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(12) **United States Design Patent**  
**Jeong**

(10) **Patent No.:** **US D766,894 S**

(45) **Date of Patent:** **\*\* Sep. 20, 2016**

(54) **ROUTER**

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(72) Inventor: **Ki Hyun Jeong**, Seoul (KR)

(73) Assignee: **LG INNOTEK CO., LTD.**, Seoul (KR)

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

(21) Appl. No.: **29/472,508**

(22) Filed: **Nov. 13, 2013**

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- Jul. 1, 2013 (KR) ..... 30-2013-0033866
- Jul. 1, 2013 (KR) ..... 30-2013-0033867
- Jul. 1, 2013 (KR) ..... 30-2013-0033868
- Jul. 1, 2013 (KR) ..... 30-2013-0033869
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(51) **LOC (10) Cl.** ..... **14-02**

(52) **U.S. Cl.**  
USPC ..... **D14/358**

(58) **Field of Classification Search**

- USPC ..... D14/240, 242, 358, 230-233, 496;  
D13/110, 123, 147, 184, 108, 107;  
379/220.1, 221.09, 221.14, 338;  
439/668, 717, 74; 709/250;  
D19/88-91; D11/200, 201; 24/67 R,  
24/555, 556, 338
  - CPC ..... G06F 1/16
- See application file for complete search history.

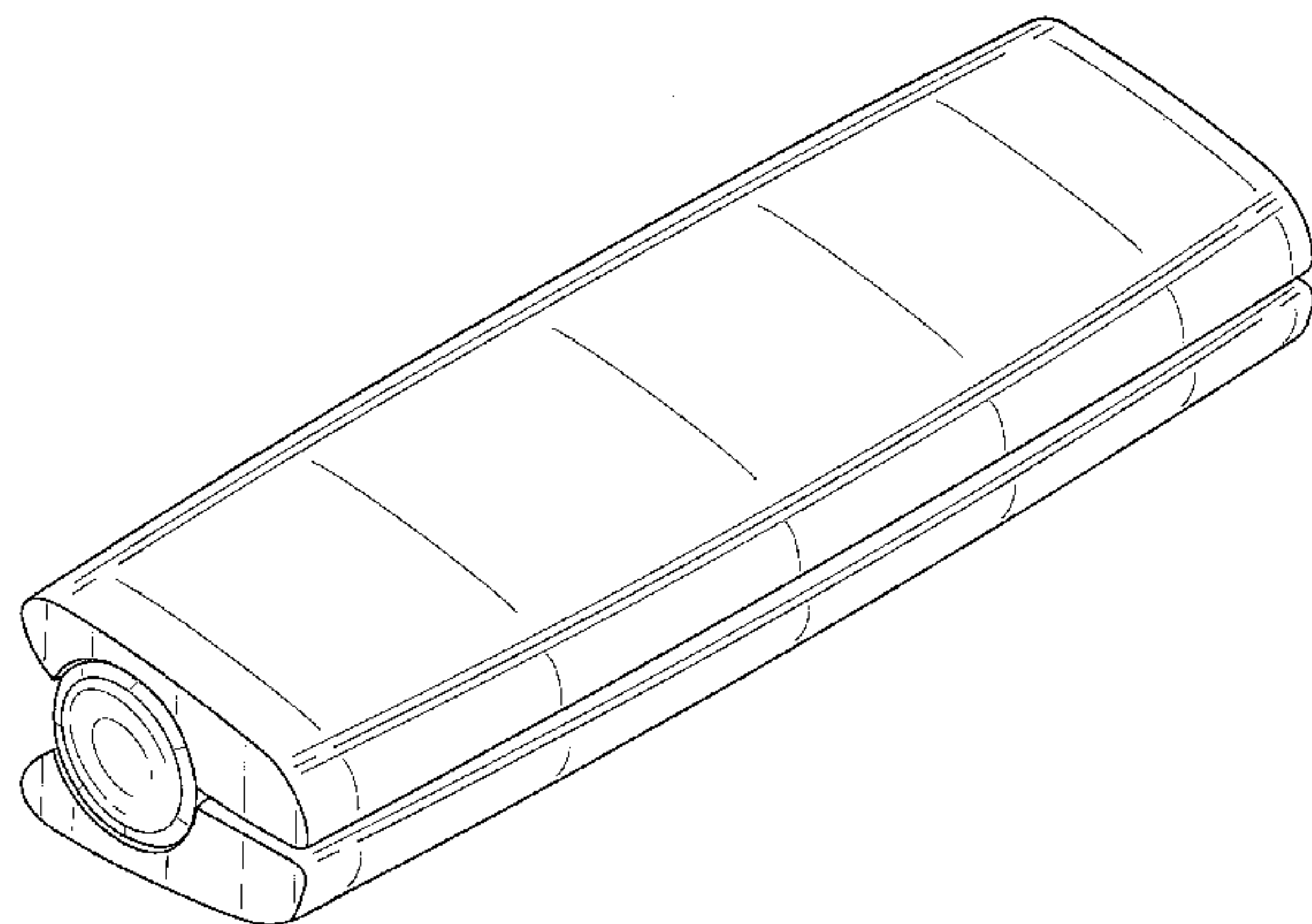
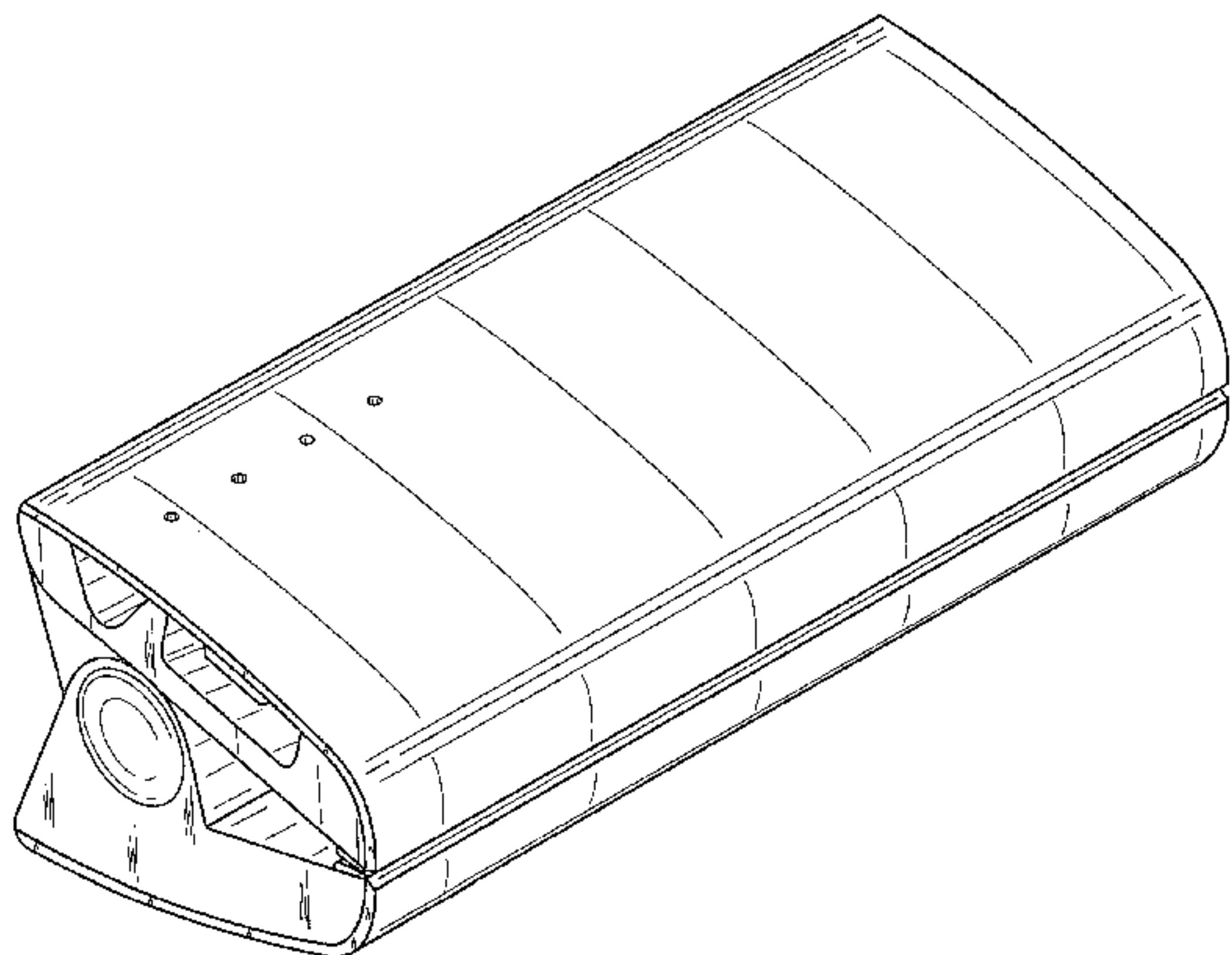
(56) **References Cited**

**U.S. PATENT DOCUMENTS**

- 1,256,426 A \* 2/1918 Baltzley ..... 24/456
- 2,824,590 A \* 2/1958 Anderson ..... B42F 7/14  
150/137

- D229,033 S \* 11/1973 Cooper ..... D8/395
- 4,083,481 A \* 4/1978 Selinko ..... A45F 5/02  
224/269
- 4,956,895 A \* 9/1990 Hayasaka ..... A44B 99/00  
224/667
- D312,617 S \* 12/1990 Makita et al. .... D13/154
- 5,081,701 A \* 1/1992 Silver ..... G06F 13/423  
710/105
- 5,261,122 A \* 11/1993 Otsuki ..... A45F 5/02  
224/670
- D343,383 S \* 1/1994 Hall et al. .... D13/133
- 5,488,759 A \* 2/1996 Lim ..... A45F 5/02  
24/3.12
- 5,495,644 A \* 3/1996 Mesher ..... B42D 15/045  
24/16 R
- D384,106 S \* 9/1997 Shinya ..... D19/65
- D401,930 S \* 12/1998 Scalisi ..... D14/138 AB
- D401,935 S \* 12/1998 Scalisi ..... D14/138 AB
- D416,562 S \* 11/1999 Larson et al. .... D14/242
- 6,101,689 A \* 8/2000 Jo ..... A45F 5/02  
24/332
- D453,154 S \* 1/2002 Åstradsson ..... D14/240
- D467,240 S \* 12/2002 Ruohonen ..... D14/205
- 6,547,201 B2 \* 4/2003 Barich ..... G11B 33/0411  
206/228
- 6,752,299 B2 \* 6/2004 Shetler ..... A45F 5/02  
224/197
- D497,186 S \* 10/2004 Cetera ..... D19/88
- D500,083 S \* 12/2004 Chen et al. .... D19/65
- D559,234 S \* 1/2008 Girard ..... D14/240
- D566,537 S \* 4/2008 Wen-Po ..... D8/395
- D587,682 S \* 3/2009 Miles ..... D14/205
- D592,647 S \* 5/2009 L'Henaff ..... D14/240
- D597,087 S \* 7/2009 Herbst et al. .... D14/240
- D601,961 S \* 10/2009 Mahaffey ..... D13/110
- D608,628 S \* 1/2010 Knuuttila ..... D8/395
- D613,273 S \* 4/2010 Liner ..... D14/223
- D628,535 S \* 12/2010 Cheng ..... D13/108
- D631,838 S \* 2/2011 Cheng ..... D13/108
- D637,583 S \* 5/2011 Beal et al. .... D14/217
- D637,983 S \* 5/2011 Kim et al. .... D14/125
- D638,409 S \* 5/2011 Walter ..... D14/223
- D638,854 S \* 5/2011 Andre ..... D14/496
- D639,707 S \* 6/2011 Caskey et al. .... D11/201
- D644,221 S \* 8/2011 Kemery ..... D14/240
- 8,005,518 B1 \* 8/2011 Birsal et al. .... 455/575.1
- D651,208 S \* 12/2011 Pacyga et al. .... D14/358
- D698,340 S \* 1/2014 Petersen et al. .... D14/240
- D718,752 S \* 12/2014 Wang ..... D14/240
- 2007/0072657 A1 \* 3/2007 Hyun et al. .... 455/575.3
- 2008/0104801 A1 \* 5/2008 Yeh ..... A45F 5/02  
24/3.12

\* cited by examiner



*Primary Examiner* — Paula Greene

(74) *Attorney, Agent, or Firm* — Ked & Associates LLP

(57)

**CLAIM**

I claim the ornamental design for a router, as shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of a router according to an embodiment of my design;

FIG. 2 is a front view of the router of FIG. 1;

FIG. 3 is a rear view of the router of FIG. 1;

FIG. 4 is a first side view of the router of FIG. 1;

FIG. 5 is a second side view of the router of FIG. 1;

FIG. 6 is a top plan view of the router of FIG. 1;

FIG. 7 is a bottom plan view of the router of FIG. 1;

FIG. 8 is a front perspective view of an exemplary touchpad device utilizing the router of FIG. 1;

FIG. 9 is an additional first side view of the router of FIG. 1, showing the router of FIG. 1 expanded;

FIG. 10 is a front perspective view of a router according to another embodiment of my design;

FIG. 11 is a front view of the router of FIG. 10;

FIG. 12 is a rear view of the router of FIG. 10;

FIG. 13 is a first side view of the router of FIG. 10;

FIG. 14 is a second side view of the router of FIG. 10;

FIG. 15 is a top plan view of the router of FIG. 10;

FIG. 16 is a bottom plan view of the router of FIG. 10;

FIG. 17 is a front perspective view of an exemplary touchpad device utilizing the router of FIG. 10;

FIG. 18 is an additional first side view of the router of FIG. 10, showing the router of FIG. 10 expanded;

FIG. 19 is a front perspective view of a router according to another embodiment of my design;

FIG. 20 is a front view of the router of FIG. 19;

FIG. 21 is a rear view of the router of FIG. 19;

FIG. 22 is a first side view of the router of FIG. 19;

FIG. 23 is a second side view of the router of FIG. 19;

FIG. 24 is a top plan view of the router of FIG. 19;

FIG. 25 is a bottom plan view of the router of FIG. 19;

FIG. 26 is a front perspective view of an exemplary touchpad device utilizing the router of FIG. 19;

FIG. 27 is an additional first side view of the router of FIG. 19, showing the router of FIG. 19 expanded;

FIG. 28 is a front perspective view of a router according to my design;

FIG. 29 is a front view of the router of FIG. 28;

FIG. 30 is a rear view of the router of FIG. 28;

FIG. 31 is a first side view of the router of FIG. 28;

FIG. 32 is a second side view of the router of FIG. 28;

FIG. 33 is a top plan view of the router of FIG. 28;

FIG. 34 is a bottom plan view of the router of FIG. 28;

FIG. 35 is a front perspective view of an exemplary touchpad device utilizing the router of FIG. 28;

FIG. 36 is an additional first side view of the router of FIG. 28, showing the router of FIG. 28 expanded;

FIG. 37 is a front perspective view of a router according to another embodiment of my design;

FIG. 38 is a front view of the router of FIG. 37;

FIG. 39 is a rear view of the router of FIG. 37;

FIG. 40 is a first side view of the router of FIG. 37;

FIG. 41 is a second side view of the router of FIG. 37;

FIG. 42 is a top plan view of the router of FIG. 37;

FIG. 43 is a bottom plan view of the router of FIG. 37;

FIG. 44 is a front perspective view of an exemplary touchpad device utilizing the router of FIG. 37;

FIG. 45 is an additional first side view of the router of FIG. 37, showing the router of FIG. 37 expanded;

FIG. 46 is a front perspective view of a router according to another embodiment of my design;

FIG. 47 is a front view of the router of FIG. 46;

FIG. 48 is a rear view of the router of FIG. 46;

FIG. 49 is a first side view of the router of FIG. 46;

FIG. 50 is a second side view of the router of FIG. 46;

FIG. 51 is a top plan view of the router of FIG. 46;

FIG. 52 is a bottom plan view of the router of FIG. 46;

FIG. 53 is a front perspective view of an exemplary touchpad device utilizing the router of FIG. 46; and,

FIG. 54 is an additional first side view of the router of FIG. 46, showing the router of FIG. 46 expanded.

The broken lines shown in the drawings form no part of the claimed design.

