



US00D727328S

(12) **United States Design Patent**
Nanno et al.

(10) **Patent No.:** **US D727,328 S**

(45) **Date of Patent:** **** Apr. 21, 2015**

(54) **SCANNER**

(71) Applicants: **Ai Nanno**, Nagoya (JP); **Tomoyuki Nanno**, Nagoya (JP)

(72) Inventors: **Ai Nanno**, Nagoya (JP); **Tomoyuki Nanno**, Nagoya (JP)

(73) Assignee: **Brother Industries, Ltd.**, Nagoya (JP)

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

(21) Appl. No.: **29/486,408**

(22) Filed: **Mar. 28, 2014**

(30) **Foreign Application Priority Data**

Nov. 21, 2013 (JP) 2013-27246

(51) **LOC (10) Cl.** **14-02**

(52) **U.S. Cl.**
USPC **D14/421**

(58) **Field of Classification Search**
USPC D14/421-425; D18/55, 49, 46, 40,
D18/36-39, 41, 44, 45, 47, 48, 50-54, 56;
235/462, 455, 470, 462.43, 482, 483;
358/474, 486, 488, 496, 497, 498, 452,
358/449, 451, 453, 1.13; 318/685, 696;
355/81, 75; 399/405, 367, 379, 380;
382/217; 715/209, 222, 226, 274;
400/613, 613.1-613.4, 690.1-690.4,
400/691-694

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D277,579 S * 2/1985 Noonan D14/425
D286,048 S * 10/1986 Sutoh et al. D14/425
D290,705 S * 7/1987 Yomo D14/435
D293,794 S * 1/1988 Nakade D14/425
D295,750 S * 5/1988 Imai D14/422
D304,181 S * 10/1989 Kagayama et al. D14/424
D304,934 S * 12/1989 Koshino D14/425

D318,654 S * 7/1991 Huang D14/425
D328,594 S * 8/1992 Kobayashi D14/424
D334,304 S * 3/1993 Gilman D6/449
D340,233 S * 10/1993 Takahashi D14/425
5,295,014 A * 3/1994 Toda 359/202.1
D350,733 S * 9/1994 Masujima D14/425
D355,382 S * 2/1995 Long et al. D10/49
D376,787 S * 12/1996 Calfee D14/451
6,078,407 A * 6/2000 Ma 358/474
D478,910 S * 8/2003 Khovaylo et al. D14/425
D484,532 S * 12/2003 Seo et al. D18/50
D491,220 S * 6/2004 Whitehorn et al. D18/50
6,771,399 B1 * 8/2004 Batten 358/497
D513,260 S * 12/2005 Ke et al. D14/425
7,019,872 B2 * 3/2006 Haas et al. 358/494
D519,151 S * 4/2006 Tashiro D18/54
D524,319 S * 7/2006 Zamanian D14/447
D532,786 S * 11/2006 Iseki D14/365
D551,231 S * 9/2007 Sekine et al. D14/424
D558,823 S * 1/2008 Alfonso et al. D18/55
D562,589 S * 2/2008 Mellon D6/449

(Continued)

OTHER PUBLICATIONS

Design U.S. Appl. No. 29/484,021, filed Mar. 5, 2014 in the name of Yusaku Seki et al.

