



US00D810192S

(12) **United States Design Patent** (10) **Patent No.:** **US D810,192 S**
Kawata (45) **Date of Patent:** **** Feb. 13, 2018**

(54) **COPIER**

H04N 1/00204; H04N 1/00249; H04N 1/00278; H04N 1/00602; H04N 1/00631

(71) Applicant: **SHARP KABUSHIKI KAISHA**,
Osaka-shi, Osaka (JP)

See application file for complete search history.

(72) Inventor: **Osamu Kawata**, Osaka (JP)

(56) **References Cited**

(73) Assignee: **Sharp Kabushiki Kaisha**, Osaka (JP)

U.S. PATENT DOCUMENTS

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

D257,984 S 1/1981 Kurozumi et al.
D295,285 S 4/1988 Nishibori
D296,901 S 7/1988 Kosako et al.

(21) Appl. No.: **29/547,698**

(Continued)

(22) Filed: **Dec. 7, 2015**

OTHER PUBLICATIONS

(30) **Foreign Application Priority Data**

Jun. 8, 2015 (JP) 2015-012607

Sharp MX3070N MX3570N and MX4070N, Dec. 8, 2015 [online], [retrieved Sep. 28, 2016], Retrieved from Internet, URL:<<http://www.atechnj.com/blog/sharp-mx3070n-mx3570n-and-mx4070n-product-announcement/>>.*

(51) **LOC (11) Cl.** **16-03**

(Continued)

(52) **U.S. Cl.**
USPC **D18/39**

(58) **Field of Classification Search**

USPC D18/36, 37, 39, 40, 41, 44, 45, 46, 47, D18/48, 49, 50, 51, 52, 53, 54, 55, 56; D14/462, 463, 464, 465, 466, 467, 468, D14/469, 470, 471, 301, 307, 129, 130
CPC B41J 3/00; B41J 3/28; B41J 3/445; B41J 3/46; B65H 11/00; B65H 11/002; B65H 2301/331; B65H 29/46; G03B 27/04; G03B 27/08; G03B 27/14; G03B 27/16; G03G 15/00; G03G 15/04; G03G 15/23; G03G 15/28; G03G 15/50; G03G 15/55; G03G 15/60; G03G 15/65; G03G 15/221; G03G 15/5075; G03G 15/6558; G03G 15/0832; G03G 15/0834; G03G 15/0836; G03G 15/0837; G03G 15/0877; G03G 15/0867; G03G 15/0868; G03G 15/0872; G03G 15/0898; G03G 15/5016; G03G 15/0841; G03G 21/1853; G03G 21/20; G03G 21/18; G03G 21/08; G03G 21/16; G03G 2221/1654; G03G 2221/183; G03G 2221/1684; G03G 2221/1645; G03F 7/70716; G06K 15/12; G06K 15/14;

Primary Examiner — Barbara Fox

Assistant Examiner — Mary C Ramirez

(74) *Attorney, Agent, or Firm* — Nixon & Vanderhye P.C.

