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

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(54) **IMAGING DEVICE**

B65H 2511/00194; B65H 2511/00198;  
B65H 2511/00202; B65H 2511/00206;  
B65H

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(Continued)

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(56)

**References Cited**

U.S. PATENT DOCUMENTS

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D258,959 S \* 4/1981 Clayton ..... D18/54  
D292,976 S \* 12/1987 Kando ..... D14/150

(Continued)

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

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(21) Appl. No.: **29/579,570**

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

(57)

**CLAIM**

(52) **U.S. Cl.**

The ornamental design for an imaging device, as shown and described.

USPC ..... **D14/422**

(58) **Field of Classification Search**

**DESCRIPTION**

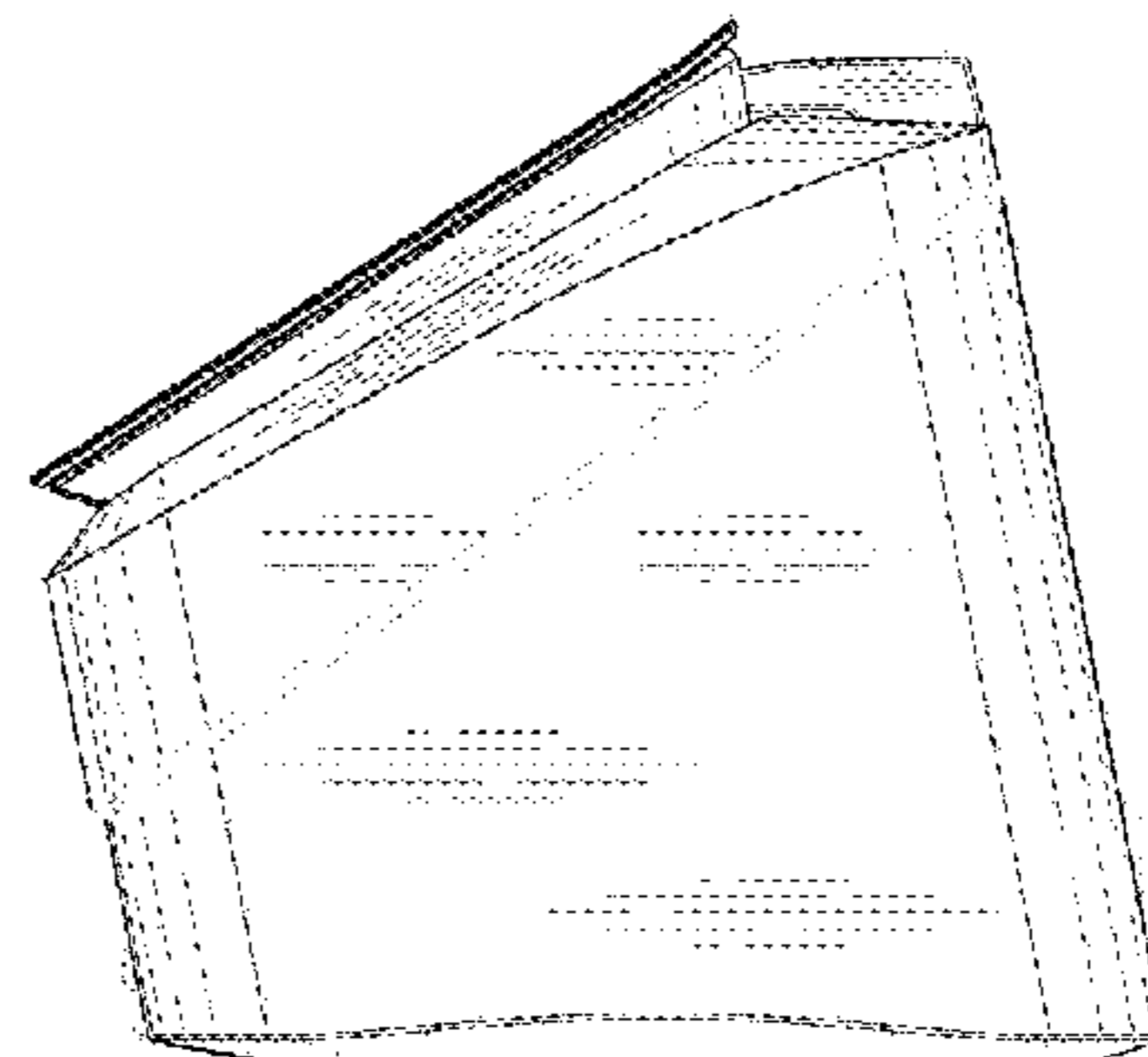
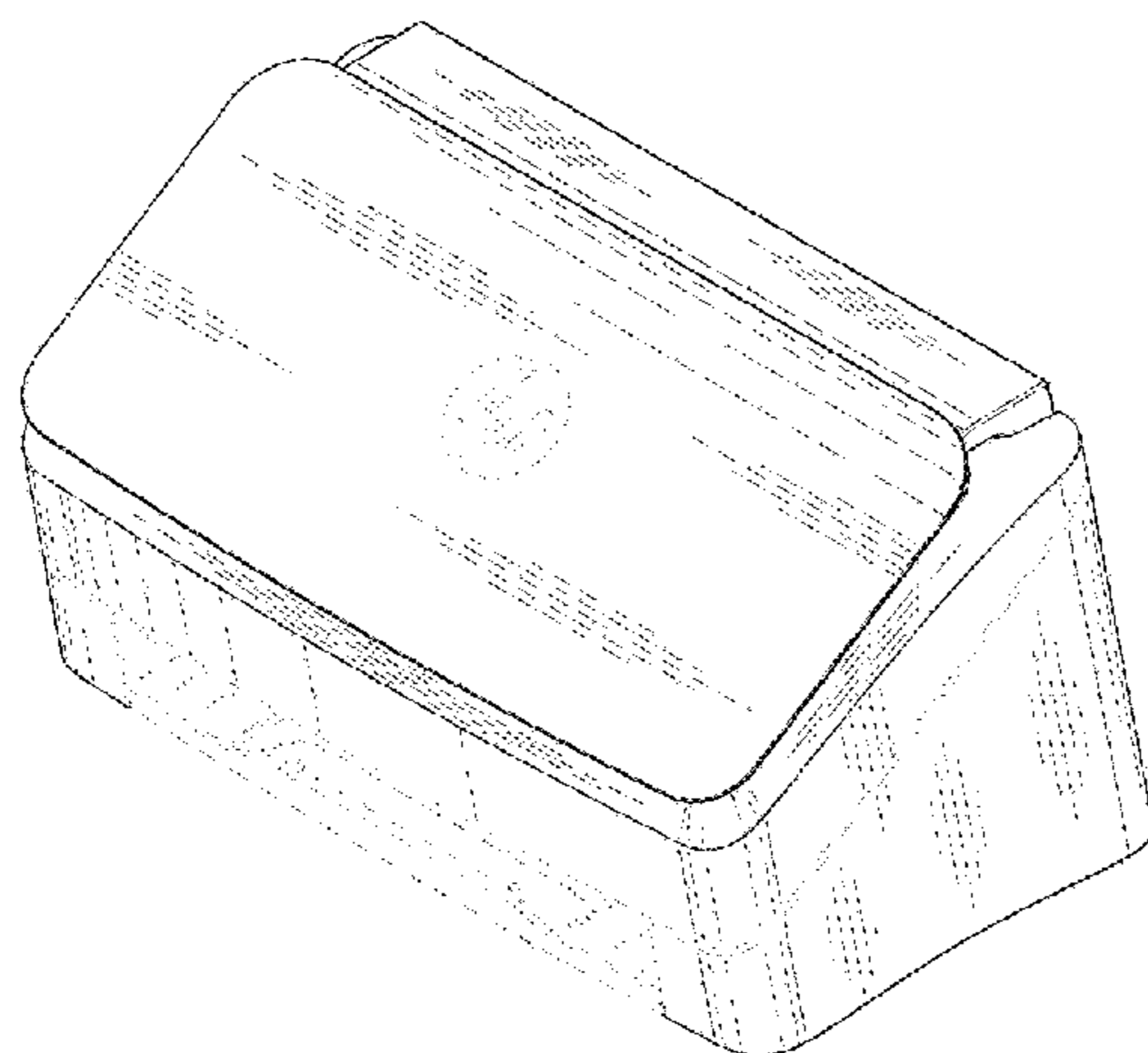
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D18/44–56; 235/462, 455, 470, 462.43,  
235/482, 483; 358/474, 486, 488, 496,  
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715/226, 274; 400/613, 613.1–613.4,  
400/690.1–690.4, 691–694