Primary Examiner — Susan Moon Lee

(74) *Attorney, Agent, or Firm* — Oliff PLC

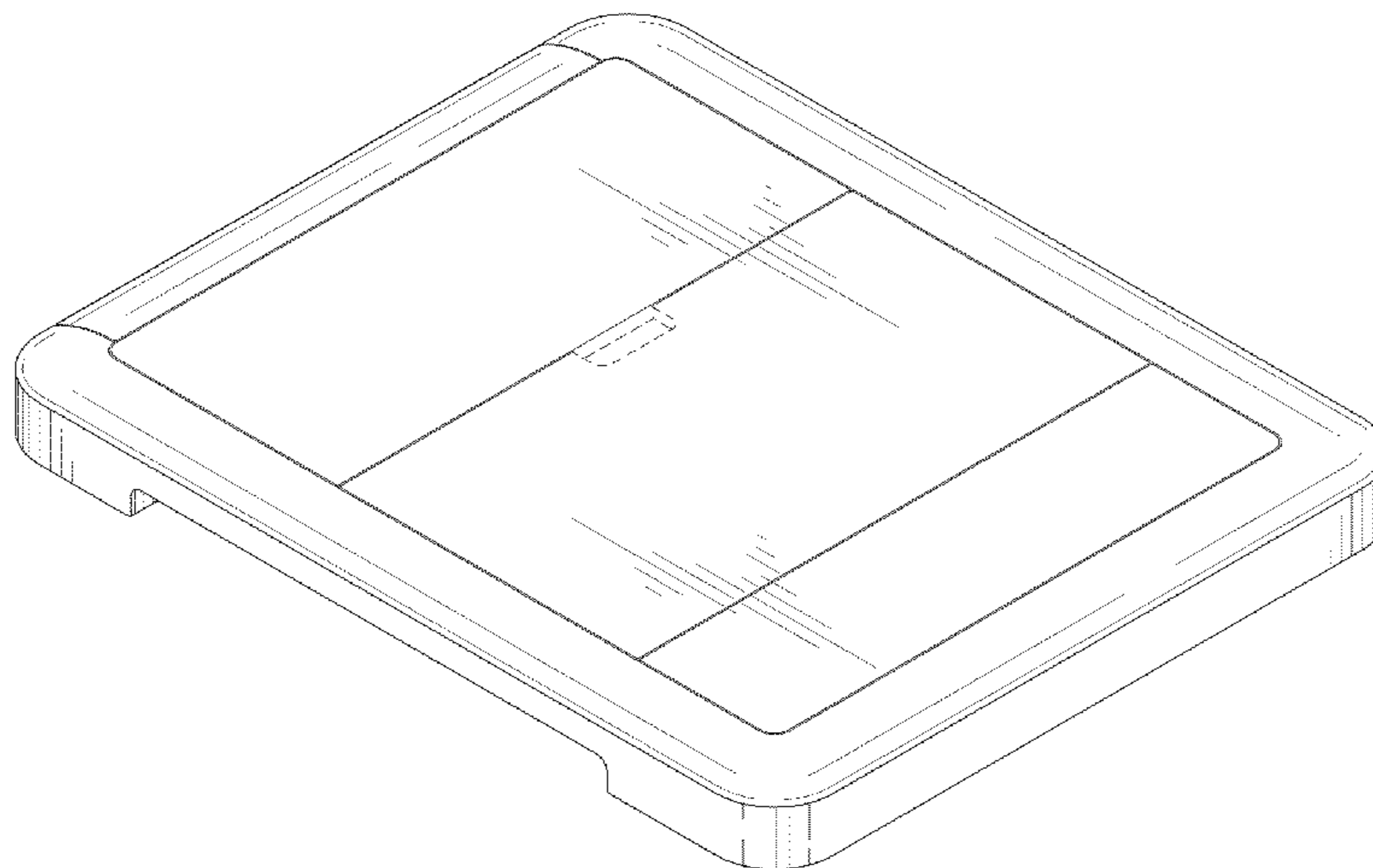
(57) **CLAIM**

The ornamental design for a scanner, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a scanner;
FIG. 2 is a front view thereof;
FIG. 3 is a top view thereof;
FIG. 4 is a right-side view thereof;
FIG. 5 is a left-side view thereof;
FIG. 6 is a rear view thereof; and,
FIG. 7 is a bottom view thereof.
Broken lines and unshaded portions entirely contained within broken line are not claimed.

