



US00D756452S

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

(10) **Patent No.:** **US D756,452 S**

(45) **Date of Patent:** **** May 17, 2016**

(54) **CARTRIDGE**

(71) Applicant: **Wilson Tool International Inc.**, White Bear Lake, MN (US)

(72) Inventors: **Jon M. Shimota**, Stillwater, MN (US);
John H. Morehead, New Richmond, WI (US)

(73) Assignee: **WILSON TOOL INTERNATIONAL INC.**, White Bear Lake, MN (US)

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

(21) Appl. No.: **29/498,325**

(22) Filed: **Aug. 1, 2014**

(51) **LOC (10) Cl.** **18-02**

(52) **U.S. Cl.**
USPC **D18/56**

(58) **Field of Classification Search**
USPC D18/12, 40, 43-44, 56; 347/84-87;
360/132

CPC B41J 17/28; B41J 17/30; B41J 17/32;
B41J 21/00; B41J 35/28; B41J 11/44; B41J
31/00; B41J 32/00; B41J 33/14; B41J 35/00;
B41J 35/22; B41J 2/165; B41J 2/175; B41J
2/195; B41J 2/17503; B41J 2/17513

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,788,760 A	1/1974	Daniels	
3,847,078 A	11/1974	Krembel, Jr.	
4,656,463 A	4/1987	Anders et al.	
4,742,470 A	5/1988	Juengel	
4,823,658 A	4/1989	Spicer	
D319,838 S *	9/1991	Kassner et al.	D18/12
5,046,014 A	9/1991	Anjo	
5,201,589 A	4/1993	Chun	
5,215,513 A	6/1993	Maynard	

5,224,915 A	7/1993	Kilian	
5,259,100 A	11/1993	Takahashi	
5,342,276 A	8/1994	Fujiwara	
5,451,195 A	9/1995	Fujiwara	
5,457,484 A	10/1995	Regnault	
D368,275 S *	3/1996	Sakurai et al.	D18/56
5,555,759 A	9/1996	Rosene	
5,575,168 A	11/1996	Rosene	

(Continued)

FOREIGN PATENT DOCUMENTS

DE	8508544 U1	5/1985
EP	0394925 B1	10/1990

(Continued)

OTHER PUBLICATIONS

Dalemark Industries, Inc., "High Resolution Ink Jet Coding System,"
Nov. 25, 2002, 11 pages.

(Continued)

Primary Examiner — Cathy Anne MacCormac
(74) *Attorney, Agent, or Firm* — Fredrikson & Byron, P.A.