**1 Claim, 36 Drawing Sheets**



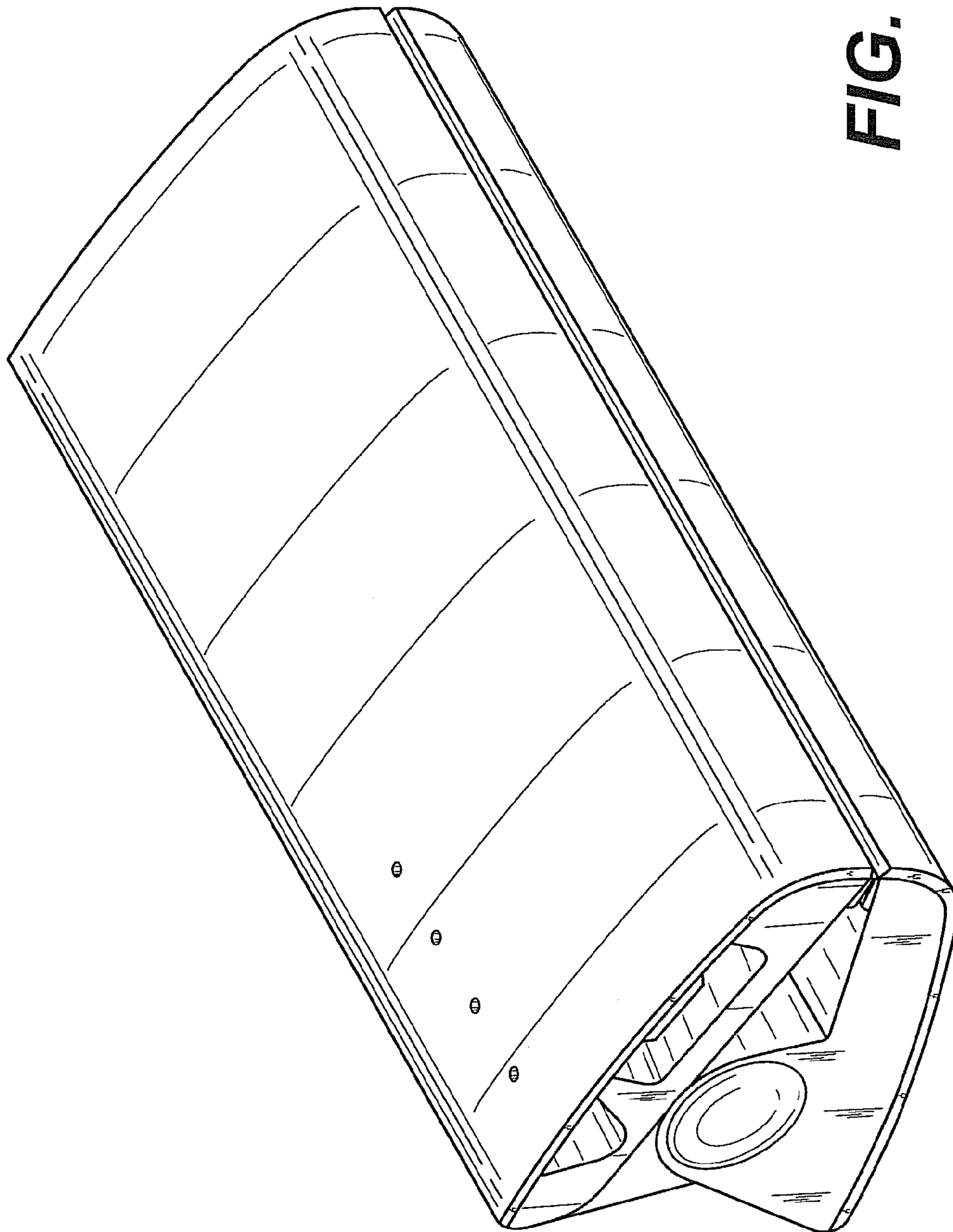
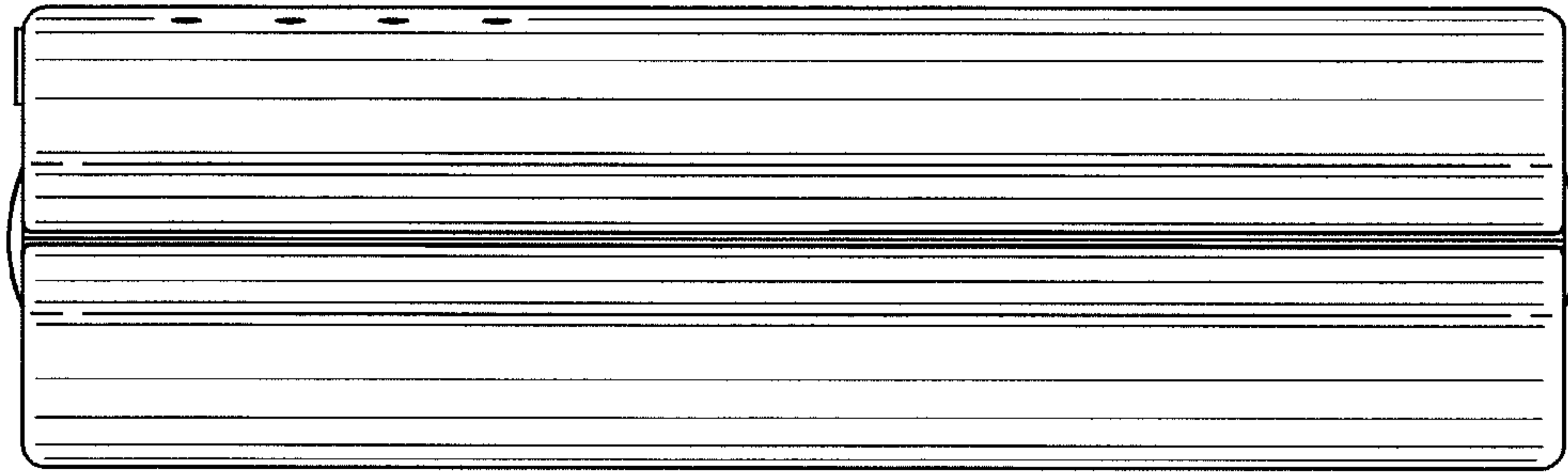
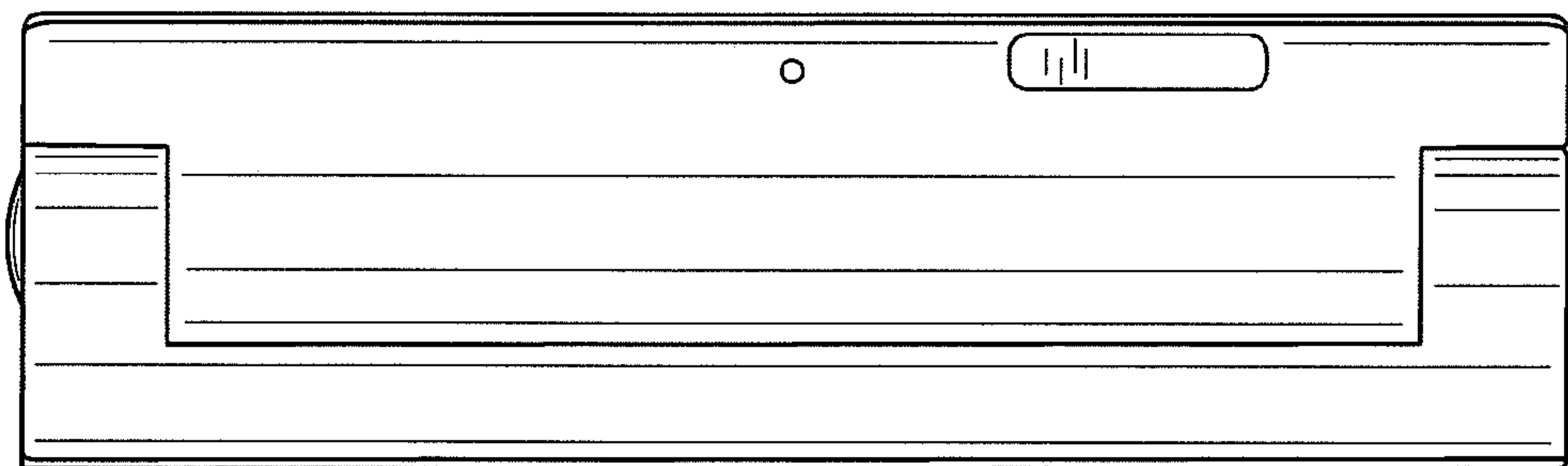