1 Claim, 4 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D563,461	S *	3/2008	Kobayashi et al.	.....	D18/50
D584,346	S *	1/2009	Sumi	.....	D18/50
D586,384	S *	2/2009	Yamaguchi et al.	.....	D18/55
D599,797	S *	9/2009	Kim	.....	D14/383
D605,222	S *	12/2009	Yoshioka et al.	.....	D18/55
D613,791	S *	4/2010	Yoshioka et al.	.....	D18/55
D614,234	S *	4/2010	Ishikawa et al.	.....	D18/55
D614,693	S *	4/2010	Kato et al.	.....	D18/50
7,722,033	B2 *	5/2010	Matsumoto et al.	.....	271/162
D617,341	S *	6/2010	Kim et al.	.....	D14/501
D643,462	S *	8/2011	Yamashita et al.	.....	D18/50
D643,822	S *	8/2011	Crosby et al.	.....	D14/125
D645,896	S	9/2011	Iwai et al.		
D648,377	S *	11/2011	Miyauchi et al.	.....	D18/50
D648,379	S *	11/2011	Ishikawa et al.	.....	D18/50
D649,183	S *	11/2011	Miyauchi et al.	.....	D18/50
D665,013	S *	8/2012	Ishikawa et al.	.....	D18/50
D665,015	S *	8/2012	Matsuno et al.	.....	D18/50
D667,050	S *	9/2012	Takeuchi	.....	D18/50
D667,051	S *	9/2012	Sato	.....	D18/50
D669,082	S	10/2012	Sato		
D674,011	S *	1/2013	Sato	.....	D18/55
D675,673	S *	2/2013	Sato	.....	D18/50
D675,674	S *	2/2013	Sato	.....	D18/50
8,368,976	B2 *	2/2013	Hsu	.....	358/498
8,379,278	B2 *	2/2013	Kawai	.....	358/498
D678,402	S *	3/2013	Sato	.....	D18/50
D681,721	S *	5/2013	Iwai et al.	.....	D18/50
D682,282	S *	5/2013	Steinfeld	.....	D14/447
8,503,049	B2 *	8/2013	Kattou et al.	.....	358/498
D695,295	S *	12/2013	Chumanov et al.	.....	D14/433
D699,725	S *	2/2014	Sato et al.	.....	D14/421
8,659,807	B2 *	2/2014	Hara et al.	.....	358/497
D705,781	S *	5/2014	Yin et al.	.....	D14/421
2002/0056957	A1 *	5/2002	Sekine	.....	271/3.14
2005/0063024	A1 *	3/2005	Wang	.....	358/494
2008/0084589	A1 *	4/2008	Malzbender	.....	358/493
2009/0315253	A1 *	12/2009	Osakabe et al.	.....	271/121
2011/0199654	A1 *	8/2011	Takata	.....	358/498
2011/0299134	A1 *	12/2011	Shimoyama et al.	.....	358/474
2011/0317226	A1 *	12/2011	Gu et al.	.....	358/474
2012/0019876	A1 *	1/2012	Murray	.....	358/474
2012/0086967	A1 *	4/2012	Hara et al.	.....	358/1.13
2012/0086988	A1 *	4/2012	Hara et al.	.....	358/296
2012/0105920	A1 *	5/2012	Murray	.....	358/474
2012/0120461	A1 *	5/2012	Oshima et al.	.....	358/474
2013/0083336	A1 *	4/2013	Miura et al.	.....	358/1.12
2013/0083376	A1 *	4/2013	Miura et al.	.....	358/498
2013/0188001	A1 *	7/2013	Kimura et al.	.....	347/108
2013/0235433	A1 *	9/2013	Osakabe et al.	.....	358/474
2013/0235436	A1 *	9/2013	Osakabe et al.	.....	358/498
2014/0008865	A1 *	1/2014	Takahata	.....	271/264
2014/0009799	A1 *	1/2014	Miura et al.	.....	358/474
2014/0029066	A1 *	1/2014	Liu et al.	.....	358/474
2014/0139986	A1 *	5/2014	Osakabe et al.	.....	361/679.01
2014/0151959	A1 *	6/2014	Oyamada et al.	.....	271/264