(57) **CLAIM**

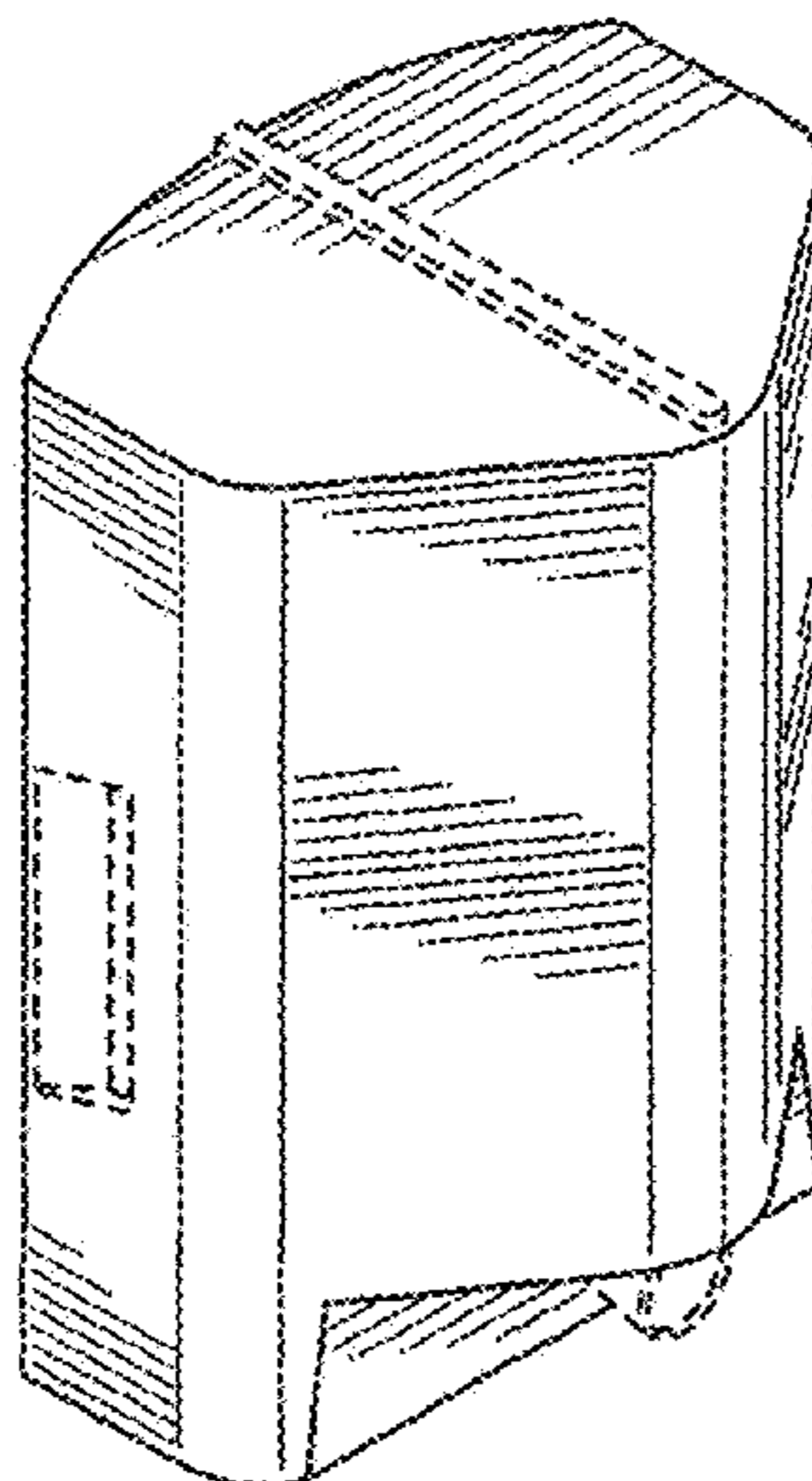
We claim the ornamental design for a cartridge, as shown and described.

DESCRIPTION

FIG. 1 is a perspective of my new design for a cartridge;
FIG. 2 is 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 broken lines depict environmental subject matter and form no part of the claimed design.

1 Claim, 2 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

5,602,703 A * 2/1997 Moore et al. 360/121
 5,682,657 A 11/1997 Hirose
 5,682,782 A 11/1997 Rosene
 5,721,587 A 2/1998 Hirose
 5,808,642 A 9/1998 Zaba
 5,810,704 A 9/1998 Seto
 5,993,090 A 11/1999 Straka
 D451,539 S * 12/2001 Ito et al. D18/43
 D455,778 S * 4/2002 Katsuyama D18/43
 D462,089 S * 8/2002 Trafton et al. D18/56
 D468,346 S * 1/2003 Jeunet D18/56
 6,709,093 B2 * 3/2004 Perkins et al. 347/86
 D511,791 S * 11/2005 Sheldon et al. D18/56
 6,965,439 B1 * 11/2005 Silverbrook et al. 358/1.1
 7,011,613 B2 3/2006 Moller
 7,028,861 B2 * 4/2006 Sayers et al. 222/1
 D530,365 S * 10/2006 Wakayama et al. D18/56
 7,168,364 B2 1/2007 Schneider
 7,171,738 B2 2/2007 Dick et al.
 7,249,478 B2 7/2007 Takehara
 7,287,843 B2 * 10/2007 Muranaka et al. 347/86
 7,290,843 B2 * 11/2007 Uchikata 347/85
 7,367,761 B2 5/2008 Kato
 D575,331 S * 8/2008 Yuen D18/56
 7,437,210 B1 10/2008 Shigefuji
 D586,388 S * 2/2009 Pomfret D18/56
 D587,749 S * 3/2009 Perrill et al. D18/56
 7,614,725 B2 11/2009 Schulmeister
 D611,531 S * 3/2010 Hatasa et al. D18/56
 D634,362 S * 3/2011 Inoue D18/56
 8,020,733 B2 * 9/2011 Snodgrass 222/181.3
 D662,975 S * 7/2012 Hatch et al. D18/56
 8,505,175 B2 8/2013 Lee et al.
 D696,721 S * 12/2013 Kitagawa et al. D18/59
 8,985,165 B2 * 3/2015 Wegman et al. 141/346
 9,033,476 B2 * 5/2015 Kanbe et al. 347/85

