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Taniho et al.

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(54) **SCANNER**

(56) **References Cited**

(71) Applicants: **Kiichi Taniho**, Kahoku (JP); **Yuusuke Kasashima**, Kahoku (JP); **Toshiki Satoji**, Milan (IT); **Alvise Gangarossa**, Milan (IT)

U.S. PATENT DOCUMENTS

3,375,781	A	*	4/1968	Grimm et al.	101/132
D240,080	S	*	5/1976	Brown	D18/36
D258,959	S	*	4/1981	Clayton et al.	D18/54
D263,397	S	*	3/1982	Vierling et al.	D18/54
D263,831	S	*	4/1982	Barbera et al.	D14/462
D264,846	S	*	6/1982	Taguchi	D14/462
D266,151	S	*	9/1982	Dawson	D10/81
D268,111	S	*	3/1983	Clemens	D18/54
D277,133	S	*	1/1985	Houlihan	D24/165
D279,783	S	*	7/1985	Jordan et al.	D18/55
D285,965	S	*	9/1986	Nishibori et al.	D24/165
D286,437	S	*	10/1986	Nishibori	D24/165

(72) Inventors: **Kiichi Taniho**, Kahoku (JP); **Yuusuke Kasashima**, Kahoku (JP); **Toshiki Satoji**, Milan (IT); **Alvise Gangarossa**, Milan (IT)

(73) Assignee: **PFU Limited**, Ishikawa (JP)

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

(Continued)

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OTHER PUBLICATIONS

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(30) **Foreign Application Priority Data**

(Continued)

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

(74) *Attorney, Agent, or Firm* — RatnerPrestia

(52) **U.S. Cl.**
USPC **D14/422**

(57) **CLAIM**

(58) **Field of Classification Search**

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

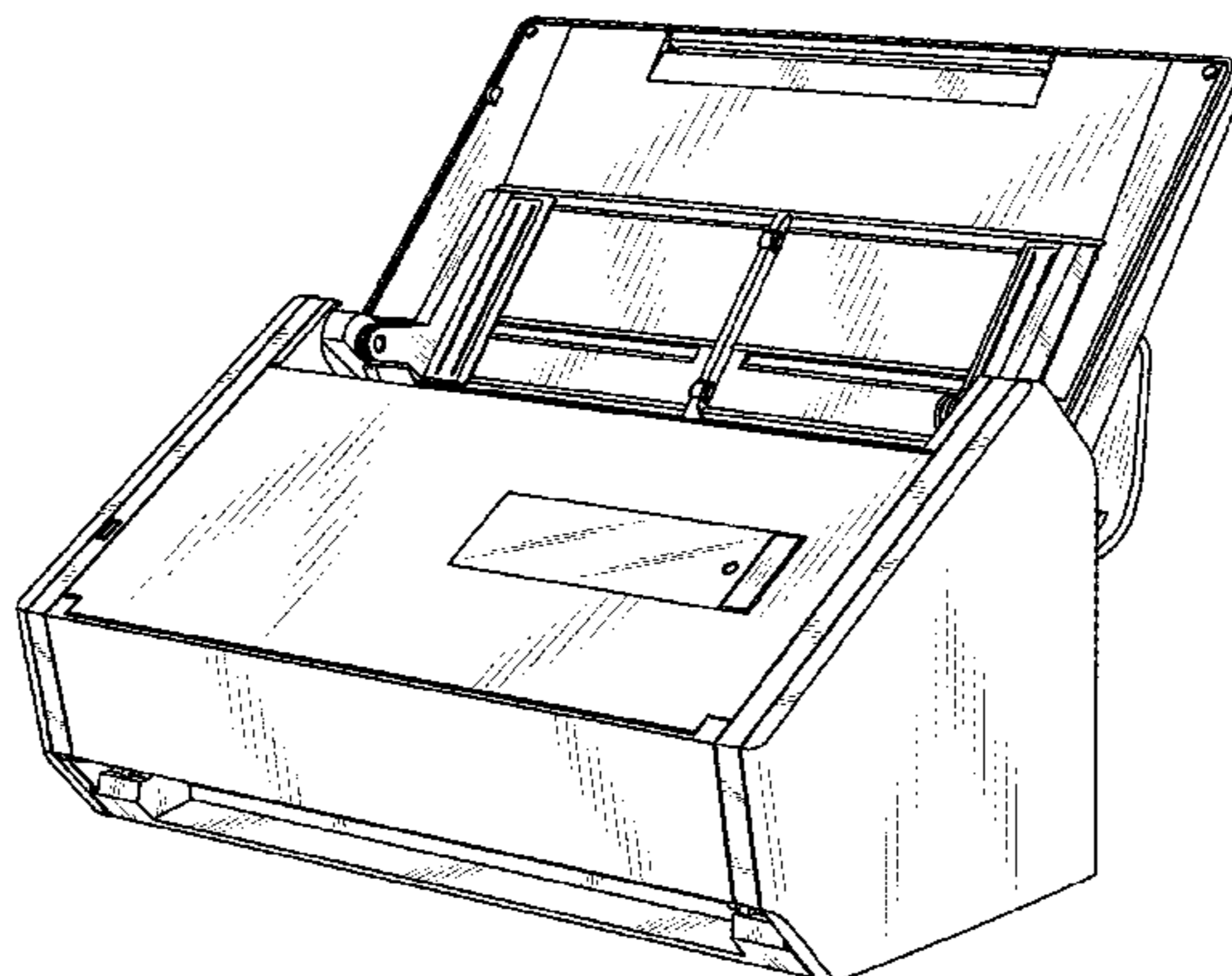
USPC D14/420, 422, 425, 462–470, 424, 389, D14/125, 399; D18/54, 55, 50, 53, 36–39, D18/14, 18–21, 49, 46, 52, 56, 51, 54.4; D13/164, 168; 358/400, 401, 448, 474, 358/486–488, 496, 497, 494, 473, 302, 468, 358/498; 382/312, 317, 321, 315; 400/613, 400/613.1–613.4, 690.1–690.4, 691–694, 400/88, 175; 399/107, 379, 380, 211, 212; 235/462.11, 462.41, 472.01, 470, 235/462.43; 361/680, 681; 378/177, 187, 378/188; 101/93.4, 269; 355/78; D24/165, D24/169, 186; 600/502, 503, 499, 494, 490, 600/485, 500, 492, 480, 493, 495, 479; 128/900; 16/286; 347/104, 109, 5; 271/186, 225, 126, 121, 137, 138