CPC ..... H04N 1/00; H04N 1/12; H04N 1/00013;  
H04N 1/00015; H04N 1/00018; H04N  
1/00026; H04N 1/00557; H04N 1/00564;  
H04N 1/00567; H04N 1/0057; H04N  
1/00572; H04N 1/00586; H04N 1/00588;  
H04N 1/00591; H04N 1/00594; H04N  
1/00596; H04N 1/00604; H04N 1/00519;  
H04N 1/00559; H04N 1/1013; H04N  
1/10; H04N 1/00551; H04N 1/00278;  
H04N 2201/0456; H04N 2201/0446;  
H04N 2201/00; H04N 2201/0094; H04N  
1/00525; G03G 15/0142; G03G 15/605;  
G03G 15/602; B65H 5/26; B65H 5/30;  
B65H 7/00; B65H 2402/515; B65H  
2402/31; B65H 2511/20; B65H 2511/414;

FIG. 1 is a front, left, top, perspective view of an imaging device showing our new design;  
FIG. 2 is a rear, right, top, perspective view of the imaging device shown in FIG. 1;  
FIG. 3 is a front elevational view of the imaging device shown in FIG. 1;  
FIG. 4 is a rear elevational view of the imaging device shown in FIG. 1;  
FIG. 5 is a left-side elevational view of the imaging device shown in FIG. 1;  
FIG. 6 is a right-side elevational view of the imaging device shown in FIG. 1;  
FIG. 7 is a top plan view of the imaging device shown in FIG. 1; and,  
FIG. 8 is a bottom plan view of the imaging device shown in FIG. 1.

The broken lines shown in the drawings represent portions of the imaging device that form no part of the claimed design.

**1 Claim, 8 Drawing Sheets**



(58) **Field of Classification Search**  
 CPC ..... 2301/00; B65H 2220/04; B65H 3/5261;  
 B65H 2513/42  
 See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D315,360 S \* 3/1991 Tokuda ..... D18/54  
 D315,361 S \* 3/1991 Kojima ..... D18/55  
 D318,066 S \* 7/1991 Moro ..... D18/54  
 D326,678 S \* 6/1992 Uchibori ..... D18/55  
 D345,966 S \* 4/1994 Perez ..... D18/4.5  
 D348,054 S \* 6/1994 Minasian ..... D14/425  
 D399,524 S \* 10/1998 Nakajima ..... D18/50  
 D401,271 S \* 11/1998 Nakajima ..... D18/55  
 5,893,822 A \* 4/1999 Deni ..... B65B 31/046  
 493/256  
 D414,508 S \* 9/1999 Pangburn ..... D18/55  
 D422,570 S \* 4/2000 Kobayashi ..... D14/509  
 D433,442 S \* 11/2000 Clark, III ..... 14/2  
 D446,306 S \* 8/2001 Ochi ..... D24/165  
 D456,020 S \* 4/2002 Obata ..... D14/336  
 6,536,670 B1 \* 3/2003 Postman ..... G06F 1/1626  
 235/487  
 D475,052 S \* 5/2003 Chujou ..... D14/422  
 6,842,652 B2 \* 1/2005 Yeung ..... H04N 1/00236  
 250/201.2  
 7,029,113 B2 \* 4/2006 Hwang ..... B41J 29/13  
 347/108  
 D523,469 S \* 6/2006 Hwang ..... D18/50  
 D549,705 S \* 8/2007 Sugitani ..... D14/422  
 D574,829 S \* 8/2008 Shirai ..... D14/422  
 D609,711 S \* 2/2010 Kuroda ..... D14/422  
 D610,146 S \* 2/2010 Kuroda ..... D14/422  
 D610,147 S \* 2/2010 Kuroda ..... D14/422  
 D610,148 S \* 2/2010 Kuroda ..... D14/422  
 D610,149 S \* 2/2010 Kuroda ..... D14/422  
 D610,153 S \* 2/2010 Kuroda ..... D14/422  
 D610,154 S \* 2/2010 Kuroda ..... D14/422  
 D610,155 S \* 2/2010 Kuroda ..... D14/422  
 7,686,221 B2 \* 3/2010 Chiba ..... H04N 1/00204  
 235/454  
 D616,889 S \* 6/2010 Kuroda ..... D14/422  
 D632,295 S \* 2/2011 Kuroda ..... D14/422  
 D642,179 S \* 7/2011 Kuroda ..... D14/422  
 D663,300 S \* 7/2012 Kim ..... D14/407  
 D669,080 S \* 10/2012 Iwai ..... D14/422  
 D669,081 S \* 10/2012 Iwai ..... D14/422  
 D669,526 S \* 10/2012 Sakurai ..... D18/50

