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(12) **United States Design Patent** (10) **Patent No.:** **US D838,829 S**  
**Puffer et al.** (45) **Date of Patent:** **\*\* Jan. 22, 2019**

(54) **VENT HOOD**  
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D475,131 S 5/2003 Pilger  
D476,073 S 6/2003 Bourgeois  
D480,712 S 10/2003 Noro  
D480,791 S 10/2003 Phillips  
D481,822 S 11/2003 Wang  
D482,350 S 11/2003 Noro et al.  
D482,778 S 11/2003 Shapiro  
D490,147 S 5/2004 Miura  
D490,509 S 5/2004 Negrao et al.  
D493,447 S 7/2004 Noro et al.  
D493,516 S 7/2004 Harbutt et al.  
D493,907 S 8/2004 Benensohn  
D496,487 S 9/2004 Rhee  
D496,992 S 10/2004 Lafond

(Continued)

**Related U.S. Application Data**

(60) Division of application No. 29/551,882, filed on Jan. 18, 2016, now Pat. No. Des. 826,391, which is a continuation-in-part of application No. 29/527,426, filed on May 19, 2015, now Pat. No. Des. 814,009.  
(51) **LOC (11) Cl.** ..... **23-04**  
(52) **U.S. Cl.**  
USPC ..... **D23/370**; D23/371  
(58) **Field of Classification Search**  
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CPC .... F04D 29/329; F04D 25/082; F04D 29/325;  
F04D 29/703; F04D 29/547  
See application file for complete search history.

**References Cited**

**U.S. PATENT DOCUMENTS**

D450,829 S \* 11/2001 Bothe ..... D23/372  
D461,235 S 8/2002 Arlotta et al.  
D461,995 S 8/2002 Massaloux et al.  
D464,418 S 10/2002 Goncalves et al.  
D464,718 S 10/2002 Wilson  
D465,565 S 11/2002 Twito  
D469,172 S 1/2003 Warren et al.  
D470,233 S 2/2003 Sarkinen et al.  
D470,482 S 2/2003 Ikeda  
D474,299 S 5/2003 Lecluze

**OTHER PUBLICATIONS**

Broan QTX110SL Media Gallery, Broan QTX110SL Combintation Fan, Light, Night-Light, 110 CFM, 0.9 Sones, Humidity Sensing, ventingdirect.com, p. 1.

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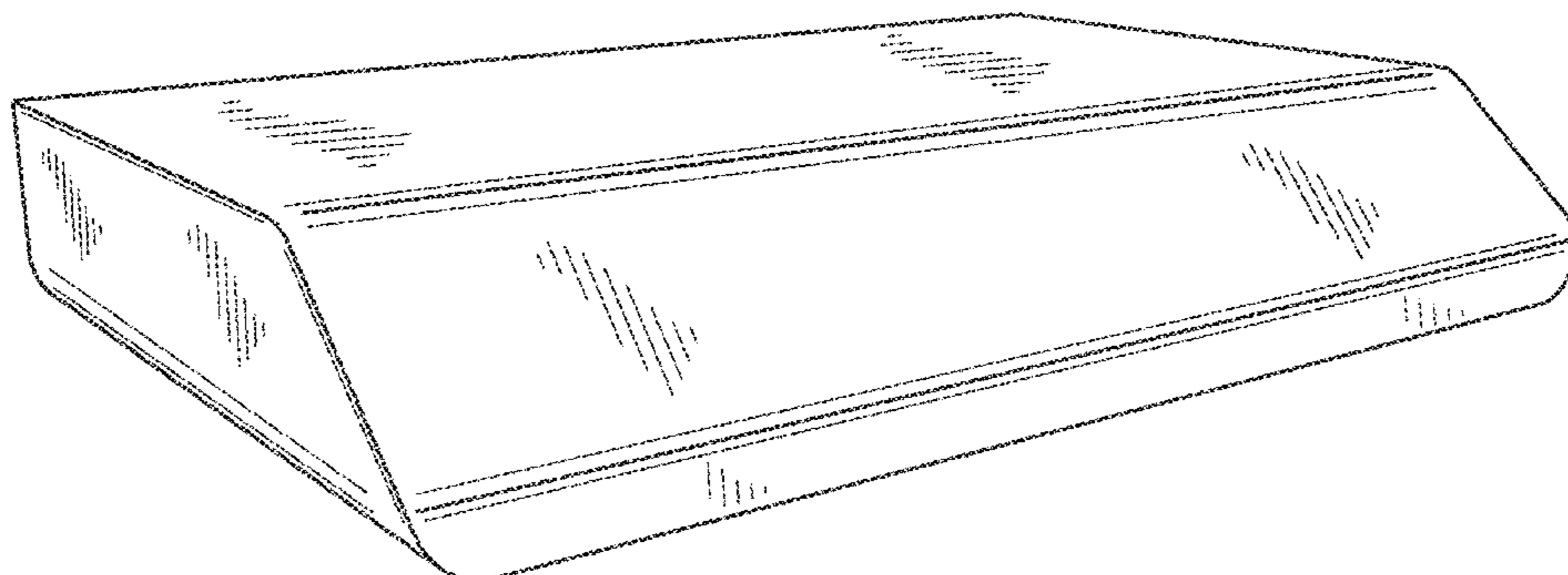
(57) **CLAIM**

The ornamental design for a vent hood, as shown and described.

