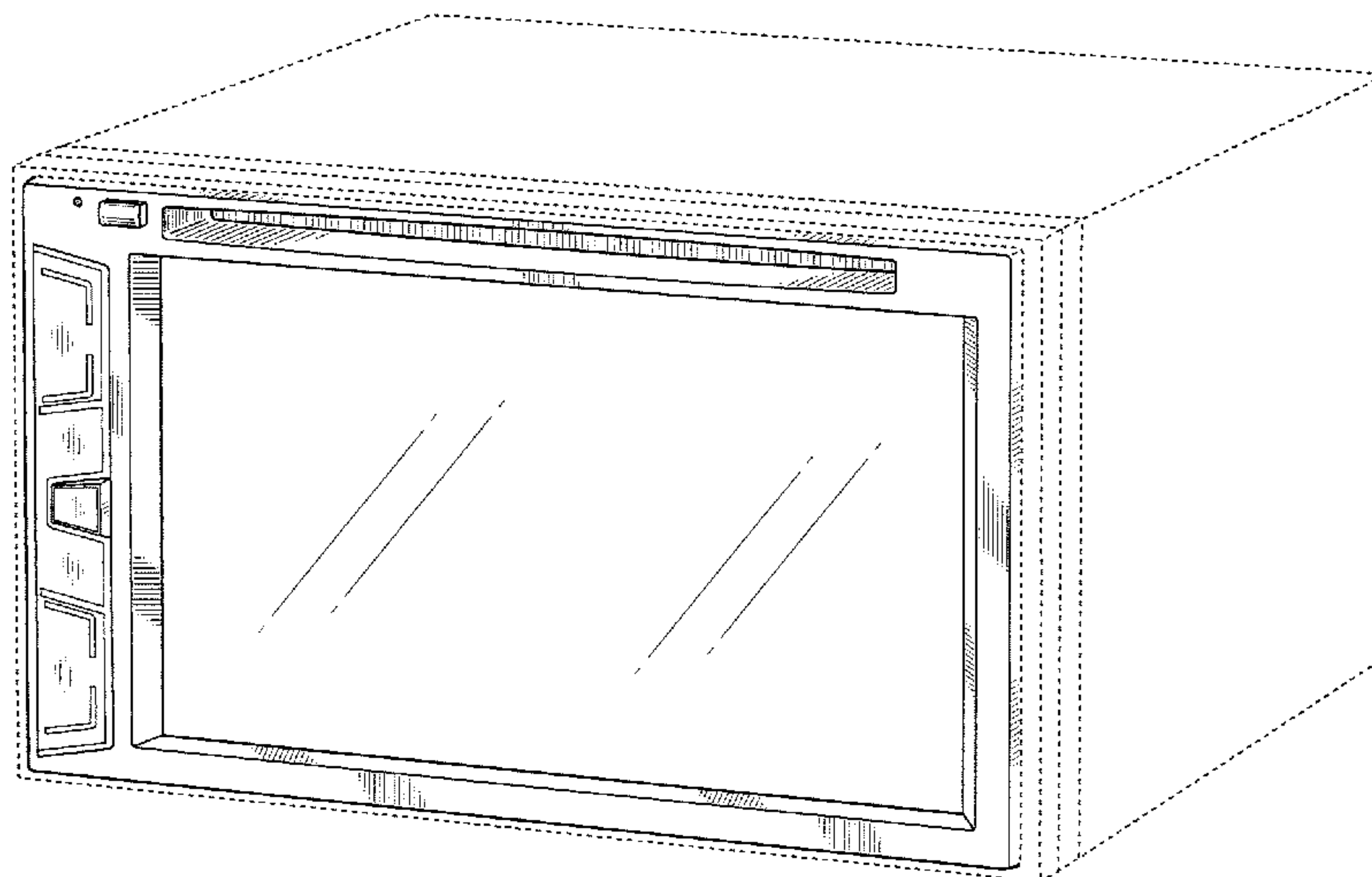
FIG. 5 is a right side view thereof;

FIG. 6 is a top view thereof; and,

FIG. 7 is a bottom view thereof.