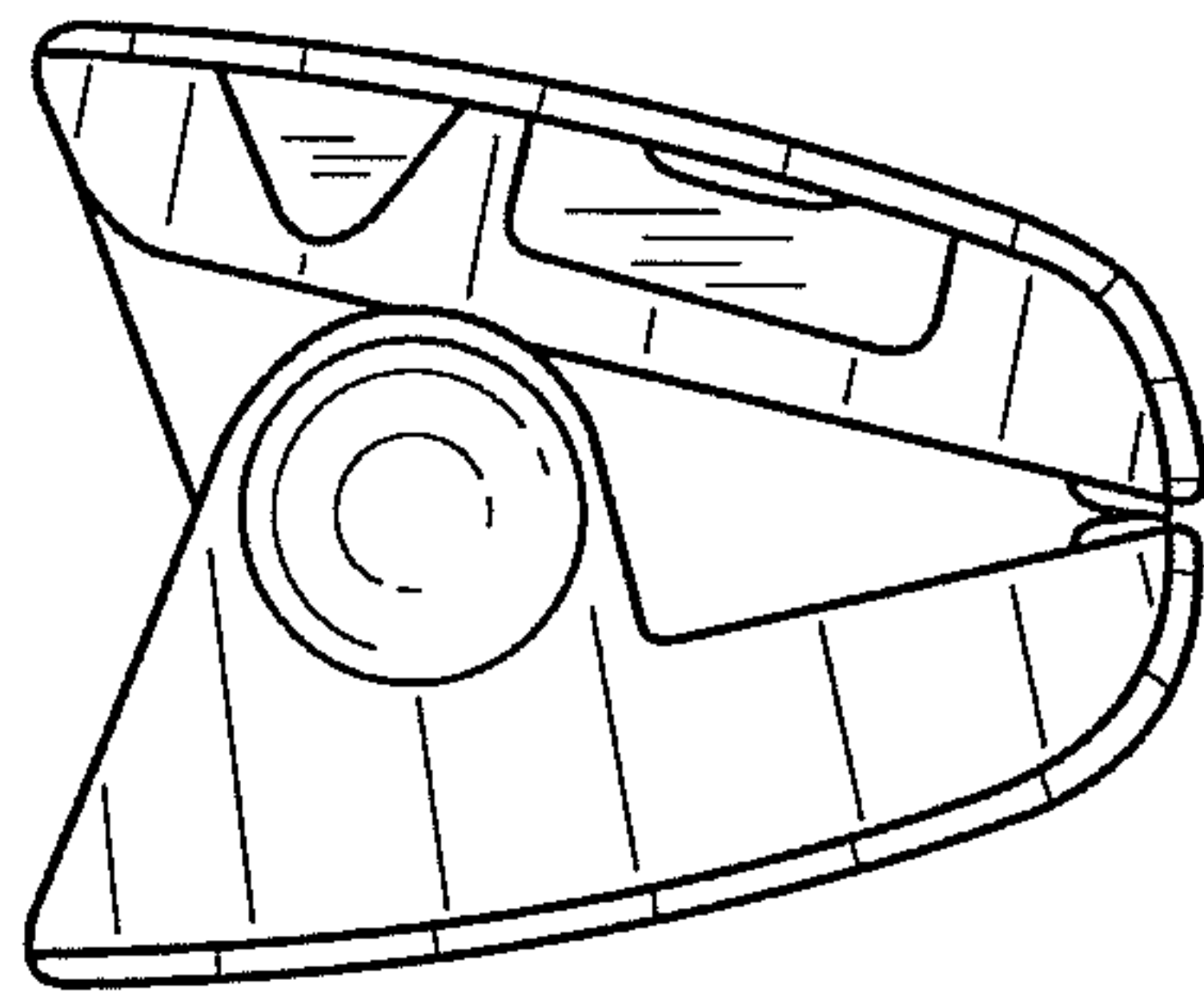
FIG. 1



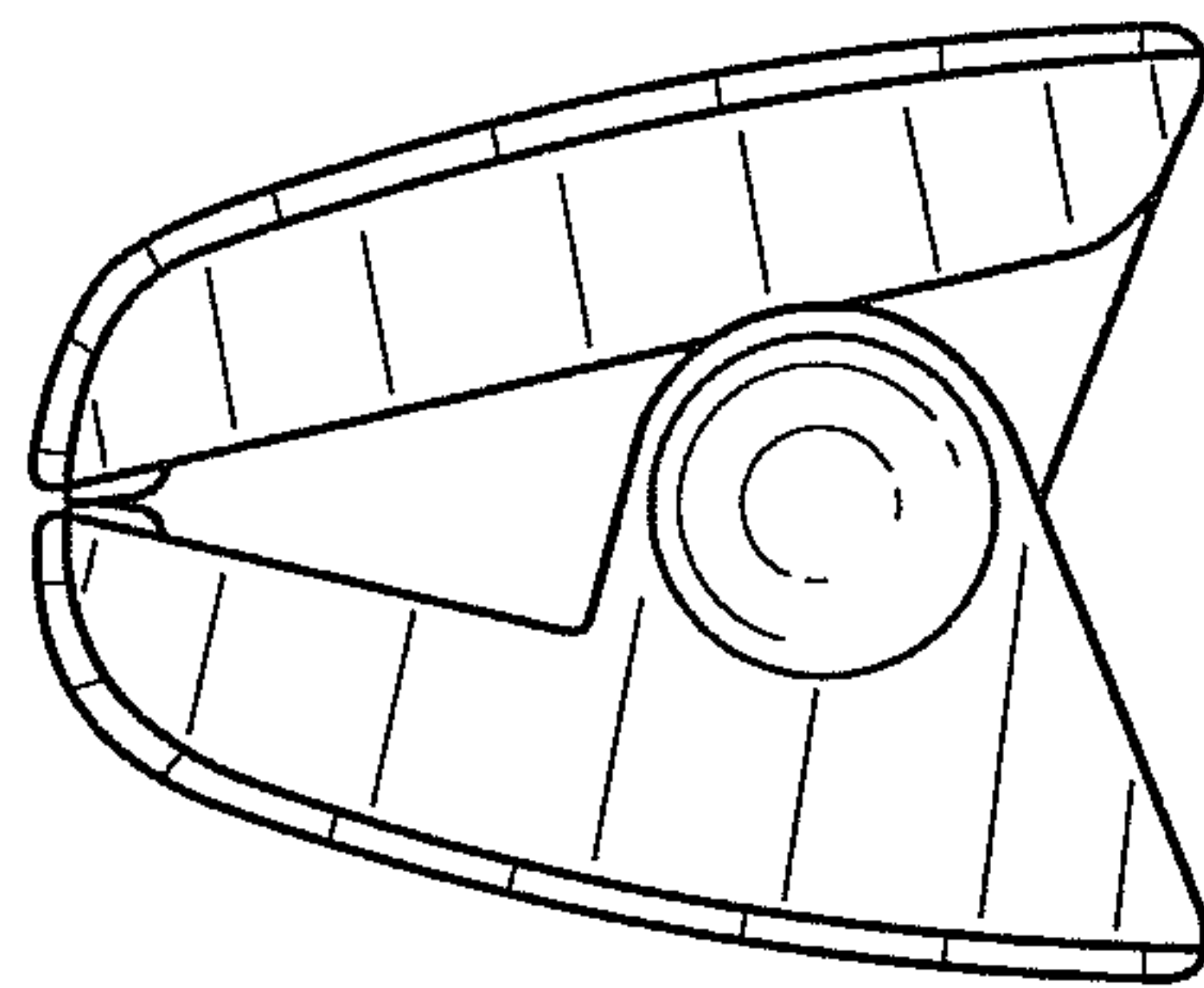
**FIG. 2**



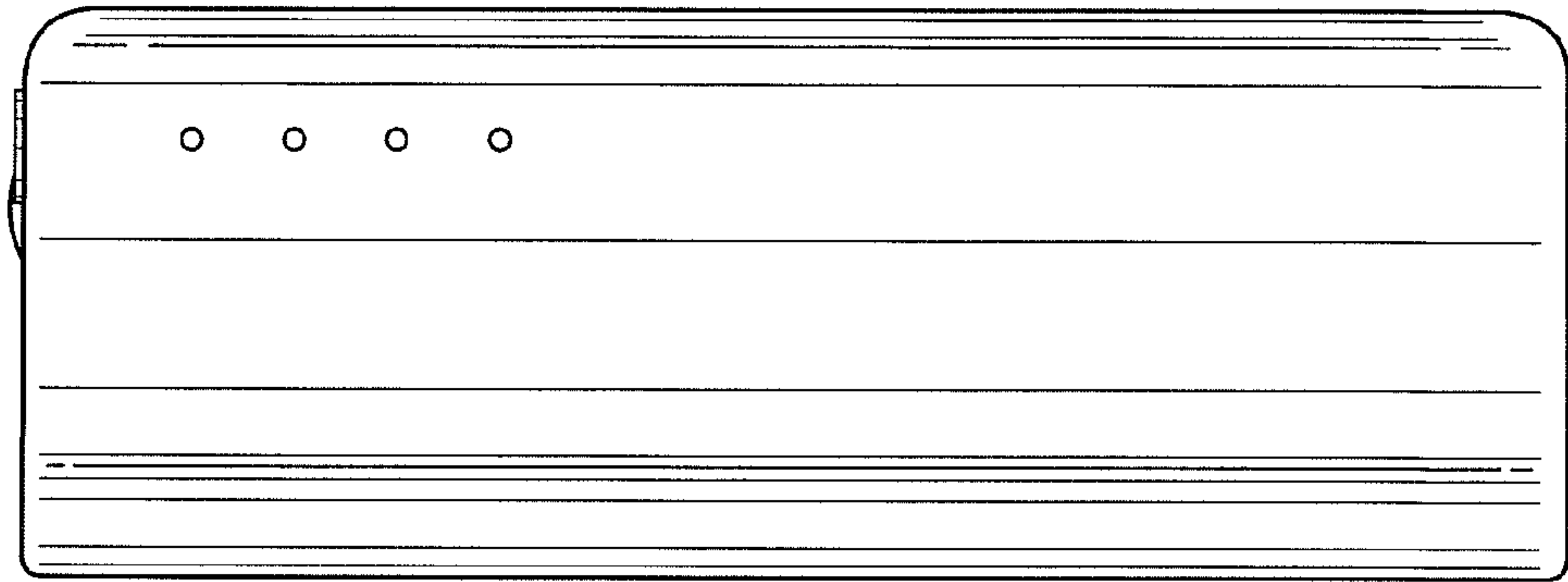
**FIG. 3**



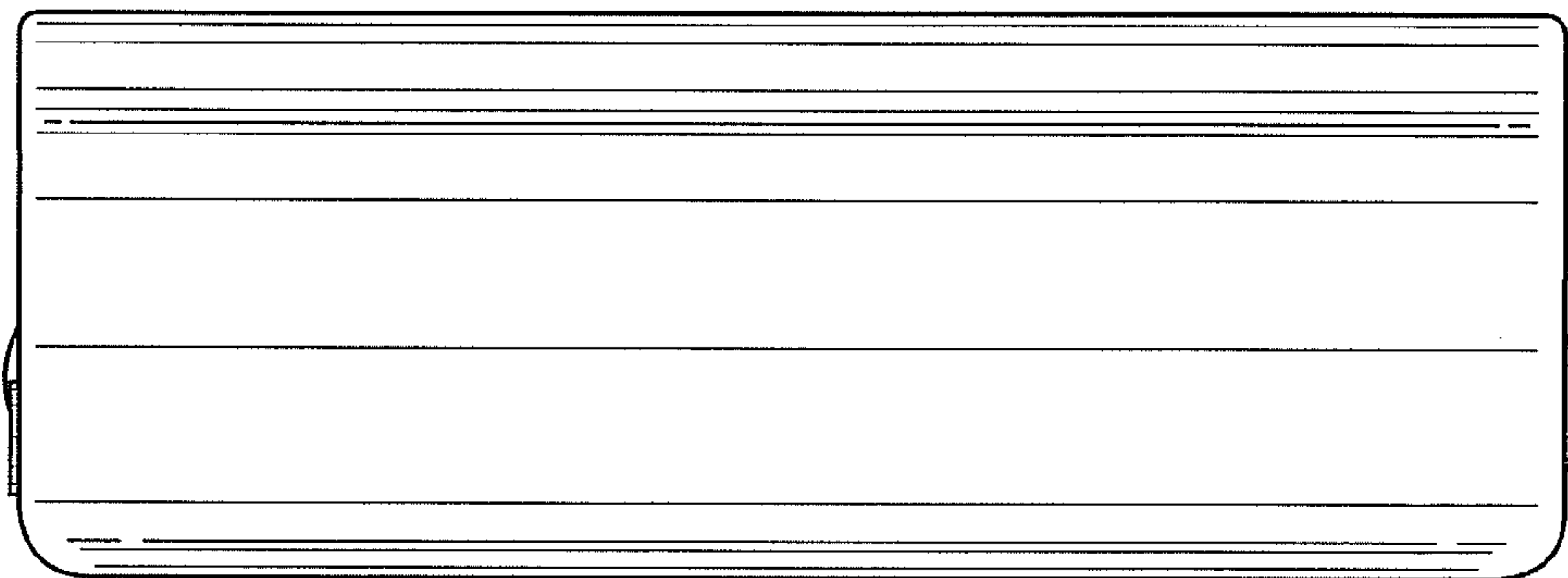
**FIG. 4**



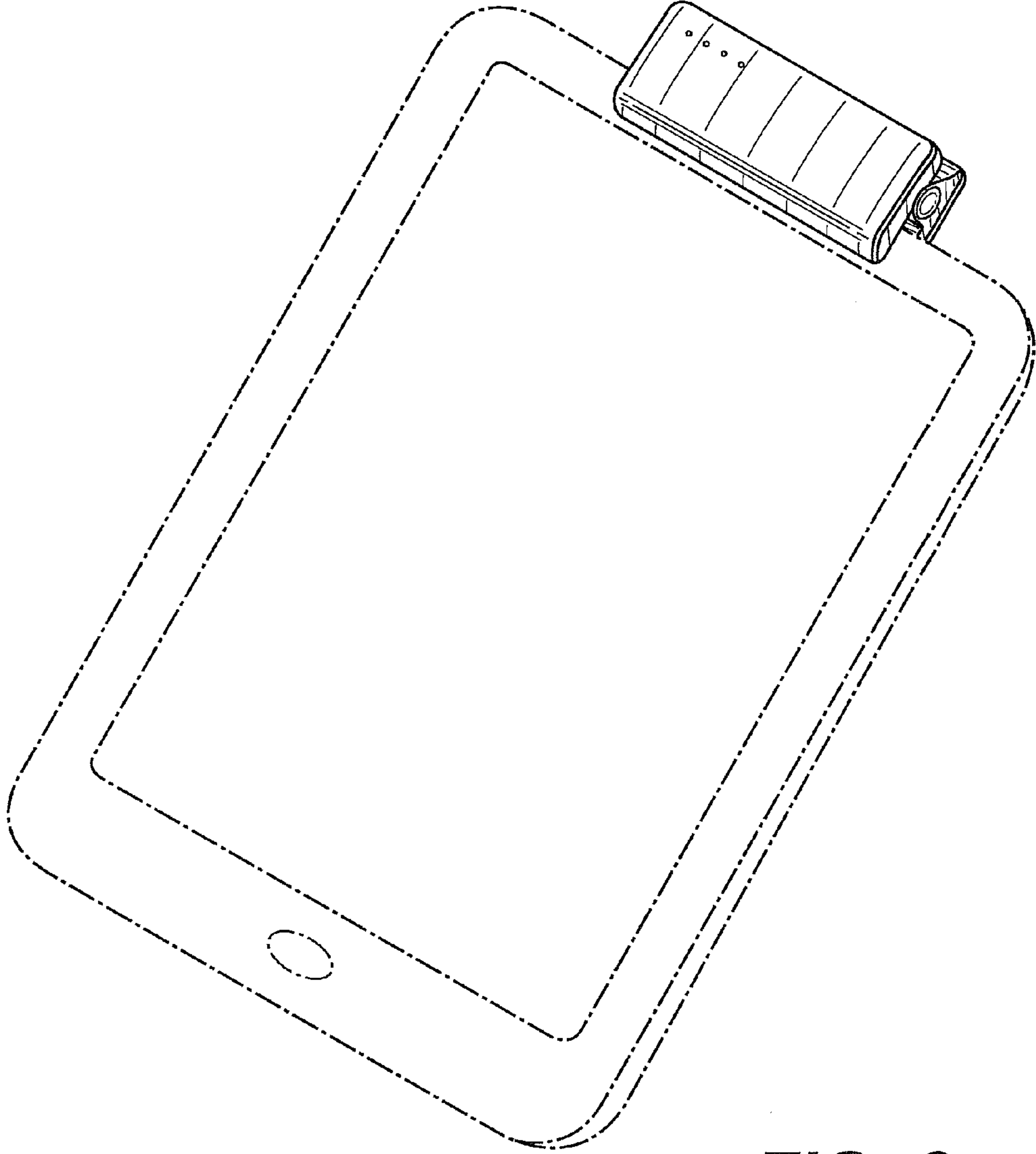
**FIG. 5**



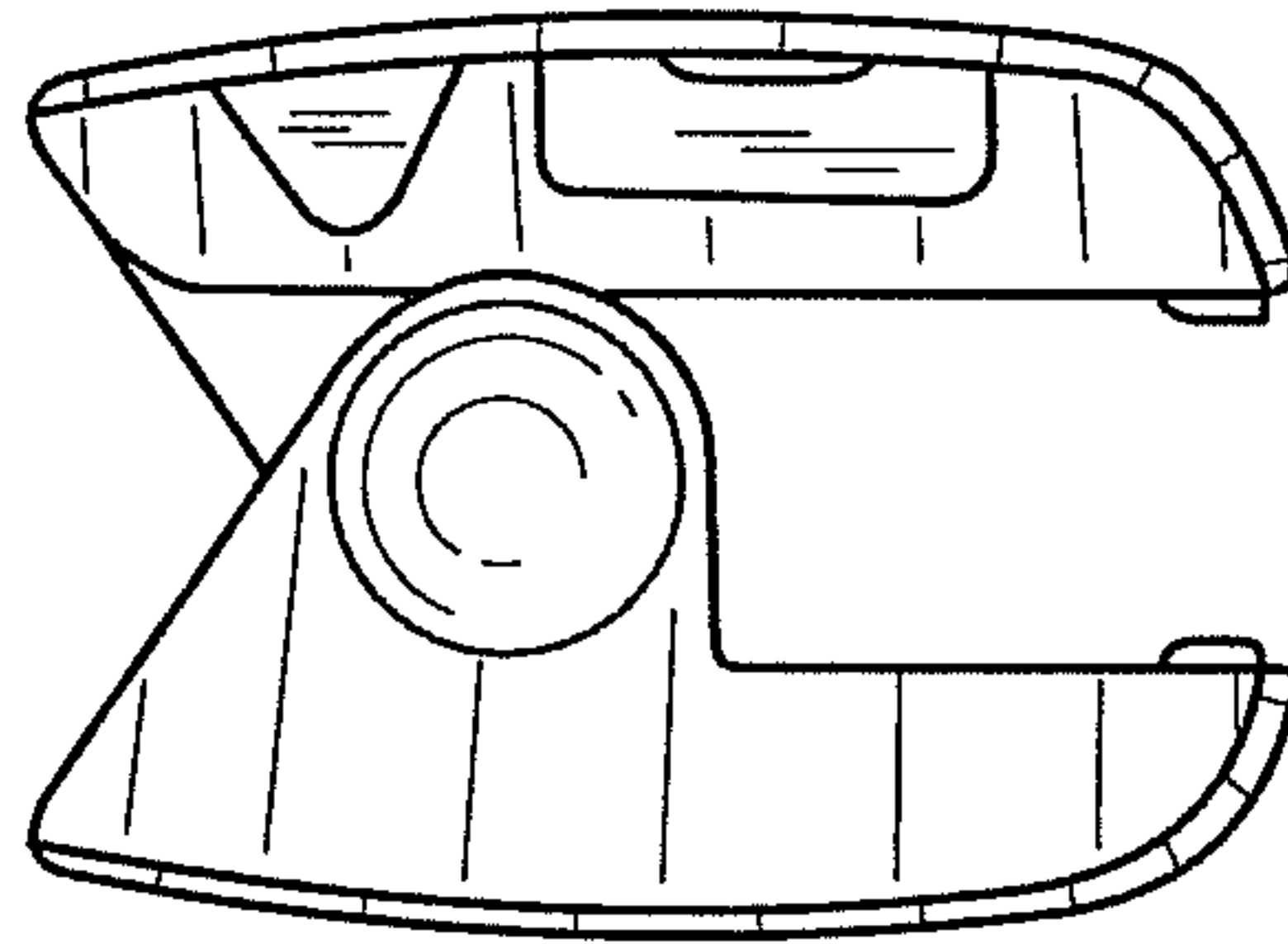