FOREIGN PATENT DOCUMENTS

EP 1125682 A2 8/2001
 EP 1219432 A1 7/2002
 EP 1219433 A1 7/2002
 EP 1219439 A1 7/2002
 JP H06-198357 7/1994
 WO 9948694 9/1999

OTHER PUBLICATIONS

EBS Ink-Jet Systems product brochure for Handjet EBS-250, 2005.
 Messer, MG Systems & Welding, Inc., Brochure entitled "Ink Jet Marker, Fast, quiet marking with no damage to the plate surface," copyright 2006 Messer MG Systems & Welding 12061M, Menomonee Falls, WI.
 Rea-Jet, "Features of Performance," Dec. 2002 or earlier, 3 pages.
 Website, <http://www.mg-systems-welding.com/marking.html>, viewed Apr. 18, 2008.
 Website, <http://www.mg-systems-welding.com/inkjet.html>, viewed Apr. 18, 2008.
 Website, <http://www.mg-systems-welding.com/tmc4500.html>, viewed Apr. 18, 2008.
 Website, <http://www.mg-systems-welding.com/mpc2000.html>, viewed Apr. 18, 2008.
 Website, <http://www.mg-systems-welding.com/titan.html>, viewed Apr. 18, 2008.
 Website, <http://www.mg-systems-welding.com/metalmasterplus.html>, viewed Apr. 18, 2008.
 Website, http://www.midaprobing.com/product_en.htm, viewed Apr. 18, 2008.
 Website, http://www.midaprobing.com/Transmission_sys_en.htm, viewed Apr. 18, 2008.
 Website, http://www.midaprobing.com/news_en.htm, viewed Mar. 30, 2007.
 International Search Report and Written Opinion for International Application No. PCT/US2008/061434, dated Jul. 3, 2008, 11 pages.
 Website, <http://www.mg-systems-welding.com/products.html>, viewed Apr. 18, 2008.

