



US00D335287S

# United States Patent [19]

[11] Patent Number: **Des. 335,287**

Iino

[45] Date of Patent: **\*\* May 4, 1993**

## [54] ELECTRONIC COMPUTER

[75] Inventor: **Masaaki Iino**, Yokohama, Japan

[73] Assignee: **Kabushiki Kaisha Toshiba**, Kanagawa, Japan

[\*\*] Term: **14 Years**

[21] Appl. No.: **884,222**

[22] Filed: **May 11, 1992**

### Related U.S. Application Data

[63] Continuation of Ser. No. 461,464, Jan. 5, 1990, abandoned.

### [30] Foreign Application Priority Data

Jul. 14, 1989 [JP] Japan ..... 1-25872

[52] U.S. Cl. .... **D14/106**

[58] Field of Search ..... D14/100, 101, 106, 113, D14/115; D18/1, 7, 11, 12; 235/145 A, 145 R; 340/700, 706, 711, 712; 341/22, 23; 358/249, 254; 364/706-710; 400/489, 492; 312/208

### [56] References Cited

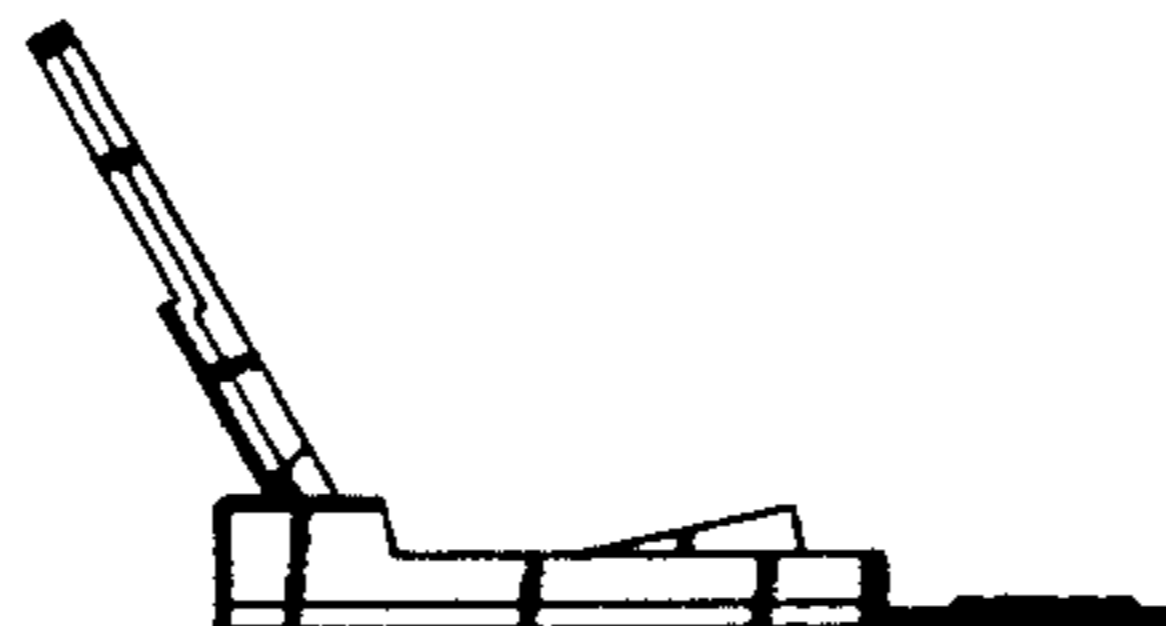
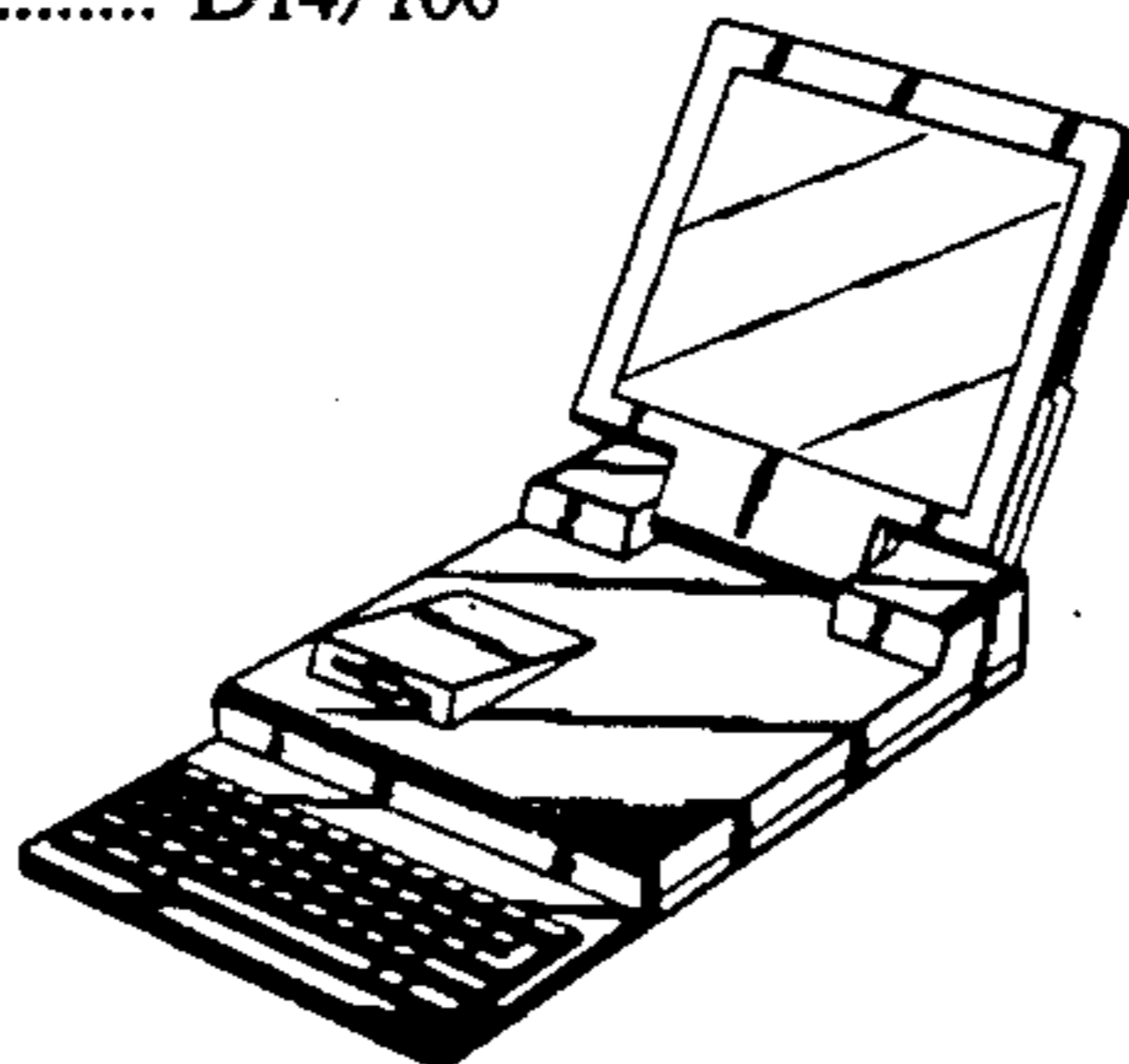
#### U.S. PATENT DOCUMENTS