**FIG. 6**



**FIG. 7**

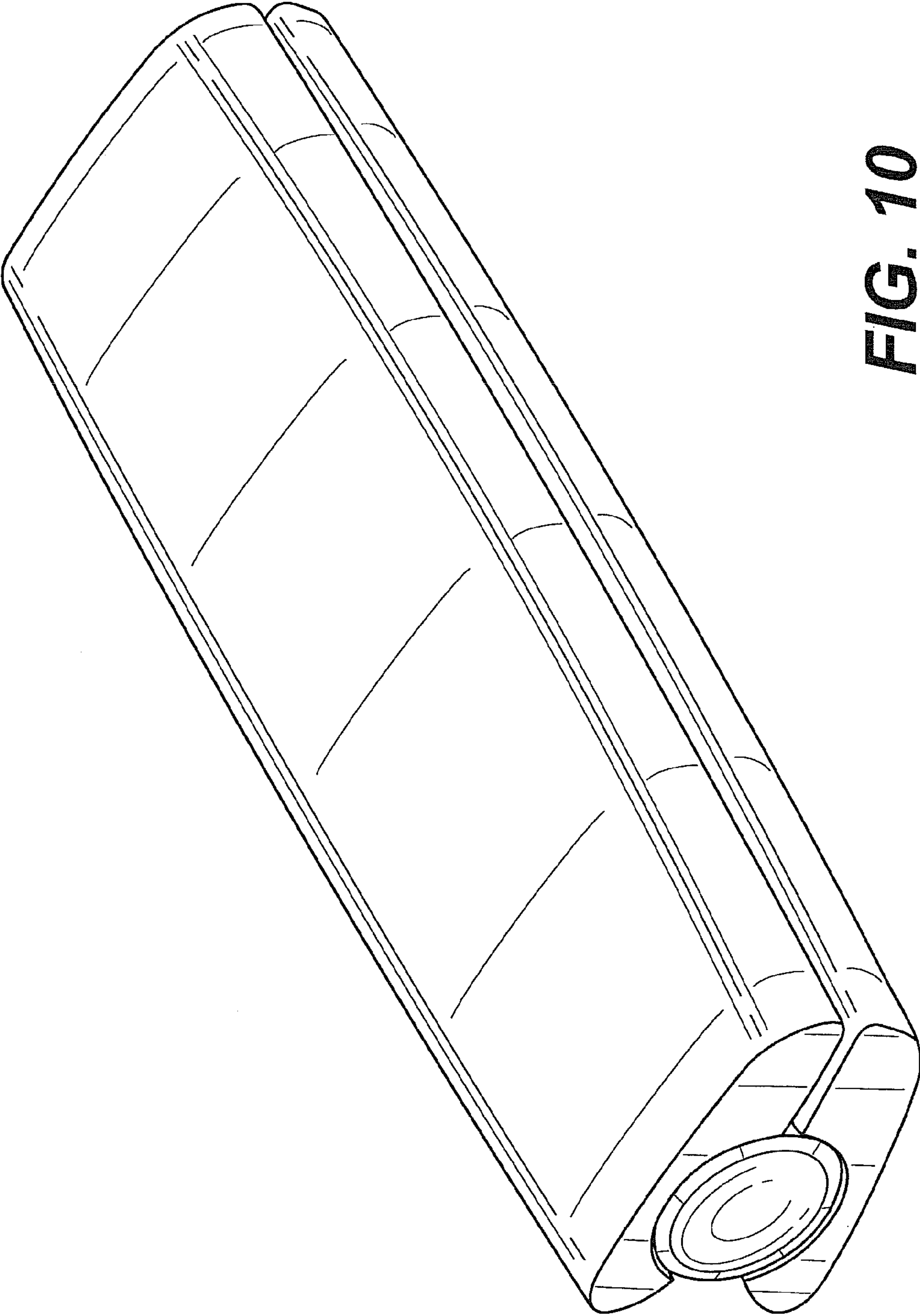


**FIG. 8**

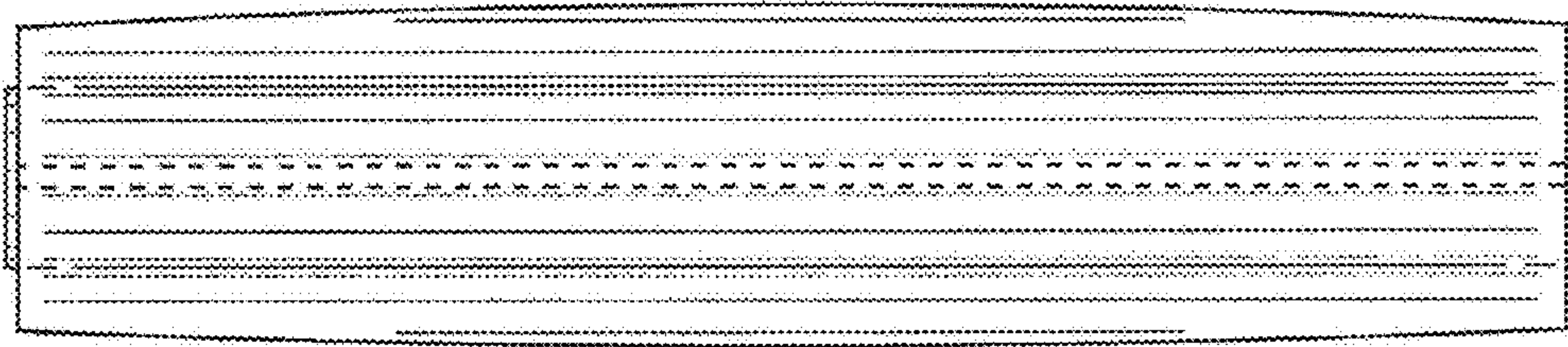


**FIG. 9**

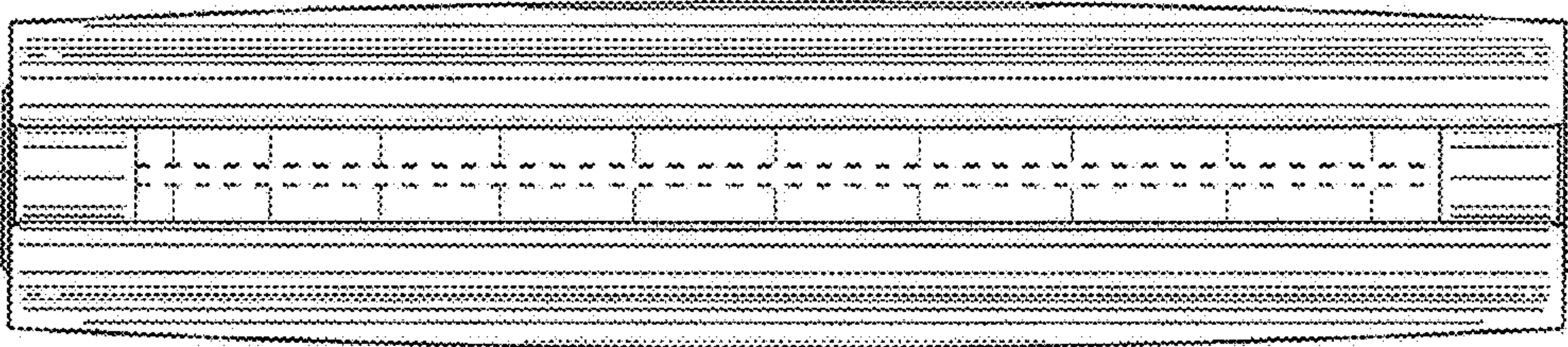




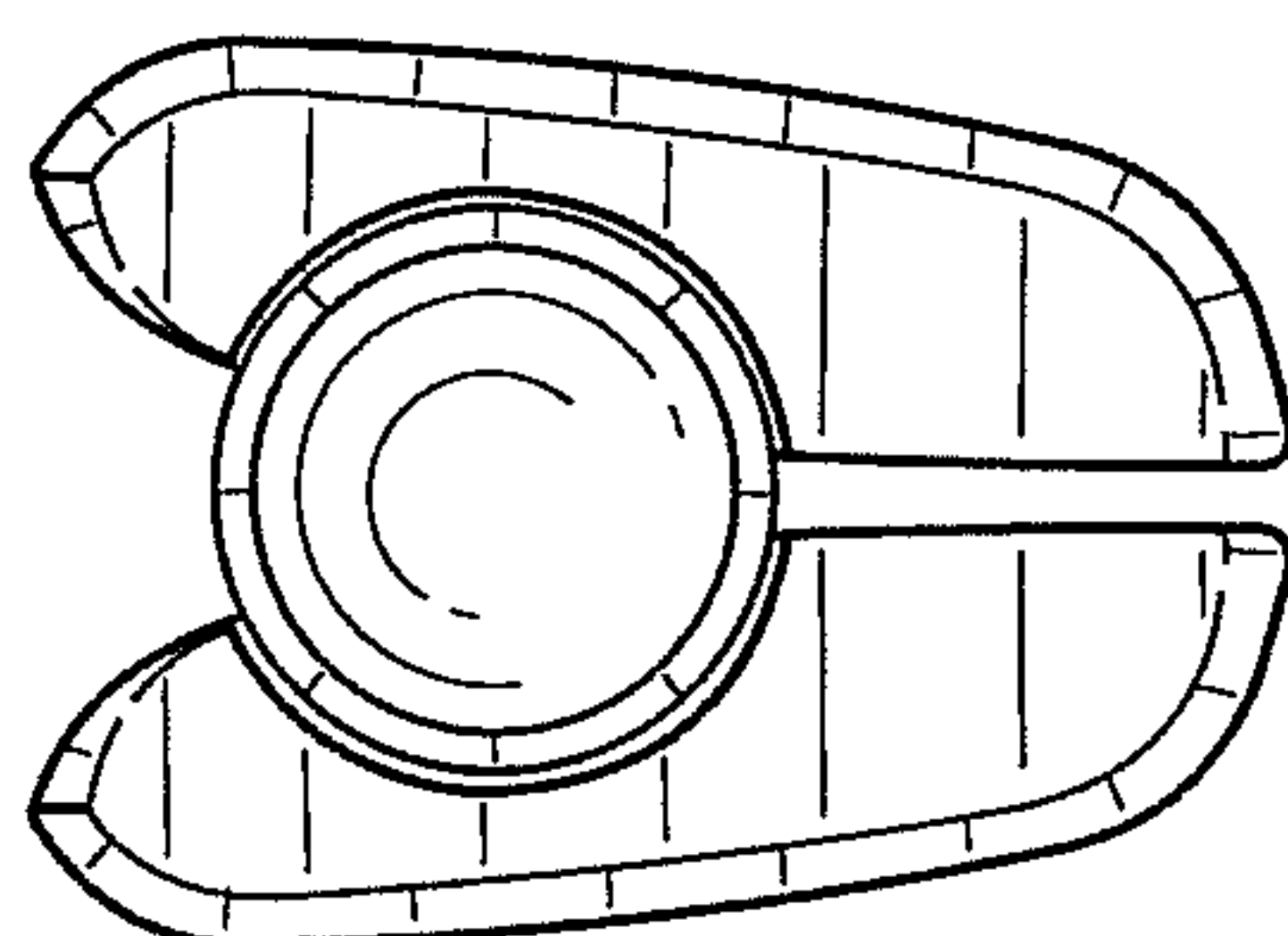
**FIG. 10**



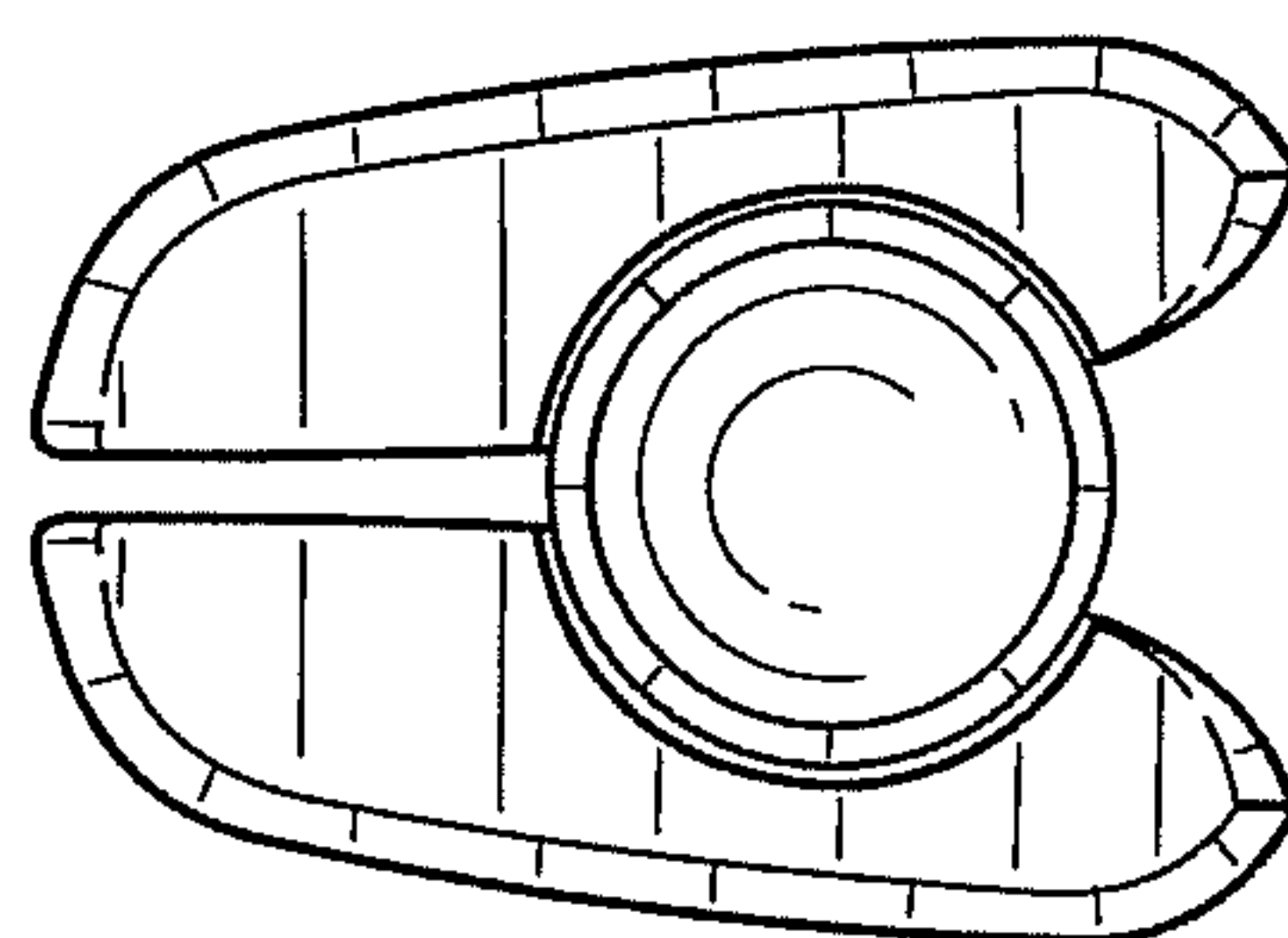
**FIG. 11**



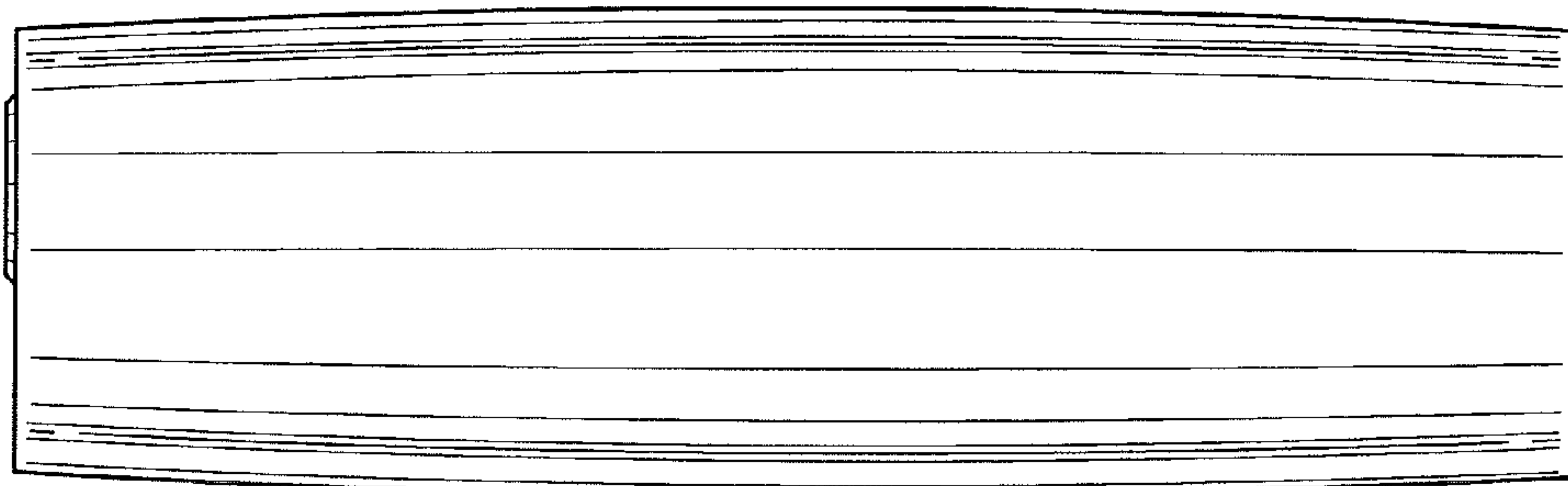