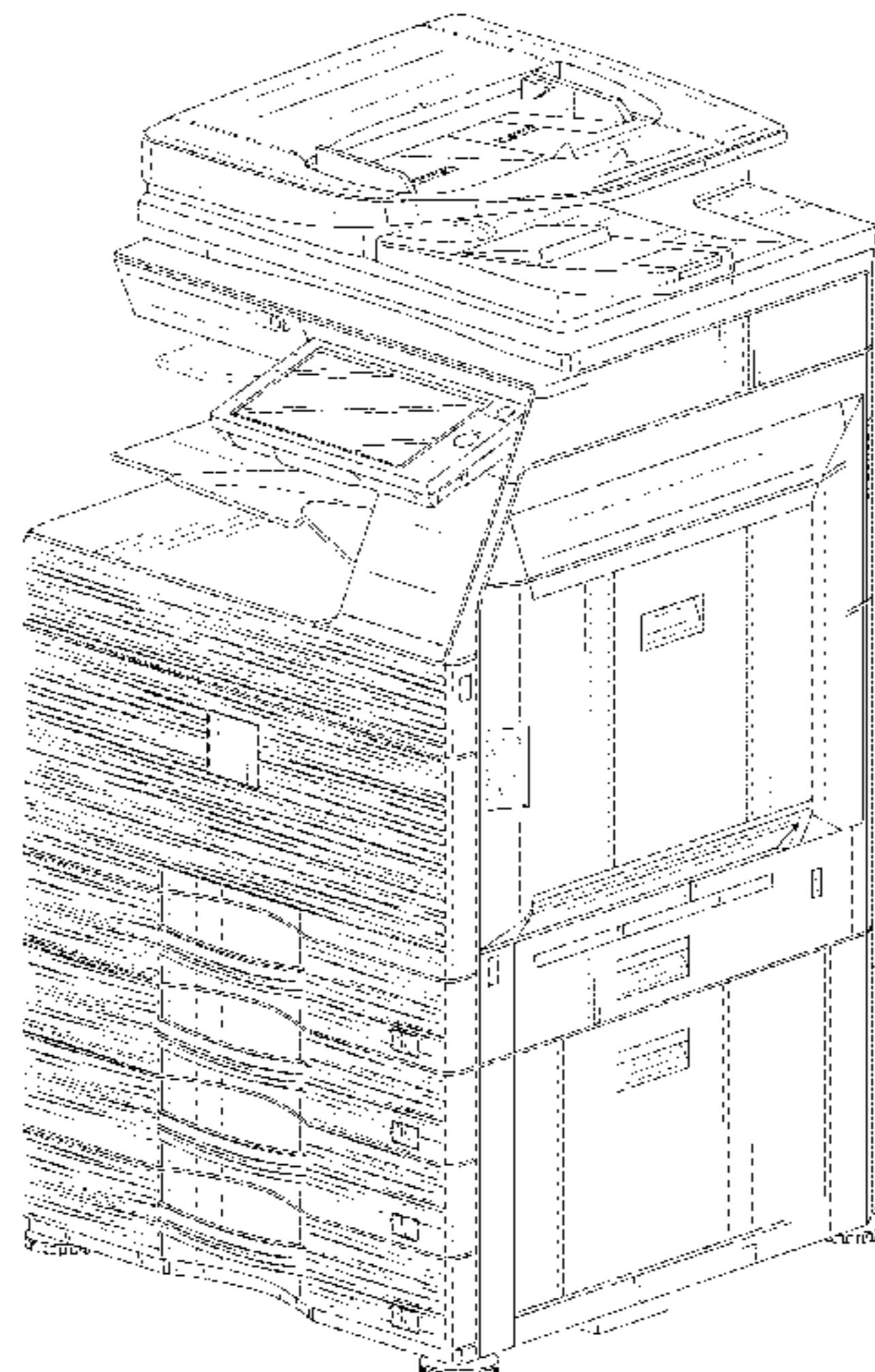
(57) **CLAIM**

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

DESCRIPTION

FIG. 1 is a top, front, right perspective view of a copier showing the new design;
FIG. 2 is a front elevation view thereof;
FIG. 3 is a back elevation view thereof;
FIG. 4 is a top plan view thereof;
FIG. 5 is a bottom plan view thereof;
FIG. 6 is a right side elevation view thereof; and,
FIG. 7 is a left side elevation view thereof.
The lines shown on the front of the copier illustrate a surface appearance.
The broken lines shown in the drawings illustrate portions of the copier that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D299,355 S 1/1989 Kosako et al.
 D315,363 S 3/1991 Kosako et al.
 D332,279 S 1/1993 Mano et al.
 D334,205 S 3/1993 Ratzlaff
 D338,197 S * 8/1993 Miyazawa D14/463
 D339,151 S 9/1993 Ratzlaff
 D339,152 S 9/1993 Hirose et al.
 D350,769 S 9/1994 Hattori et al.
 D354,076 S 1/1995 Fukuda et al.
 D378,099 S 2/1997 Yoshida et al.
 D382,893 S * 8/1997 Takenouchi D18/38
 D384,692 S * 10/1997 Takenouchi D18/39
 D390,256 S * 2/1998 Shibata D18/39
 D406,161 S 2/1999 Yoshida et al.
 D423,040 S 4/2000 Ohta et al.
 D425,929 S 5/2000 Imai
 D430,596 S 9/2000 Shiozaki et al.
 D433,439 S * 11/2000 Yoshida D14/421
 D435,858 S * 1/2001 Hatanaka D18/39
 D438,889 S * 3/2001 Matsumoto D18/39
 D439,271 S * 3/2001 Takimura D18/39
 D447,765 S * 9/2001 Hatanaka D18/39
 D451,124 S 11/2001 Isomoto
 D458,298 S * 6/2002 Katsuyama D18/36
 D486,851 S * 2/2004 Ohashi D18/39
 D493,817 S 8/2004 Yoshida et al.
 D494,211 S 8/2004 Yoshida et al.
 D497,942 S * 11/2004 Yoshida D18/39
 D501,019 S 1/2005 Yoshida et al.
 D502,210 S 2/2005 Katori et al.
 D537,109 S * 2/2007 Mizusugi D18/39
 D537,866 S 3/2007 Matsuda et al.
 D538,330 S 3/2007 Hatanaka et al.
 D544,906 S 6/2007 Alfonso et al.
 D549,770 S * 8/2007 Clark, III D18/39
 D559,892 S 1/2008 Horiguchi et al.
 D580,484 S 11/2008 Ishio
 D582,970 S 12/2008 Mizusugi et al.
 7,548,702 B2 6/2009 Maruyama
 D617,374 S 6/2010 Sasaki et al.
 D626,588 S 11/2010 Kim et al.
 D634,361 S 3/2011 Terenzio et al.
 D641,399 S 7/2011 Penke et al.
 D648,381 S 11/2011 Brown
 D653,704 S 2/2012 Seki et al.
 D660,350 S * 5/2012 Falk D18/53