* cited by examiner

Fig. 1

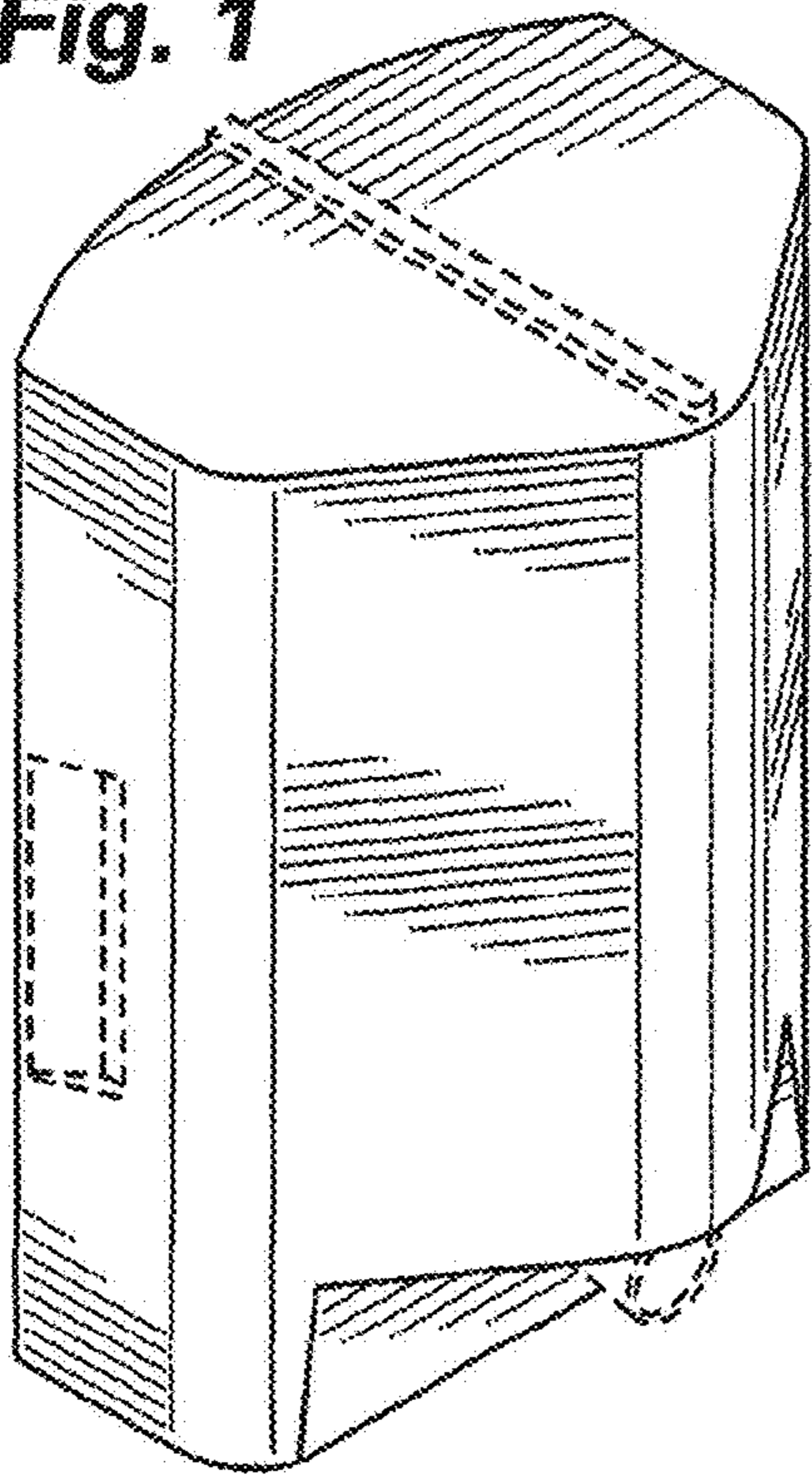