**FIG. 12**



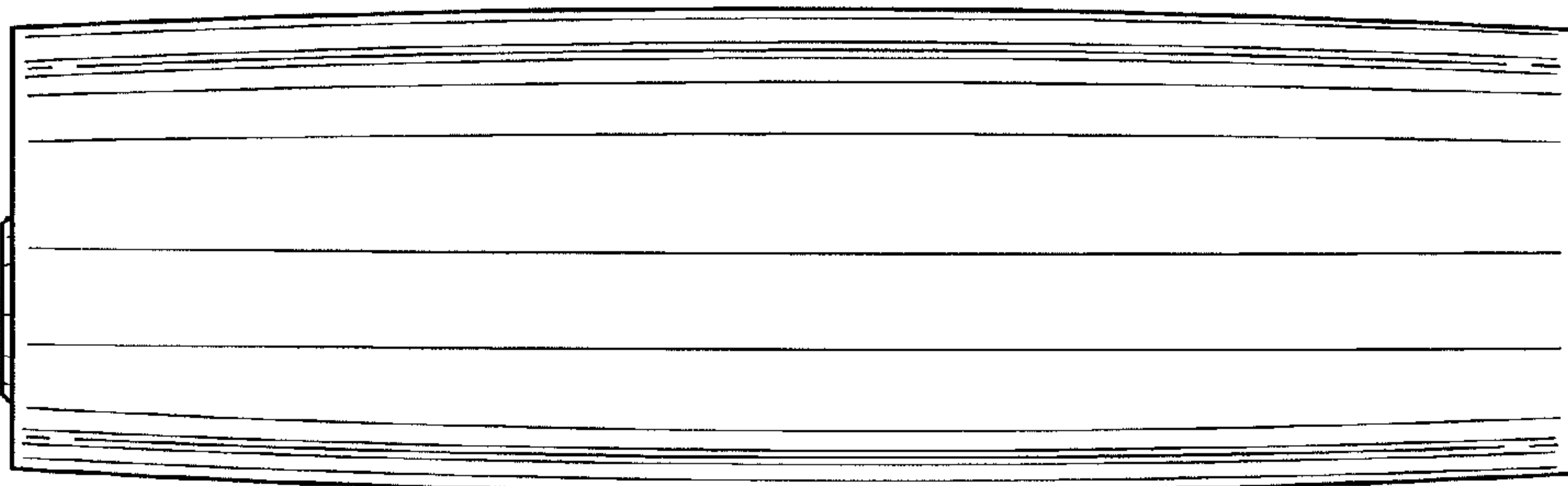
**FIG. 13**



**FIG. 14**

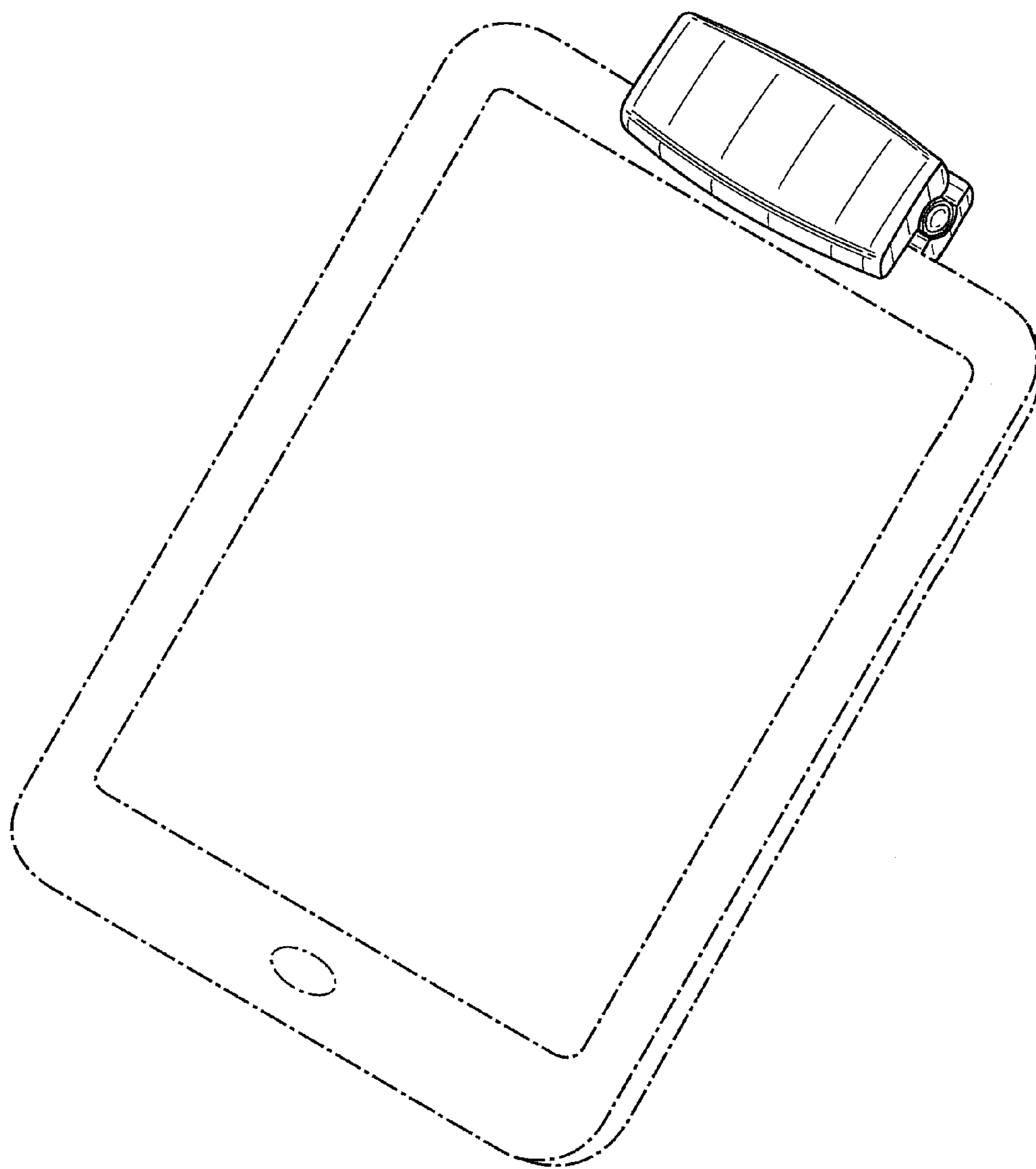


**FIG. 15**

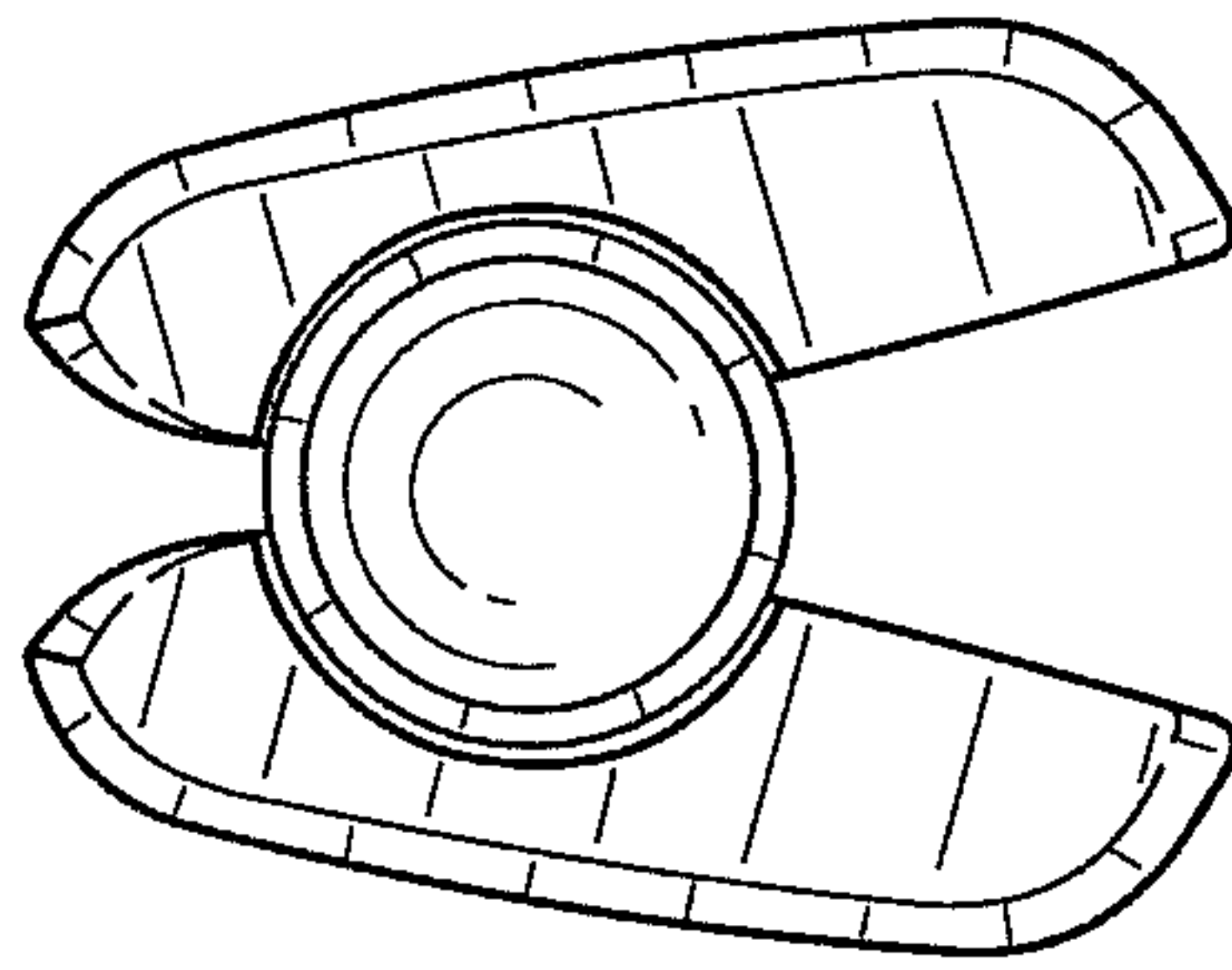


**FIG. 16**





**FIG. 17**



***FIG. 18***

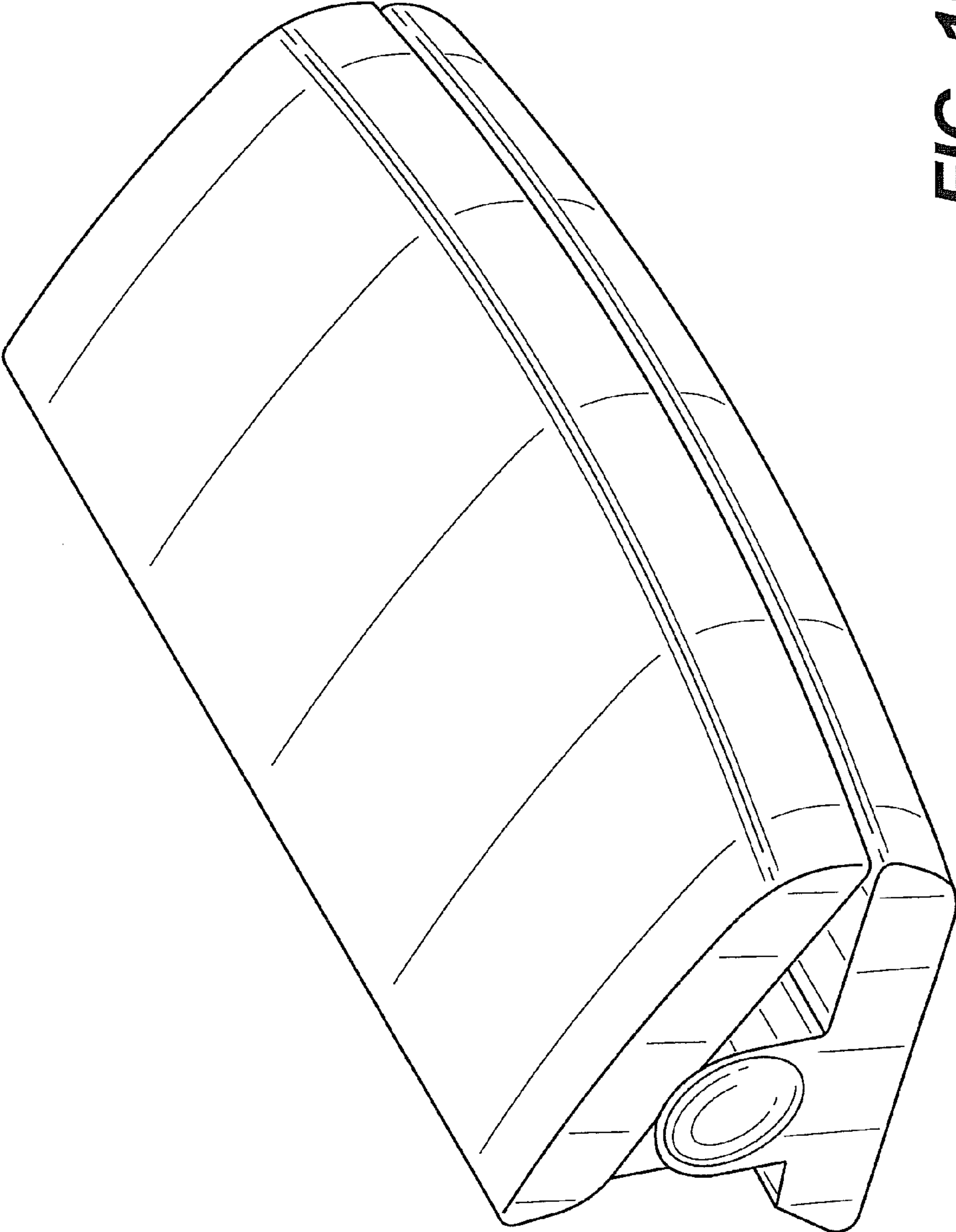
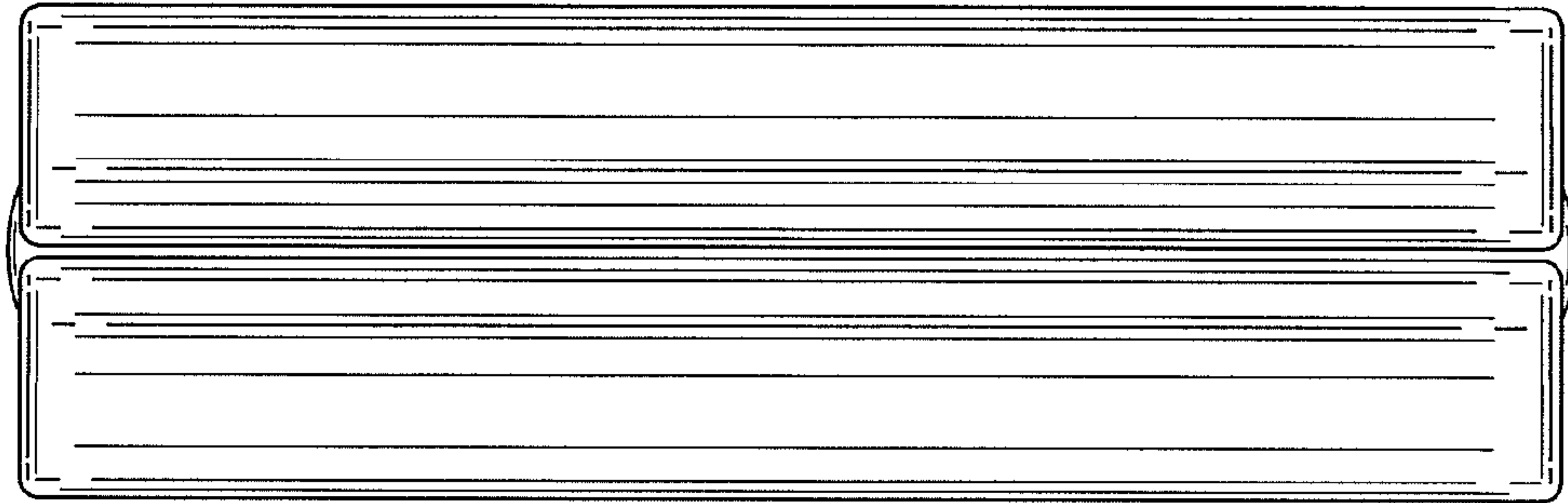
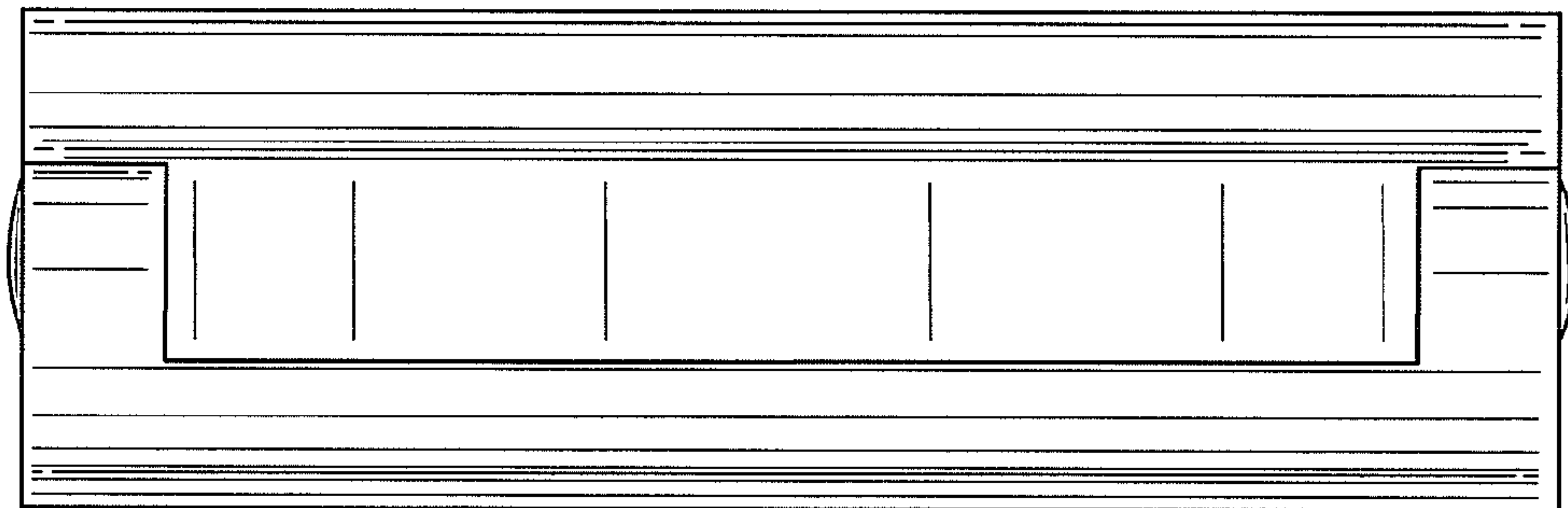