* cited by examiner

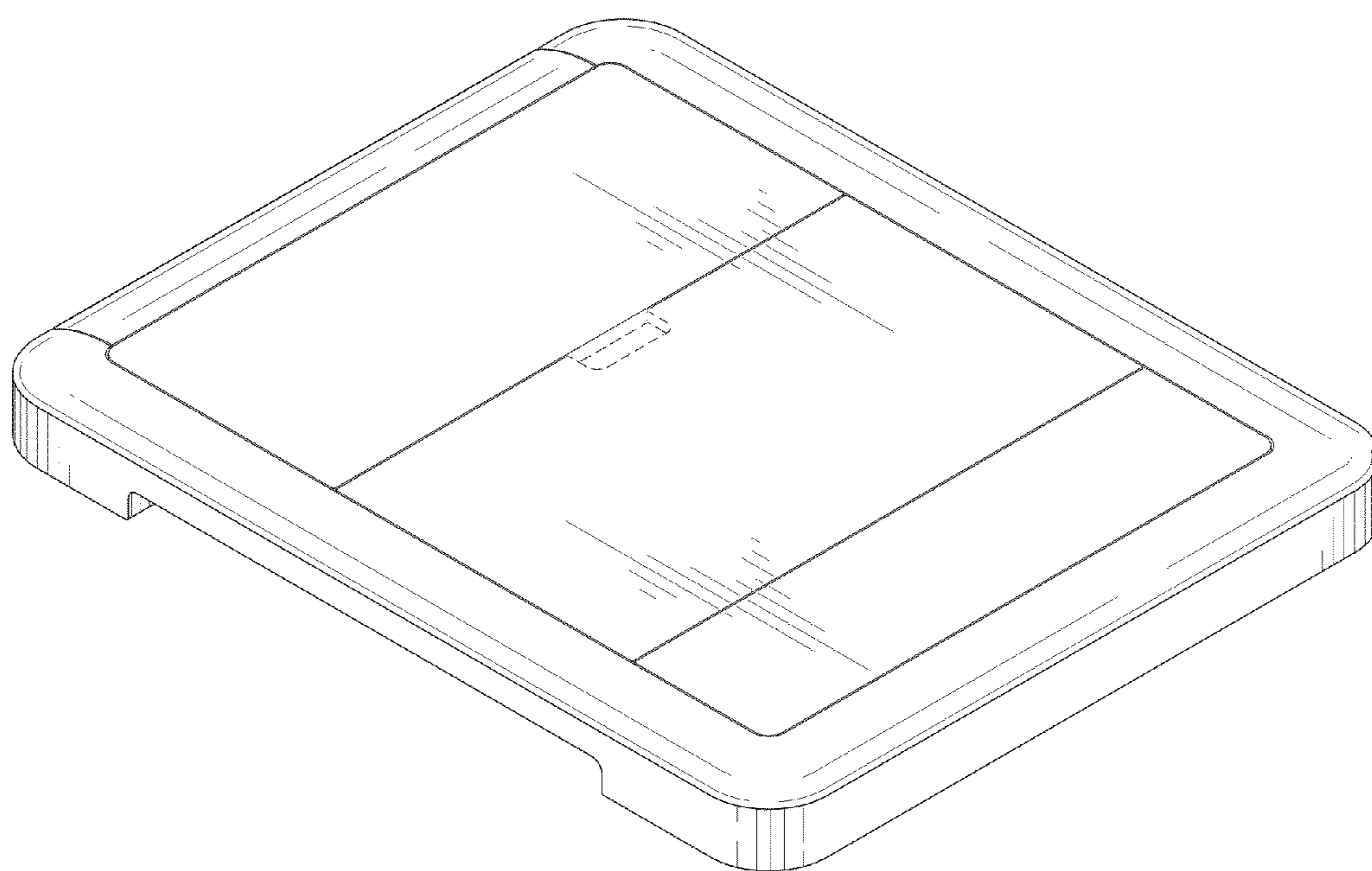


FIG. 1

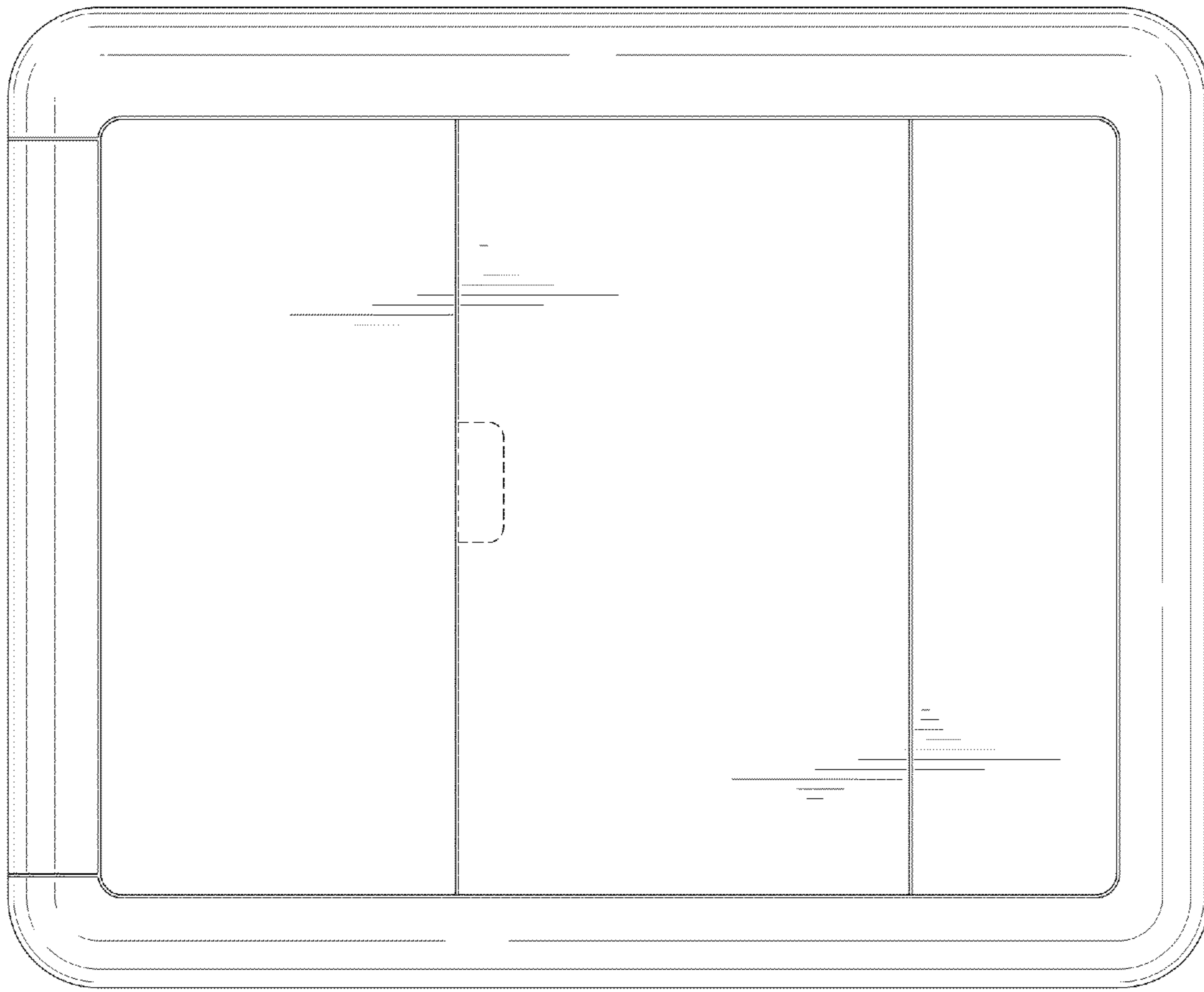