D664,190 S * 7/2012 Matsuda D18/39
 D664,191 S 7/2012 Saito et al.
 D664,591 S 7/2012 Ohta et al.
 D665,012 S * 8/2012 Saito D18/39
 D667,487 S 9/2012 Falk et al.
 D670,325 S 11/2012 Yoshida
 D674,009 S 1/2013 Yoshida
 D678,941 S 3/2013 Gilbert et al.
 D682,928 S 5/2013 Kim et al.
 D688,742 S 8/2013 Kim et al.
 D692,477 S * 10/2013 Kim D18/53
 D695,339 S * 12/2013 Fukasawa D18/53
 D696,717 S 12/2013 Kim et al.
 D697,964 S 1/2014 Fukasawa et al.
 D699,784 S 2/2014 Penke
 D701,563 S * 3/2014 Kim D18/39
 D702,760 S 4/2014 Kim et al.
 8,725,037 B2 5/2014 Kawamura
 D713,845 S 9/2014 Taniho et al.
 8,873,117 B2 10/2014 Arkawa et al.
 D726,251 S * 4/2015 Kim D18/55
 D727,409 S 4/2015 Saito et al.
 D727,410 S 4/2015 Saito et al.
 D728,011 S 4/2015 Saito
 D741,945 S * 10/2015 Kawata D18/39
 D755,286 S * 5/2016 Kim D18/55
 D763,958 S * 8/2016 Kim D18/53
 D764,576 S * 8/2016 Cho D18/53
 2006/0159498 A1 7/2006 Takiguchi et al.
 2012/0206936 A1 * 8/2012 Okada G03G 15/5016
 362/602
 2012/0327154 A1 12/2012 Mimura
 2014/0147161 A1 5/2014 Matsuno
 2014/0321875 A1 10/2014 Michibata

OTHER PUBLICATIONS

Sharp MX-3570N, Date not available [online], [retrieved Sep. 28, 2016], Retrieved from Internet, URL: <<http://www.atechnj.com/product/sharp-mx-3570n/>>.*
 Design U.S. Appl. No. 29/473,824, filed Nov. 26, 2013, entitled "Copier".
 Design U.S. Appl. No. 29/517,880, filed Feb. 18, 2015, entitled "Copier".
 Office Action dated Oct. 21, 2016 in Design U.S. Appl. No. 29/547,728.