D682,329 S \* 5/2013 Day ..... D15/146  
 D687,436 S \* 8/2013 Penke ..... D14/422  
 D689,866 S \* 9/2013 Anzai ..... D14/422  
 D694,792 S \* 12/2013 Day ..... D15/146  
 D694,794 S \* 12/2013 Cumming ..... D15/146  
 D696,339 S \* 12/2013 Hasui ..... D18/34.3  
 D700,908 S \* 3/2014 Taniho ..... D14/422  
 D708,185 S \* 7/2014 Romanoff ..... D14/422  
 D708,618 S \* 7/2014 Romanoff ..... D14/422  
 D713,845 S \* 9/2014 Taniho ..... D14/422  
 D716,305 S \* 10/2014 Tani ..... D14/422  
 8,856,033 B2 \* 10/2014 Hicks ..... G07G 1/0081  
 235/385  
 D719,168 S \* 12/2014 Tani ..... D14/422  
 D723,562 S \* 3/2015 Inada ..... D14/422  
 9,107,484 B2 \* 8/2015 Chaney ..... A45C 11/00  
 D739,365 S \* 9/2015 Garcia ..... D14/126  
 9,239,590 B2 \* 1/2016 Vargas ..... G06F 1/1613  
 D757,162 S \* 5/2016 Lyons ..... D18/4.4  
 D758,369 S \* 6/2016 Kuroda ..... D14/422  
 9,415,954 B2 \* 8/2016 Ukai ..... B65H 1/02  
 D766,246 S \* 9/2016 Inada ..... D14/422  
 D775,127 S \* 12/2016 Strubi ..... D14/358  
 D776,118 S \* 1/2017 Ishida ..... D14/422  
 D780,181 S \* 2/2017 Peng ..... D14/422  
 D783,023 S \* 4/2017 Kuroda ..... D14/422  
 2003/0063337 A1 \* 4/2003 Shirai ..... H04N 1/0062  
 358/498  
 2005/0094227 A1 \* 5/2005 Hwang ..... H04N 1/00525  
 358/498  
 2006/0152773 A1 \* 7/2006 Wu ..... H04N 1/10  
 358/474  
 2007/0188818 A1 \* 8/2007 Westcott ..... H04N 1/00525  
 358/296  
 2009/0230611 A1 \* 9/2009 Ngai ..... H04N 1/00525  
 271/145  
 2010/0053701 A1 \* 3/2010 Yoshida ..... H04N 1/00525  
 358/474  
 2010/0060948 A1 \* 3/2010 Yoshida ..... H04N 1/00519  
 358/474  
 2013/0056923 A1 \* 3/2013 Kuriki ..... B65H 31/02  
 271/145  
 2013/0056924 A1 \* 3/2013 Mizuno ..... B65H 9/06  
 271/162  
 2013/0057932 A1 \* 3/2013 Mukai ..... H04N 1/00533  
 358/498  
 2013/0163056 A1 \* 6/2013 Hanayama ..... H04N 1/00013  
 358/474  
 2013/0222867 A1 \* 8/2013 Tomita ..... H04N 1/00013  
 358/498