DESCRIPTION

FIG. 1 is a front perspective view of a scanner showing our new design;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a right side view thereof;
FIG. 5 is a left side view thereof;
FIG. 6 is a top plan view thereof;
FIG. 7 is a bottom plan view thereof; and,
FIG. 8 is another perspective view of the scanner with both catch and paper feed trays shown in an open position.
Broken lines and unshaded portions contained within broken lines are not claimed.

See application file for complete search history.

1 Claim, 5 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

- | | | | | | | |
|--------------|----|---|---------|--------------------|-------|----------|
| D292,976 | S | * | 12/1987 | Kando | ..... | D14/466 |
| D295,186 | S | * | 4/1988 | Hadtke | ..... | D18/54 |
| D297,051 | S | * | 8/1988 | Kawamura | ..... | D24/165 |
| 4,806,036 | A | * | 2/1989 | Ward et al. | ..... | 400/691 |
| D301,485 | S | * | 6/1989 | Kato et al. | ..... | D18/55 |
| D304,724 | S | * | 11/1989 | Hashimoto et al. | ..... | D14/467 |
| D310,120 | S | * | 8/1990 | Wickham et al. | ..... | D24/186 |
| D315,360 | S | * | 3/1991 | Tokuda et al. | ..... | D18/54 |
| D315,361 | S | * | 3/1991 | Kojima et al. | ..... | D18/55 |
| D316,869 | S | * | 5/1991 | Sugawara et al. | ..... | D18/54 |
| D317,783 | S | * | 6/1991 | Matsumoto et al. | ..... | D18/54 |
| D318,066 | S | * | 7/1991 | Moro | ..... | D18/54 |
| D321,898 | S | * | 11/1991 | Kasee et al. | ..... | D18/55 |
| D324,395 | S | * | 3/1992 | Dubson | ..... | D18/54 |
| D326,678 | S | * | 6/1992 | Uchibori et al. | ..... | D18/55 |
| D335,894 | S | * | 5/1993 | Nishikaze et al. | ..... | D18/55 |
| D337,608 | S | * | 7/1993 | Miyamoto | ..... | D18/55 |
| 5,239,808 | A | * | 8/1993 | Wells et al. | ..... | 53/512 |
| D340,740 | S | * | 10/1993 | Kawashima | ..... | D18/50 |
| D343,636 | S | * | 1/1994 | Horie et al. | ..... | D18/55 |
| D345,966 | S | * | 4/1994 | Perez | ..... | D18/4.5 |
| D348,054 | S | * | 6/1994 | Minasian et al. | ..... | D14/425 |
| D350,075 | S | * | 8/1994 | Reeder | ..... | D10/94 |
| D350,364 | S | * | 9/1994 | Kawashima et al. | ..... | D18/50 |
| D356,745 | S | * | 3/1995 | Ninomiya et al. | ..... | D10/81 |
| D358,836 | S | * | 5/1995 | Yamaguchi et al. | ..... | D18/55 |
| D367,821 | S | * | 3/1996 | Fischer | ..... | D10/65 |
| D370,026 | S | * | 5/1996 | McGlashan | ..... | D18/55 |
| D371,158 | S | * | 6/1996 | Yoshida | ..... | D18/50 |
| D374,685 | S | * | 10/1996 | Tsuruoka | ..... | D18/54 |
| D378,100 | S | * | 2/1997 | Sekine | ..... | D18/54 |
| D378,927 | S | * | 4/1997 | Kasahara et al. | ..... | D18/50 |
| D392,311 | S | * | 3/1998 | Takano | ..... | D18/50 |
| D401,271 | S | * | 11/1998 | Nakajima | ..... | D18/55 |
| D408,799 | S | * | 4/1999 | Daury | ..... | D14/385 |
| 5,917,995 | A | * | 6/1999 | Ota | ..... | 358/1.12 |
| D422,570 | S | * | 4/2000 | Kobayashi | ..... | D14/509 |
| D428,047 | S | * | 7/2000 | Kolls | ..... | D18/4.6 |
| D441,358 | S | * | 5/2001 | Chu | ..... | D14/337 |
| 6,231,043 | B1 | * | 5/2001 | James et al. | ..... | 271/209 |
| D443,878 | S | * | 6/2001 | Sakata et al. | ..... | D14/422 |
| D444,813 | S | * | 7/2001 | Quijano | ..... | D18/55 |
| D444,819 | S | * | 7/2001 | Kurz et al. | ..... | D21/329 |
| D445,451 | S | * | 7/2001 | Clark et al. | ..... | D18/55 |
| D446,306 | S | * | 8/2001 | Ochi et al. | ..... | D24/186 |
| D451,540 | S | * | 12/2001 | Tokuda et al. | ..... | D18/55 |
| D456,020 | S | * | 4/2002 | Obata et al. | ..... | D14/336 |