* cited by examiner



FIG. 1

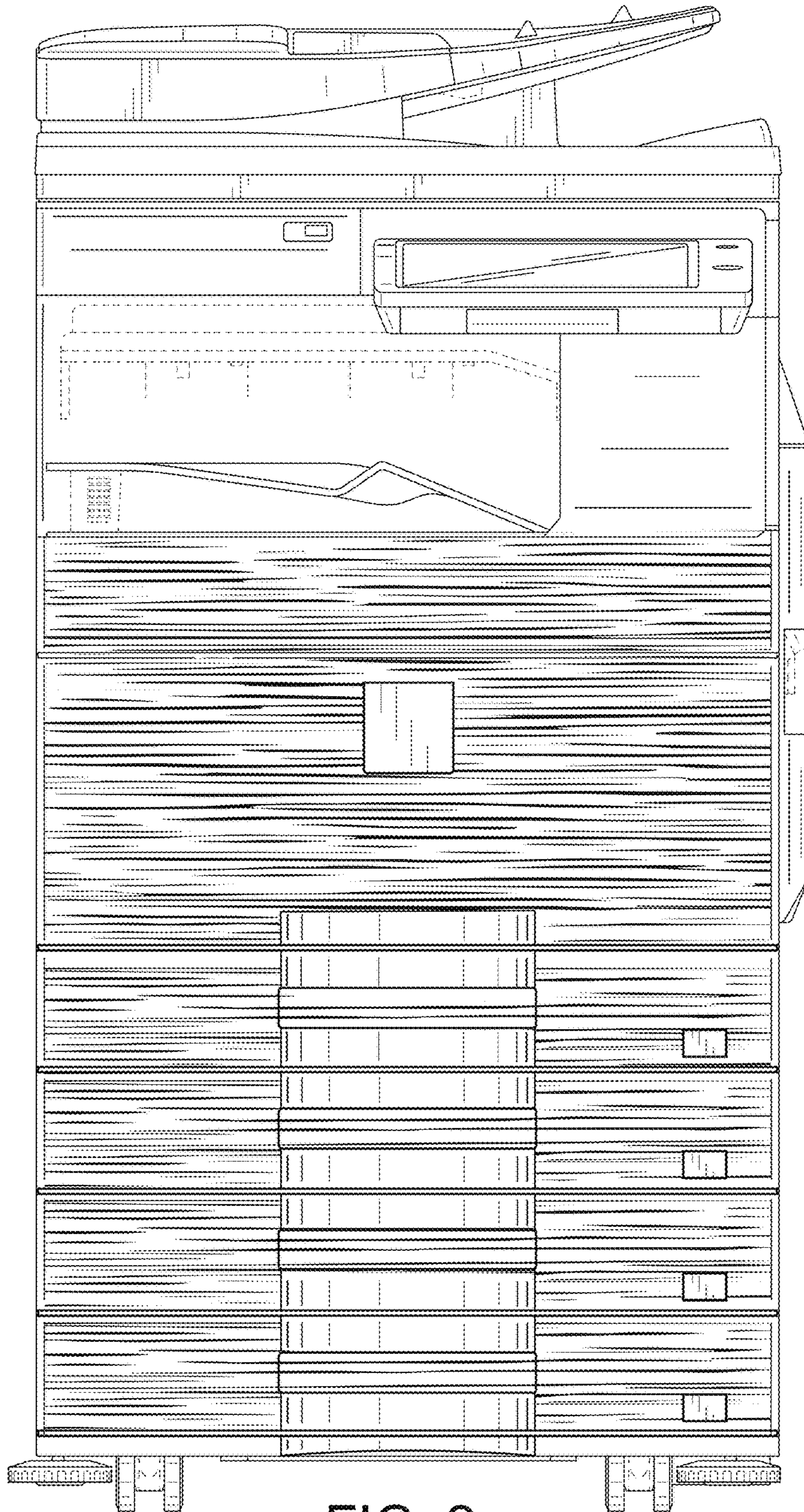