**DESCRIPTION**

FIG. 1 is a Top Perspective of the invention.  
FIG. 2 is a Bottom Perspective of the invention.  
FIG. 3 is a Top View of the invention.  
FIG. 4 is a Front View of the invention.  
FIG. 5 is a Bottom View of the invention.  
FIG. 6 is a Back View of the invention.  
FIG. 7 is a Left View of the invention; and,  
FIG. 8 is a Right View of the invention.  
Portions shown in broken lines are for environmental purposes but do not constitute a part of the claimed invention.

**1 Claim, 8 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

|              |         |                       |         |              |         |                   |         |
|--------------|---------|-----------------------|---------|--------------|---------|-------------------|---------|
| D499,505 S   | 12/2004 | Benensohn             |         | D581,517 S   | 11/2008 | Koury et al.      |         |
| D502,097 S * | 2/2005  | Holthaus .....        | D9/430  | D584,393 S   | 1/2009  | Miyake et al.     |         |
| D503,689 S   | 4/2005  | Saucier               |         | D584,394 S   | 1/2009  | Miyake et al.     |         |
| D509,733 S * | 9/2005  | Jongens .....         | D9/420  | D585,129 S   | 1/2009  | Huang             |         |
| D510,151 S   | 9/2005  | Rashidi               |         | D587,797 S   | 3/2009  | Blanchard         |         |
| D510,432 S   | 10/2005 | Bargiel               |         | D588,257 S   | 3/2009  | Reedy             |         |
| D510,996 S   | 10/2005 | Vladika               |         | D588,688 S   | 3/2009  | Lablaine          |         |
| D511,379 S   | 11/2005 | Penlesky et al.       |         | D589,605 S   | 3/2009  | Reedy et al.      |         |
| D512,503 S   | 12/2005 | Roland                |         | D594,956 S * | 6/2009  | Blanchette .....  | D23/372 |
| D513,072 S   | 12/2005 | Berg                  |         | D595,402 S   | 6/2009  | Miyake et al.     |         |
| D514,221 S   | 1/2006  | Vladika               |         | D595,830 S   | 7/2009  | Deng              |         |
| D514,732 S   | 2/2006  | Benensohn             |         | D601,281 S   | 9/2009  | Howard et al.     |         |
| D521,145 S   | 5/2006  | Craw et al.           |         | D602,146 S   | 10/2009 | Olesen            |         |
| D530,808 S   | 10/2006 | Sinur et al.          |         | D602,193 S   | 10/2009 | Soderman et al.   |         |
| D531,301 S   | 10/2006 | Sinur et al.          |         | D604,834 S   | 11/2009 | Ungar             |         |
| D532,095 S   | 11/2006 | Calkins               |         | D606,696 S   | 12/2009 | Chen et al.       |         |
| D532,247 S   | 11/2006 | Copeland              |         | D607,600 S   | 1/2010  | Keith             |         |
| D532,507 S * | 11/2006 | Vetter .....          | D23/372 | D609,321 S   | 2/2010  | Tomasulo          |         |
| D533,956 S   | 12/2006 | Vladika               |         | D609,803 S   | 2/2010  | Ungar             |         |
| D534,301 S   | 12/2006 | Roland                |         | D609,840 S   | 2/2010  | Tang              |         |
| D535,431 S   | 1/2007  | Roland                |         | D617,441 S   | 6/2010  | Koury et al.      |         |
| D535,433 S   | 1/2007  | Craw et al.           |         | D617,889 S   | 6/2010  | Miyake            |         |
| D535,434 S   | 1/2007  | Fischer et al.        |         | D618,782 S   | 6/2010  | Zakula et al.     |         |
| D536,778 S   | 2/2007  | O'Hagin               |         | D621,491 S   | 8/2010  | Tsuji             |         |
| D537,511 S   | 2/2007  | Nagahori              |         | D622,033 S   | 8/2010  | Lambetz           |         |
| D538,422 S   | 3/2007  | Hooijmaaijers         |         | D628,737 S   | 12/2010 | Van Den Akker     |         |
| D539,404 S   | 3/2007  | Nagahori              |         | D629,561 S   | 12/2010 | Kim et al.        |         |
| D539,887 S   | 4/2007  | Kato et al.           |         | D631,144 S   | 1/2011  | Tsuji             |         |
| D539,888 S   | 4/2007  | Tsuji                 |         | D631,188 S   | 1/2011  | Lovegrove         |         |
| D541,405 S   | 4/2007  | Snyder                |         | D632,380 S   | 2/2011  | Kim et al.        |         |
| D541,689 S   | 5/2007  | Meyers et al.         |         | D635,238 S   | 3/2011  | Zakula et al.     |         |
| D541,927 S   | 5/2007  | Yamanaka et al.       |         | D636,482 S   | 4/2011  | LeMay             |         |
| D543,270 S   | 5/2007  | Miura et al.          |         | D636,611 S   | 4/2011  | Duma              |         |
| D544,618 S   | 6/2007  | Coushaine             |         | D638,925 S   | 5/2011  | Charlebois et al. |         |
| D545,487 S   | 6/2007  | Bynum                 |         | D642,667 S   | 8/2011  | Irwin             |         |
| D547,853 S   | 7/2007  | Pilon et al.          |         | D646,417 S   | 8/2011  | Wauters           |         |