| 6,367,996 | B1 | * | 4/2002 | Edwards | ..... | 400/582 |
| D463,485 | S | * | 9/2002 | Yoshida et al. | ..... | D18/50 |
| D475,052 | S | * | 5/2003 | Chujou et al. | ..... | D14/422 |
| D478,618 | S | * | 8/2003 | Obara | ..... | D18/54 |
| D517,554 | S | * | 3/2006 | Yanagisawa et al. | ..... | D14/421 |
| D518,826 | S | * | 4/2006 | Chujou et al. | ..... | D14/422 |
| D530,739 | S | * | 10/2006 | Tsai | ..... | D18/55 |
| 7,134,259 | B2 | * | 11/2006 | Huang | ..... | 53/512 |
| D533,897 | S | * | 12/2006 | Workman et al. | ..... | D18/34.3 |
| D549,705 | S | * | 8/2007 | Sugitani et al. | ..... | D14/422 |
| 7,290,952 | B2 | * | 11/2007 | Kagami | ..... | 400/693 |
| D571,370 | S | * | 6/2008 | Sugitani et al. | ..... | D14/422 |
| D571,371 | S | * | 6/2008 | Kuroda et al. | ..... | D14/422 |
| D573,596 | S | * | 7/2008 | Laidlaw et al. | ..... | D14/422 |
| D574,829 | S | * | 8/2008 | Shirai et al. | ..... | D14/422 |
| D579,016 | S | * | 10/2008 | Romanoff et al. | ..... | D14/422 |
| D583,060 | S | * | 12/2008 | Kitamura et al. | ..... | D24/165 |
| D586,383 | S | * | 2/2009 | Takatani | ..... | D18/50 |
| D601,259 | S | * | 9/2009 | Guthrie et al. | ..... | D24/169 |
| D607,506 | S | * | 1/2010 | Kim et al. | ..... | D18/55 |
| D609,711 | S | * | 2/2010 | Kuroda et al. | ..... | D14/453 |
| D610,146 | S | * | 2/2010 | Kuroda et al. | ..... | D14/422 |
| D610,147 | S | * | 2/2010 | Kuroda et al. | ..... | D14/422 |
| D610,148 | S | * | 2/2010 | Kuroda et al. | ..... | D14/422 |
| D610,149 | S | * | 2/2010 | Kuroda et al. | ..... | D14/422 |
| D610,150 | S | | 2/2010 | Kuroda et al. | ..... |  |
| D610,151 | S | | 2/2010 | Kuroda et al. | ..... |  |
| D610,154 | S | * | 2/2010 | Kuroda et al. | ..... | D14/453 |
| D610,155 | S | * | 2/2010 | Kuroda et al. | ..... | D14/453 |
| D612,276 | S | * | 3/2010 | Duffy et al. | ..... | D10/81 |
| D615,515 | S | * | 5/2010 | Hwang | ..... | D14/130 |
| D616,889 | S | * | 6/2010 | Kuroda et al. | ..... | D14/422 |
| D619,588 | S | | 7/2010 | Kuroda et al. | ..... |  |
| D619,589 | S | | 7/2010 | Kuroda et al. | ..... |  |
| D624,574 | S | * | 9/2010 | Hall et al. | ..... | D15/146 |
| D625,304 | S | * | 10/2010 | Armstrong | ..... | D14/307 |
| D631,050 | S | * | 1/2011 | Iliffe-Moon et al. | ..... | D14/422 |
| D632,295 | S | * | 2/2011 | Kuroda | ..... | D14/422 |
| D642,179 | S | * | 7/2011 | Kuroda et al. | ..... | D14/422 |
| 8,169,669 | B2 | * | 5/2012 | Yoshida et al. | ..... | 358/471 |
| D669,080 | S | * | 10/2012 | Iwai et al. | ..... | D14/422 |
| D669,081 | S | * | 10/2012 | Iwai et al. | ..... | D14/422 |
| D671,542 | S | * | 11/2012 | Siekman et al. | ..... | D14/422 |
| D680,157 | S | * | 4/2013 | Umezawa et al. | ..... | D18/34.3 |
| D687,436 | S | * | 8/2013 | Penke et al. | ..... | D14/422 |
| D689,865 | S | * | 9/2013 | Kitamura et al. | ..... | D14/422 |
| D689,866 | S | * | 9/2013 | Anzai et al. | ..... | D14/422 |
| D692,891 | S | * | 11/2013 | Kuroda et al. | ..... | D14/422 |
| D696,339 | S | * | 12/2013 | Hasui et al. | ..... | D18/34.3 |
| D700,908 | S | * | 3/2014 | Taniho et al. | ..... | D14/422 |
| 8,699,101 | B2 | * | 4/2014 | Mukai | ..... | 358/498 |
| 2003/0063337 | A1 | * | 4/2003 | Shirai et al. | ..... | 358/498 |
| 2007/0188818 | A1 | * | 8/2007 | Westcott et al. | ..... | 358/296 |
| 2010/0060948 | A1 | * | 3/2010 | Yoshida et al. | ..... | 358/474 |
| 2010/0118327 | A1 | * | 5/2010 | Caspar et al. | ..... | 358/1.13 |

OTHER PUBLICATIONS

Non-Final Office Action dated Jul. 7, 2014, corresponding to U.S. Appl. No. 29/434,845, filed Oct. 17, 2012.