- D. 224,784 9/1972 Sucre et al. .... D26/5
- D. 243,250 2/1977 Hazama ..... D26/5 C
- D. 254,005 1/1980 Reid et al. .... D14/43
- D. 269,529 6/1983 Luen ..... D19/22
- D. 275,102 8/1984 MacConnell ..... D14/106
- D. 280,511 9/1985 Moggridge et al. .... D14/106
- D. 280,622 9/1985 Moggridge et al. .... D14/100
- D. 282,843 3/1986 Kurihara et al. .... D14/100
- D. 283,511 4/1986 Dunn ..... D14/106
- D. 284,193 6/1986 Marshall ..... D14/101
- D. 284,474 7/1986 Sawada ..... D14/100
- D. 284,966 8/1986 Larkins ..... D14/100
- D. 287,969 1/1987 Kusanagi ..... D14/106
- D. 288,566 3/1987 Chin et al. .... D14/106
- D. 289,177 4/1987 Sawada ..... D18/7
- D. 289,763 5/1987 Fujii et al. .... D14/106
- D. 290,256 6/1987 Sapper et al. .... D14/106
- D. 290,609 6/1987 Harlan et al. .... D14/100
- D. 290,845 7/1987 Yubisui et al. .... D14/111
- D. 291,442 8/1987 Kurihara ..... D14/106
- D. 293,667 1/1988 Hara et al. .... D14/106
- D. 293,678 1/1988 Sawatani et al. .... D14/106
- D. 294,029 2/1988 Nishiyama et al. .... D14/106

- D. 294,831 3/1988 Hara et al. .... D14/106
- D. 295,176 4/1988 Nishimoto et al. .... D14/106
- D. 295,519 5/1988 Kimble..... D14/106
- D. 298,623 11/1988 Yubisui et al. .... D14/100
- D. 299,031 12/1988 Sugano ..... D14/106
- D. 303,250 9/1989 Ver Nooy et al. .... D14/106
- D. 303,523 9/1989 Shiozawa et al. .... D14/106
- D. 303,790 10/1989 Kato et al. .... D14/106
- D. 304,930 12/1989 Hongo et al. .... D14/100
- D. 305,883 2/1990 Burton ..... D14/106
- D. 306,285 2/1990 Yu ..... D14/106
- D. 306,433 3/1990 Mitchell ..... D14/106
- D. 307,581 5/1990 Ooshima ..... D14/106
- D. 308,050 5/1990 Sugano et al. .... D14/106
- D. 308,051 5/1990 Sakai ..... D14/106
- D. 308,194 5/1990 Messerschmidt et al. .... D14/106
- D. 308,516 6/1990 Takach, Jr. et al. .... D14/106
- D. 308,860 6/1990 Tsukada et al. .... D14/106
- D. 308,861 6/1990 Tsukada et al. .... D14/106
- D. 309,603 7/1990 Mizusugi et al. .... D14/106
- D. 309,749 8/1990 Ido ..... D18/7
- D. 310,353 9/1990 Sugano et al. .... D14/106
- D. 310,828 9/1990 Grundstrom et al. .... D14/106
- D. 311,527 10/1990 Fujii et al. .... D14/106
- D. 311,528 10/1990 Sugano et al. .... D14/106
- D. 311,741 10/1990 Sakai ..... D14/106
- D. 311,906 11/1990 Iino ..... D14/106
- D. 312,076 11/1990 Miller et al. .... D14/106
- D. 312,249 11/1990 Sugano et al. .... D14/106
- D. 312,450 11/1990 Walters, II ..... D14/106
- D. 312,626 12/1990 Lam ..... D14/106
- D. 312,822 12/1990 Watabe et al. .... D14/106
- D. 313,978 1/1991 Miyakuni ..... D14/106
- D. 314,558 2/1991 Iino ..... D14/106
- D. 316,085 4/1991 Masaaki ..... D14/106
- D. 316,706 5/1991 Imamura et al. .... D14/106
- D. 316,852 5/1991 Sai et al. .... D14/106
- D. 317,302 6/1991 Shibuya et al. .... D14/106
- D. 317,444 6/1991 Mizusugi et al. .... D14/106
- D. 319,819 9/1991 Kawaguchi ..... D14/106
- 4,703,160 10/1987 Narshima et al. .... 235/10
- 4,951,241 8/1990 Hosoi et al. .... 364/708

#### FOREIGN PATENT DOCUMENTS

- 100708 6/1988 China .
- 100709 6/1988 China .
- 101093 7/1988 China .
- M8800660 10/1988 Fed. Rep. of Germany .
- M8803410 12/1989 Fed. Rep. of Germany .
- M8803411 12/1989 Fed. Rep. of Germany .