| D550,043 S   | 7/2007  | Brattoli              |         | D648,135 S   | 11/2011 | Lee               |         |
| D550,344 S   | 9/2007  | Weggelaar             |         | D648,471 S   | 11/2011 | Wauters           |         |
| D550,660 S   | 9/2007  | Noro et al.           |         | D653,323 S   | 1/2012  | Jacak             |         |
| D551,750 S   | 9/2007  | Wefler                |         | D654,998 S   | 2/2012  | Zakula et al.     |         |
| D553,235 S   | 10/2007 | Herbst et al.         |         | D655,403 S   | 3/2012  | Zakula et al.     |         |
| D553,727 S   | 10/2007 | Kato et al.           |         | D655,804 S   | 3/2012  | Platt             |         |
| D553,905 S   | 10/2007 | Orr, Jr.              |         | D655,850 S   | 3/2012  | Sabernig          |         |
| D555,777 S   | 11/2007 | Aveldson              |         | D655,855 S   | 3/2012  | Sabernig          |         |
| D561,887 S   | 2/2008  | Friedman et al.       |         | D656,264 S   | 3/2012  | Janssen           |         |
| D563,539 S   | 3/2008  | Sinur et al.          |         | D657,036 S   | 4/2012  | Vetu et al.       |         |
| D565,716 S   | 4/2008  | Jacak                 |         | D657,858 S   | 4/2012  | Platt             |         |
| D565,717 S   | 4/2008  | Jacak et al.          |         | D658,603 S   | 5/2012  | Egawa et al.      |         |
| D565,722 S   | 4/2008  | Hollingsworth et al.  |         | D658,604 S   | 5/2012  | Egawa et al.      |         |
| D566,257 S   | 4/2008  | Deng                  |         | D662,648 S   | 6/2012  | Whiting et al.    |         |
| D566,262 S   | 4/2008  | Zakula et al.         |         | D663,880 S   | 7/2012  | Janssen           |         |
| D566,912 S   | 4/2008  | Reick-Mitrisin et al. |         | D663,881 S   | 7/2012  | Janssen           |         |
| D567,352 S   | 4/2008  | Hollingsworth et al.  |         | D664,369 S   | 7/2012  | Duma              |         |
| D567,353 S   | 4/2008  | Hollingsworth et al.  |         | D665,225 S   | 8/2012  | Zakula et al.     |         |
| D567,354 S   | 4/2008  | Jacak et al.          |         | D672,079 S   | 12/2012 | Kong              |         |
| D567,355 S   | 4/2008  | Zakula et al.         |         | D678,010 S   | 3/2013  | Sudmalis          |         |
| D567,434 S   | 4/2008  | Itiravivong           |         | D678,497 S   | 3/2013  | Tom               |         |
| D567,435 S   | 4/2008  | Kim et al.            |         | D678,995 S   | 3/2013  | Hoshino et al.    |         |
| D567,692 S   | 4/2008  | Meyers et al.         |         | D679,046 S   | 3/2013  | Hoshino et al.    |         |
| D567,931 S   | 4/2008  | Hollingsworth et al.  |         | D681,794 S   | 5/2013  | Lin et al.        |         |
| D567,932 S   | 4/2008  | Hollingsworth et al.  |         | D682,455 S   | 5/2013  | Apetauer et al.   |         |
| D567,933 S   | 4/2008  | Hollingsworth et al.  |         | D685,947 S   | 7/2013  | Pyle              |         |
| D568,460 S   | 5/2008  | Jacak et al.          |         | D690,869 S   | 10/2013 | Katz et al.       |         |
| D569,492 S   | 5/2008  | Zakula et al.         |         | D699,831 S * | 2/2014  | Funnell, II ..... | D23/371 |
| D570,465 S   | 6/2008  | Miyake et al.         |         | D701,952 S   | 4/2014  | Hoshino et al.    |         |
| D571,453 S   | 6/2008  | Hsu et al.            |         | D702,827 S   | 4/2014  | Mase et al.       |         |
| D574,478 S   | 8/2008  | Miyake et al.         |         | D704,318 S   | 5/2014  | Martel            |         |
| D575,386 S   | 8/2008  | Jacak et al.          |         | D705,409 S   | 5/2014  | Hagiwara          |         |
| D575,387 S   | 8/2008  | Zakula et al.         |         | D705,417 S * | 5/2014  | Lin .....         | D23/371 |
| D575,389 S   | 8/2008  | Lazzara               |         | D706,404 S   | 6/2014  | Tsuji             |         |
| D577,431 S   | 9/2008  | Miyake et al.         |         | D706,916 S   | 6/2014  | Penlesky et al.   |         |
| D577,805 S   | 9/2008  | Adrian et al.         |         | D709,170 S   | 7/2014  | Tsuji             |         |
| D578,811 S   | 10/2008 | Gervasi               |         | D710,000 S   | 7/2014  | Moreno            |         |
| D581,508 S   | 11/2008 | Miyake et al.         |         | D713,952 S   | 9/2014  | Jepson            |         |
| D581,516 S   | 11/2008 | Koury et al.          |         | D716,772 S   | 11/2014 | Cavero et al.     |         |
|              |         |                       |         | D717,933 S   | 11/2014 | McClelland et al. |         |
|              |         |                       |         | D718,086 S   | 11/2014 | Lewis et al.      |         |
|              |         |                       |         | D718,434 S   | 11/2014 | Diamond           |         |
|              |         |                       |         | D718,762 S   | 12/2014 | Aarrestad et al.  |         |