\* cited by examiner



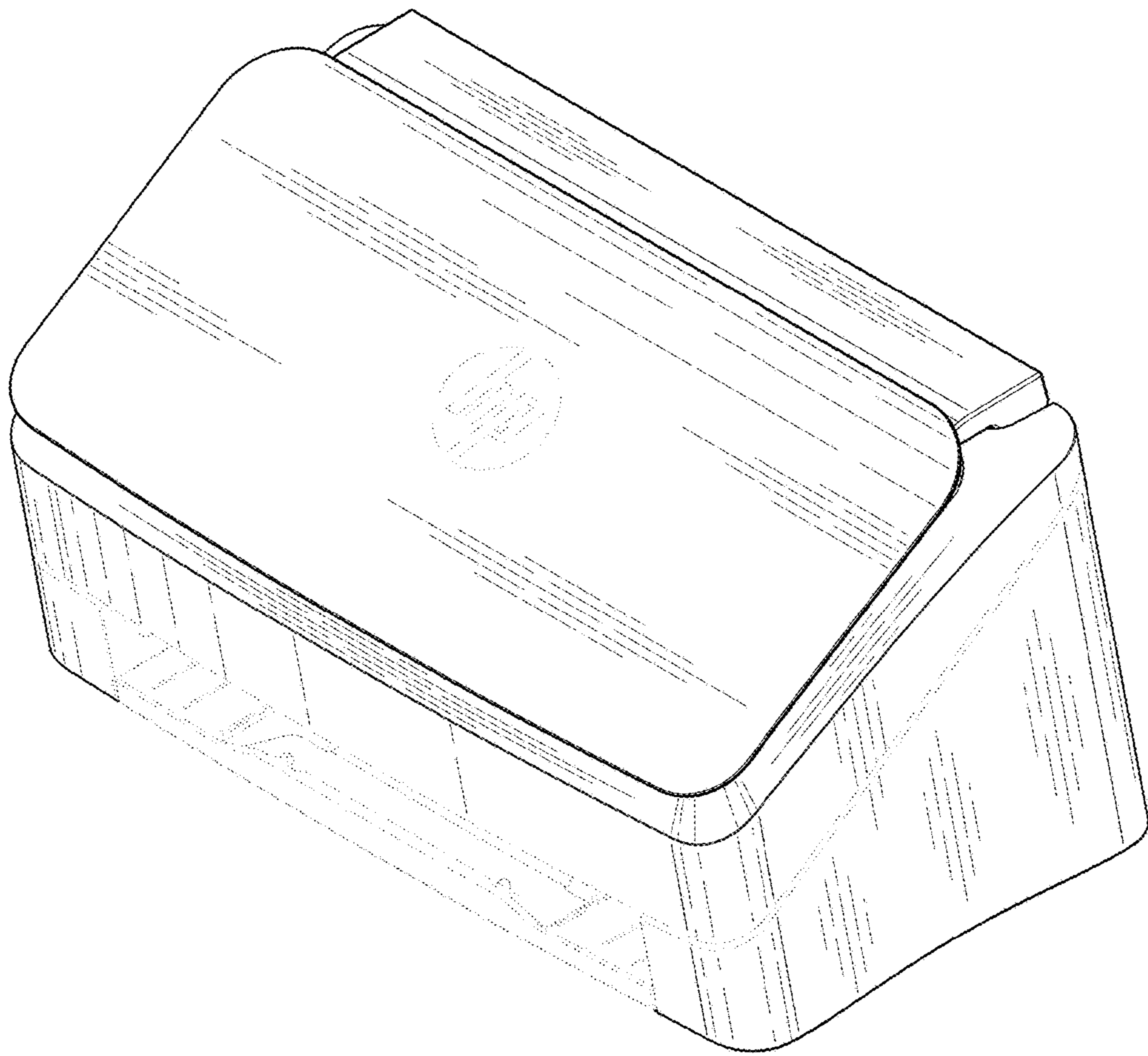


FIG. 1