FIG. 3

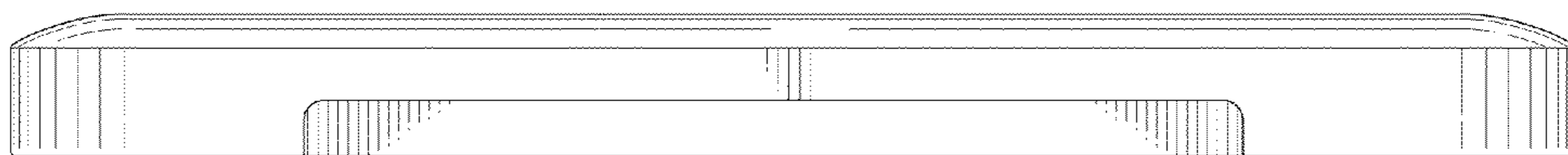


FIG. 2

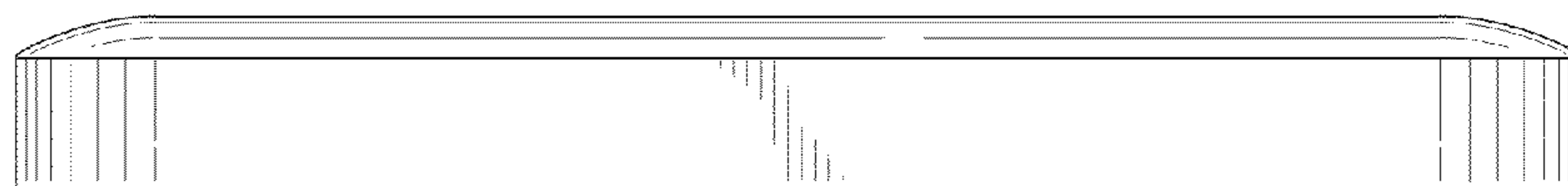


FIG. 4

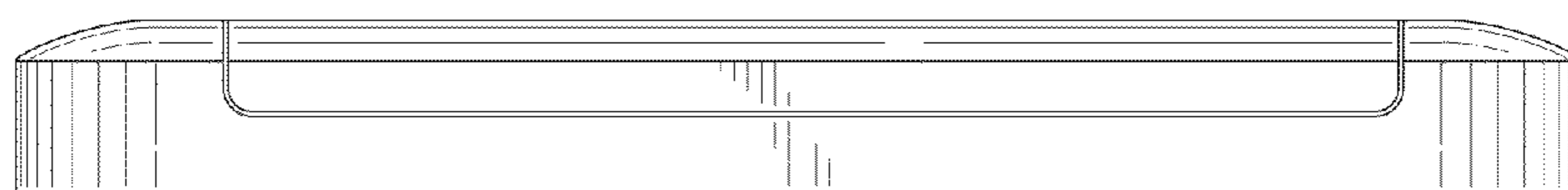


FIG. 5