(56)

References Cited

U.S. PATENT DOCUMENTS

|              |         |                    |         |                   |         |               |                           |
|--------------|---------|--------------------|---------|-------------------|---------|---------------|---------------------------|
| D720,442 S   | 12/2014 | Kosuge             |         | D751,189 S        | 3/2016  | Suzuki et al. |                           |
| D725,624 S   | 3/2015  | Carney et al.      |         | D751,247 S        | 3/2016  | Reynolds      |                           |
| D728,772 S   | 5/2015  | Santeler et al.    |         | D752,201 S        | 3/2016  | Herbst        |                           |
| D730,510 S   | 5/2015  | Schanzenbach       |         | D753,869 S        | 4/2016  | Prijic        |                           |
| D732,156 S   | 6/2015  | Penlesky et al.    |         | D754,319 S *      | 4/2016  | Park .....    | D23/385                   |
| D733,861 S   | 7/2015  | Haaf et al.        |         | D755,942 S        | 5/2016  | Kim           |                           |
| D733,863 S   | 7/2015  | Funnell, II et al. |         | D758,559 S *      | 6/2016  | Sinur .....   | D23/372                   |
| D737,137 S * | 8/2015  | Exner .....        | D9/432  | D759,800 S        | 6/2016  | Adrian et al. |                           |
| D738,482 S   | 9/2015  | Lin et al.         |         | D771,231 S        | 11/2016 | Chen et al.   |                           |
| D738,538 S   | 9/2015  | Lillejord          |         | D778,424 S        | 2/2017  | Jonas et al.  |                           |
| D739,928 S   | 9/2015  | Raisanen           |         | D778,425 S        | 2/2017  | Jonas et al.  |                           |
| D739,977 S   | 9/2015  | Boyer et al.       |         | D779,050 S        | 2/2017  | Jonas et al.  |                           |
| D741,463 S   | 10/2015 | Hauville et al.    |         | D784,511 S        | 4/2017  | Jonas et al.  |                           |
| D741,648 S   | 10/2015 | Wahl               |         | D784,512 S        | 4/2017  | Jonas et al.  |                           |
| D742,494 S   | 11/2015 | Kouketsu et al.    |         | D804,627 S *      | 12/2017 | Puffer .....  | D23/371                   |
| D743,520 S * | 11/2015 | Sinur .....        | D23/372 | D808,001 S *      | 1/2018  | Berkman ..... | D23/371                   |
| D744,628 S   | 12/2015 | Alexander          |         | D814,009 S *      | 3/2018  | Puffer .....  | D23/371                   |
| D745,131 S * | 12/2015 | Sinur .....        | D23/372 | D826,392 S *      | 8/2018  | Sinur .....   | D23/372                   |
| D745,652 S   | 12/2015 | Berkman et al.     |         | 2007/0256681 A1 * | 11/2007 | Chiang .....  | F24C 15/2071<br>126/299 R |
| D746,424 S   | 12/2015 | Takahashi et al.   |         | 2008/0190411 A1 * | 8/2008  | Chiang .....  | F24C 15/2035<br>126/299 R |
| D746,427 S   | 12/2015 | Mecker             |         | 2011/0036340 A1 * | 2/2011  | Chu .....     | F24C 15/20<br>126/299 D   |
| D746,970 S * | 1/2016  | Sandusky .....     | D23/371 | 2013/0087133 A1 * | 4/2013  | Davis .....   | F24C 15/20<br>126/299 D   |
| D747,141 S   | 1/2016  | Wahl               |         |                   |         |               |                           |
| D747,314 S * | 1/2016  | Sandusky .....     | D23/371 |                   |         |               |                           |
| D747,576 S   | 1/2016  | Fjellman           |         |                   |         |               |                           |