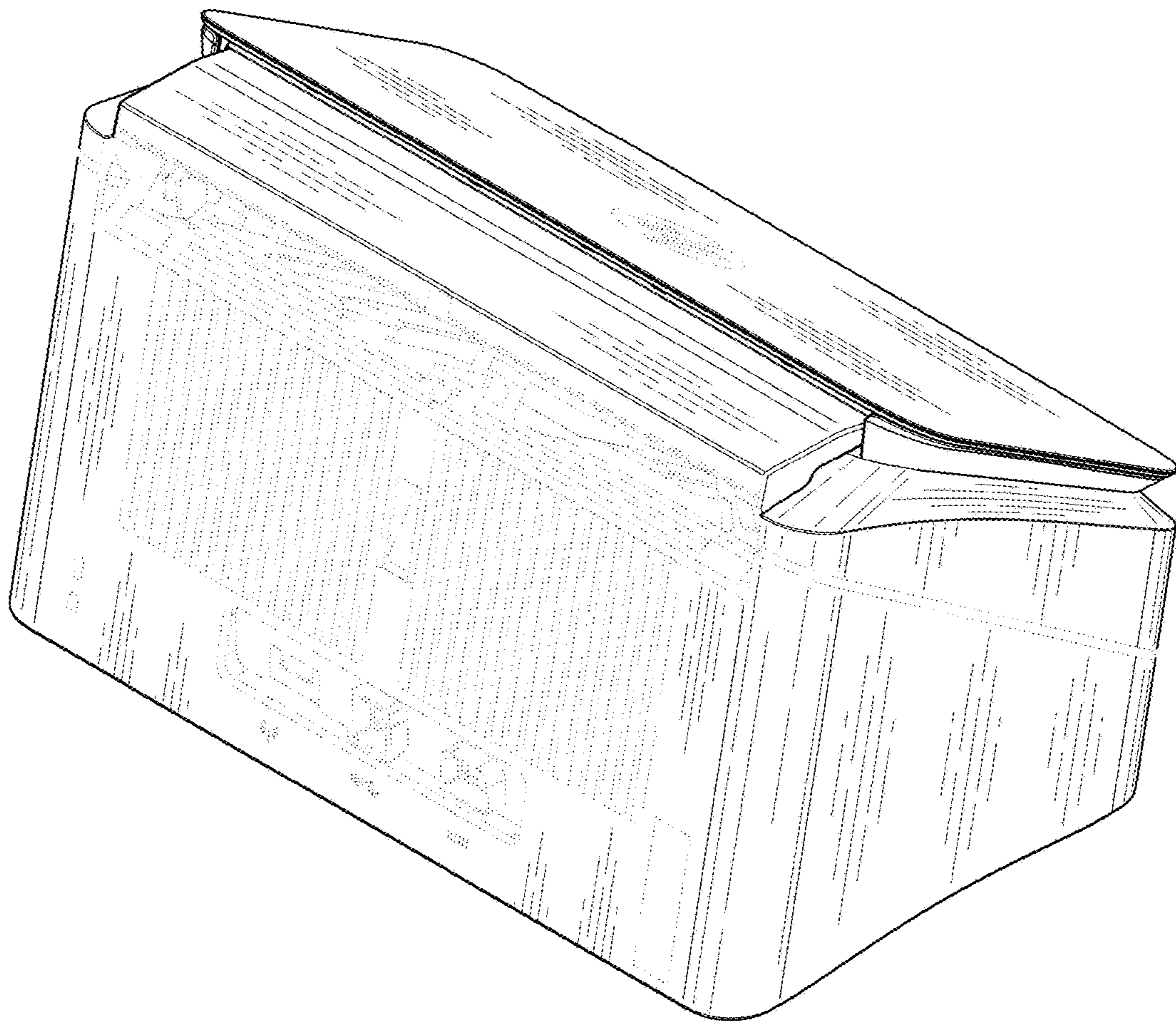


FIG. 2

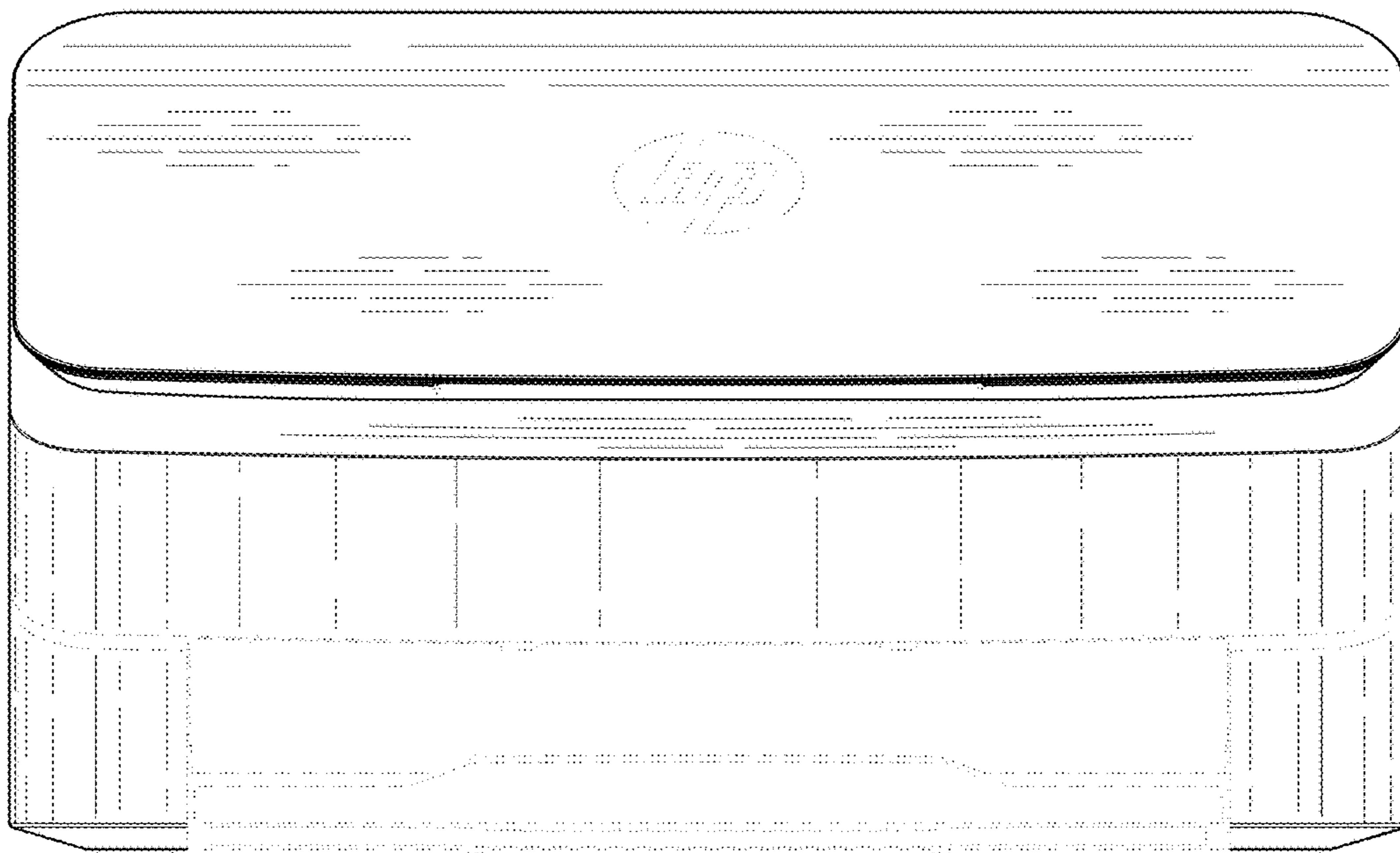


FIG. 3