Fig. 2

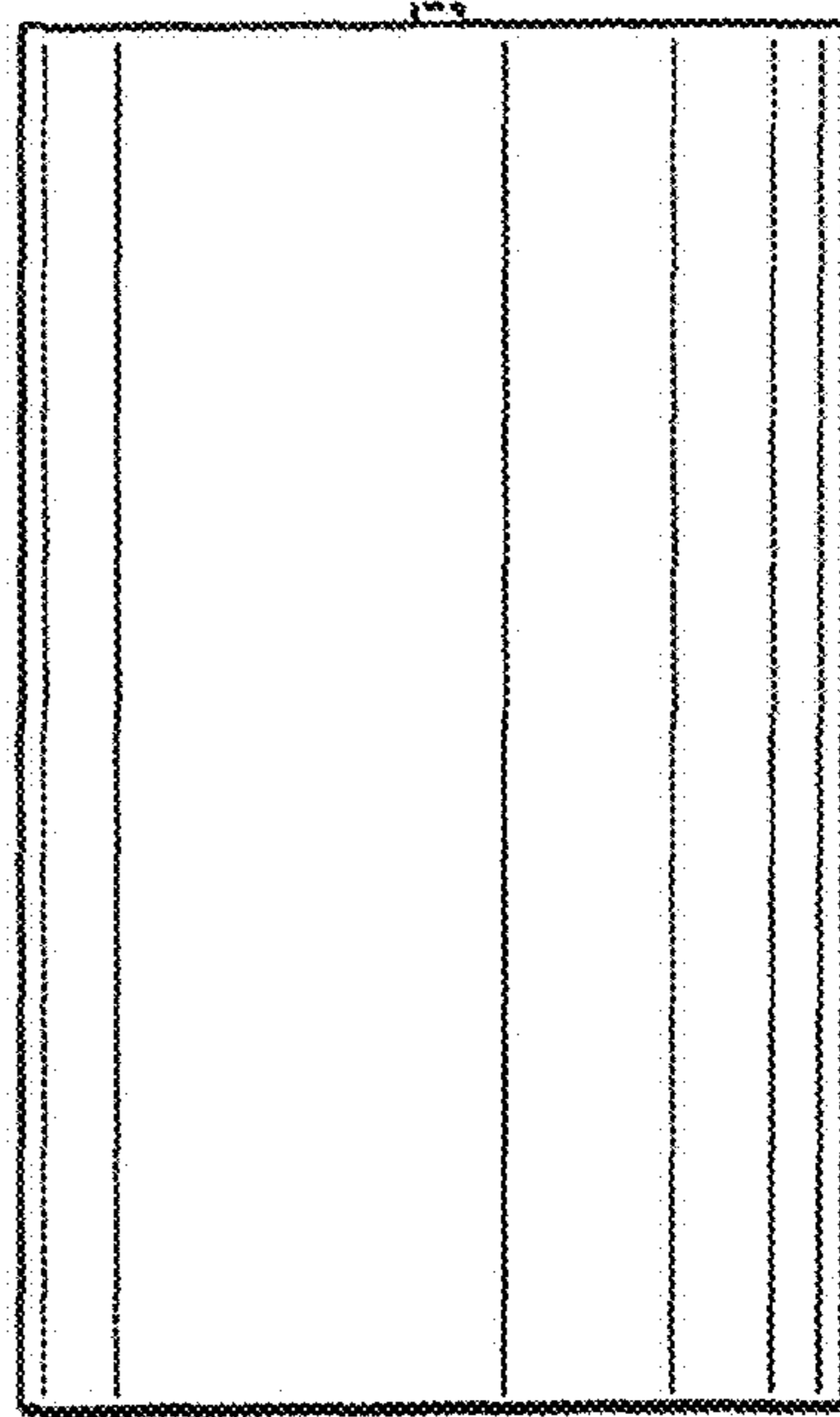


Fig. 3