FIG. 19

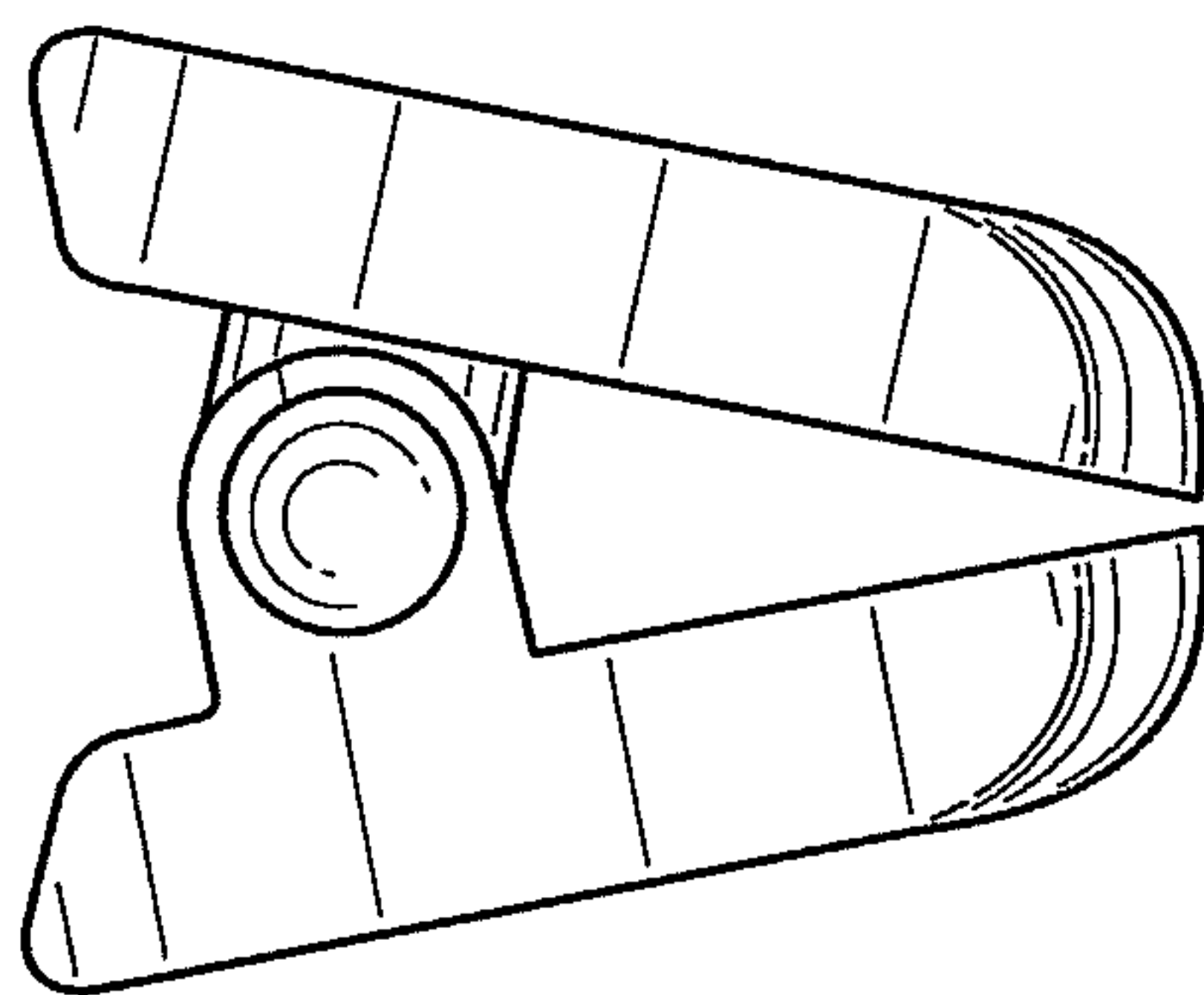


**FIG. 20**

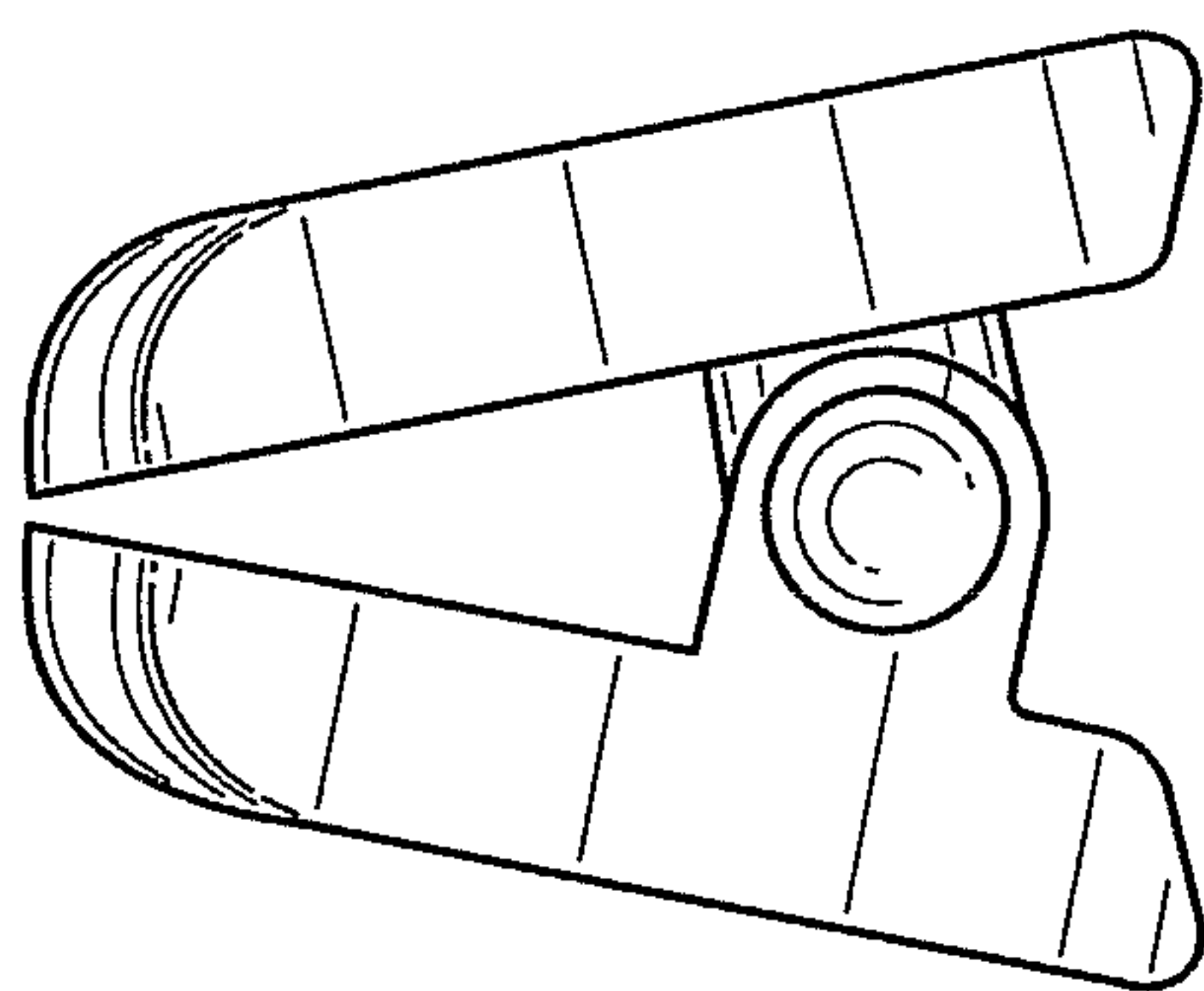


**FIG. 21**

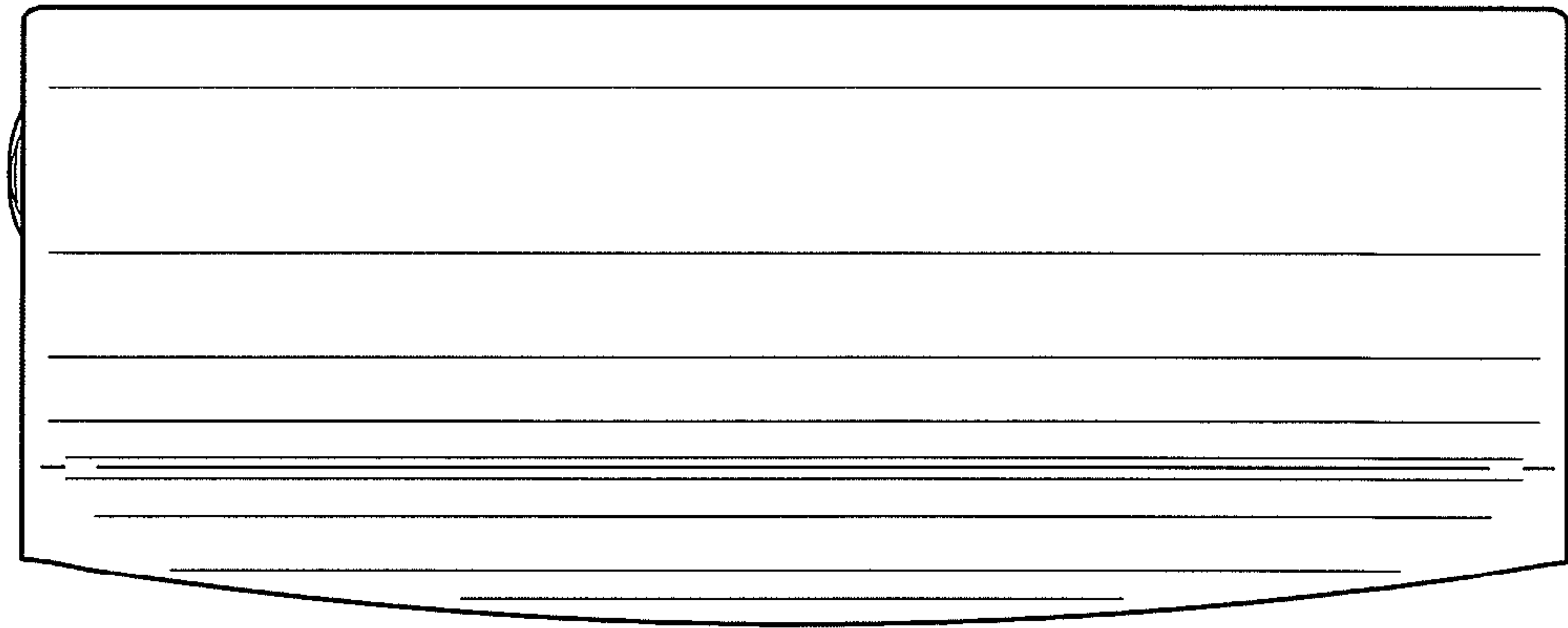




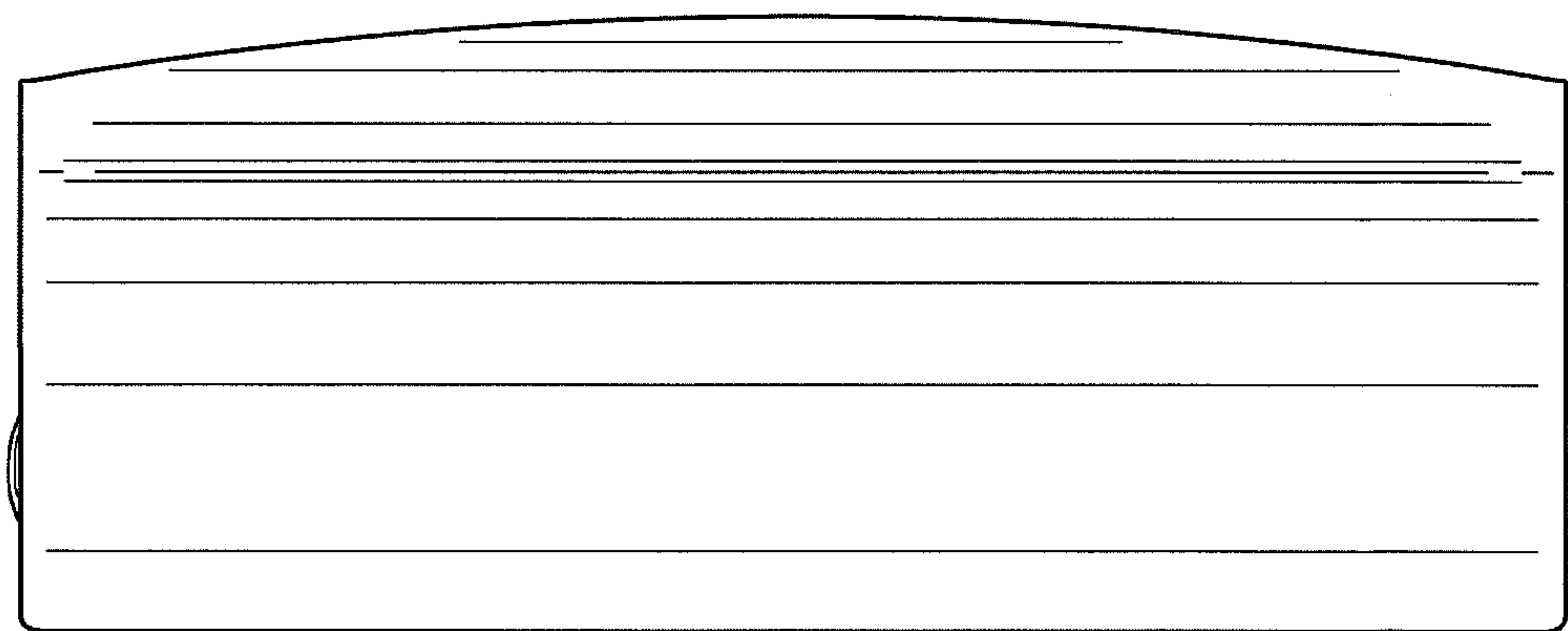
**FIG. 22**



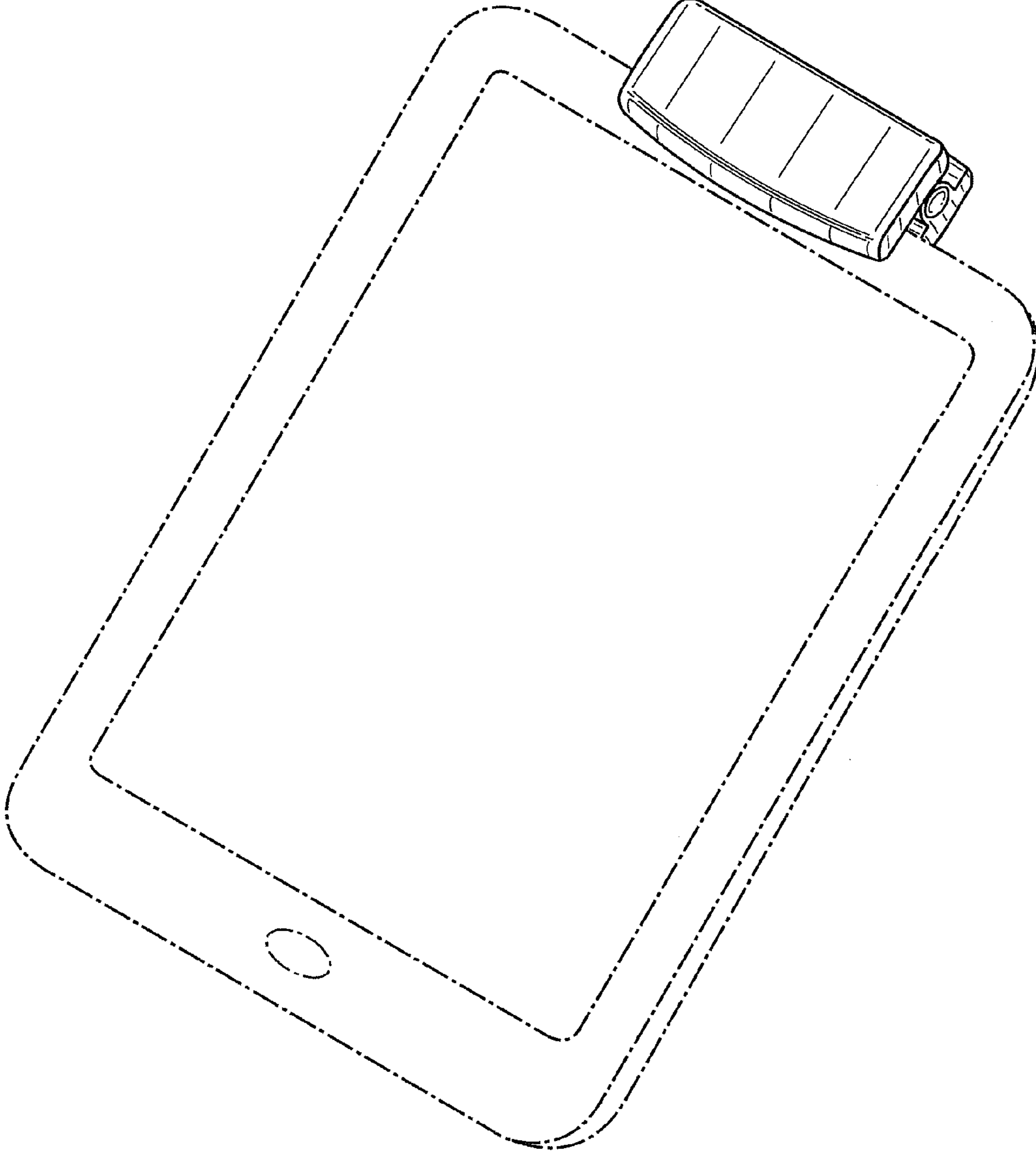
**FIG. 23**



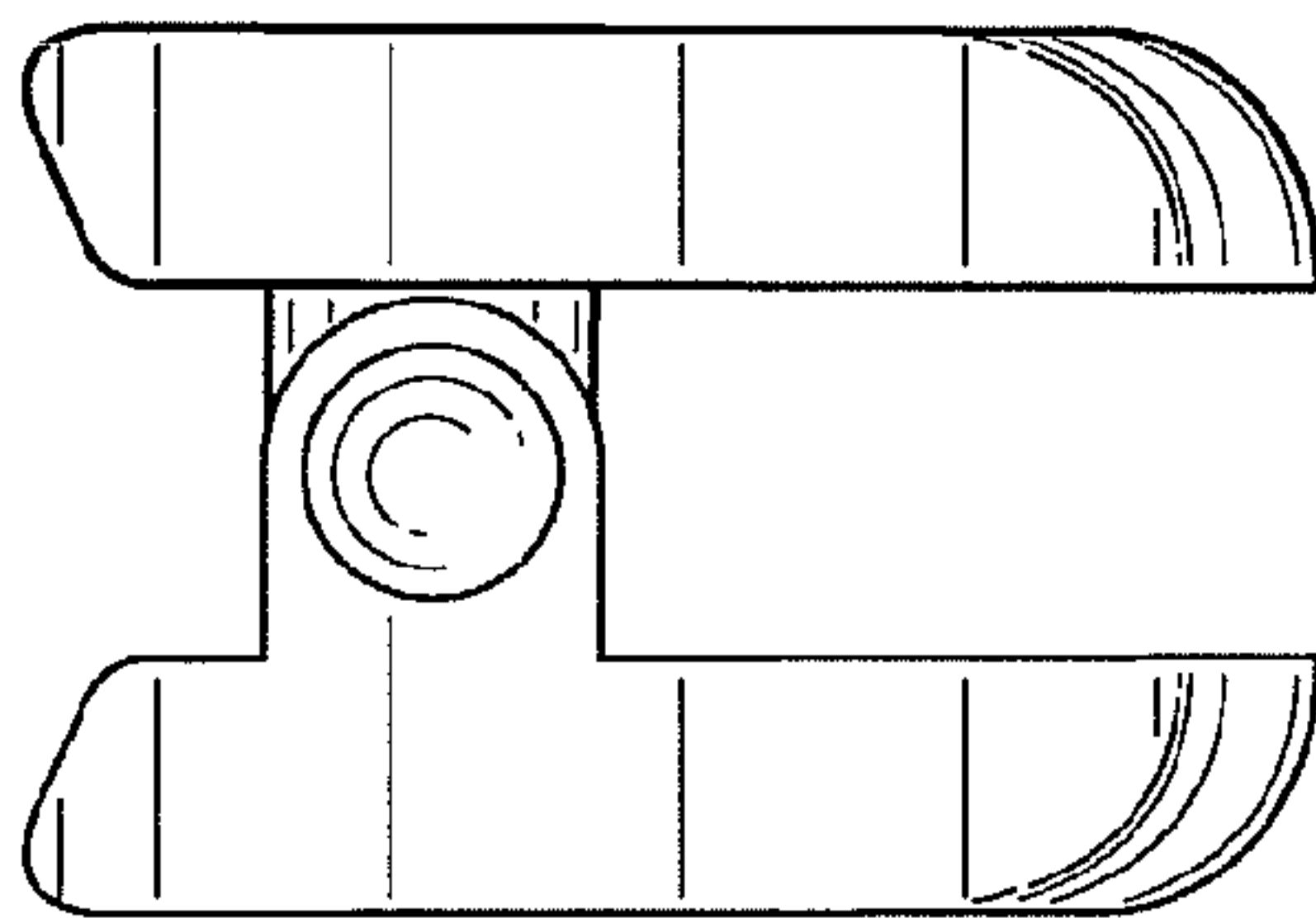
**FIG. 24**



**FIG. 25**



**FIG. 26**



***FIG. 27***



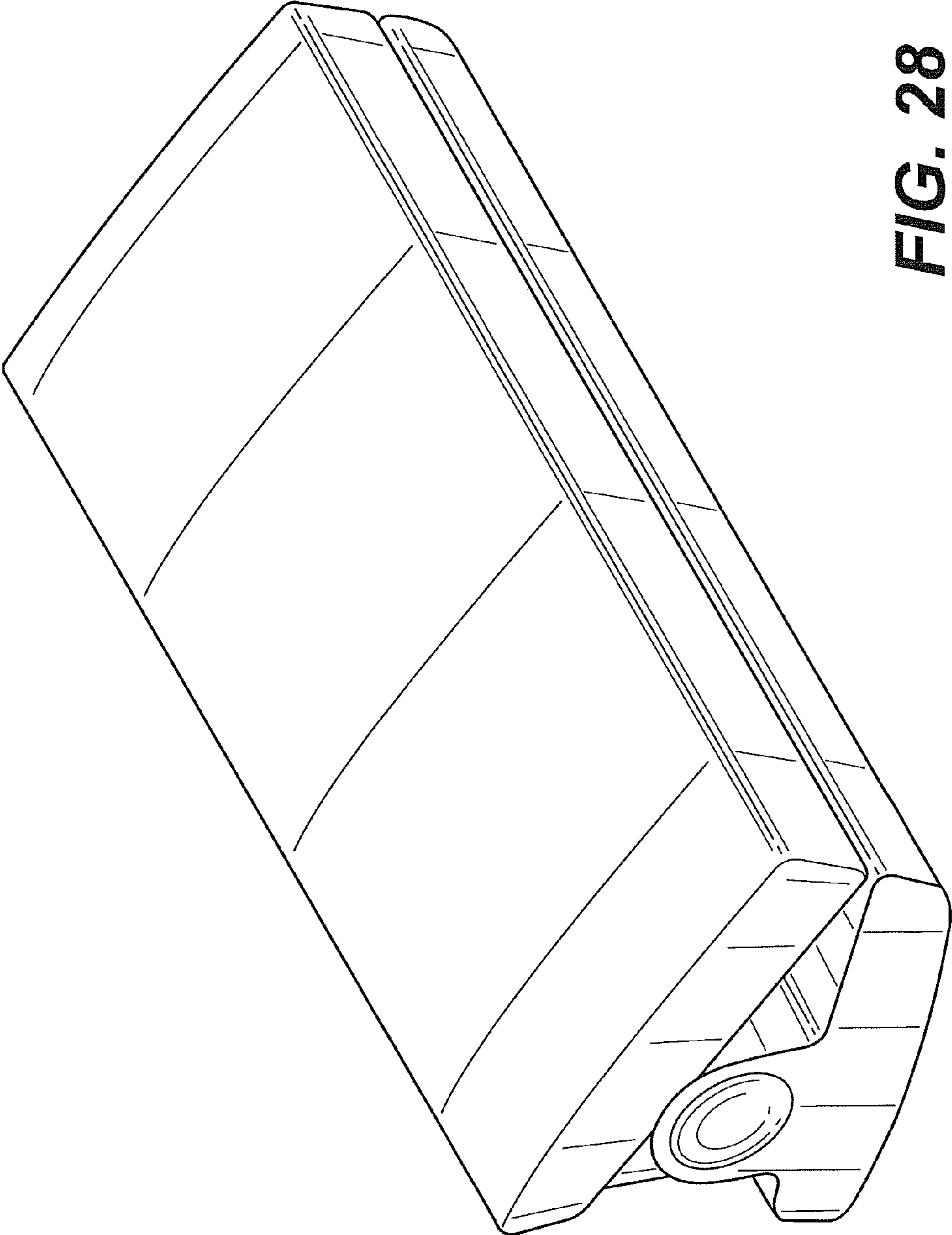
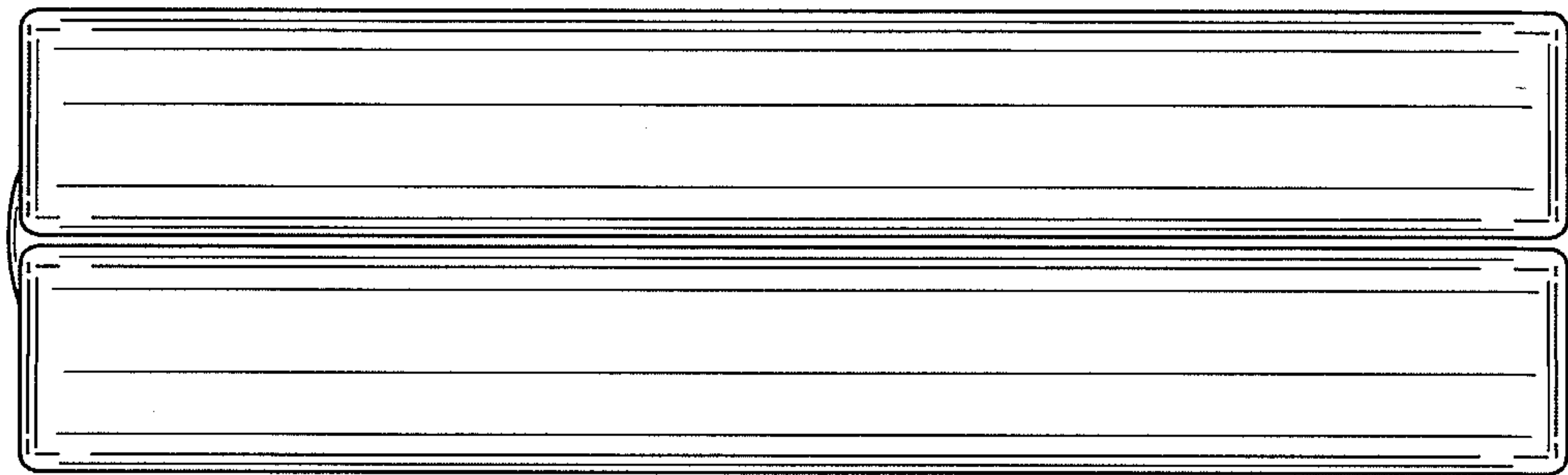
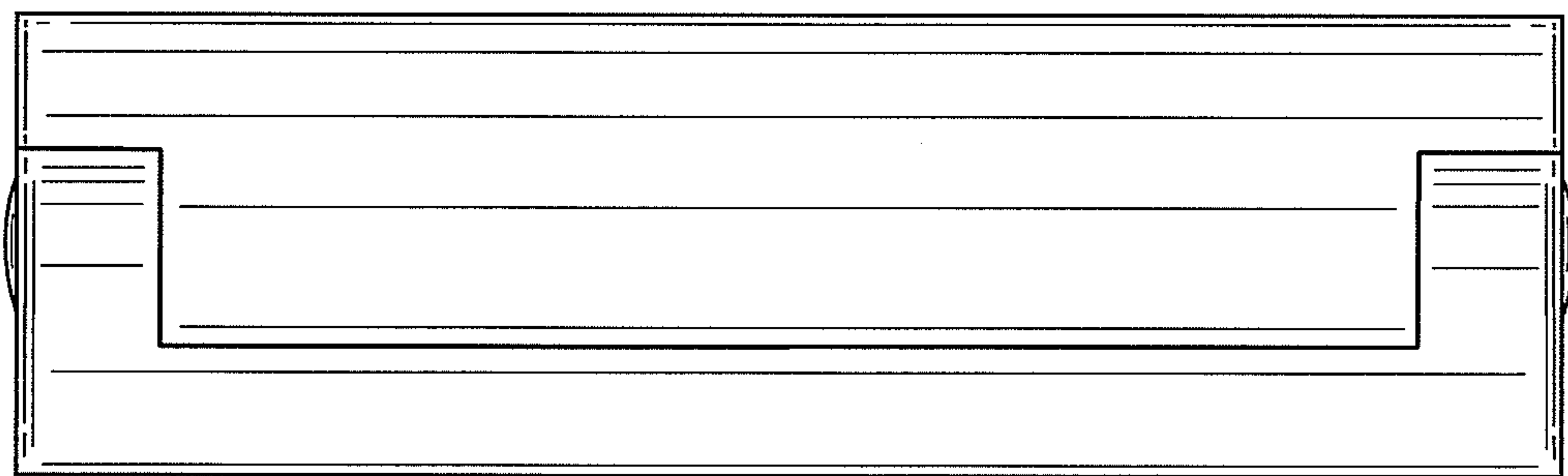