FIG. 2

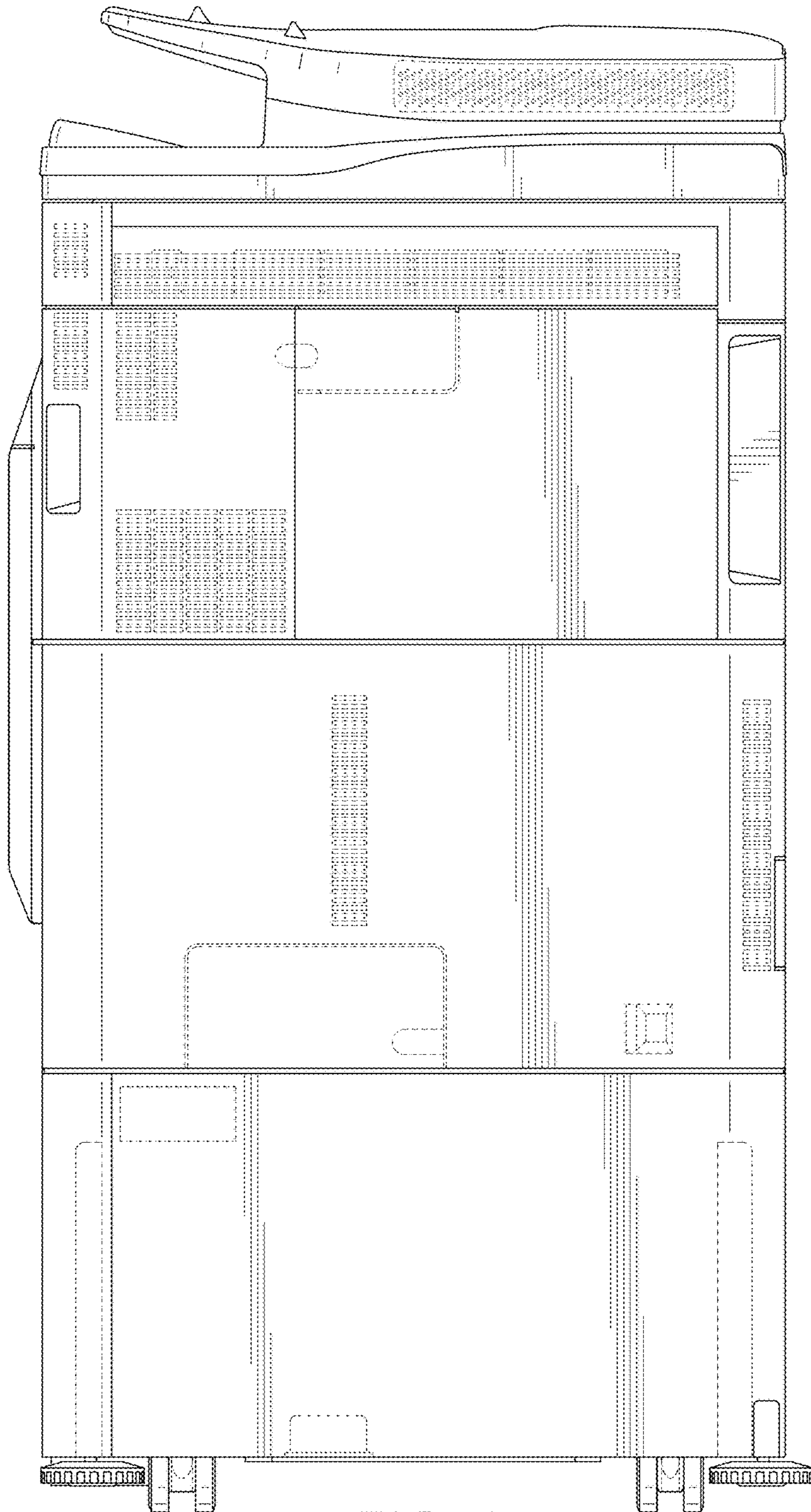


FIG. 3