\* cited by examiner

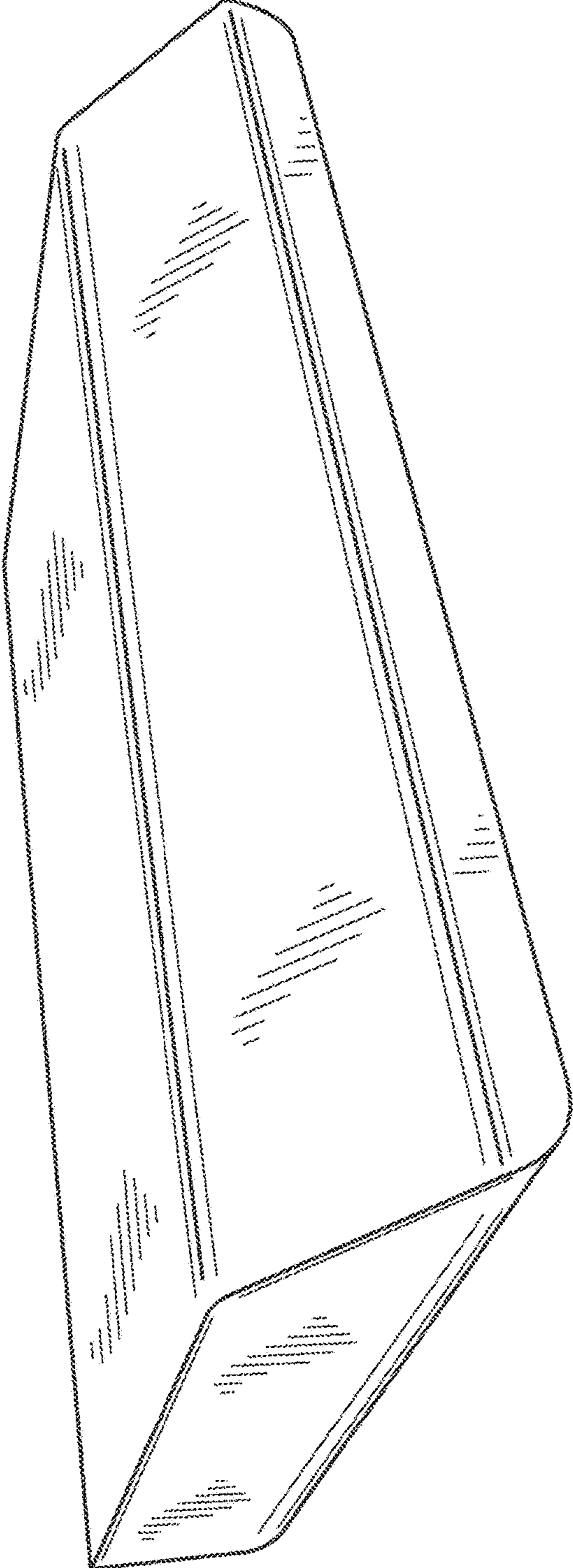


FIG. 1

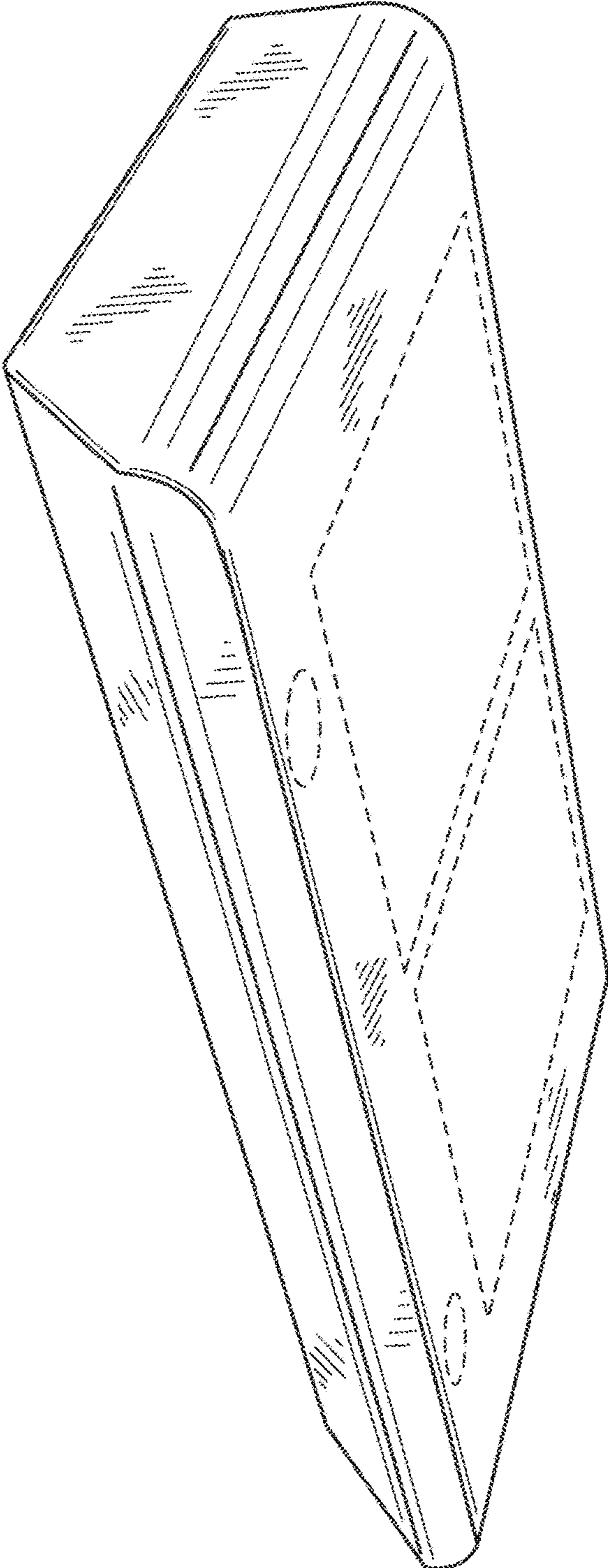