The portions of the article in broken lines form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56)	References Cited			JP	S 1445237	7/2012
				JP	S 1463061	2/2013
	FOREIGN PATENT DOCUMENTS			JP	S 1499500	6/2014
JP	S 1437365	4/2012				
JP	S 1437595	4/2012				
				* cited by examiner		

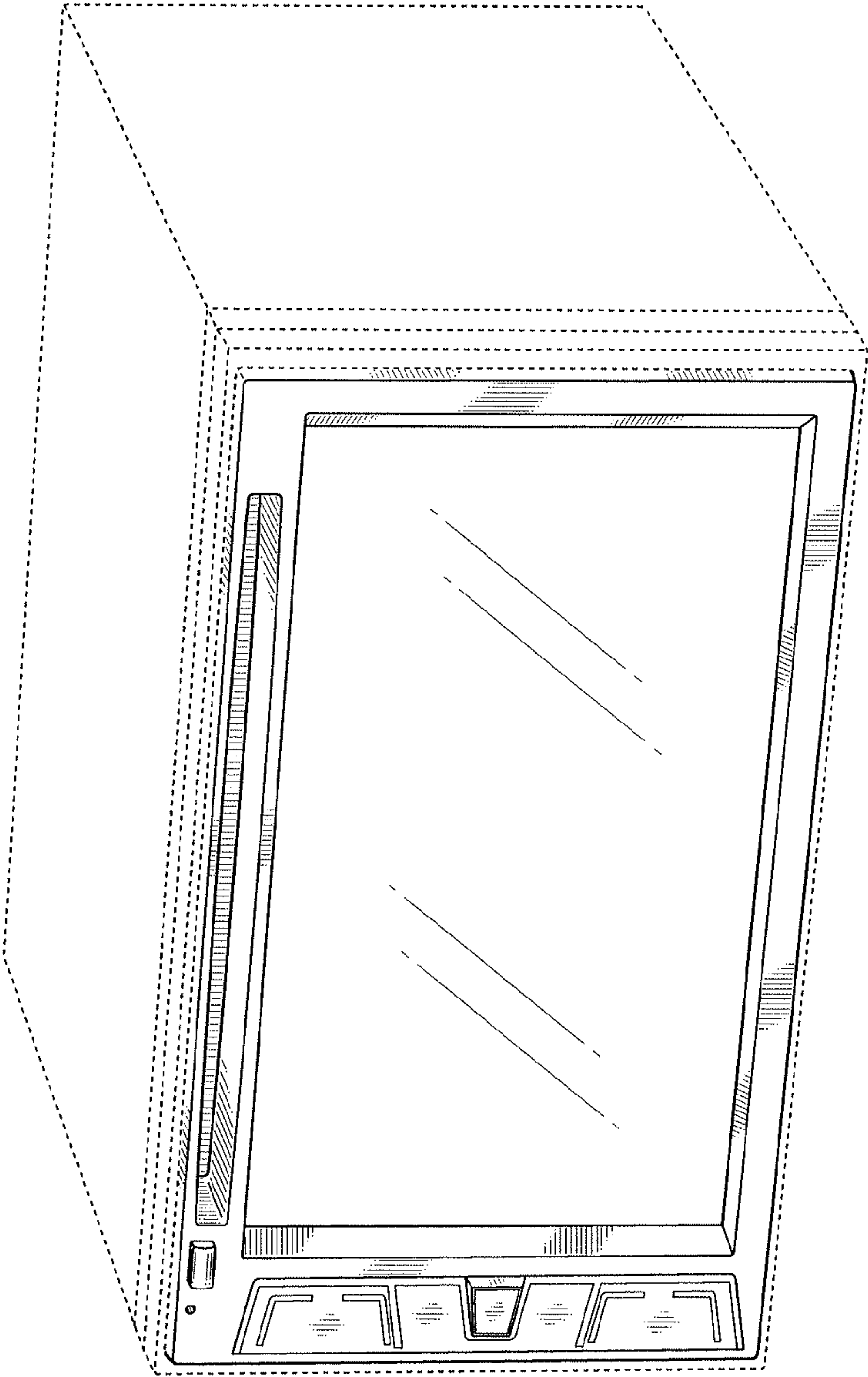


FIG. 1

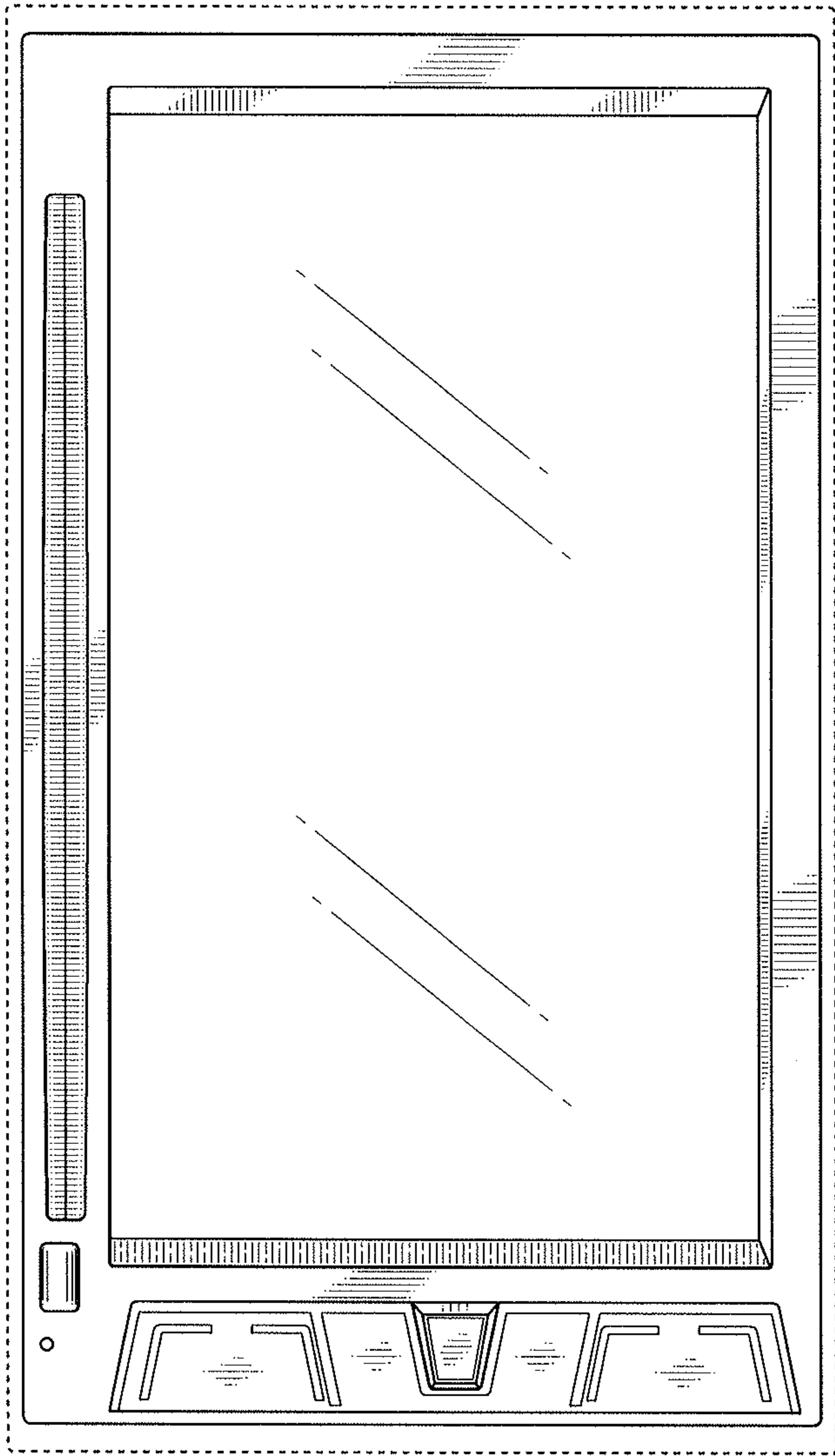