47-14961	5/1972	Japan .	Gavilan Mobile Computer Brochure, Apr. 19, 1984.
499866	4/1979	Japan .	Hewlett-Packard Advertisement, May 18, 1984.
685063	8/1984	Japan .	Hewlett-Packard Advertisement, Jun. 5, 1984.
639216	11/1984	Japan .	Epson HC-88, Jul. 1, 1984.
650470	5/1985	Japan .	Hitachi Advertisement, Sep. 4, 1984.
644175	10/1985	Japan .	Hewlett-Packard Advertisement, Sep. 12, 1984.
684172	8/1986	Japan .	Sharp PC-5000 Brochure, Sep. 26, 1984.
684172(1)	8/1986	Japan .	Data General One Advertisement, Sep. 28, 1984.
685000	8/1986	Japan .	Apple Computer/Apple IIC, Oct. 15, 1984.
685121	8/1986	Japan ..... D14/106	TI Software Journal, Pro-Lite, Nov. 14, 1984.
685542	8/1986	Japan .	IS-11C Advertisement, Nov. 14, 1984.
686374	9/1986	Japan .	Dulmont Magnum Article in Portable Computer, Nov. 1984.
686381	9/1986	Japan .	IBM Advertisement, Dec. 6, 1984.
686386	9/1986	Japan .	Tandy 200, 1985.
686654	9/1986	Japan .	General Corp. 44000, Jan. 14 1985.
686658	9/1986	Japan .	Aval TM Advertisement, Feb. 11, 1985.
686706	9/1986	Japan .	Picture #J60007802, Feb. 26, 1985.
685000(1)	12/1986	Japan .	Aval TM20, Mar. 8, 1985.
695931	12/1986	Japan .	Tandy 200, Mar. 16, 1985.
696188	1/1987	Japan .	NEC Starlet PC-8401A Brochure, Mar. 28, 1985.
697328	1/1987	Japan .	C&D News, Mar. 29, 1985.
685121(1)	10/1988	Japan .	Hewlett-Packard HP110, Apr. 1985.
747991	11/1988	Japan .	Fujitsu FM 16, Apr. 17, 1985.
748513	11/1988	Japan .	Fujitsu FM 16 TL Brochure, May 22, 1985.
749802	11/1988	Japan .	Data General One Brochure, May 23, 1985.
746985(1)	4/1989	Japan .	Toshiba T 1100 Plus Jul. 22, 1985.
746985(2)	4/1989	Japan .	Minato Electronics MODS-5000, Aug. 22, 1985.
761927	5/1989	Japan .	GridCase Brochure, Sep. 24, 1985.
763838	6/1989	Japan .	FBS Advertisement, Oct. 30, 1985.
763840	6/1989	Japan .	NEC N6919 Model 80/80H, Nov. 11, 1985.
763855	6/1989	Japan .	IBM Advertisement, Nov. 28, 1985.
761927(1)	2/1990	Japan .	Apple Computer IIC, Dec. 1985.
761927(2)	5/1990	Japan .	Hewlett-Packard Portable Plus, Dec. 1985.
761927(3)	5/1990	Japan .	Fujitsu FM 16, May 21, 1986.
761927(4)	6/1990	Japan .	PC-816F Advertisement, May 27, 1986.
67297	2/1987	Rep. of Korea .	Zenith Data Systems NEWSDATE Newsletter, Jun. 7, 1986.
85031	10/1988	Rep. of Korea .	Tandy 600 Advertisement, Jul. 25, 1986.
85032	10/1988	Rep. of Korea .	Ricoh JP70D Brochure, Sep. 29, 1986.
92859	7/1989	Rep. of Korea .	Data General One Brochure, Oct. 3, 1986.
92863	7/1989	Rep. of Korea .	Article re IBM Portable Personal Computer, Oct. 15, 1986.
94470	9/1989	Rep. of Korea .	NEC PC-98LT Advertisement, Oct. 23, 1986.
97355	12/1989	Rep. of Korea .	Yasakawa P-150 Advertisement, Nov. 12, 1986.

## OTHER PUBLICATIONS

Sharp Advertisement, May 19, 1976.  
 Fanuc System P-Model, Jul. 27, 1983.  
 Moebel Interior Design, Jan. 5, 1984.  
 The Office 98-6, Jan. 31, 1984.  
 Demus 645, Feb. 22, 1984.  
 MRD Advertisement, Mar. 29, 1984.

- Yaskawa Memocon-SC GL20 Advertisement Mar. 27, 1987.  
 TI Advertisement in Telephony, Apr. 1, 1987.  
 Data General One Model 2J Brochure, May 20, 1987.  
 Hitachi B16 LX, Aug. 28, 1987.  
 Ricoh Brochure, Sep. 17, 1987.  
 Sony Produce 100 Brochure, Sep. 18, 1987.  
 Panasonic FW-U1EX Advertisement, Oct. 20, 1987.  
 Nihon IBM 55 Model 5535, Oct. 19, 1987.  
 NEC Minitel 5 Advertisement, Oct. 29, 1987.  
 Rein Laptop 300 SLC Advertisement, Oct. 29, 1987.  
 IBM 5535/5540 Brochure, Nov. 4, 1987.  
 NEC PC-9800 Advertisement, Nov. 27, 1987.  
 Panasonic U1EX Advertisement, Dec. 8, 1987.  
 Schneider Multivision 300SLC Catalog, 1988.  
 Panasonic U1Pro, Jan. 4, 1988.  
 Diagnostic Products Review, Jan. 2, 1988.  
 Toshiba E&E News, Feb. 26, 1988.  
 Seiko-Epson PC-286L, Mar. 2, 1988.  
 Toshiba JW90FII Rupo Brochure, Mar. 3, 1988.  
 Hitachi B16LX Brochure, Apr. 5, 1988.  
 Sony Produce PJ-100EX Brochure, Apr. 5, 1988.  
 Halikan LA22, LA30, Apr. 21, 1988.  
 WS Japanese Advertisement, Apr. 27, 1988.  
 NEC Multispeed, Spring 1988.  
 Samsung S5200, May 10, 1988.  
 Datavue Snap 1+1, May 10, 1988.  
 Portable Computer review, p. 32, May 10, 1988.  
 GridCase 1530 Advertisement, May 10, 1988.  
 NEC Multispeed EL Model 2 Brochure, May 10, 1988.  
 Sharp PC-500 Brochure, May 12, 1988.  
 Japanese Advertisement, May 12, 1988.  
 Sanyo ES 100, May 12, 1988.  
 NEC PC-9801 LV 21 Brochure, May 13, 1988.  
 Sharp WV-500, May 19, 1988.  
 Panafacom C-250 LT Brochure, May 19, 1988.  
 Sony Produce 100EX Advertisement, May 19, 1988.  
 Panasonic Panacom 6000 LT Brochure, Jun. 7, 1988.  
 NEC Mini 5 Carryword Brochure, Jun. 27, 1988.  
 Ricoh JP90LX Brochure, Jun. 28, 1988.  
 NEC Mini 5 HL Brochure, Jun. 30, 1988.  
 NEC PC-98 LT Brochure, Jul. 14, 1988.  
 NEC PC-9081LX5C, Aug. 23, 1988.  
 Kyosera 386AX, Sep. 1988.  
 Sharp AX286L, Sep. 29, 1988.  
 NEC PC 9801 LS2/LS5, Oct. 26, 1988.  
 Toshiba T 1600, Nov. 1988.  
 Sanyo MBC-17LTJ, Nov. 28, 1988.  
 Sanyo MBC-17JTJH, Nov. 28, 1988.  
 Oki "if 386 AX", Dec. 9, 1988.  
 Kyosera 386-SX Laptop AX, Jan. 10, 1989.  
 Seiko-Epson PC-286LS, Feb. 16, 1989.  
 NEC PC-9801 LV21, May 13, 1989.  
 Fujitsu G-150LT, May 19, 1989.  
 Ricoh-Magus, Feb. 1, 1990.  
 Mitsubishi-Maxy, May 15, 1990.  
 Mitsubishi Maxy Note, May 15, 1990.  
 MAXYNOTE 286, Oct. 1990.  
 NoteMaster 386S/16, Nov. 12, 1990.  
 SUPER-NB386S, Nov. 12, 1990.  
 52 NOTE, May 15, 1991.  
 PREMIUM EXEC 3865SX120, Jun. 1, 1991.  
 GS 620, Jun. 1, 1991.  
 MastersPort 386SL, Jun. 1, 1991.  
 Visual Computer Brochure.  
 Gavilan Mobile Computer Brochure.  
 Olivetti Personal Computer M15 Brochure.  
 Epson HC-88, HC-80 Brochure.  
 Epson PX-8 Personal Computer Brochure.  
 Mitsubishi mp286L Laptop, Personal Computer Brochure.  
 Grid Brochure.  
 Dauphin Lapton Computer Brochure.  
 MicroDIRECT Brochure.  
 SupersPort Brochure.  
 Panasonic KX-D4930 Advertisement.  
 Ampere WS-1 Advertisement.  
 NEC Contrast.  
 NEC Starlet PC-8401A Advertisement.  
 Victor Technologies, V286P Catalog.
- Primary Examiner*—Wallace R. Burke  
*Assistant Examiner*—Freda S. Nunn  
*Attorney, Agent, or Firm*—Banner, Birch, McKie & Beckett

[57]

**CLAIM**

The ornamental design for an electronic computer, as shown and described.