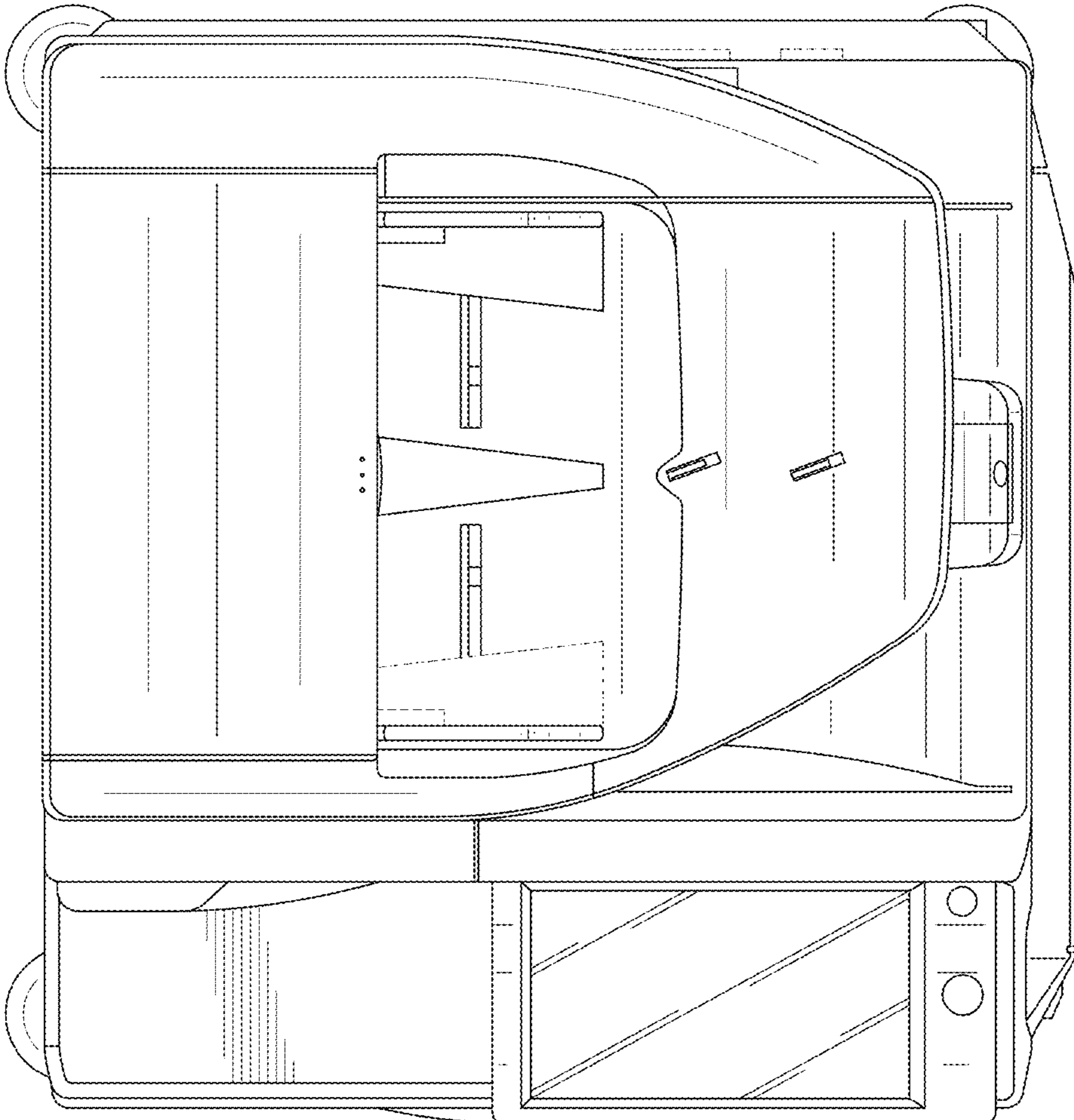


FIG. 4