FIG. 2

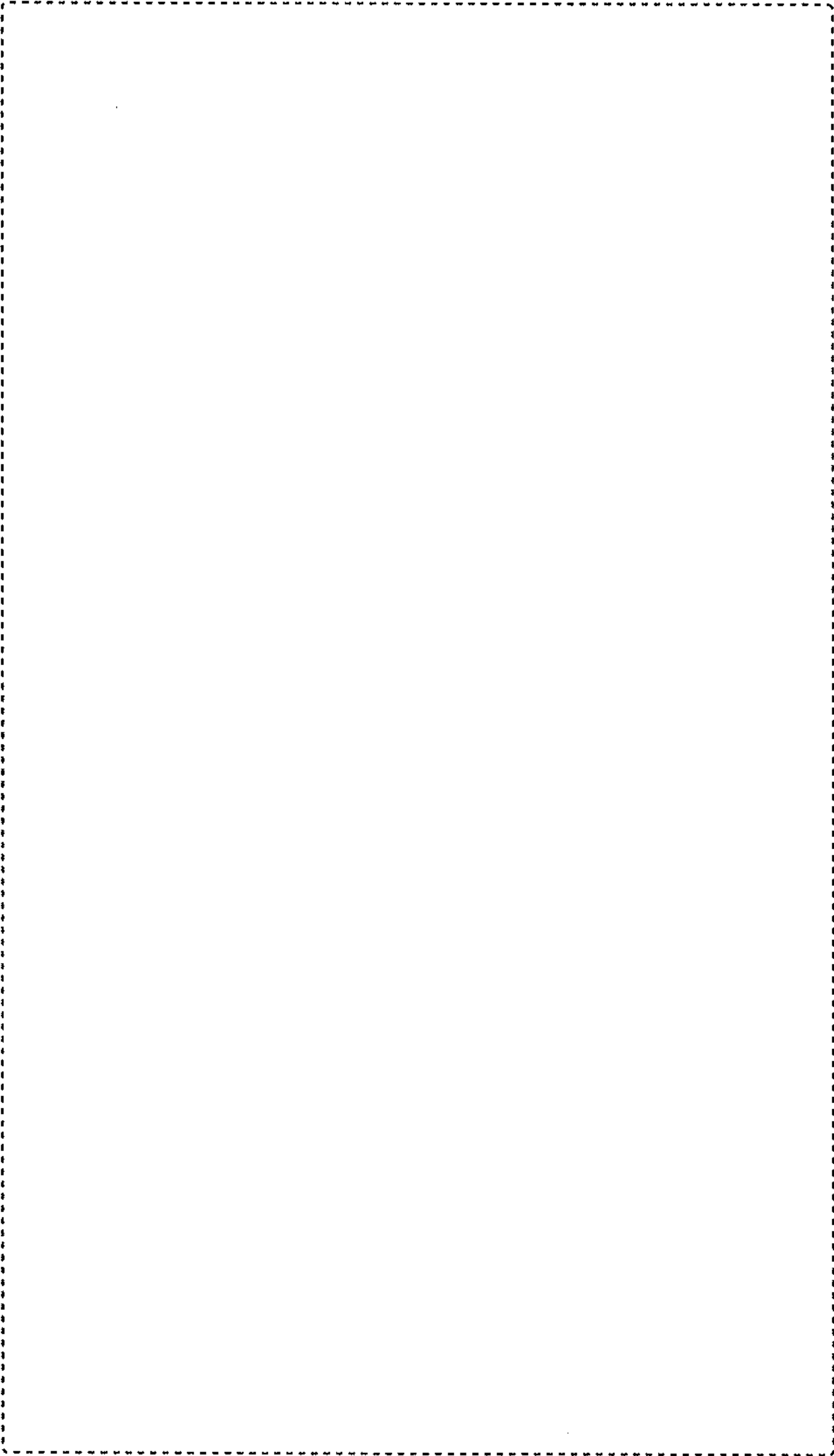


FIG. 3