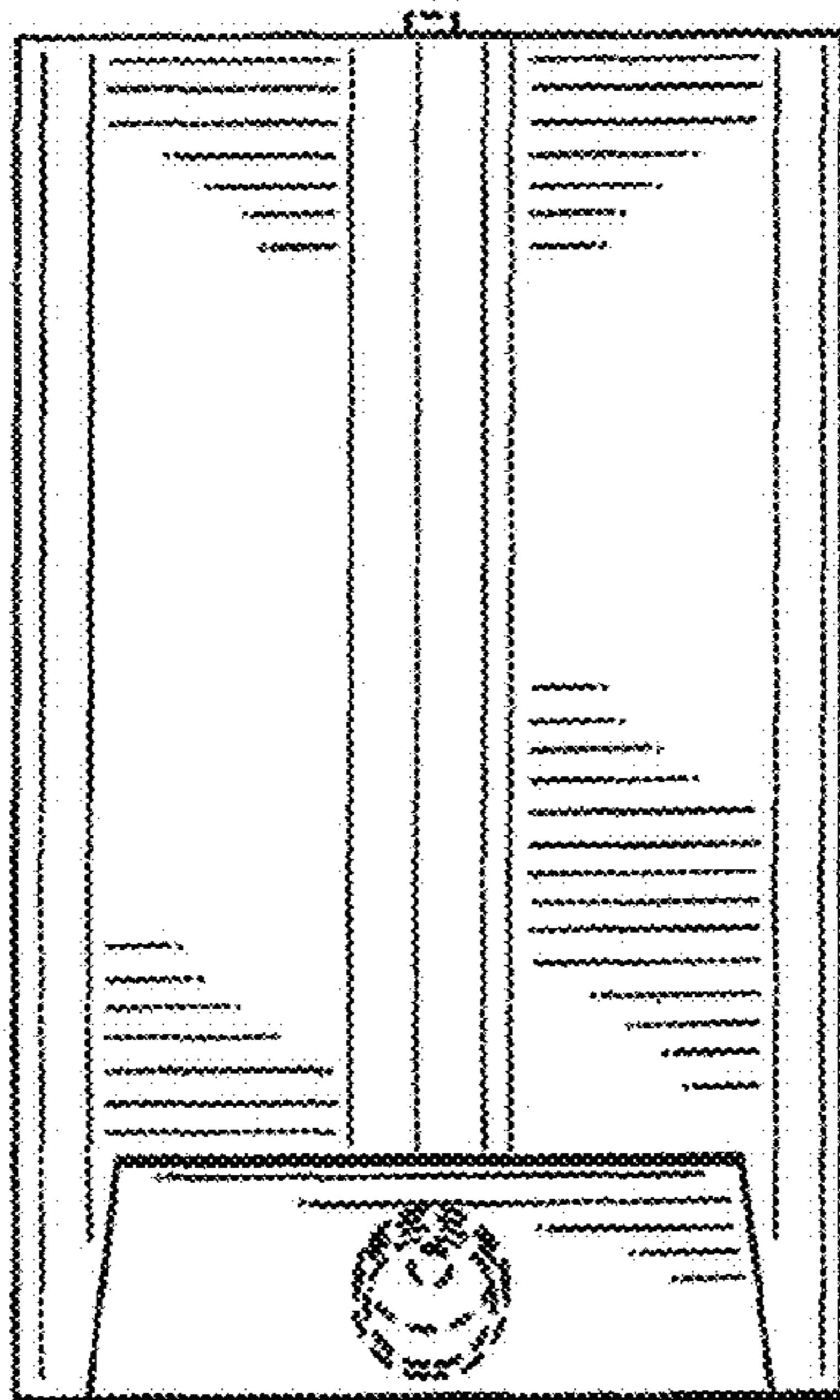


Fig. 4