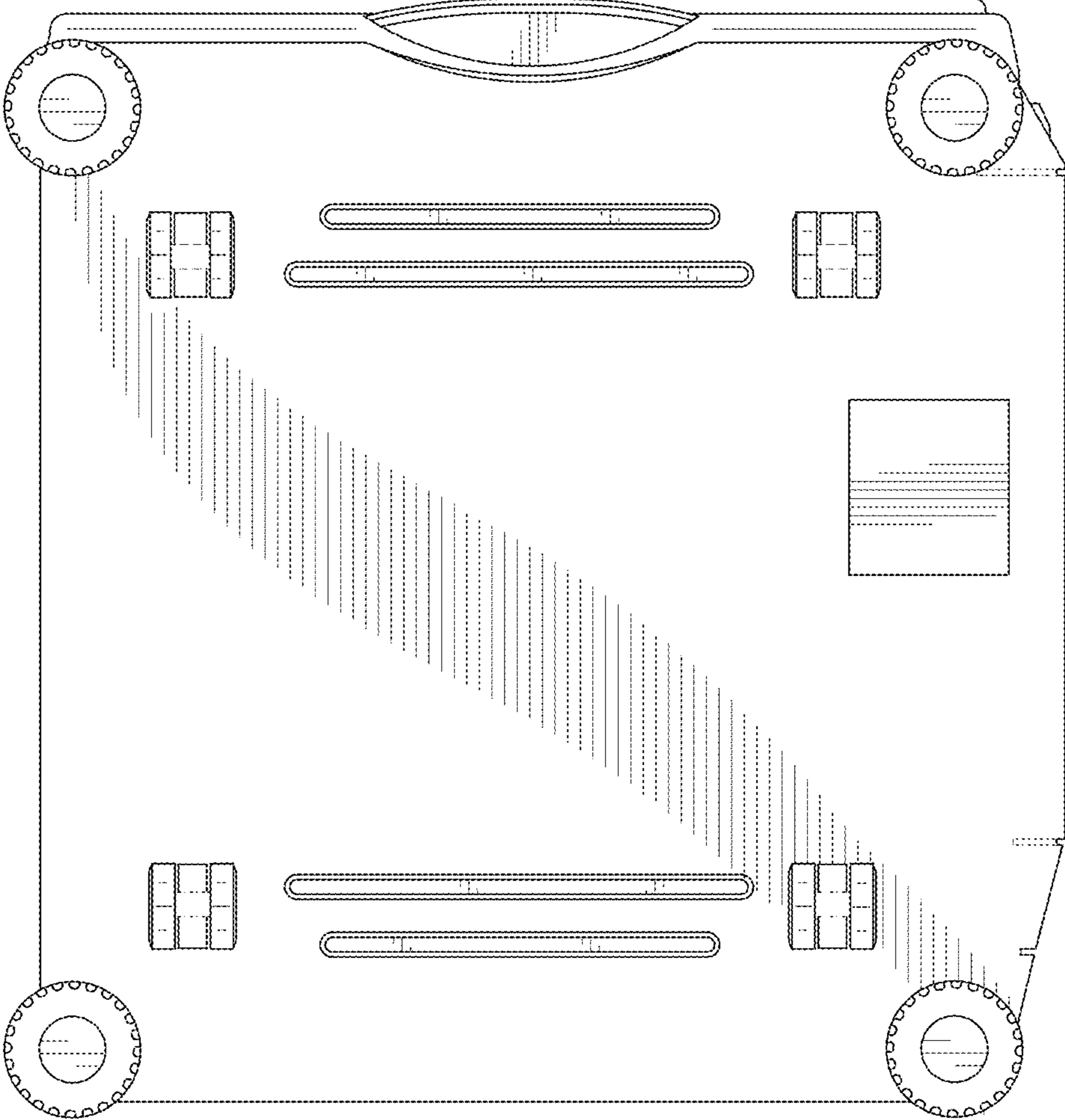


FIG. 5

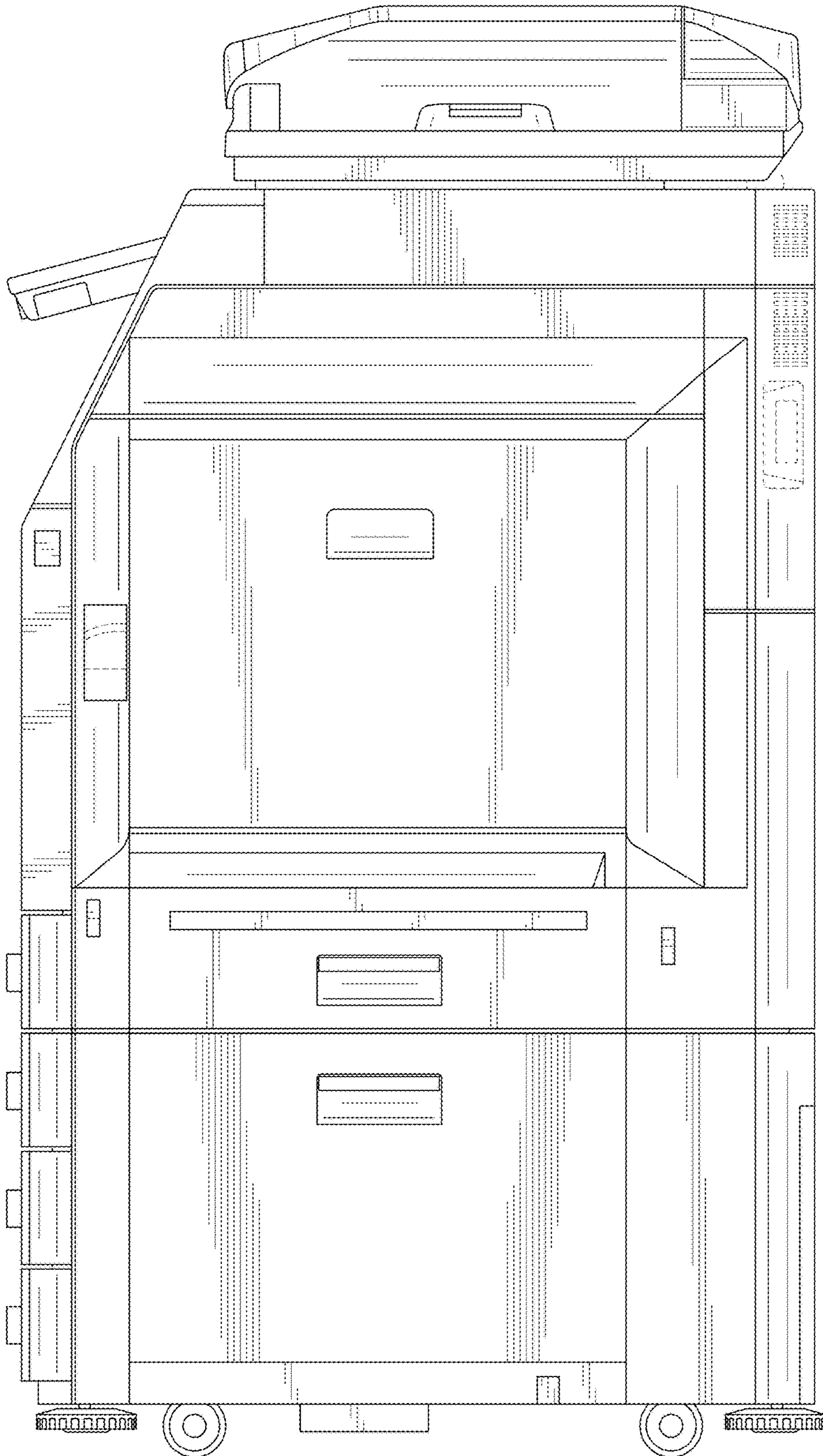