FIG. 2

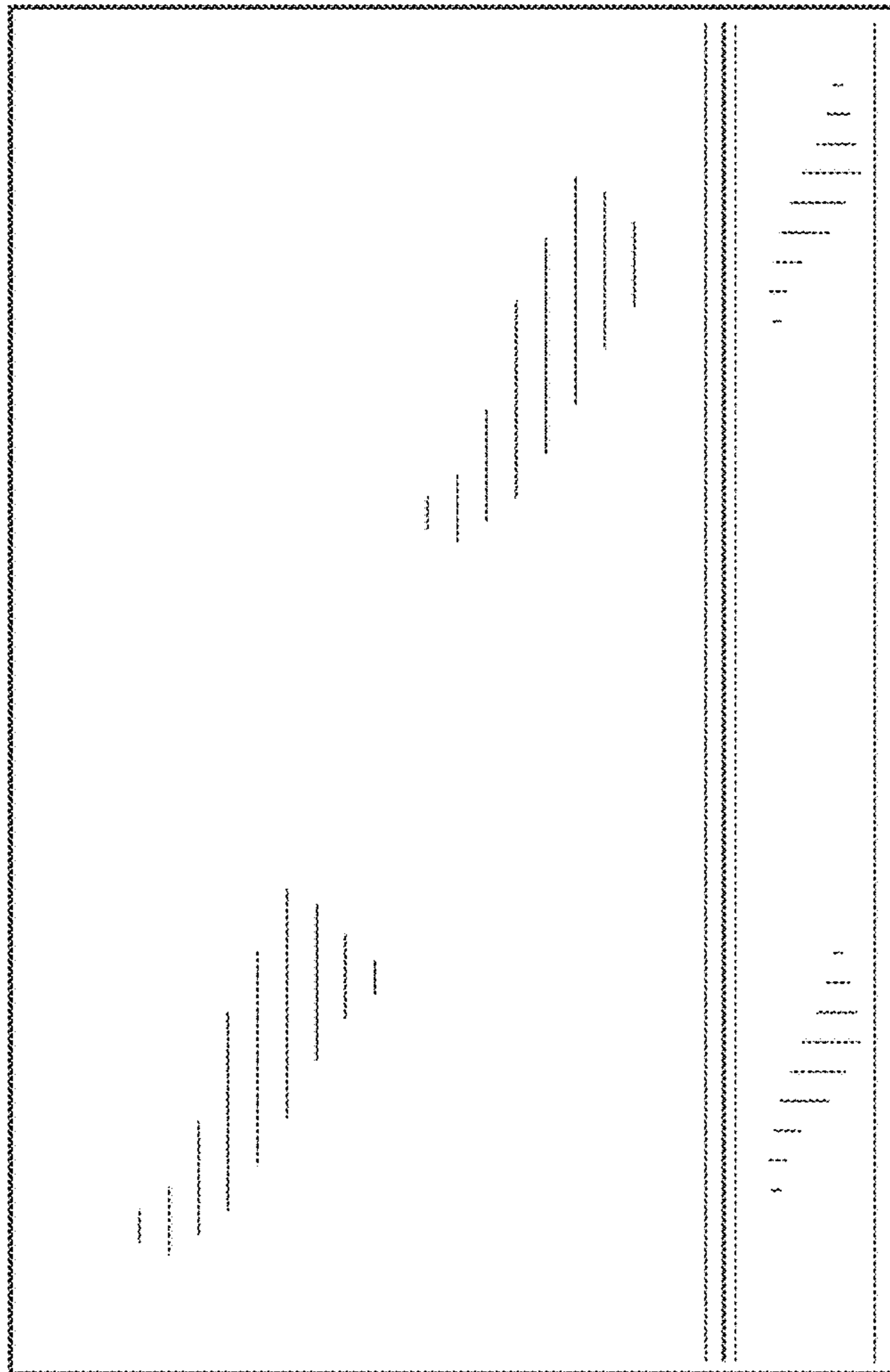
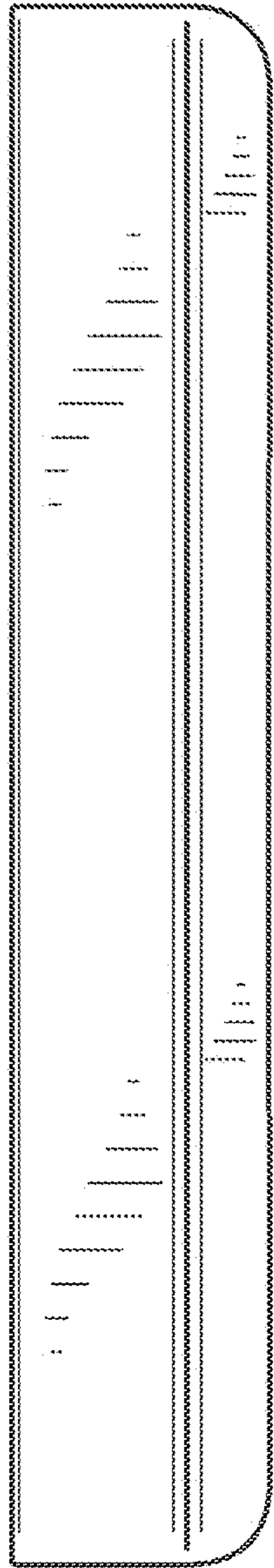