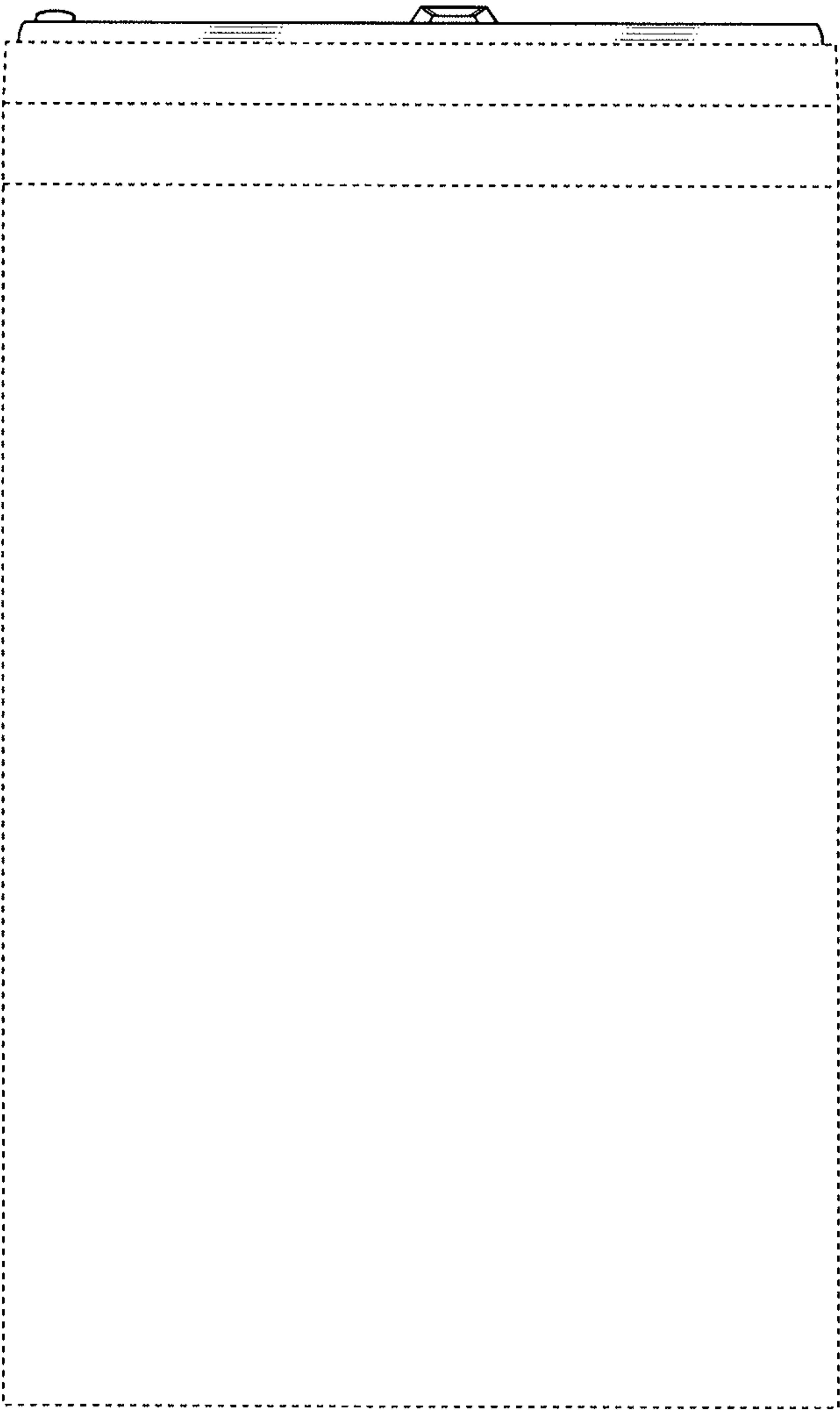


FIG. 4

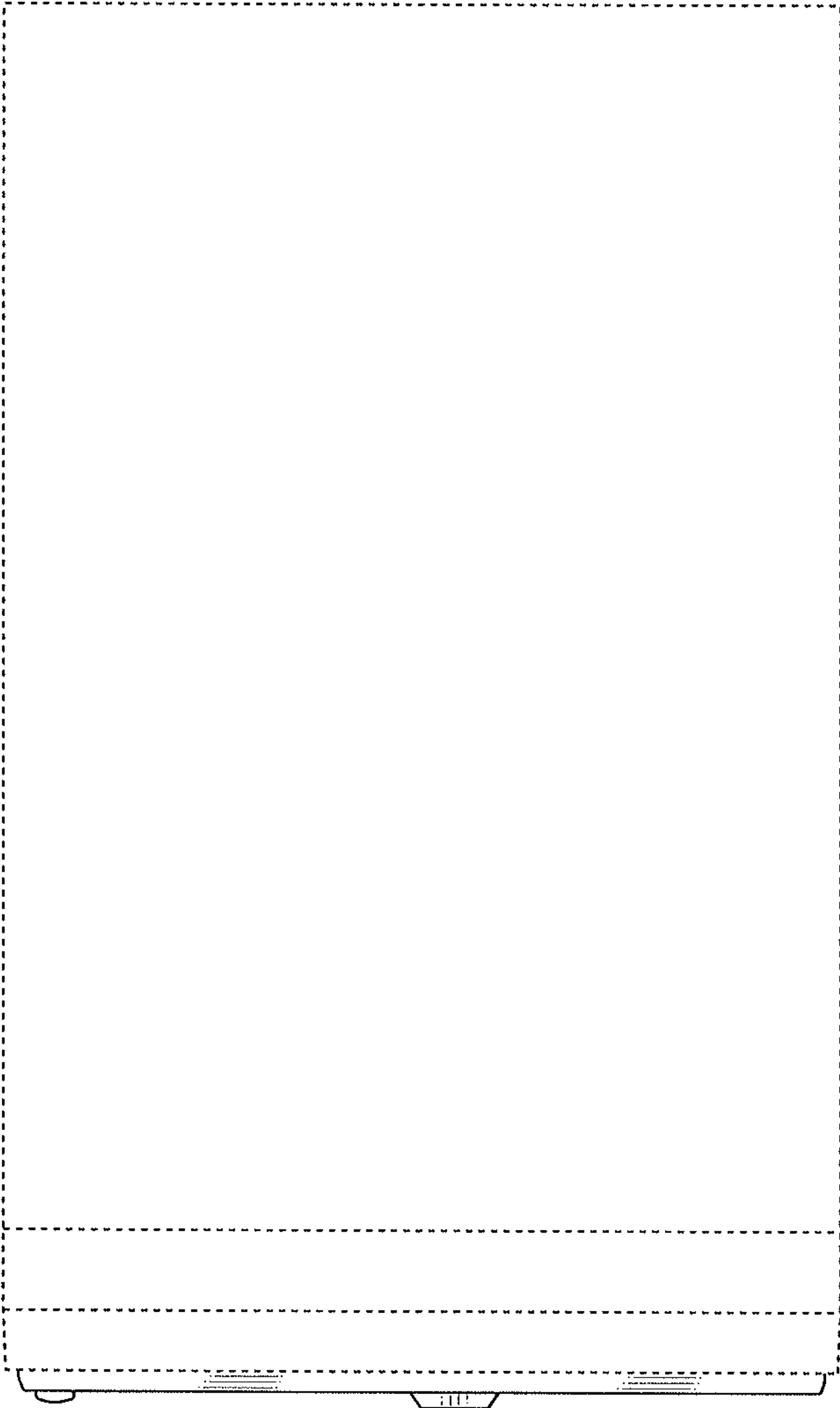


FIG. 5