FIG. 6

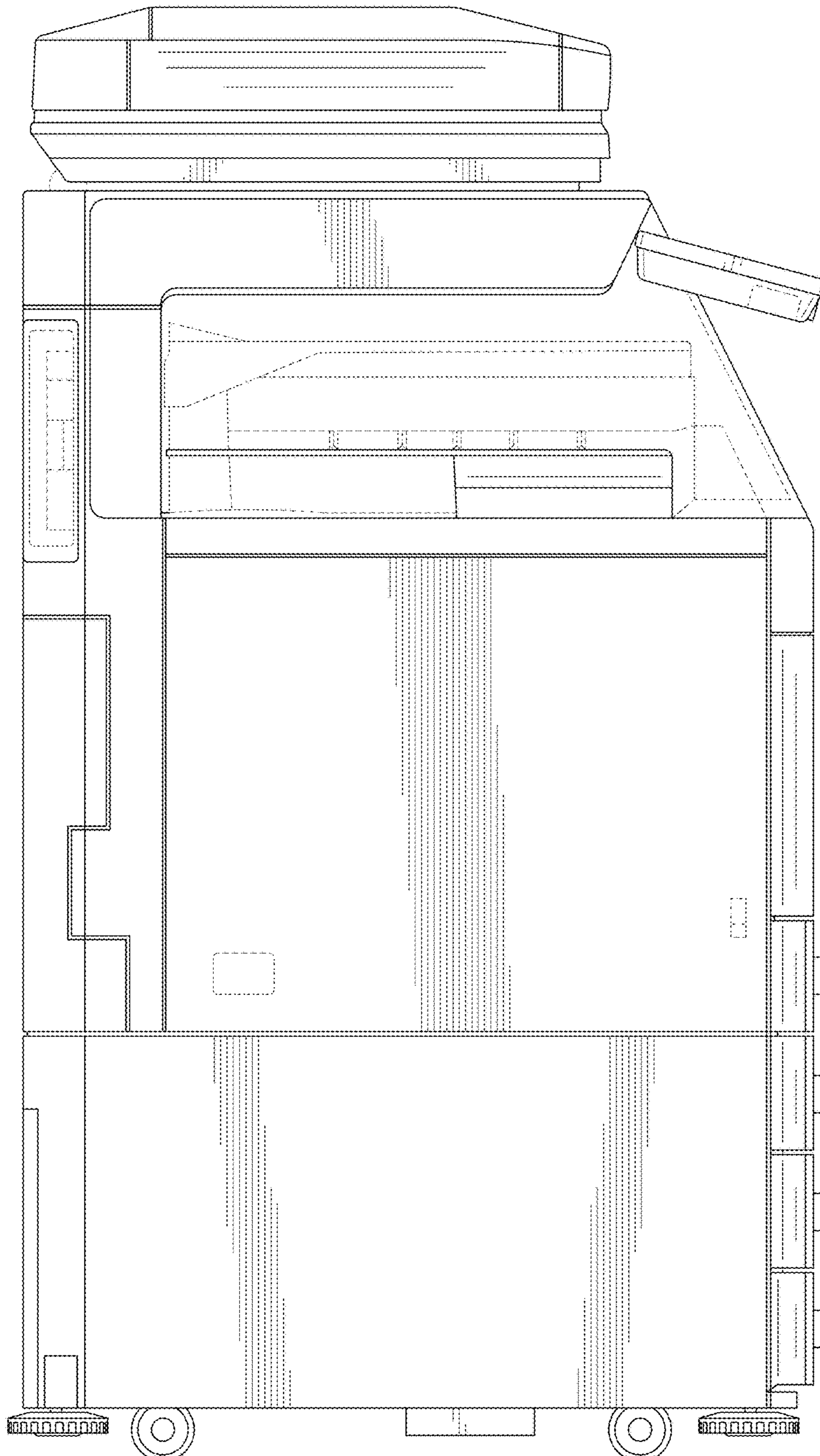


FIG. 7