* cited by examiner

Fig. 1

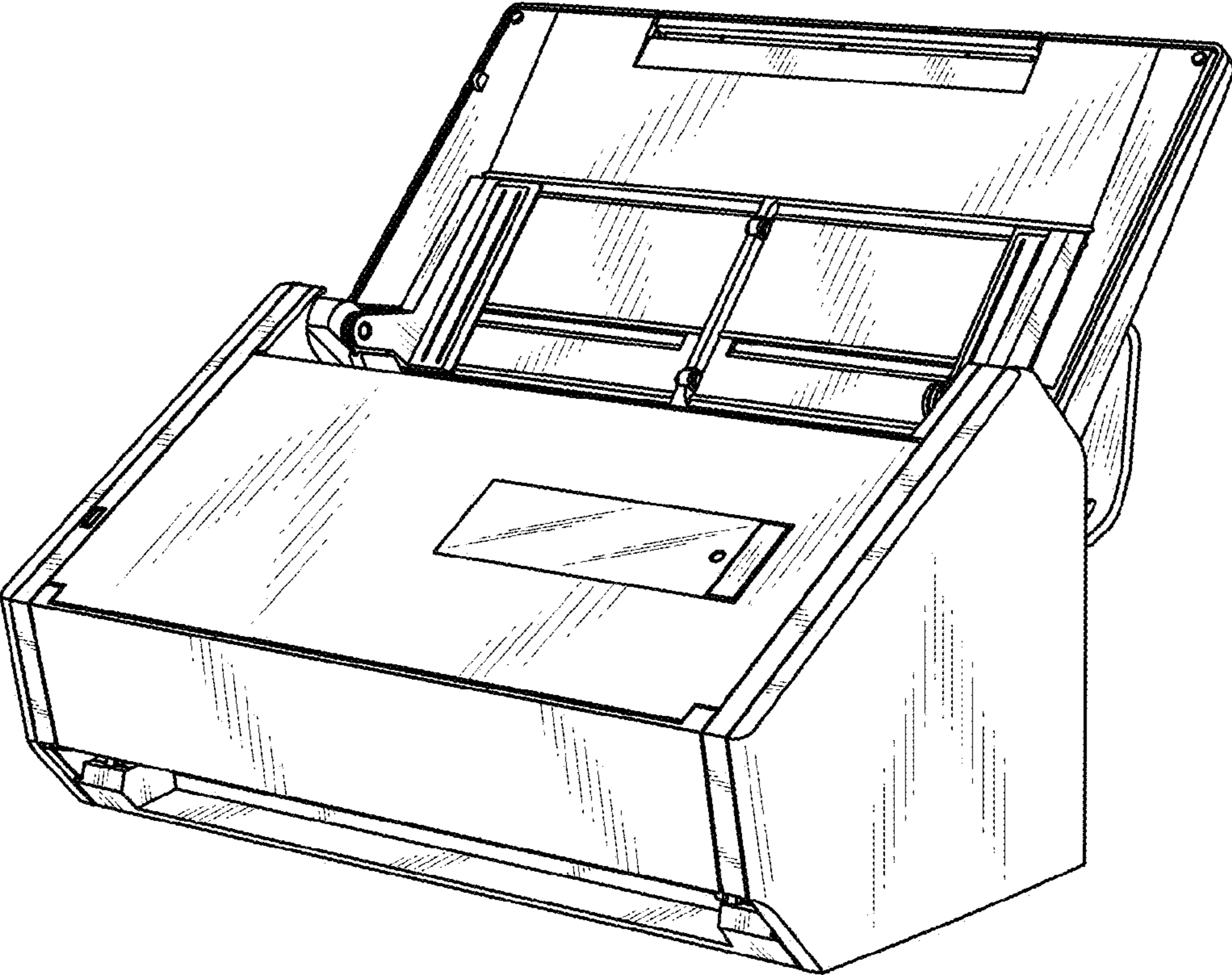


Fig.2