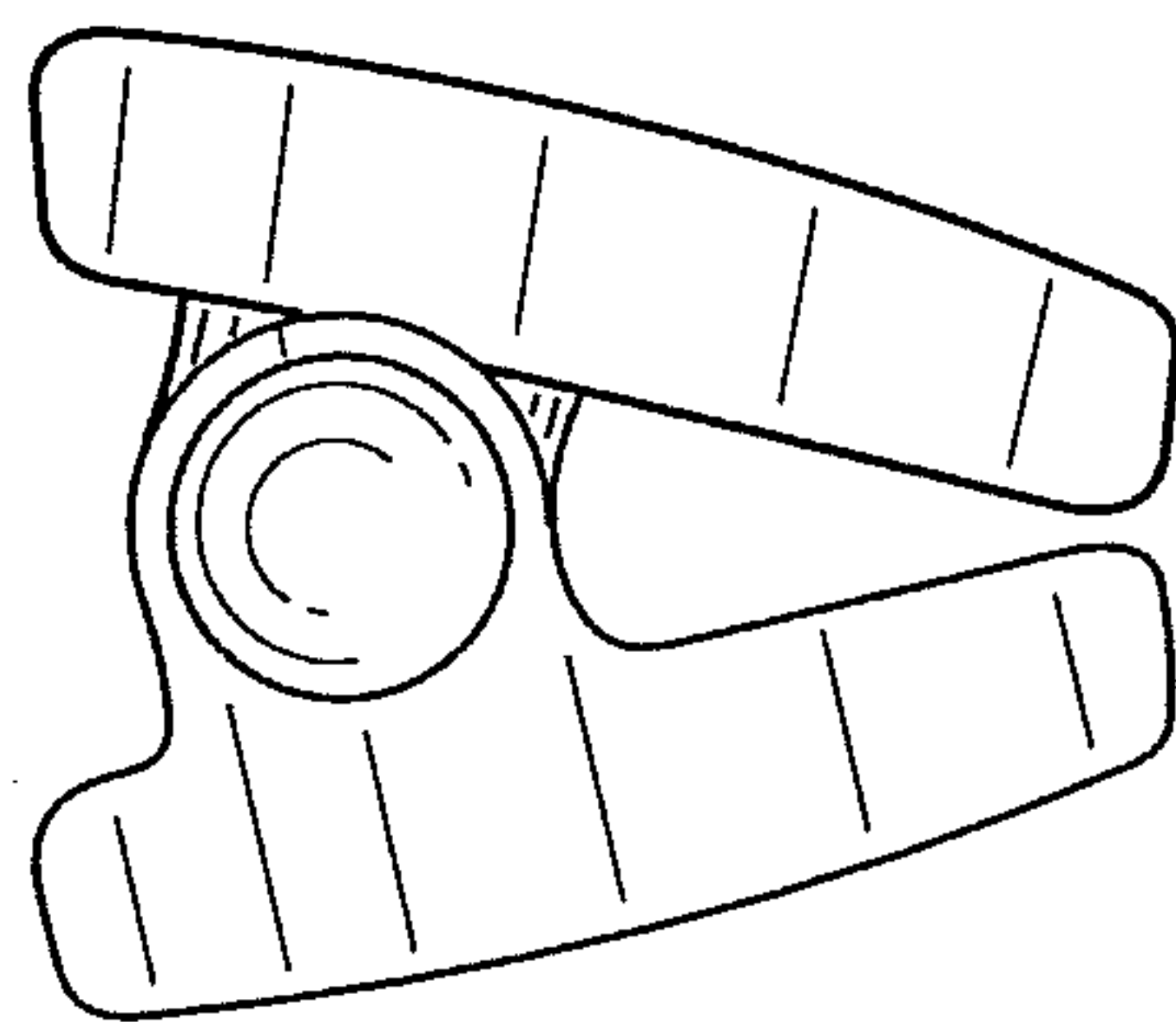
FIG. 28



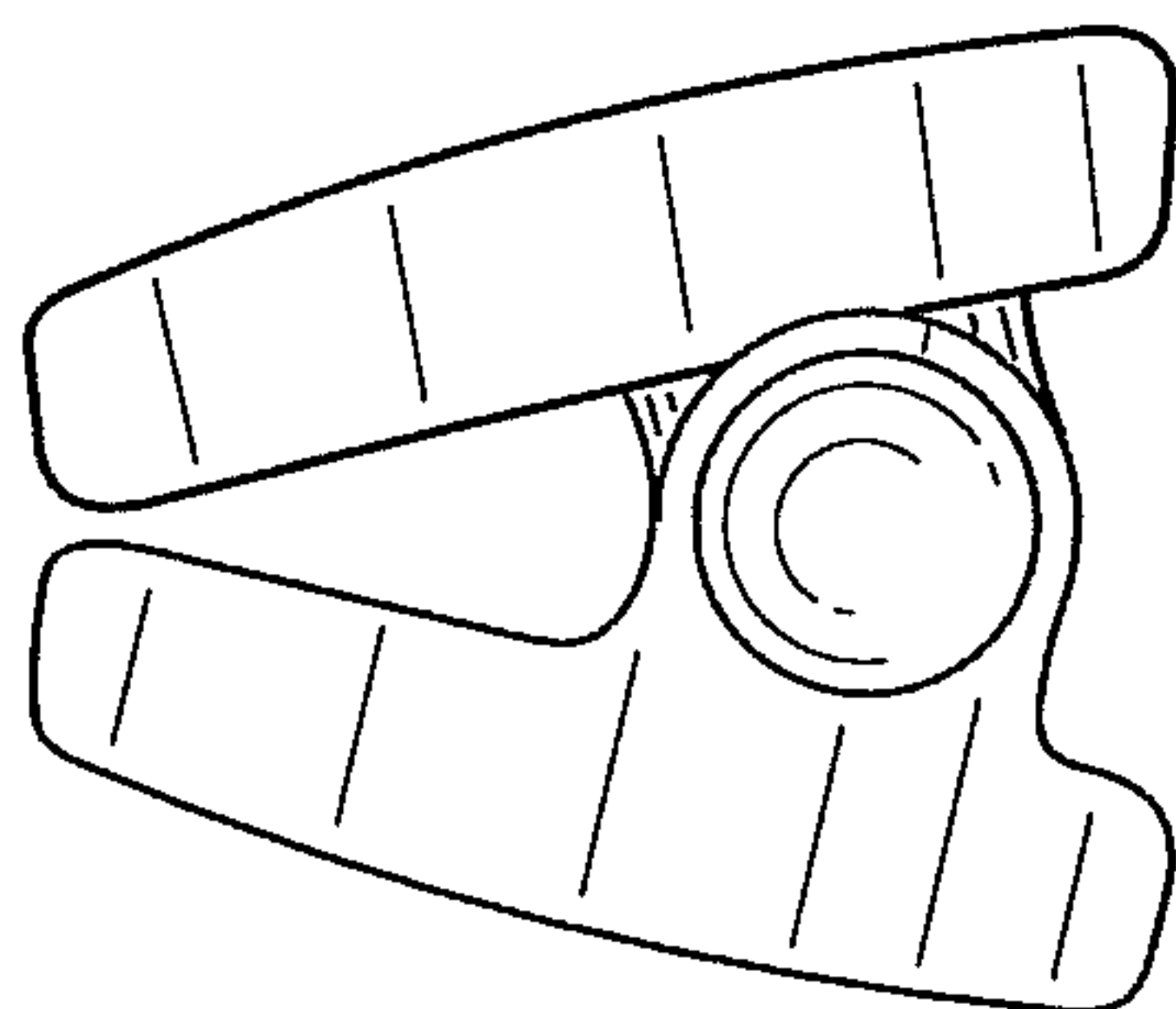
**FIG. 29**



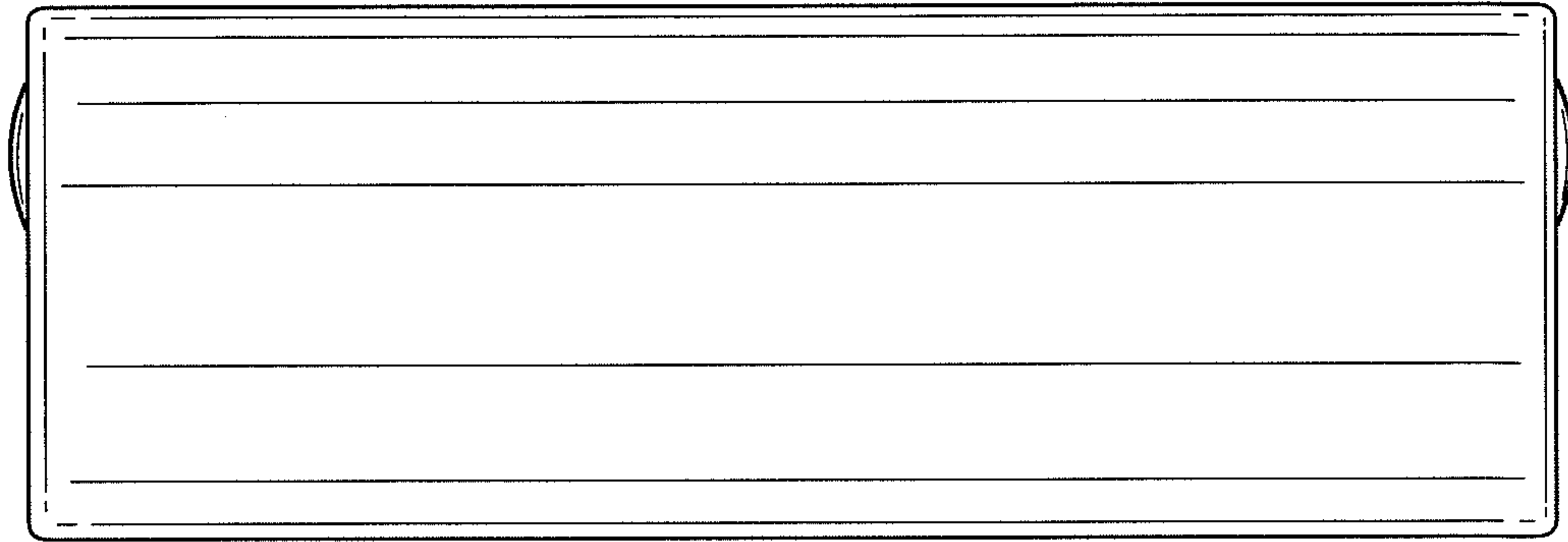
**FIG. 30**



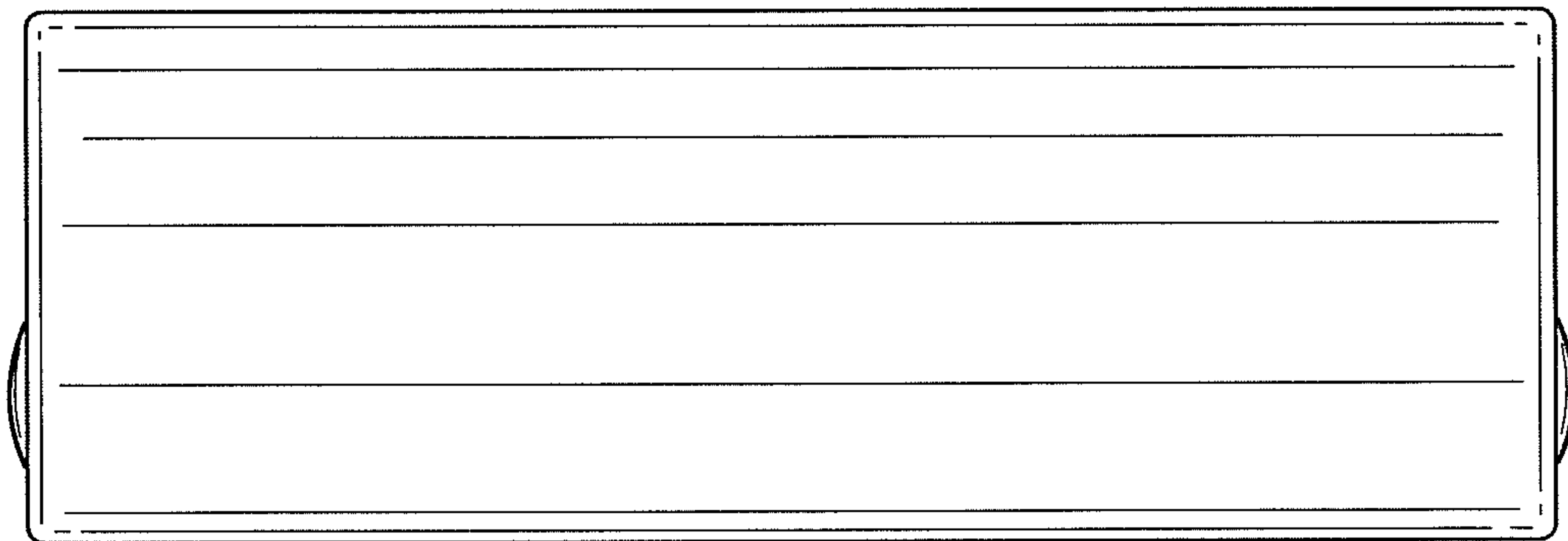
**FIG. 31**



**FIG. 32**

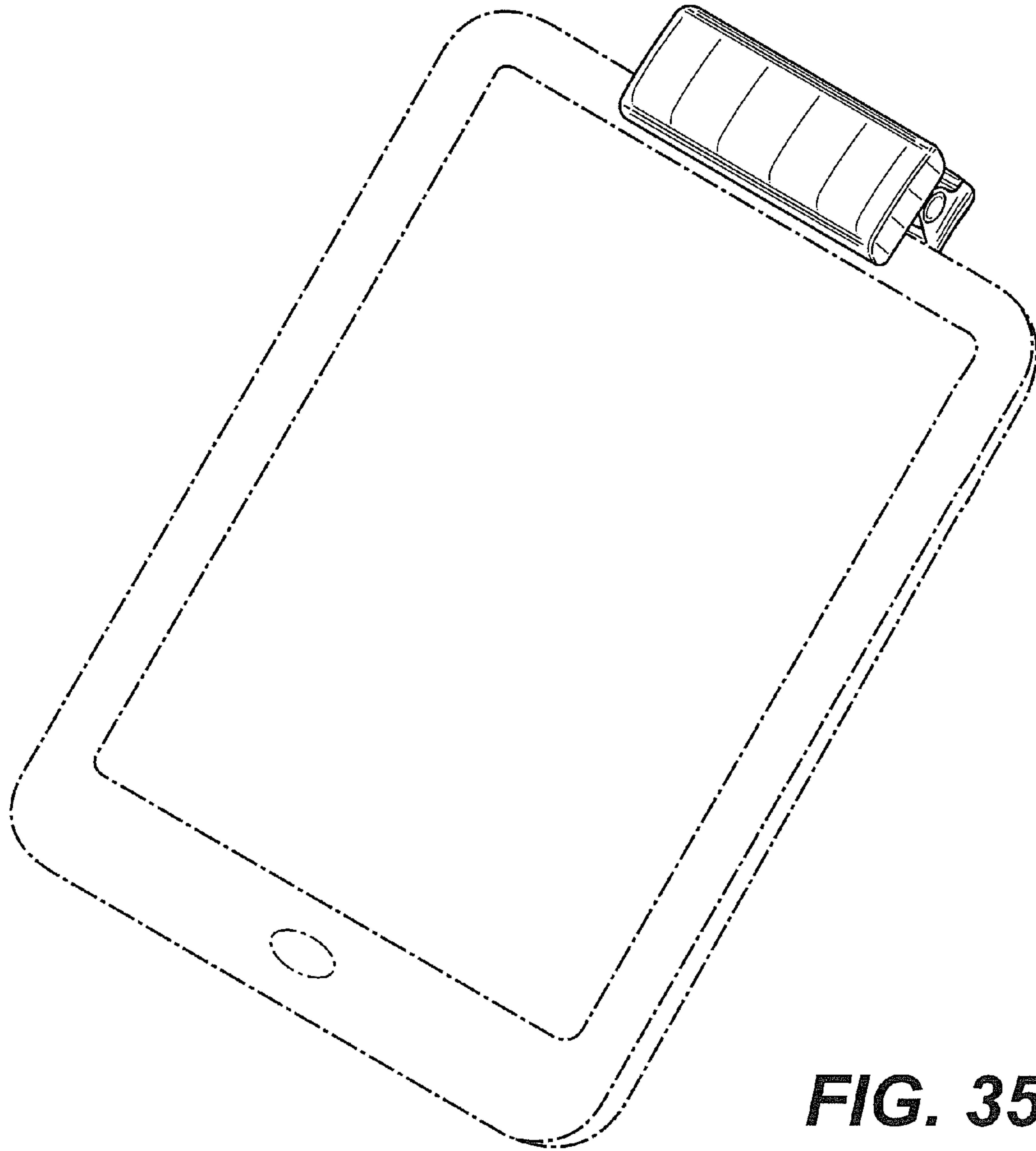


**FIG. 33**

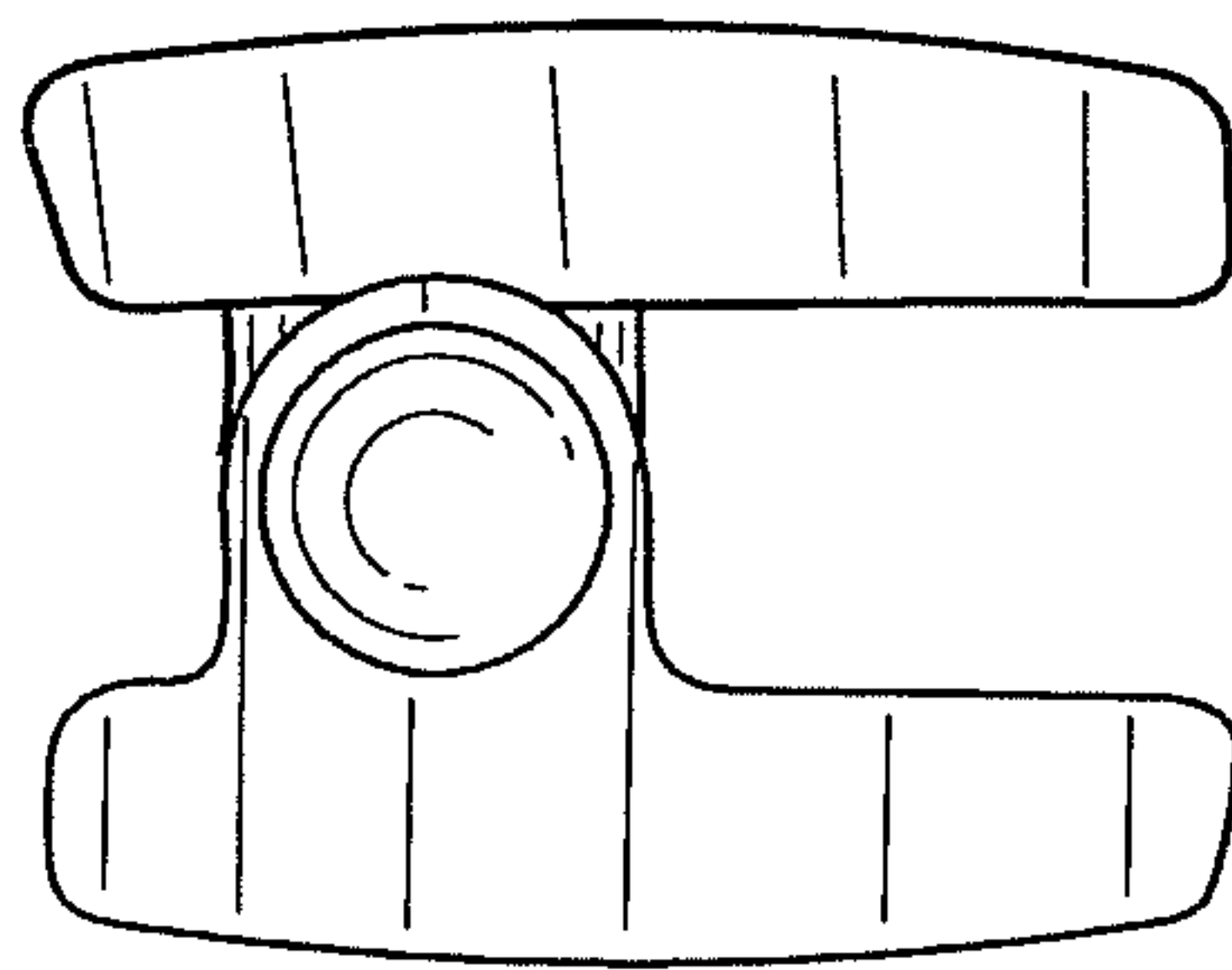


**FIG. 34**

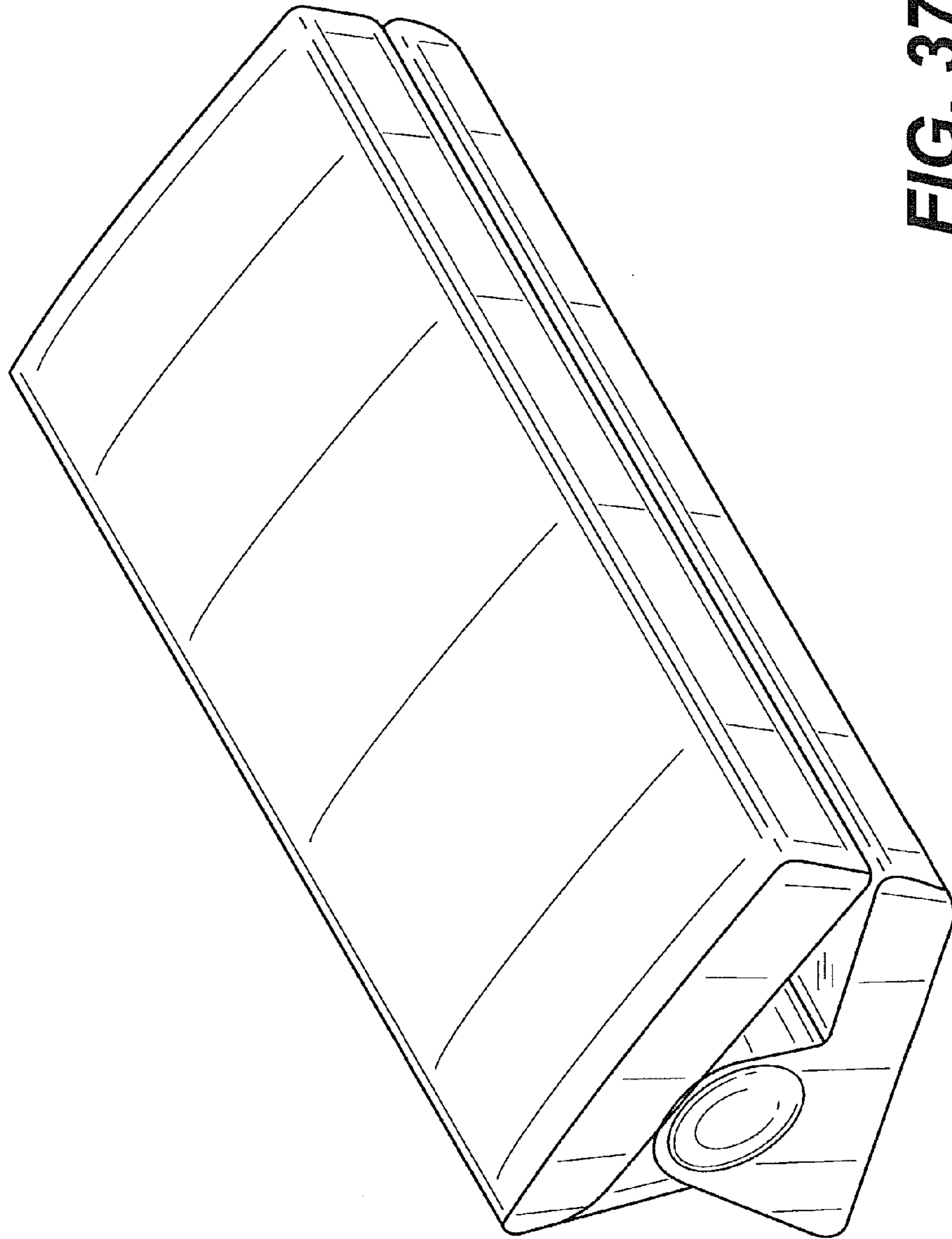