FIG. 3



**FIG. 4**

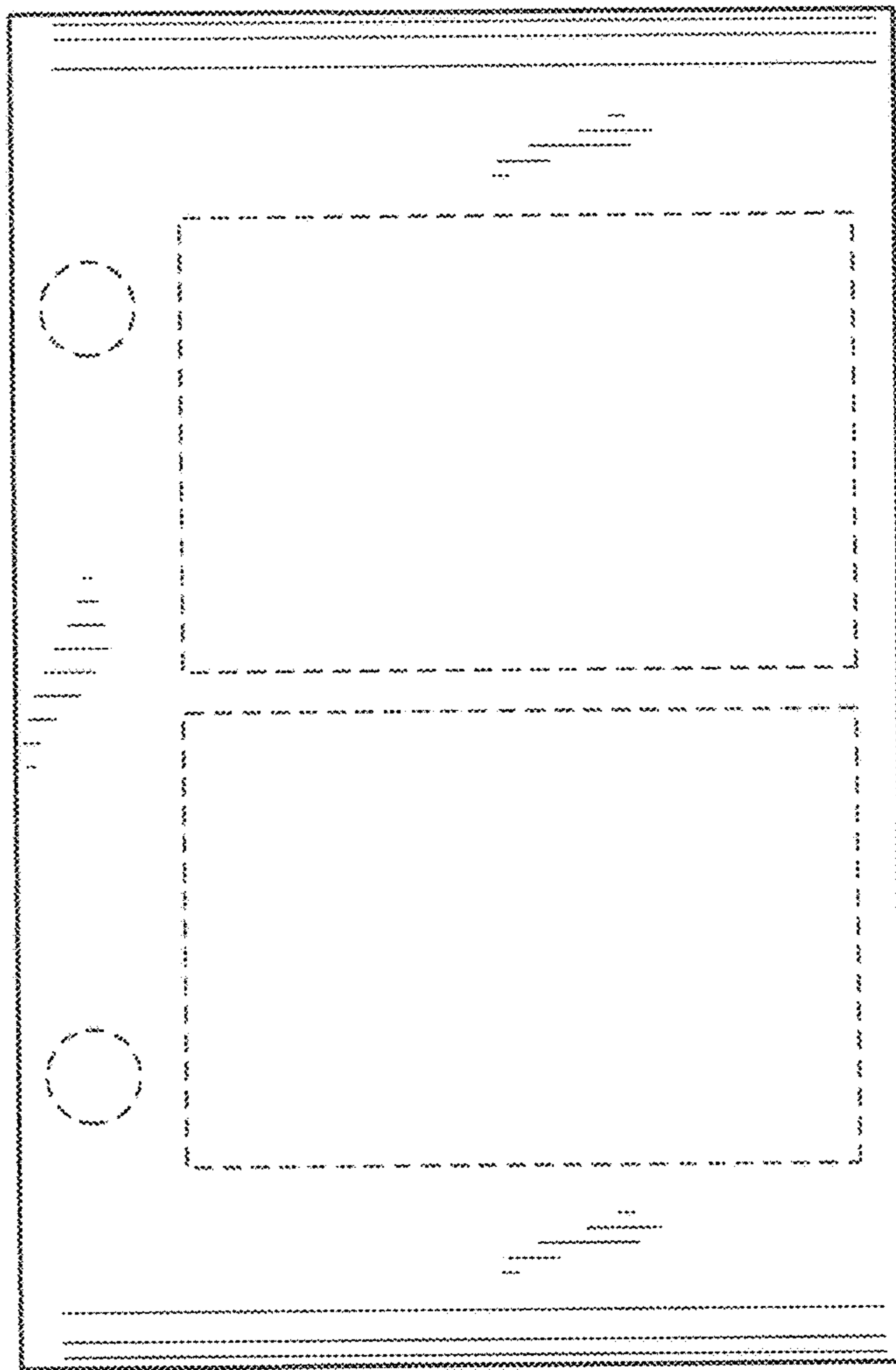


FIG. 5



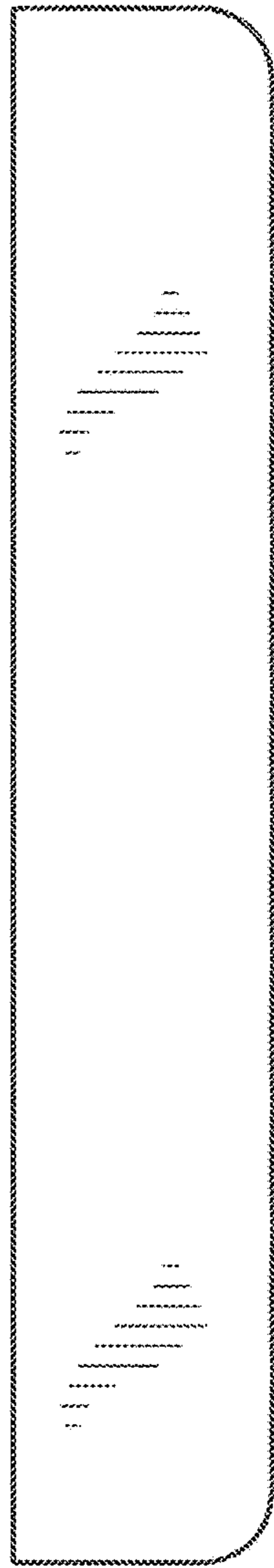