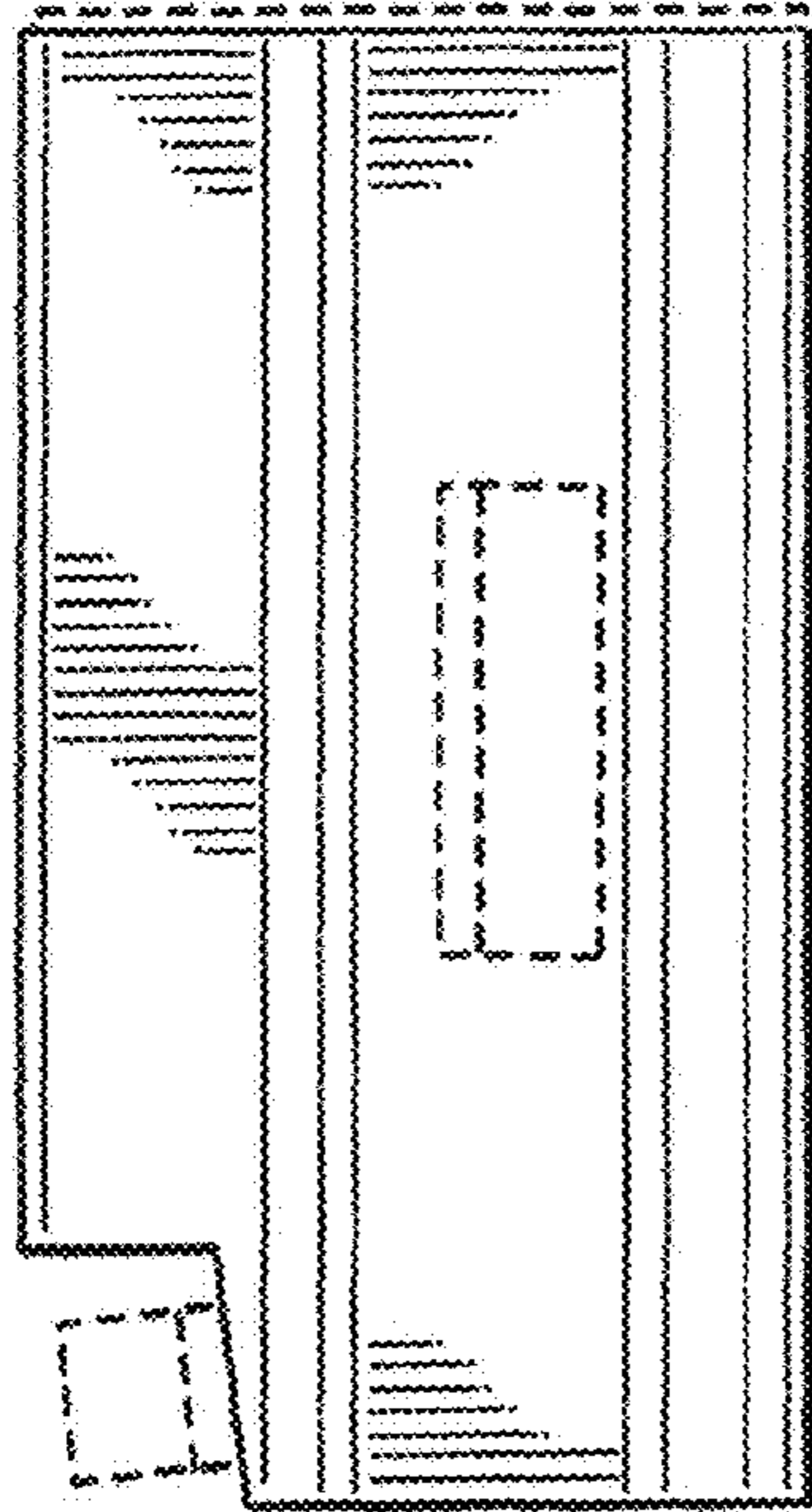


Fig. 5

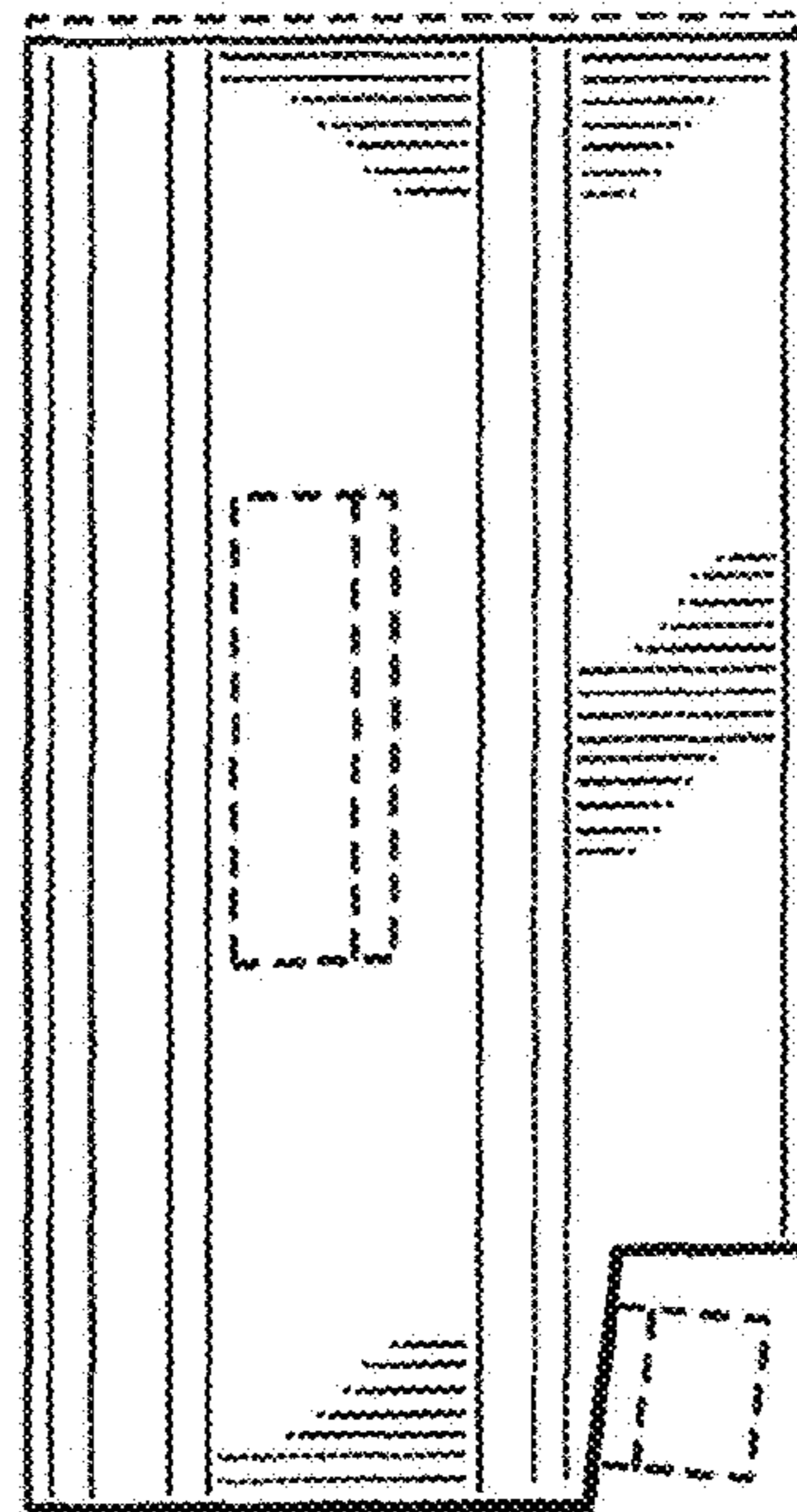