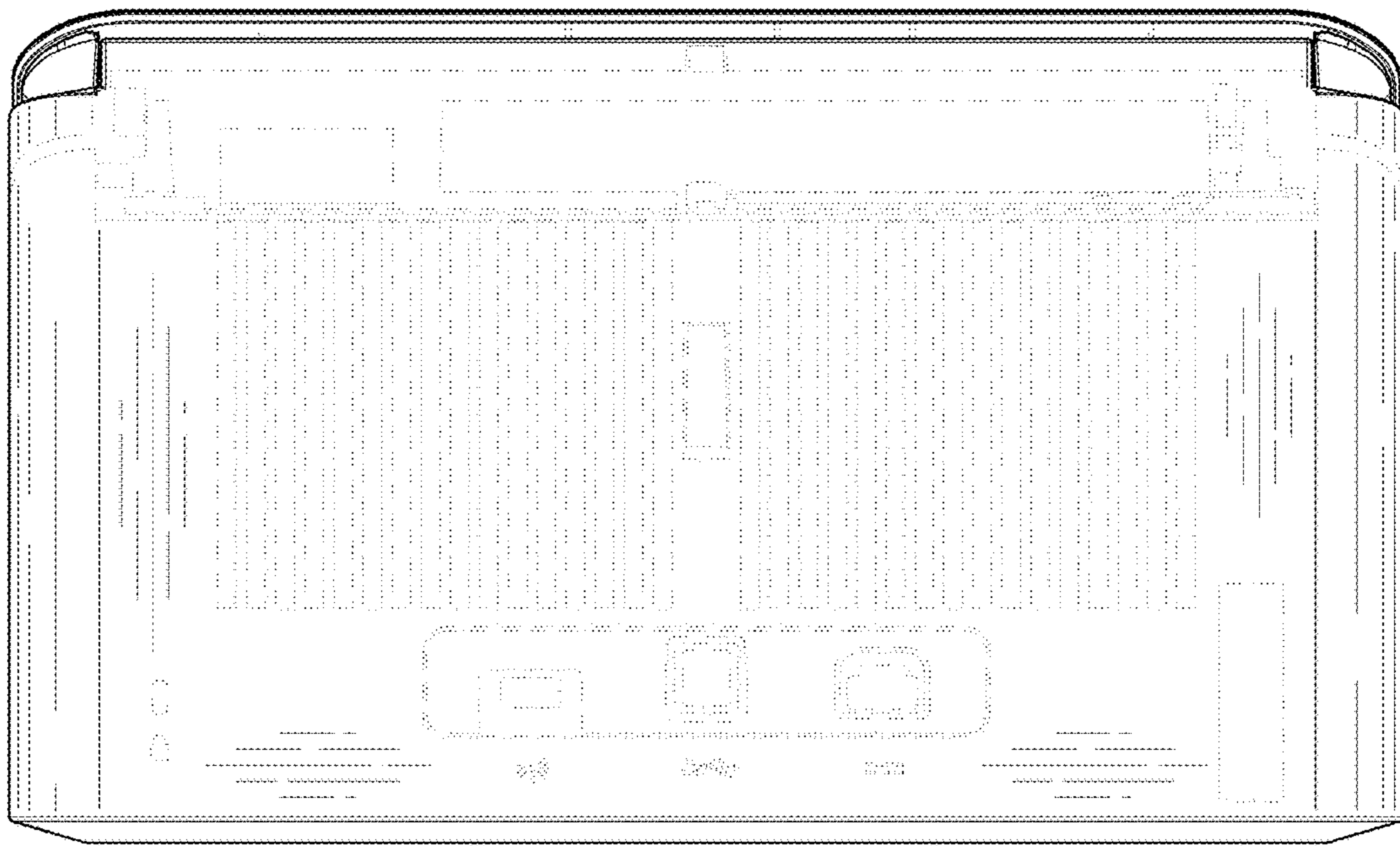


FIG. 4

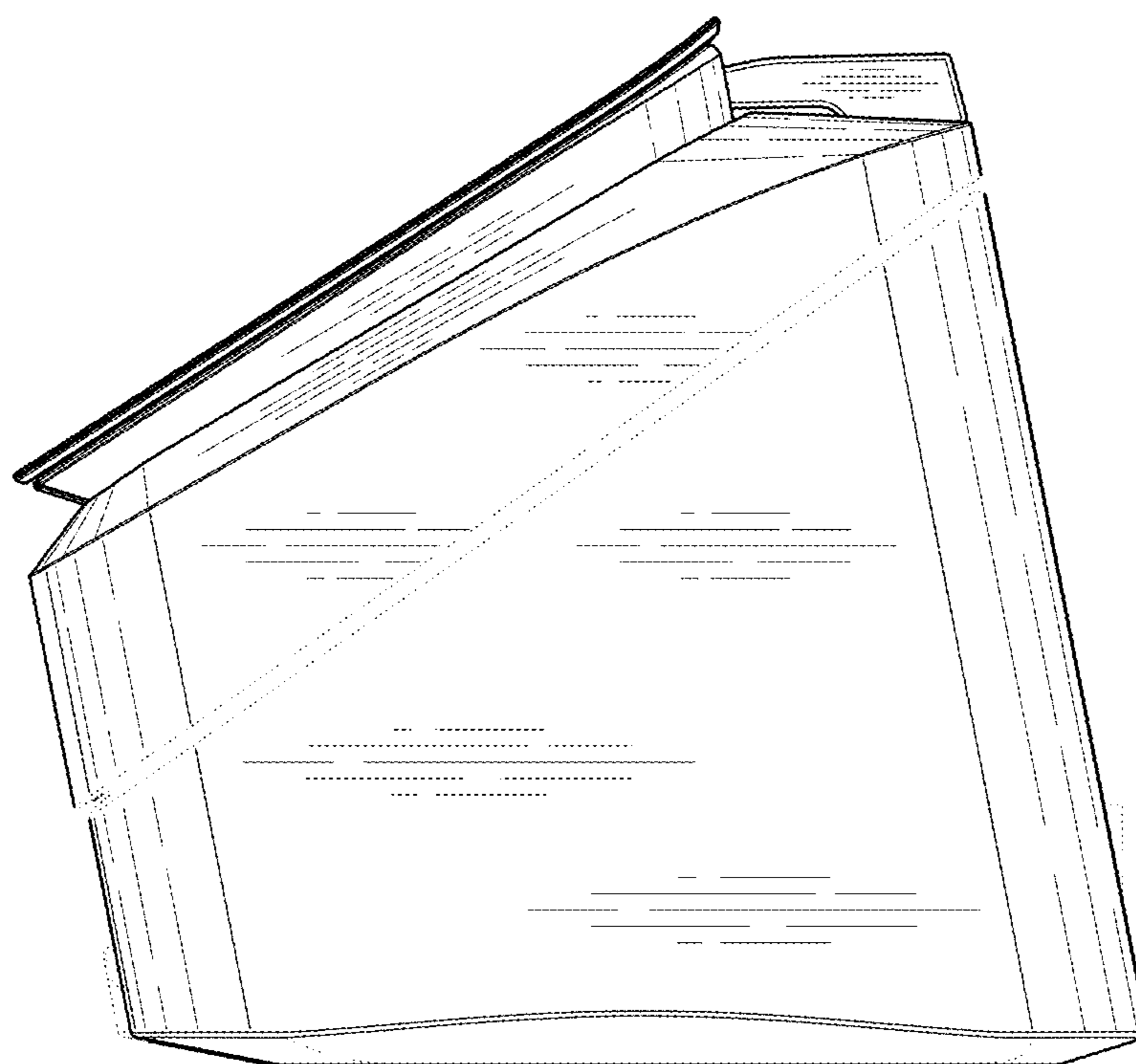