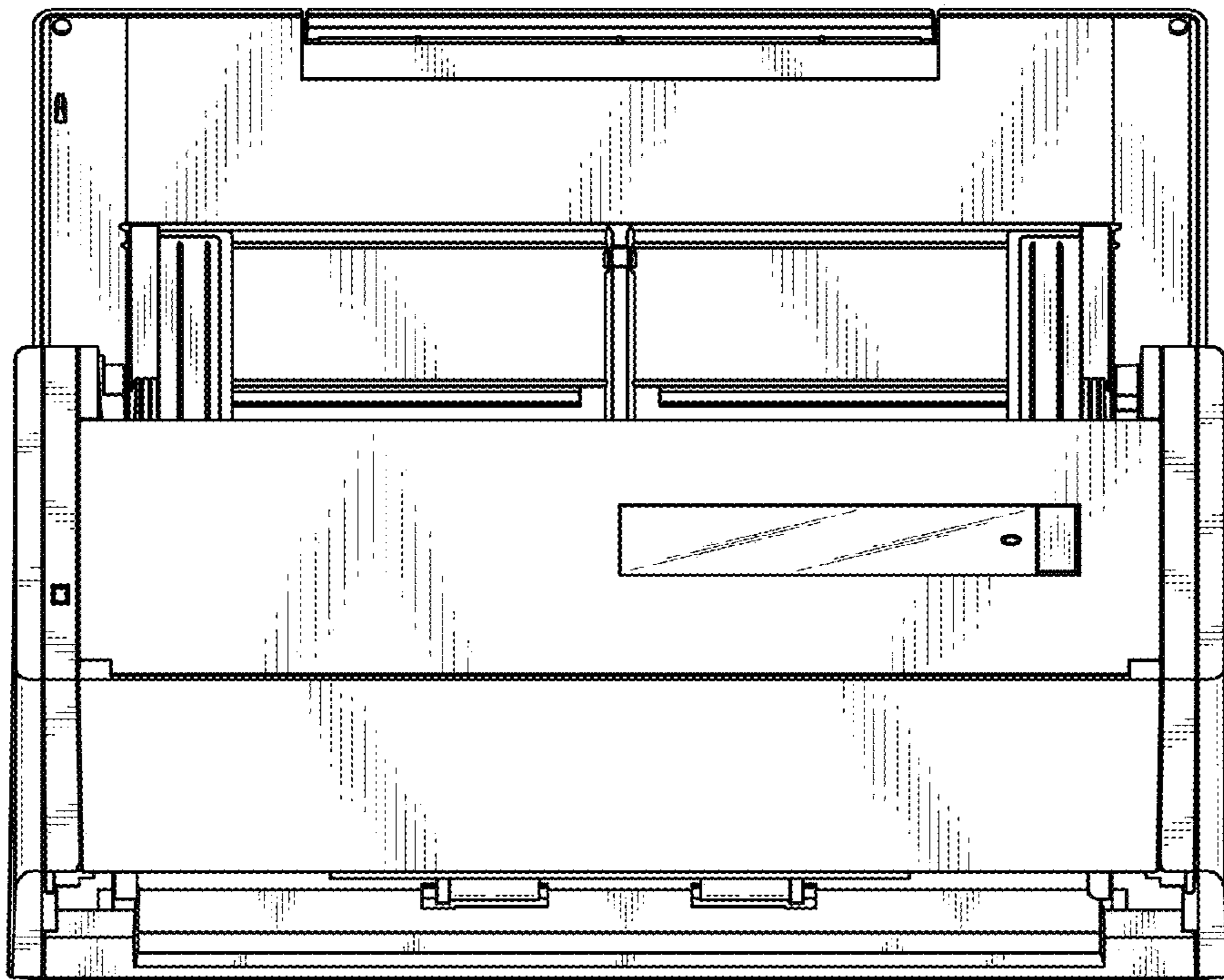


Fig.3

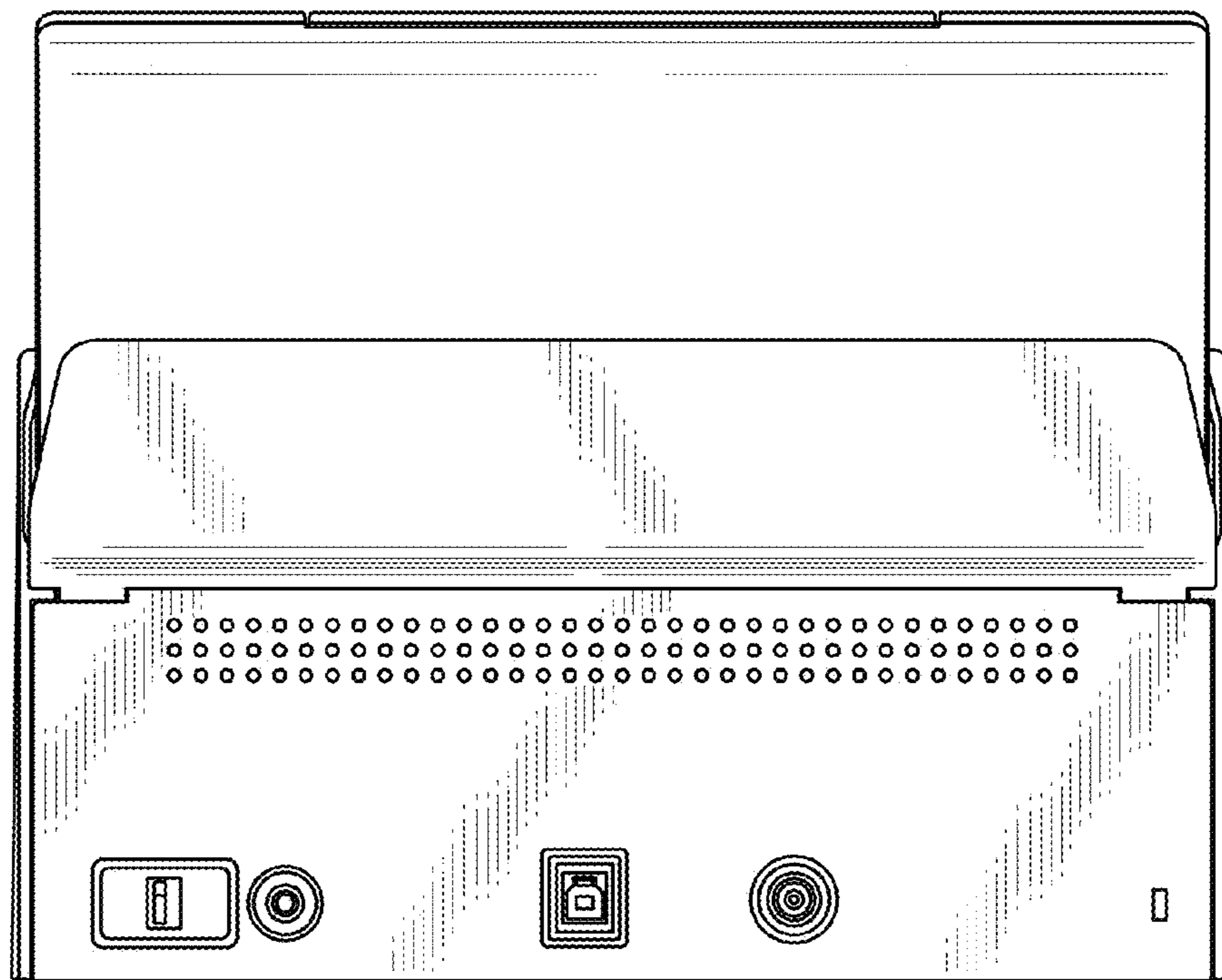