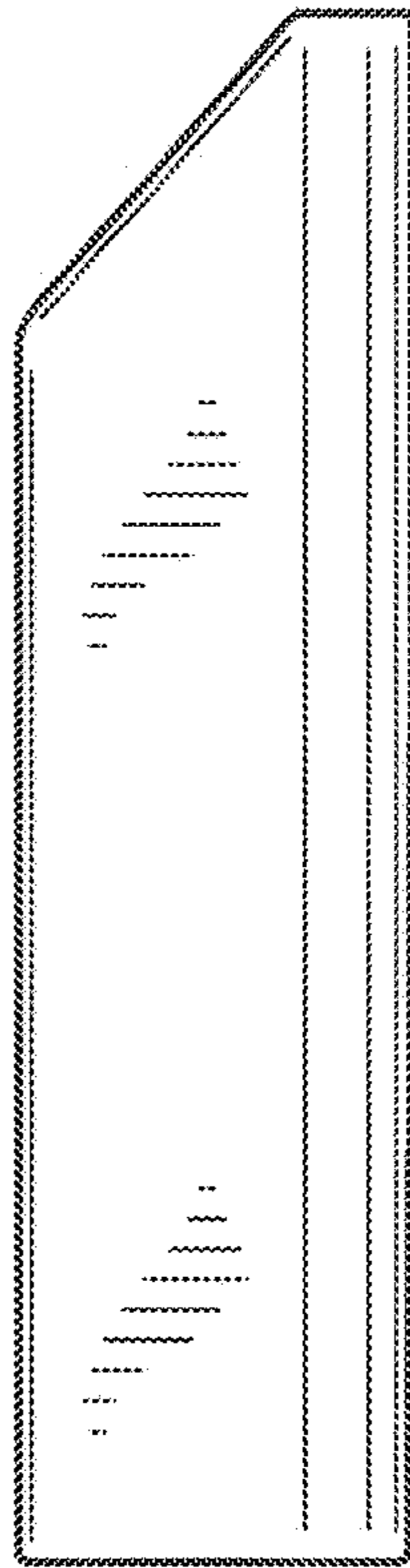


FIG. 6



**FIG. 7**

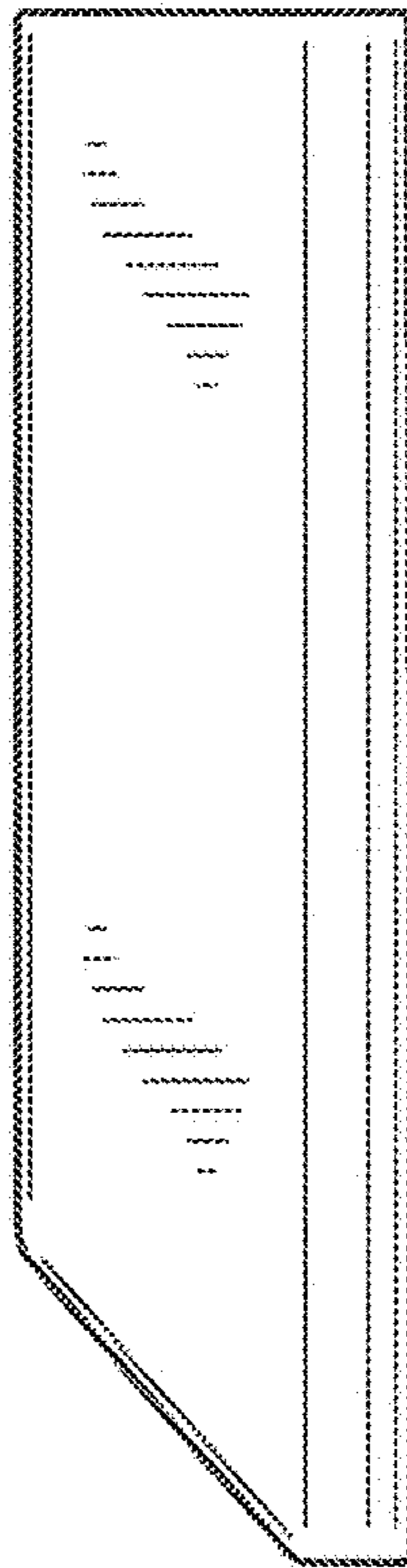


FIG. 8