FIG. 5



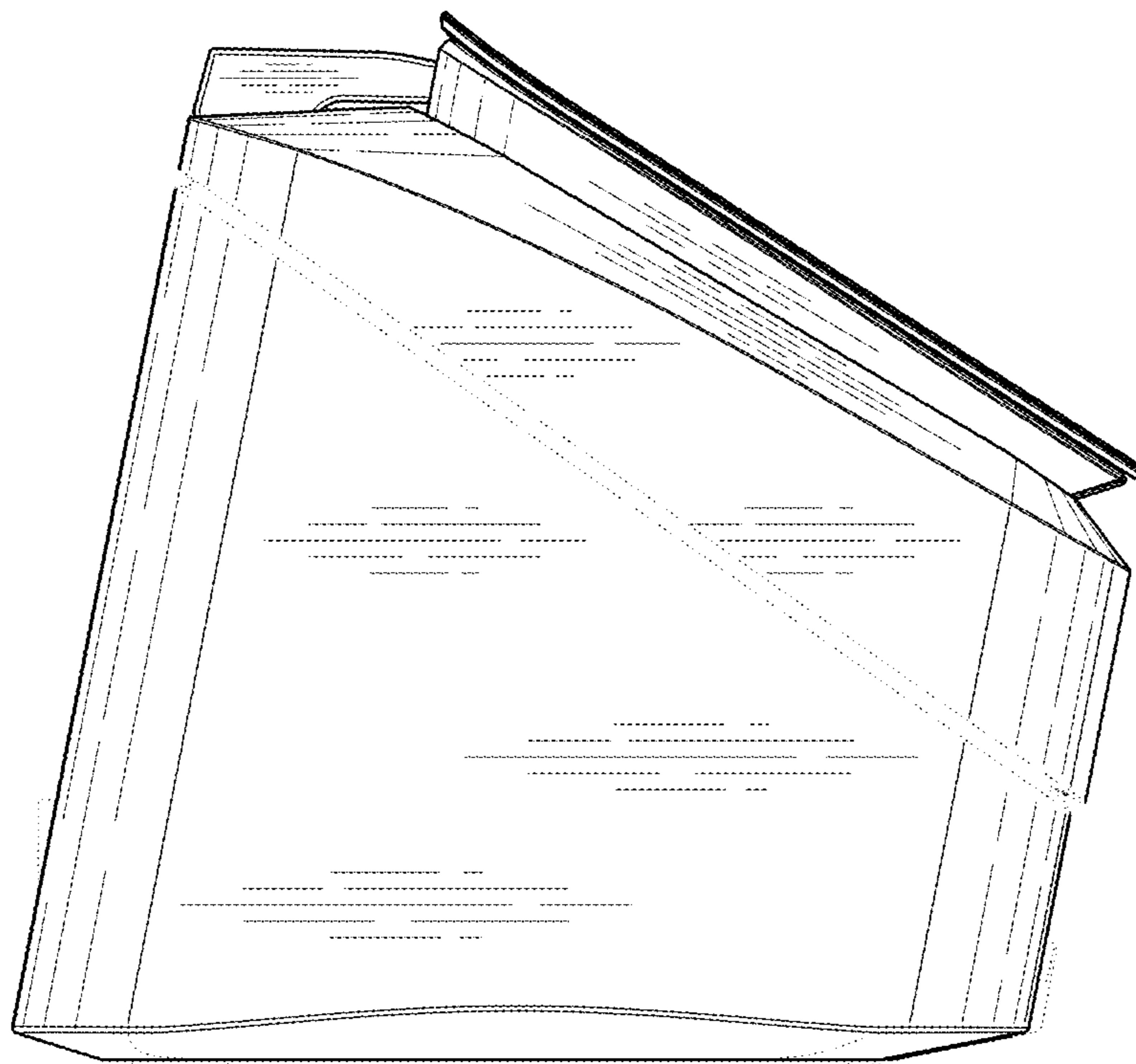


FIG. 6