**DESCRIPTION**

FIG. 1 is a top, front and right side perspective view of an electronic computer showing my new design;

FIG. 2 is a top plan view thereof;

FIG. 3 is a bottom plan view thereof;

FIG. 4 is a front elevational view thereof;

FIG. 5 is a rear elevational view thereof;

FIG. 6 is a left side elevational view thereof;

FIG. 7 is a right side elevational view thereof;

FIG. 8 is a front elevational view thereof, the display panel and keyboard in closed position;

FIG. 9 is a top plan view thereof, the display panel and keyboard in closed position; and,

FIG. 10 is a right side elevational view thereof, the display panel and keyboard in closed position.

FIG. 1

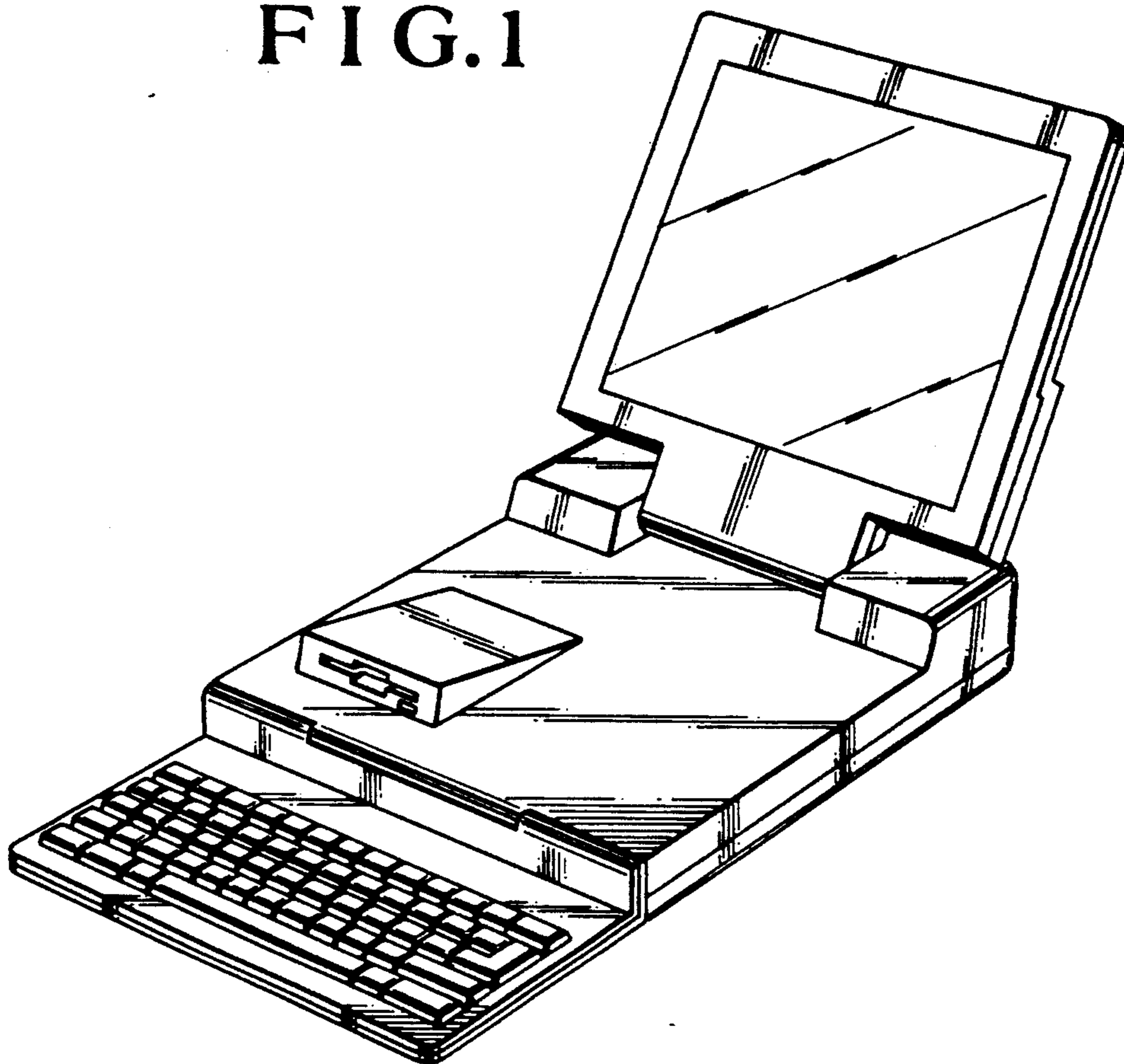


FIG. 8

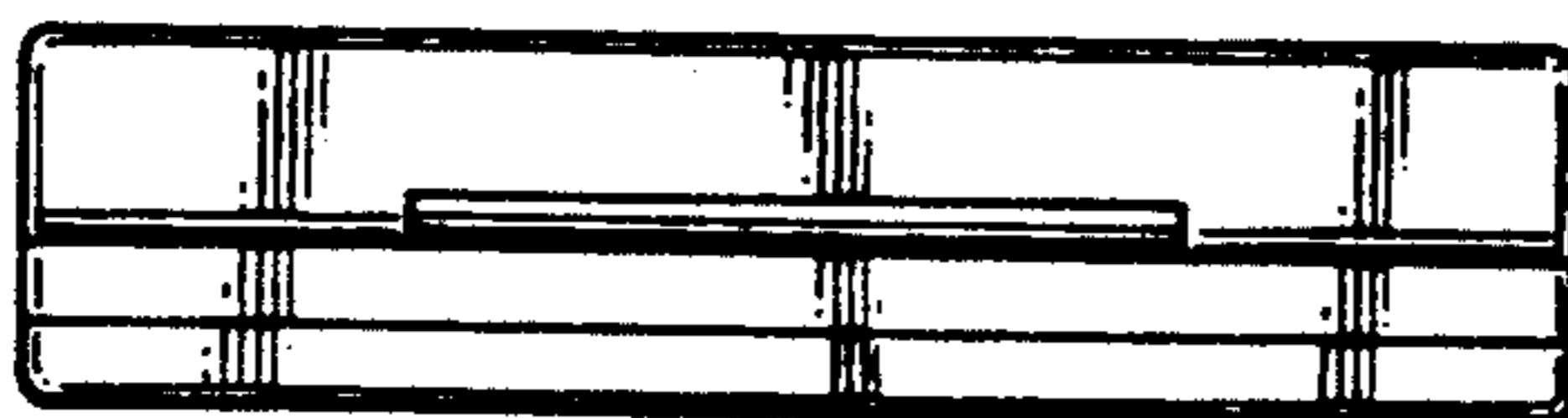


FIG.2

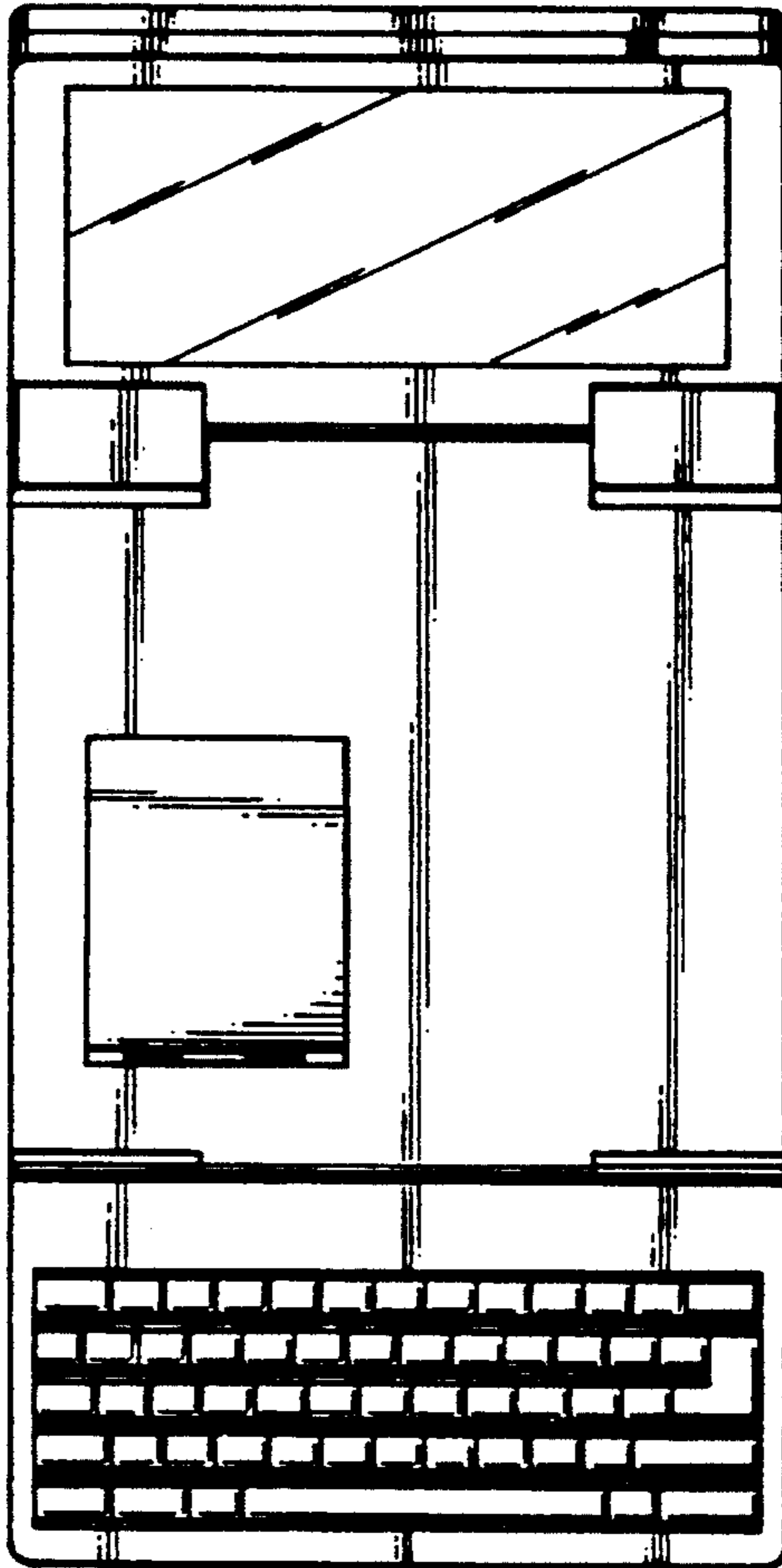


FIG.4

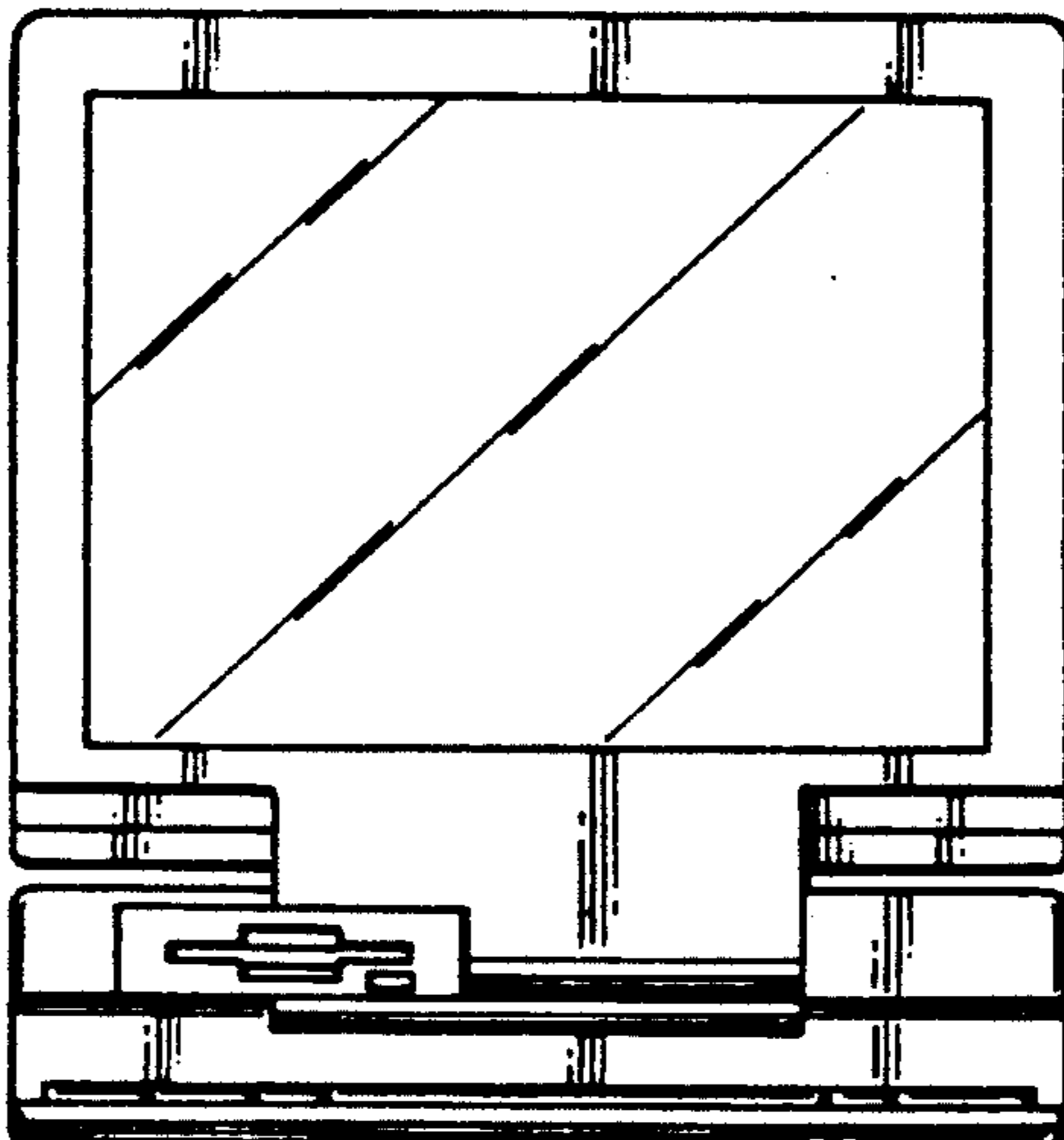


FIG.3

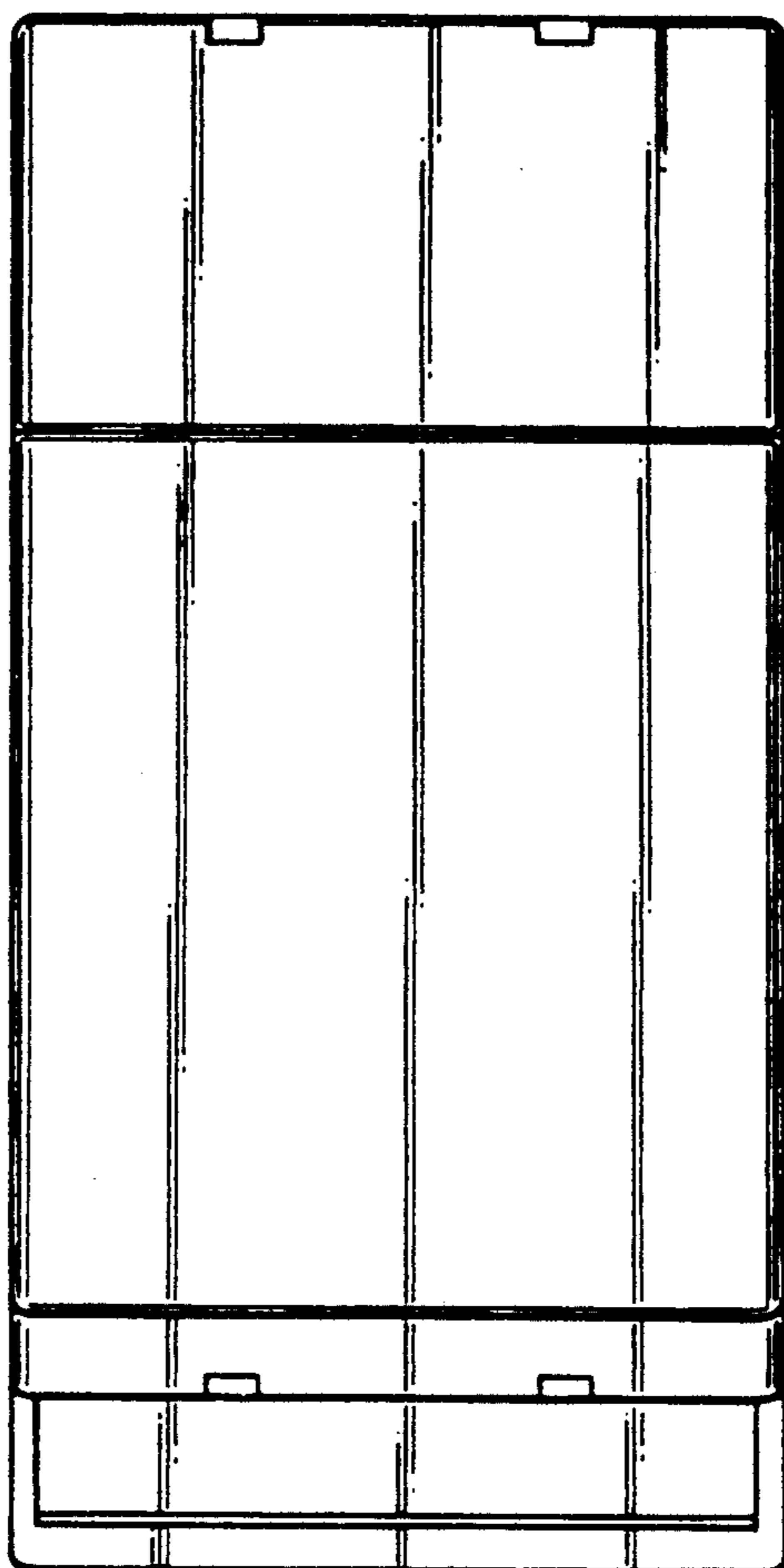