Fig. 6

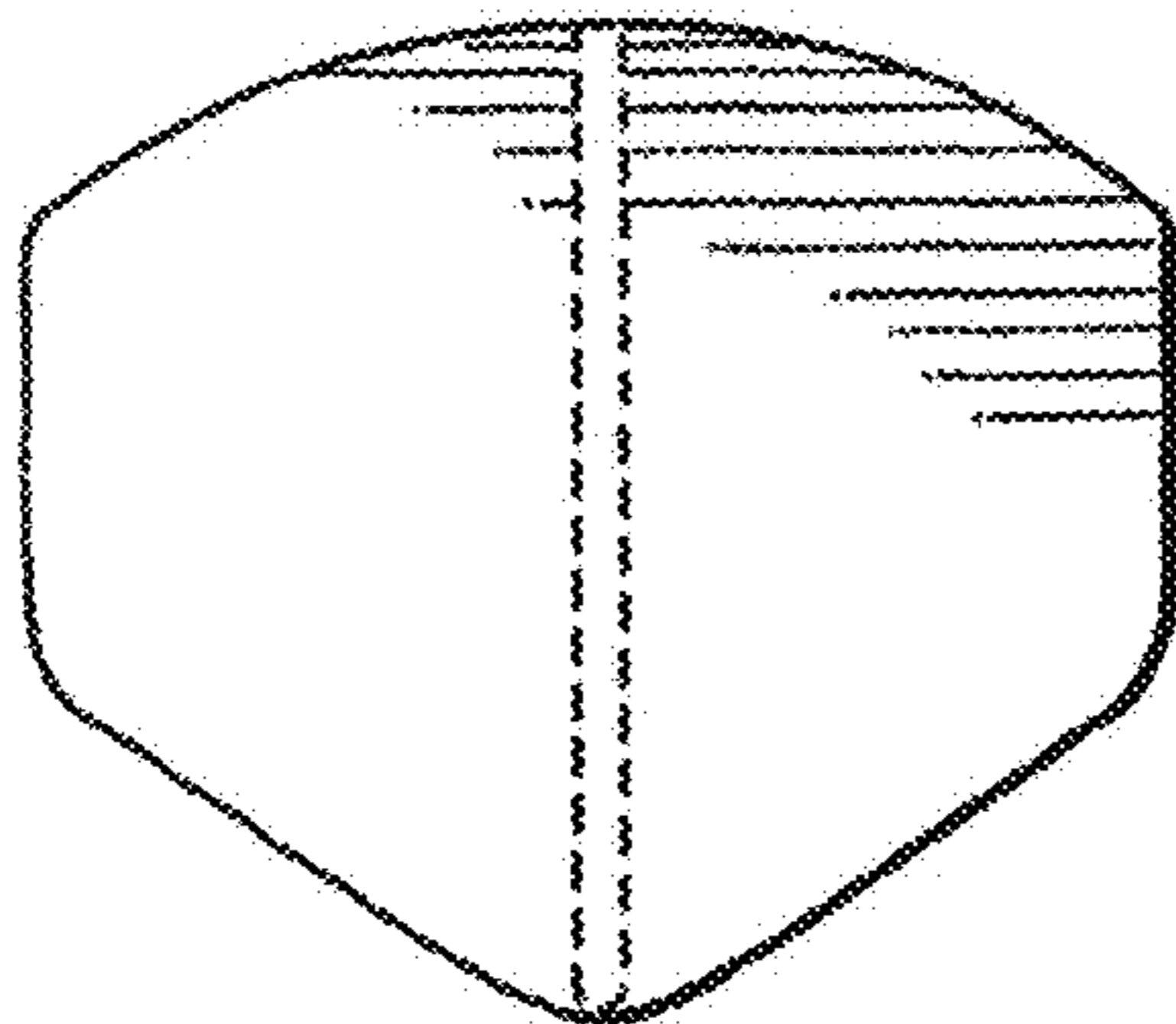


Fig. 7