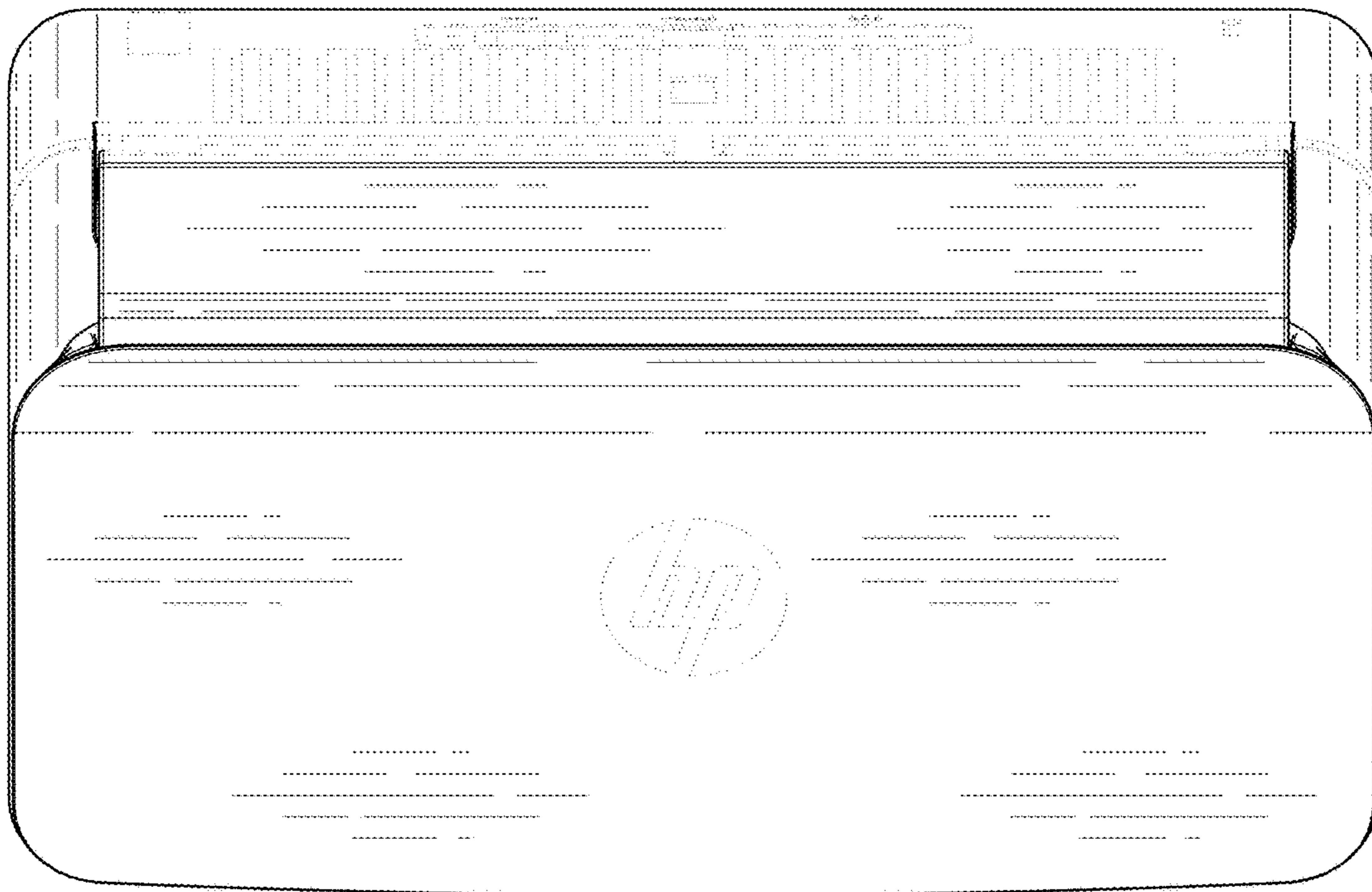


FIG. 7

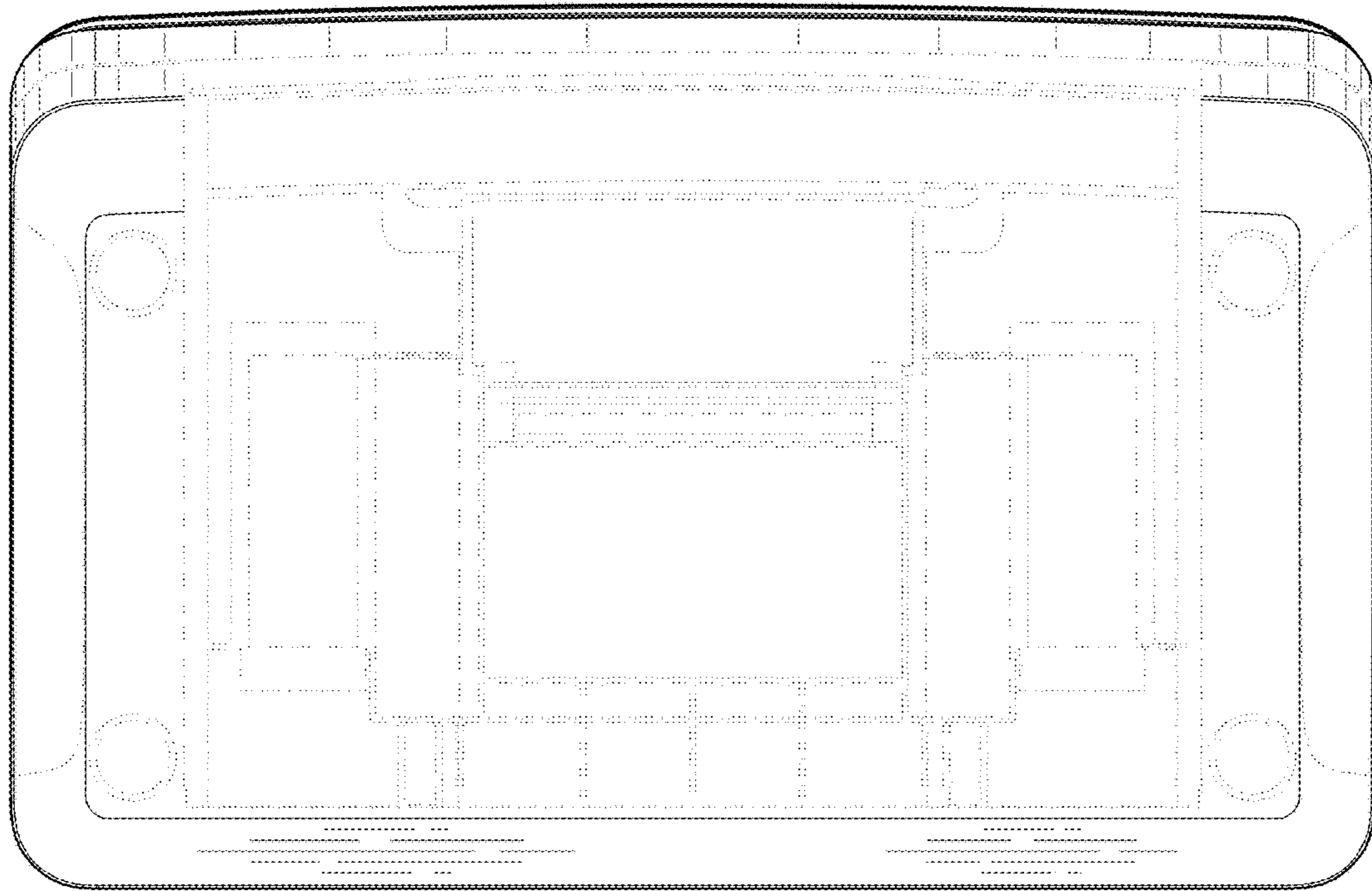


FIG. 8