Fig.4

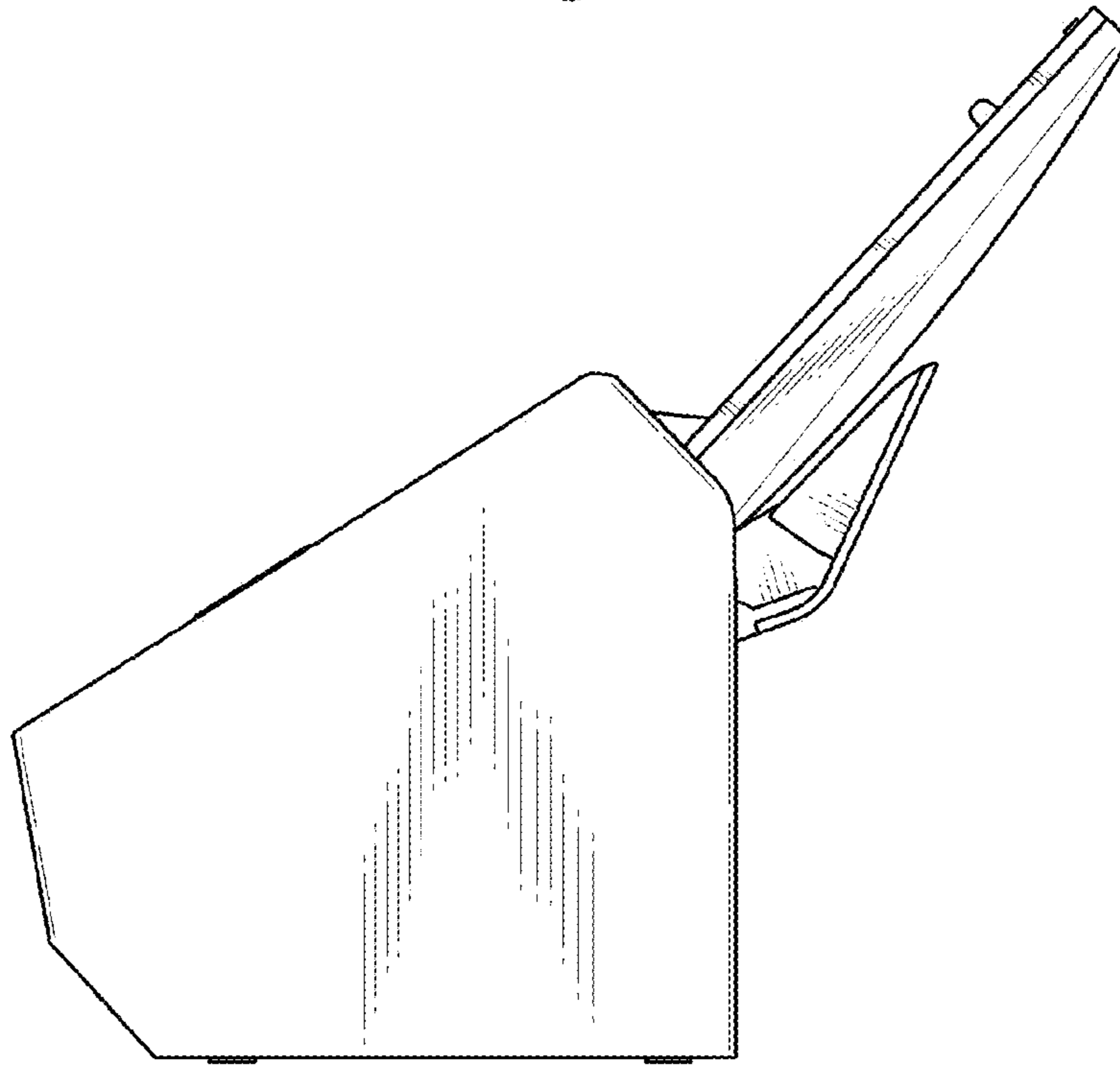


Fig.5