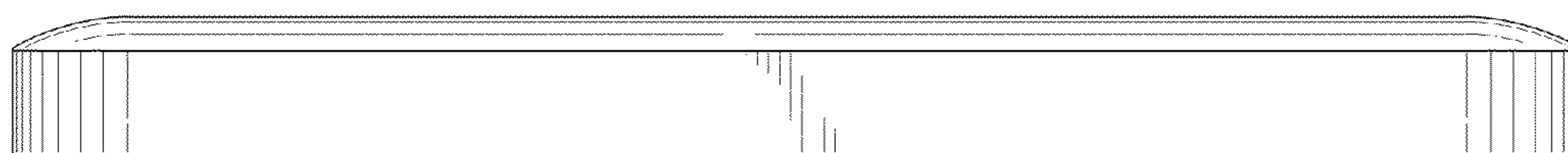


FIG. 6

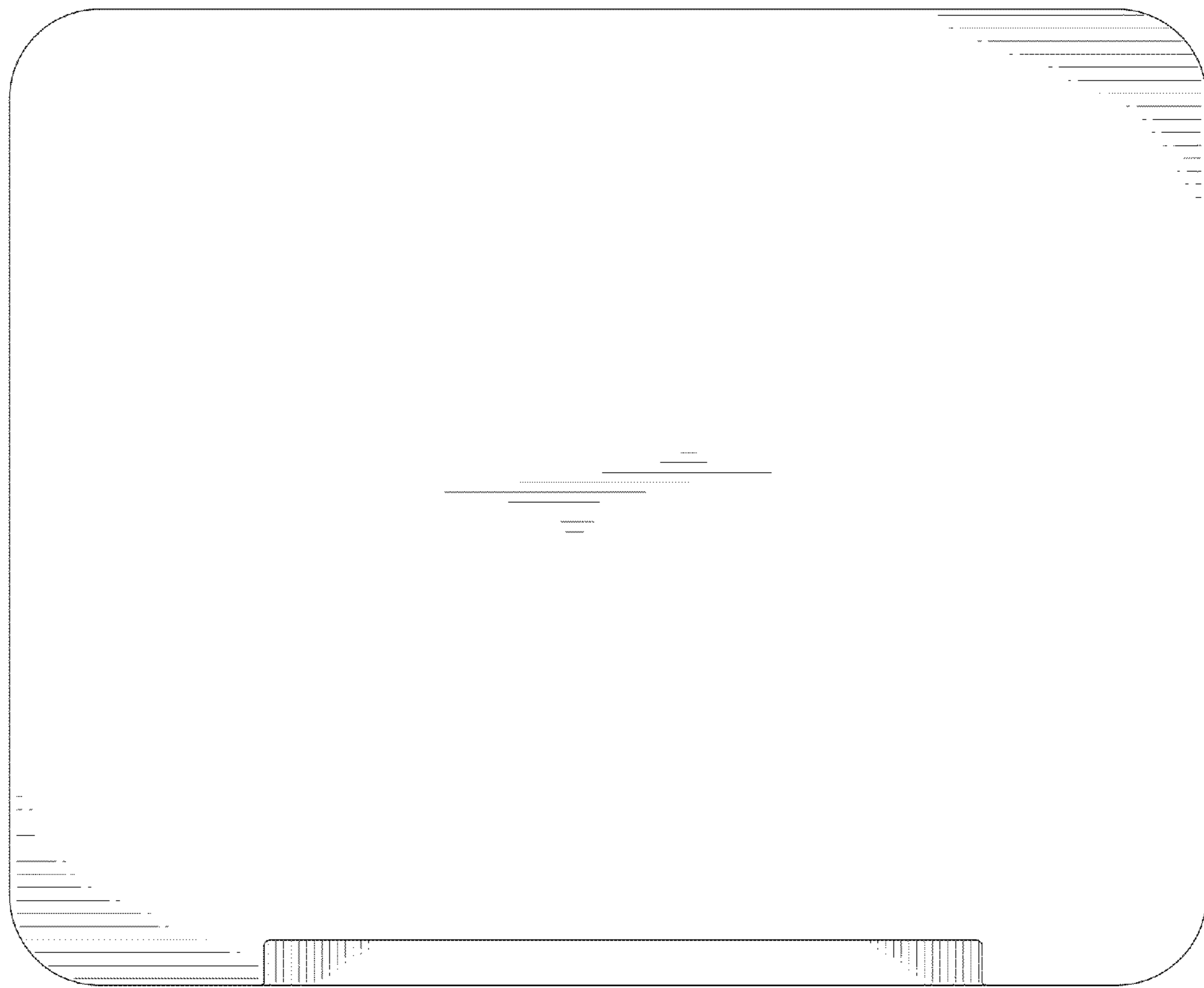


FIG. 7