FIG.5

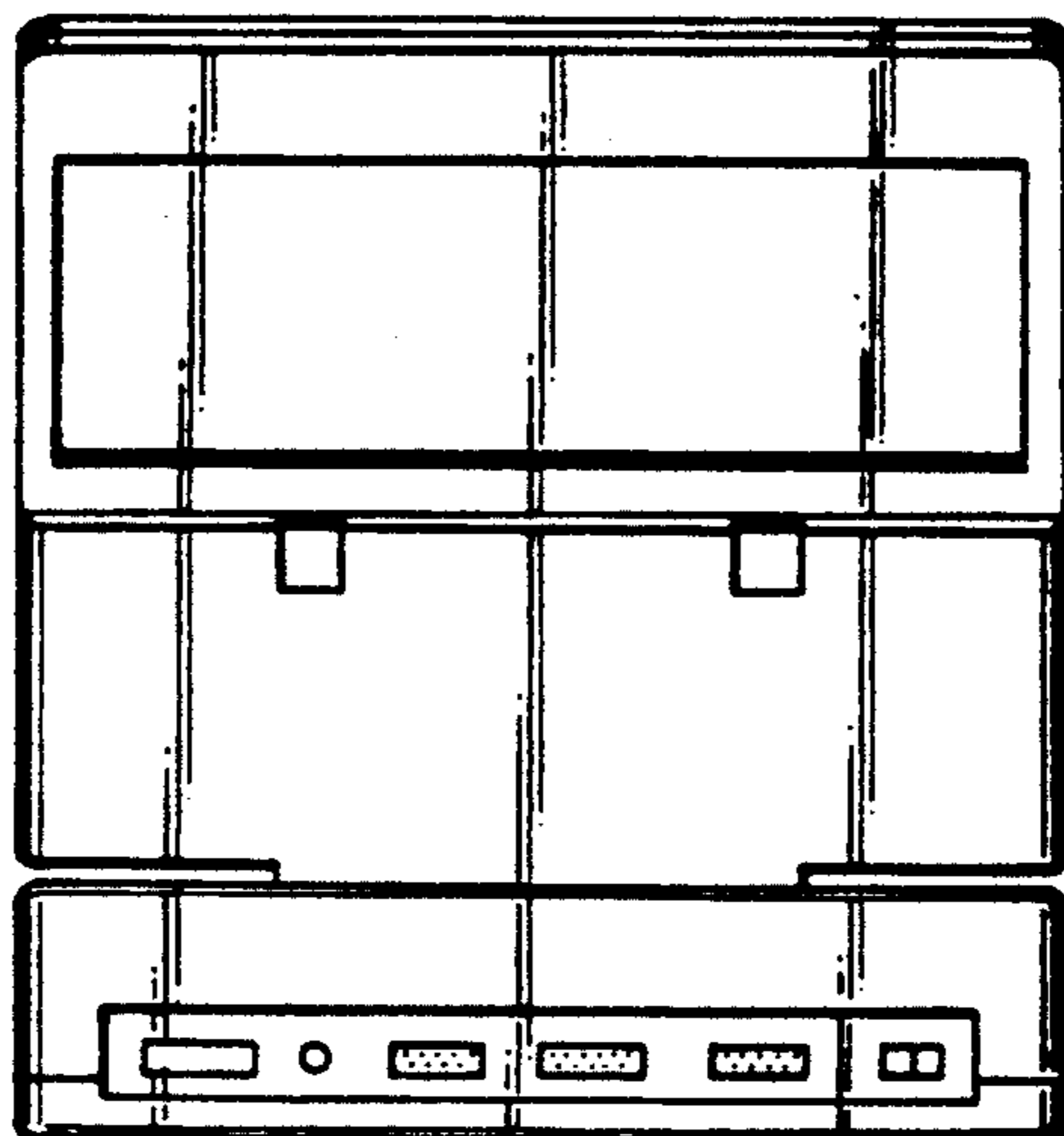


FIG.6

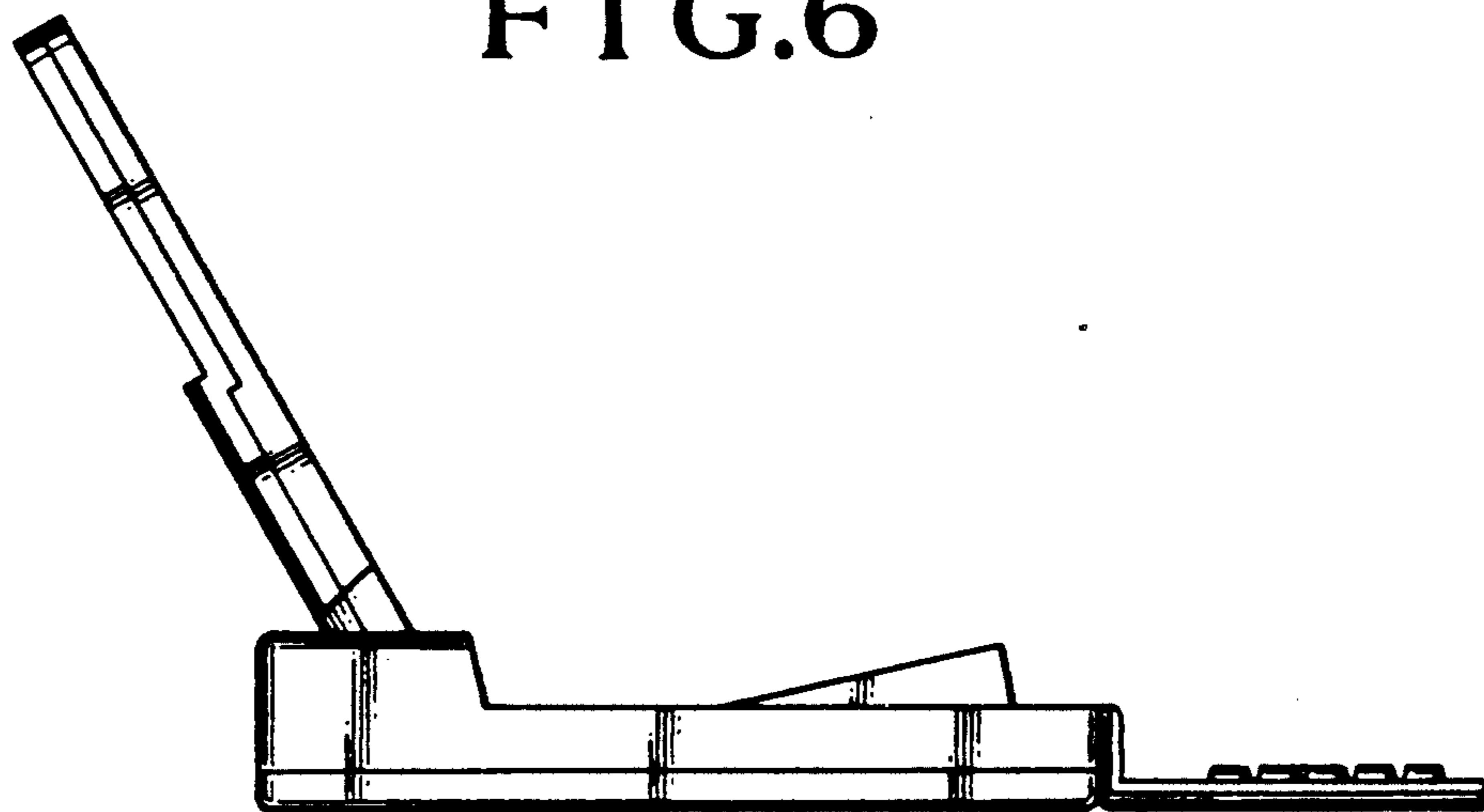


FIG.7

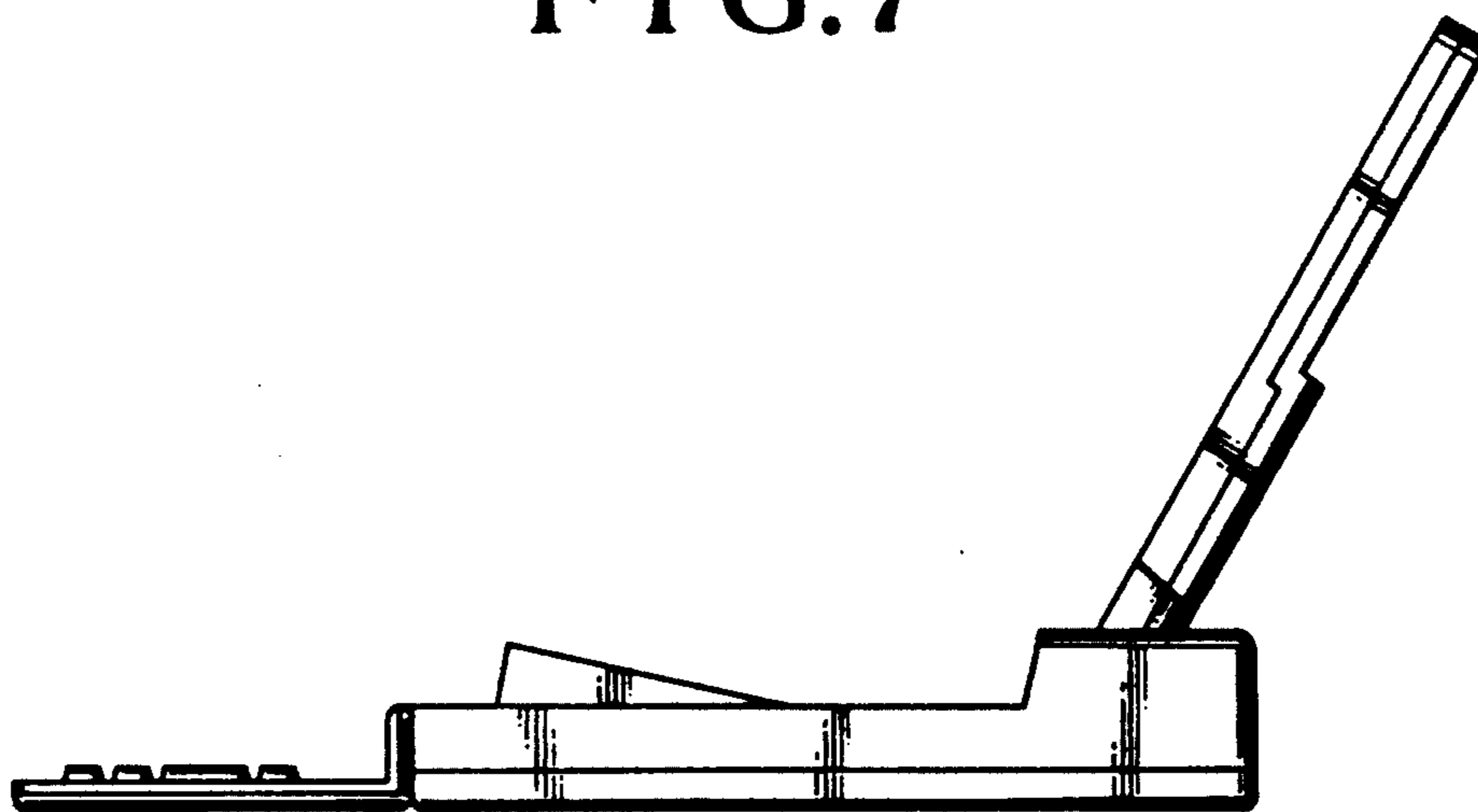




FIG.9

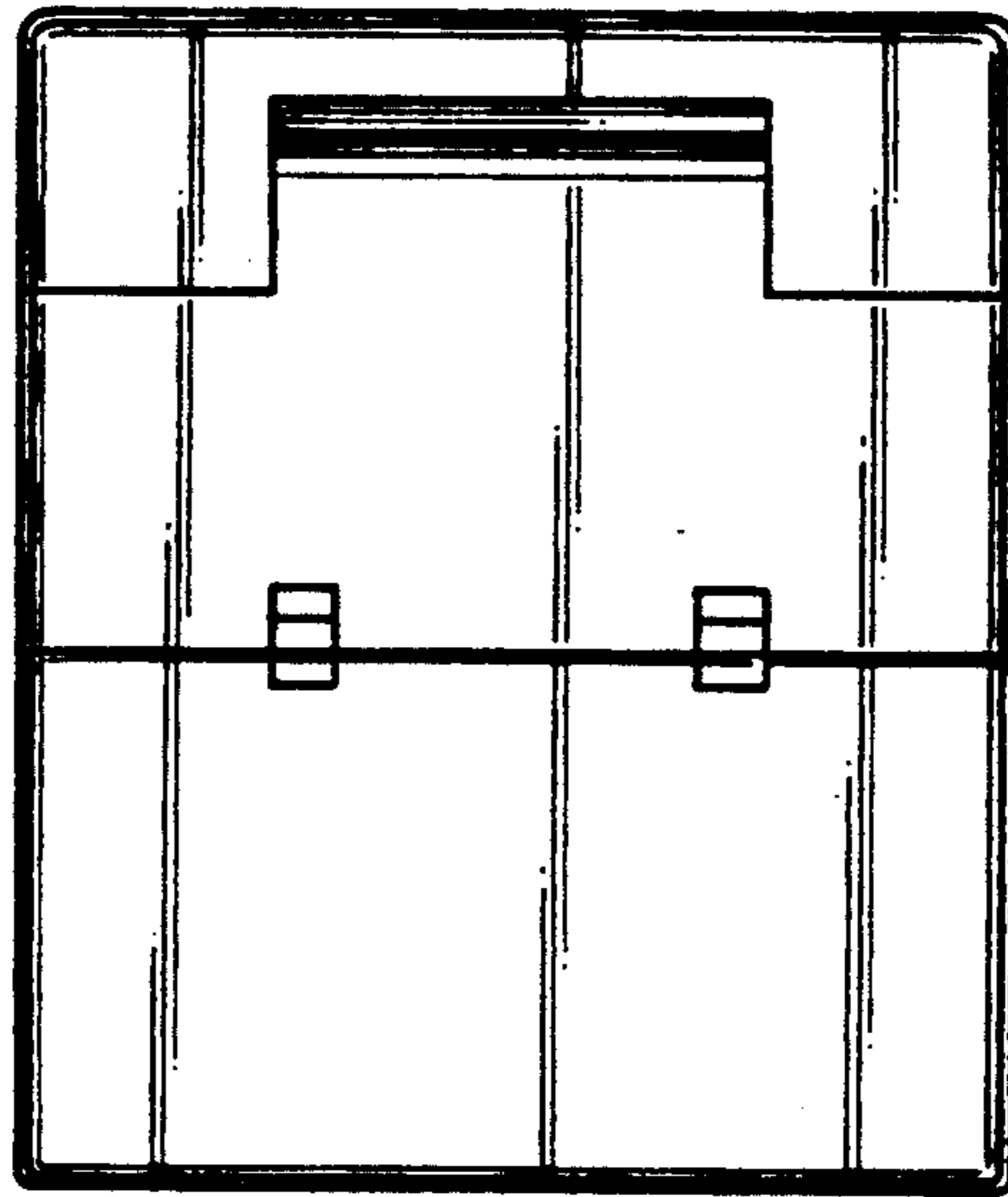


FIG.10