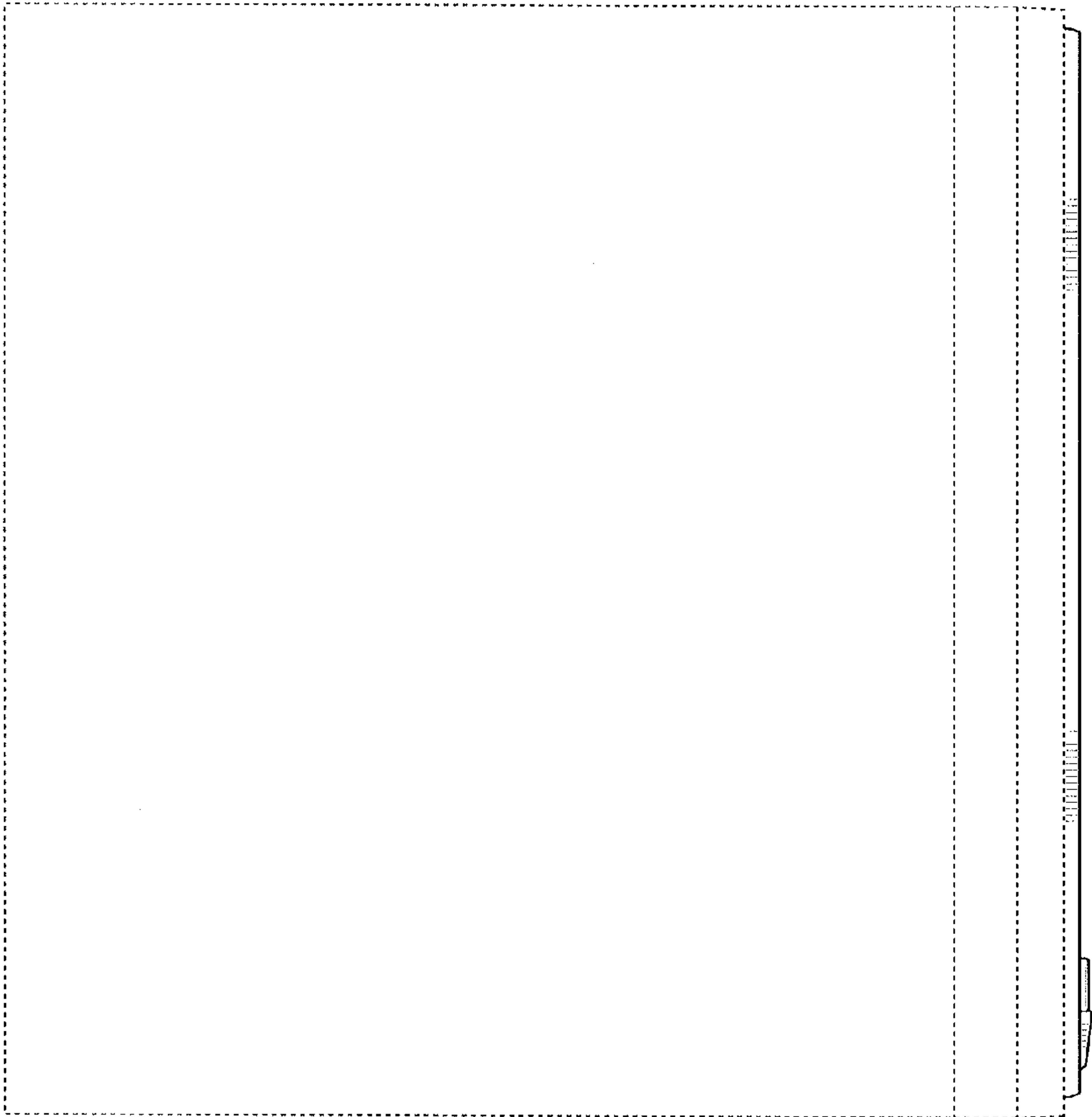


FIG. 6

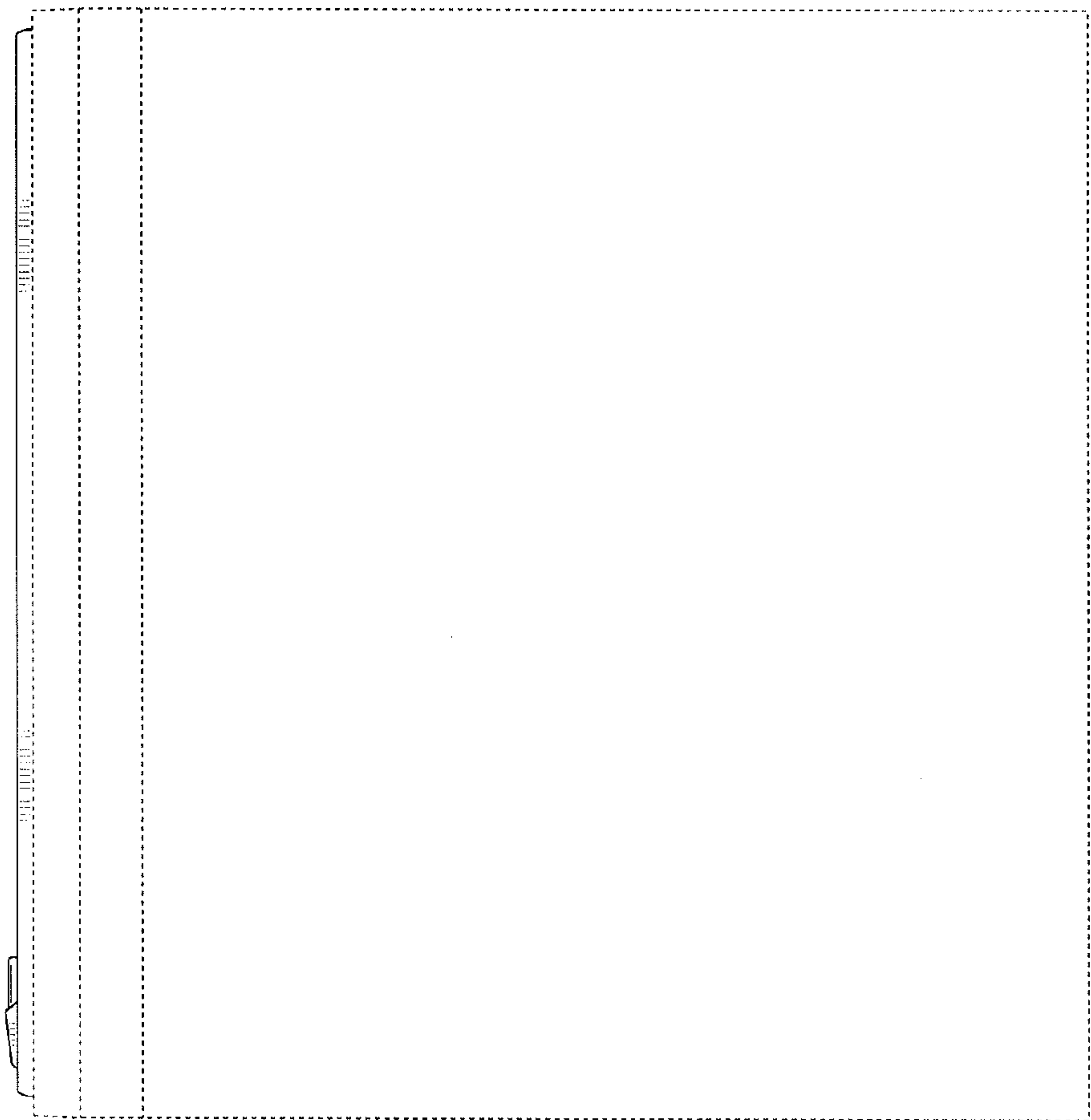


FIG. 7