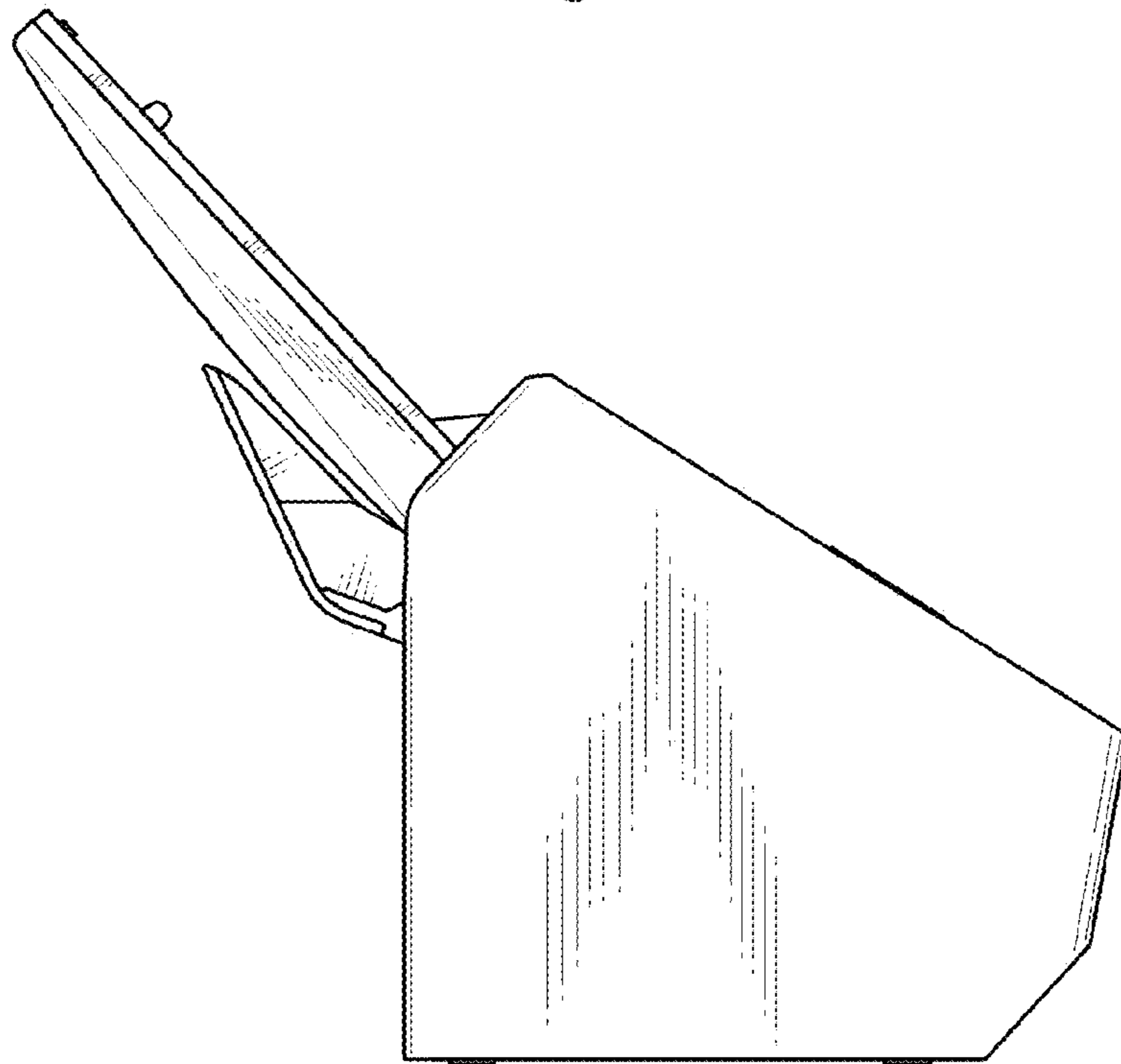


Fig.6

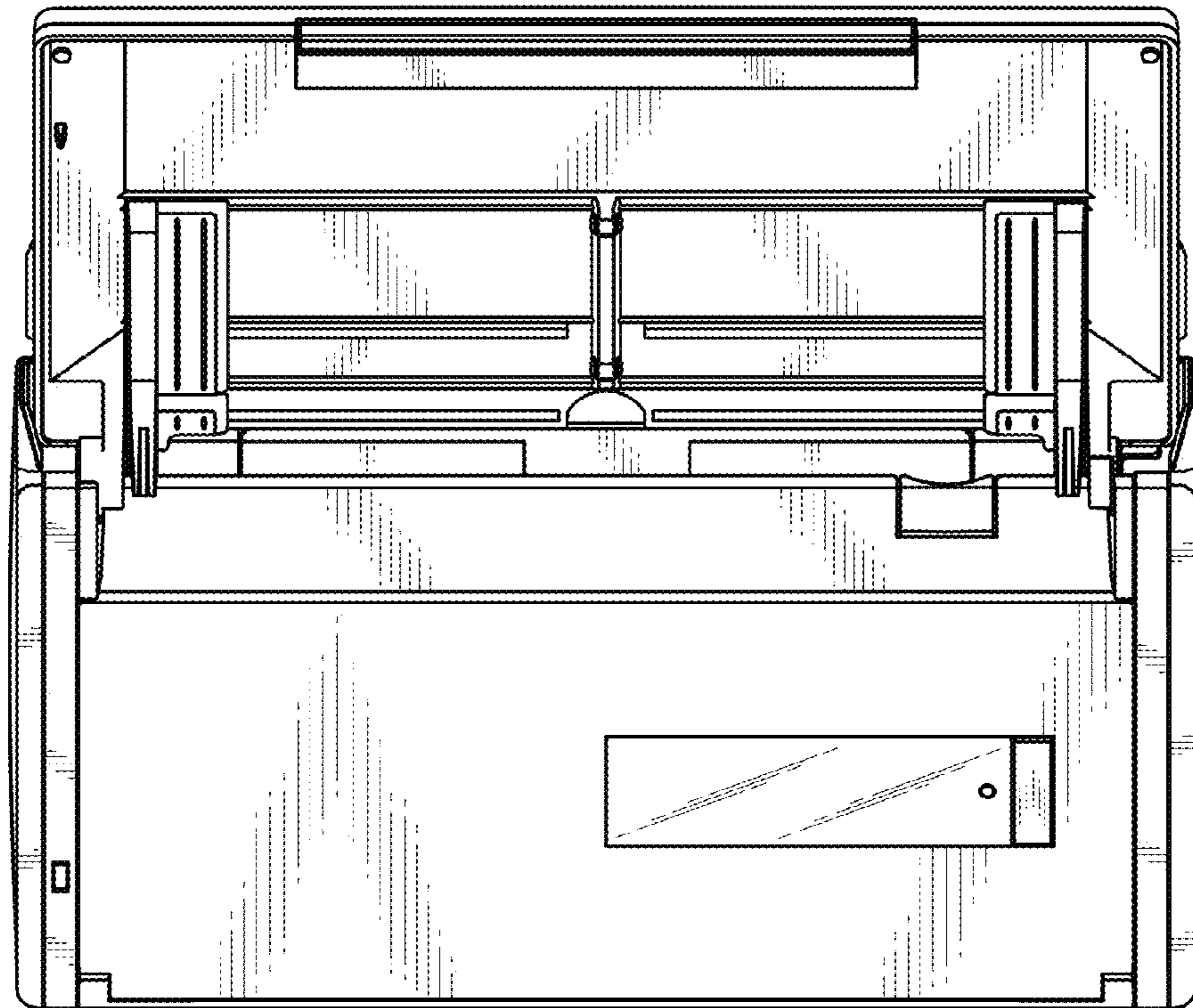


Fig.7

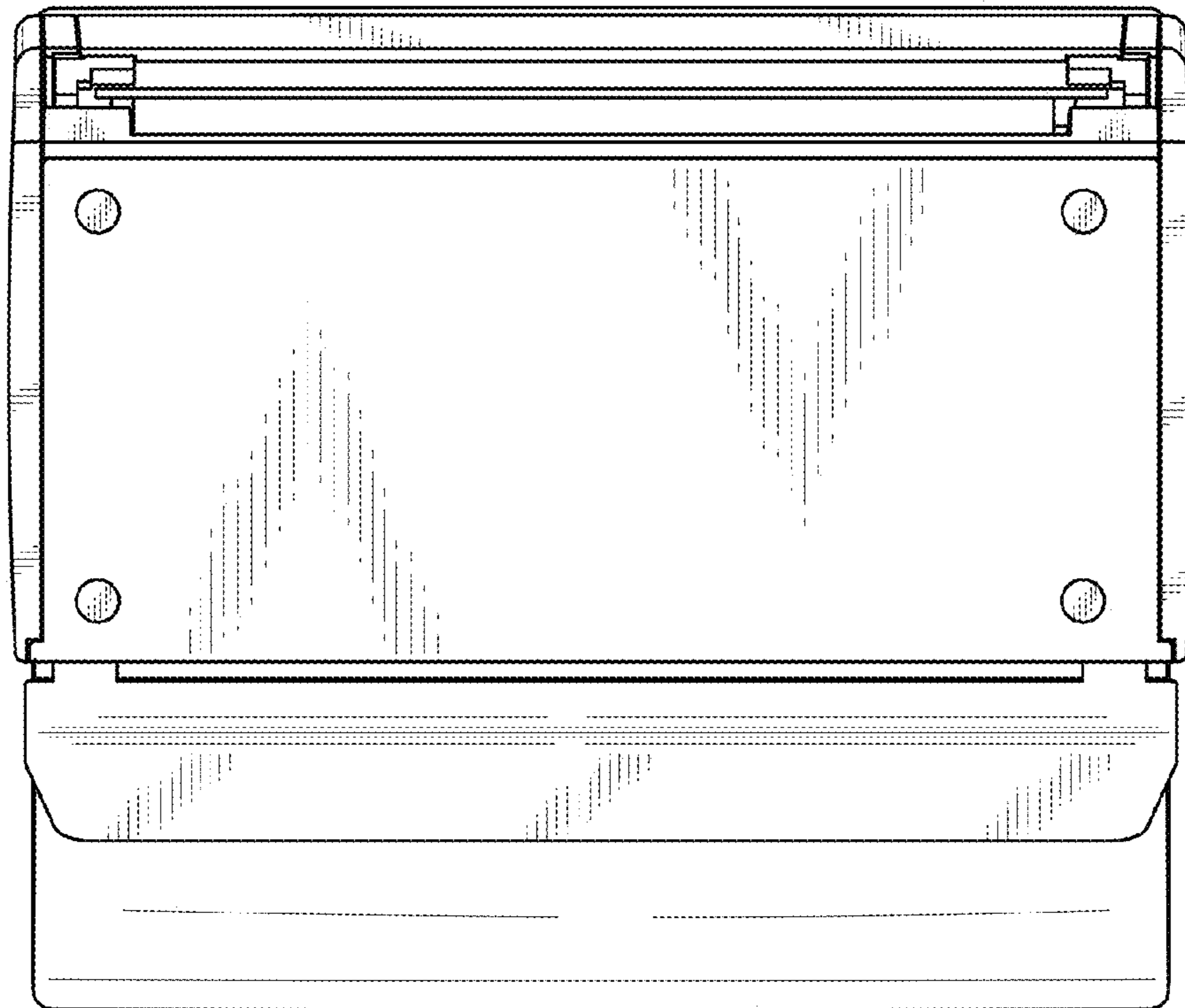


Fig.8