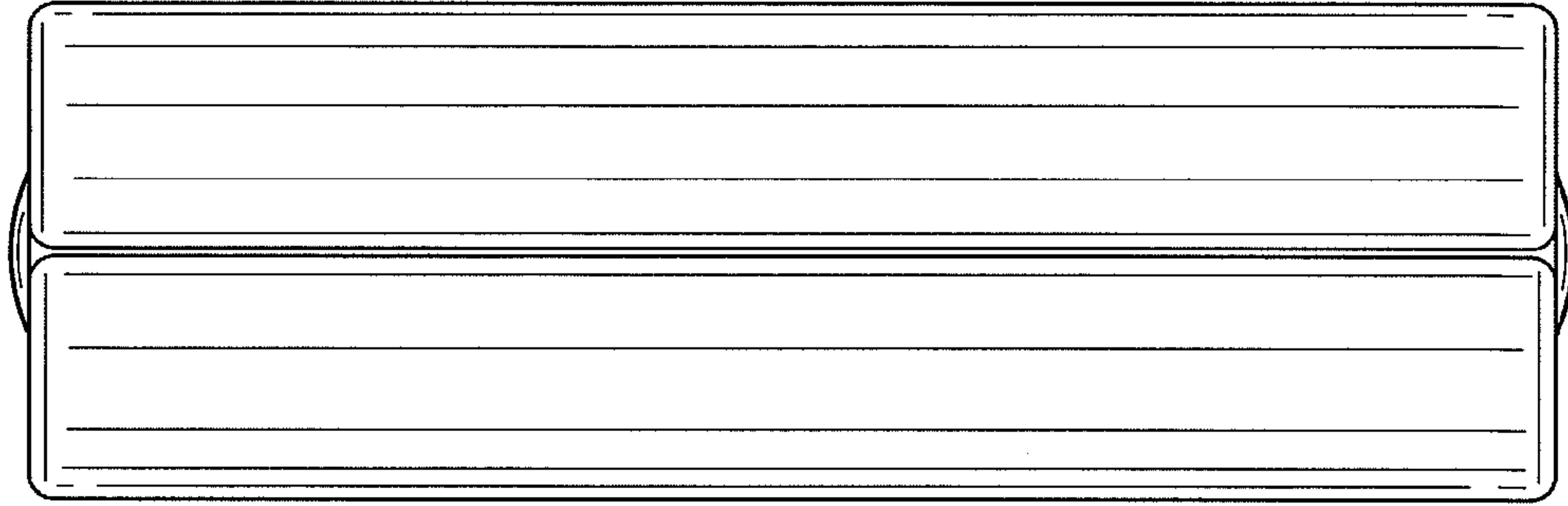
**FIG. 35**



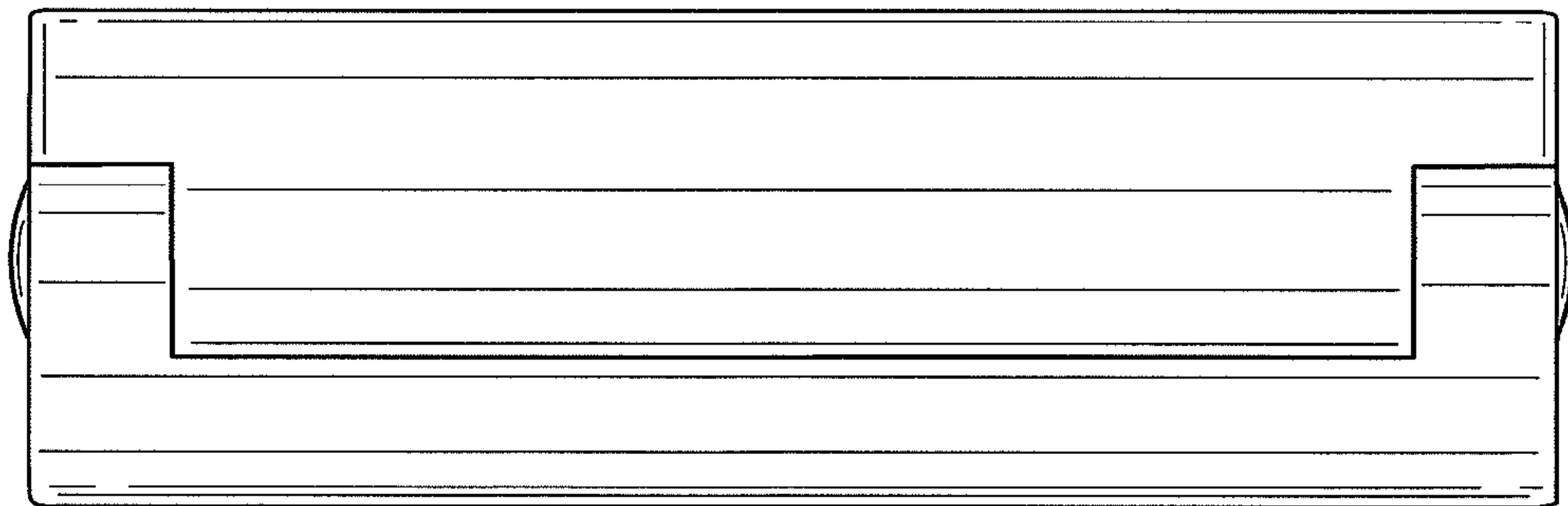
***FIG. 36***



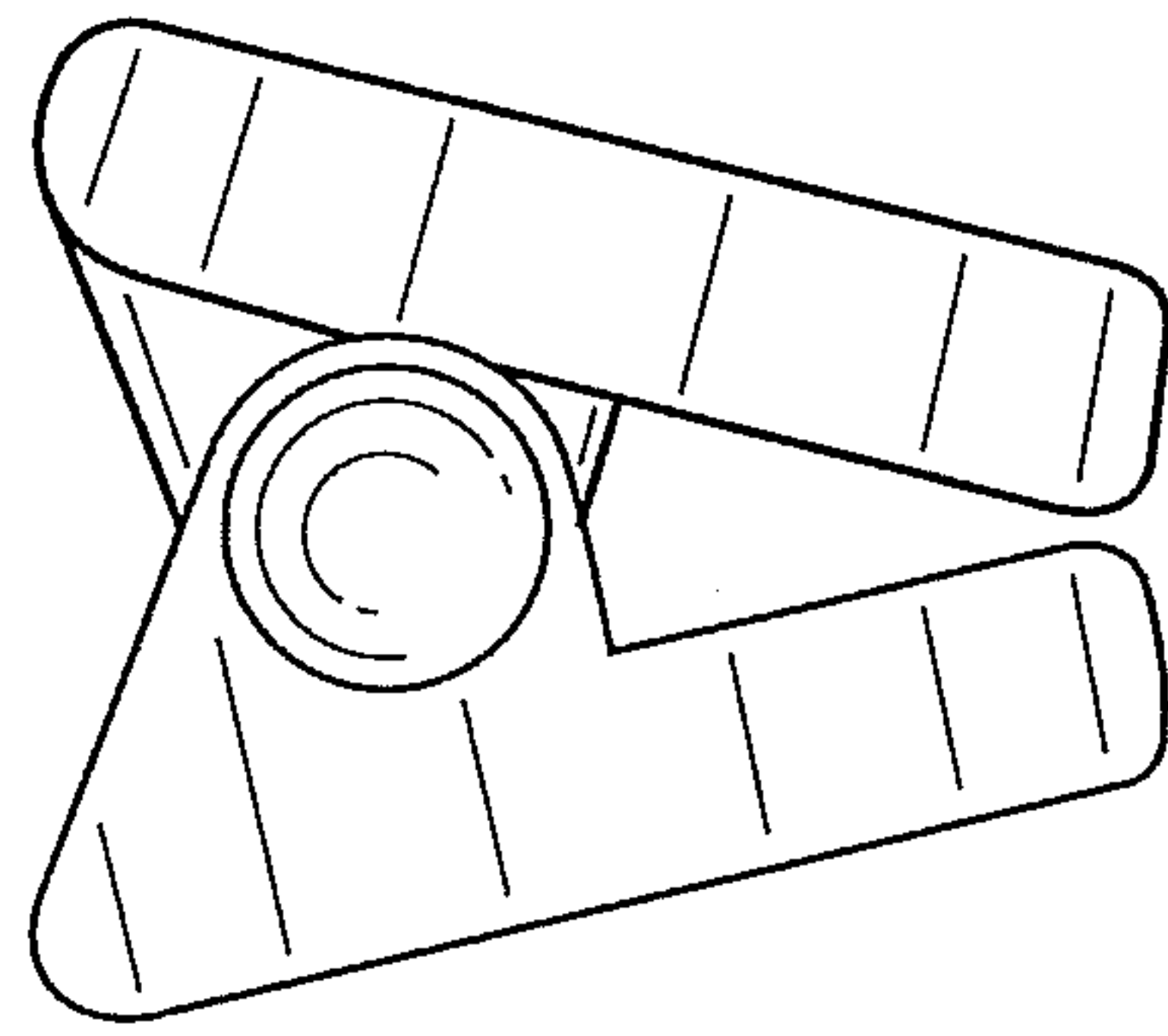
**FIG. 37**



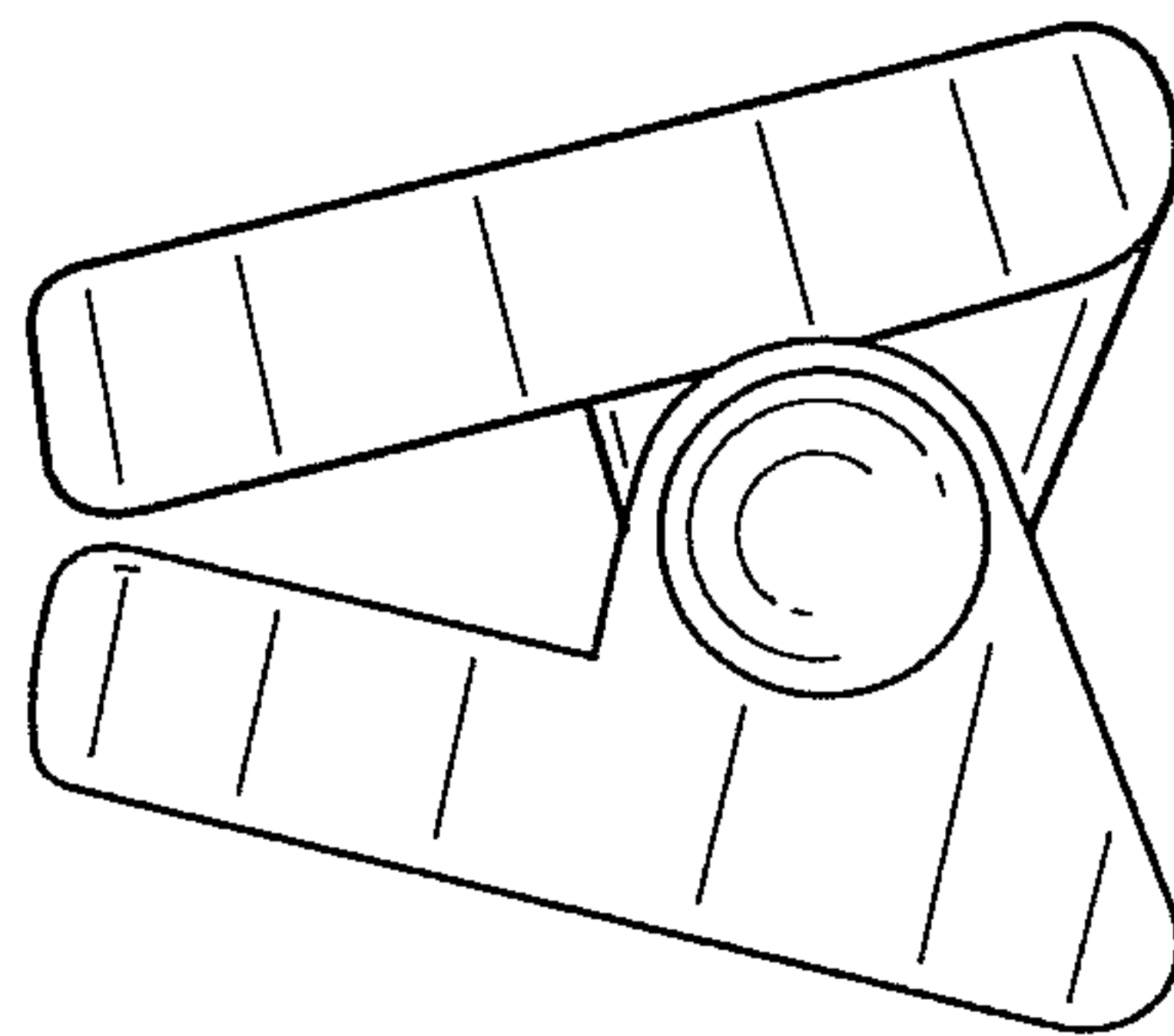
**FIG. 38**



**FIG. 39**

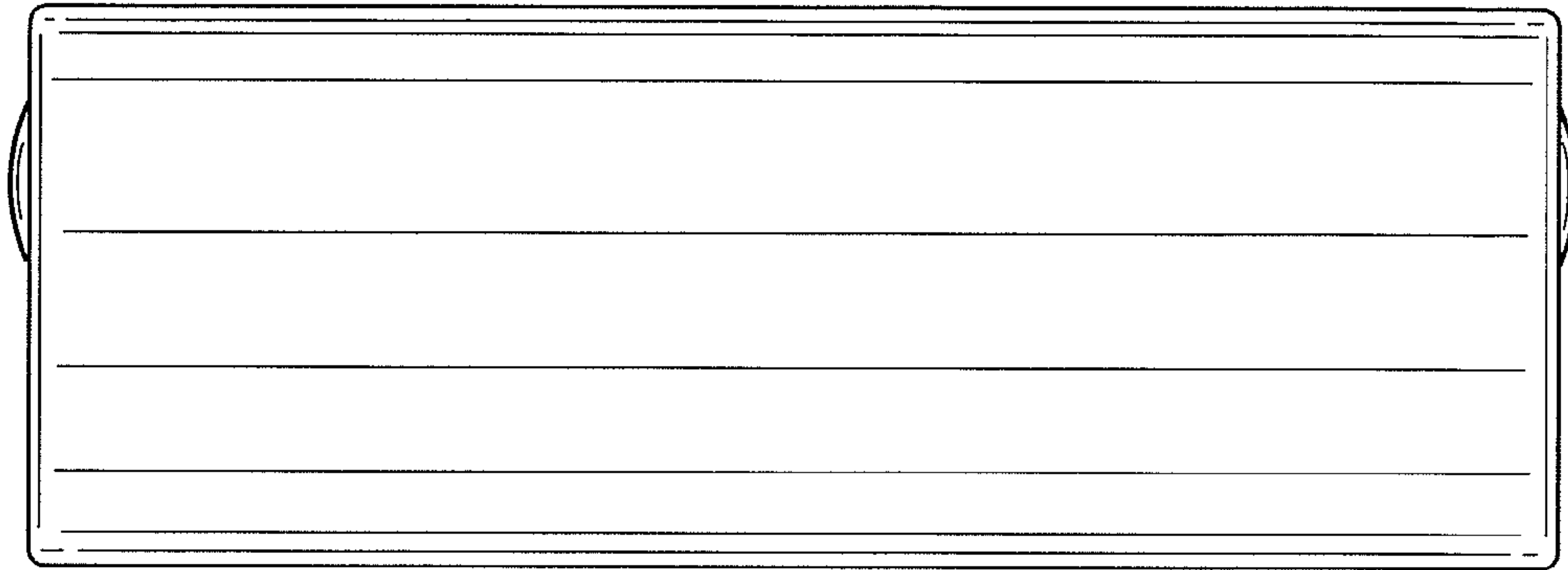


**FIG. 40**

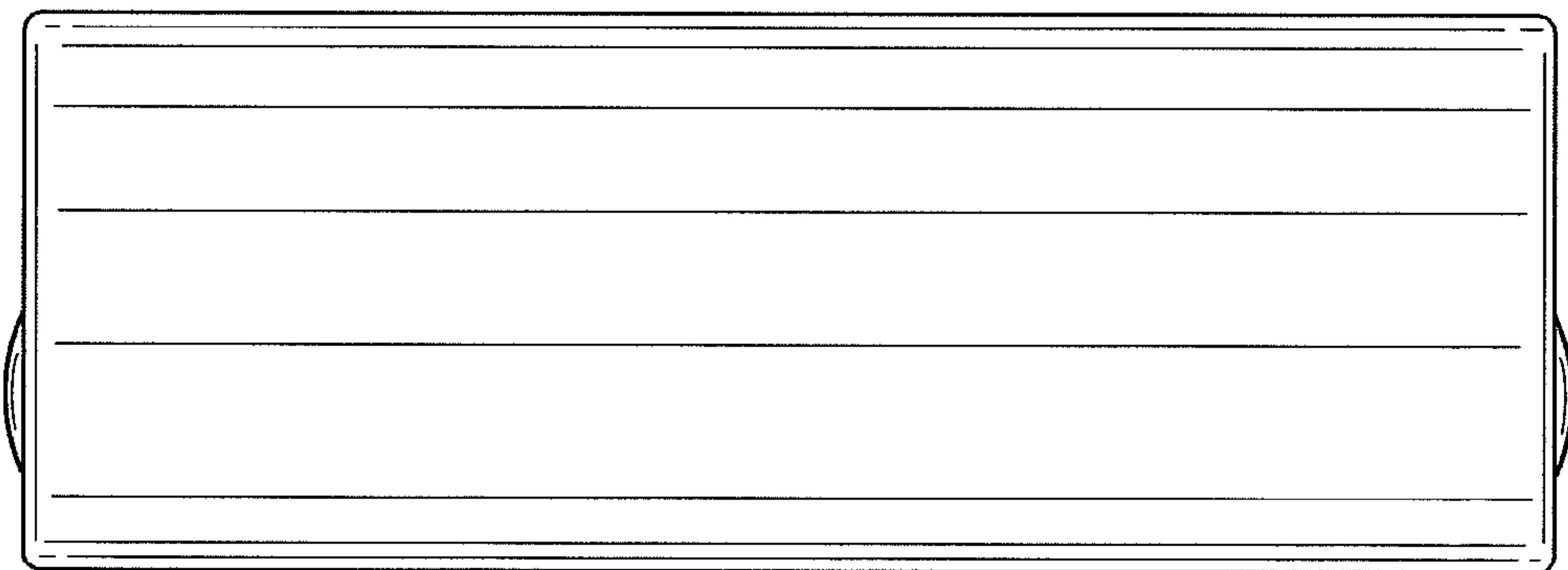


**FIG. 41**

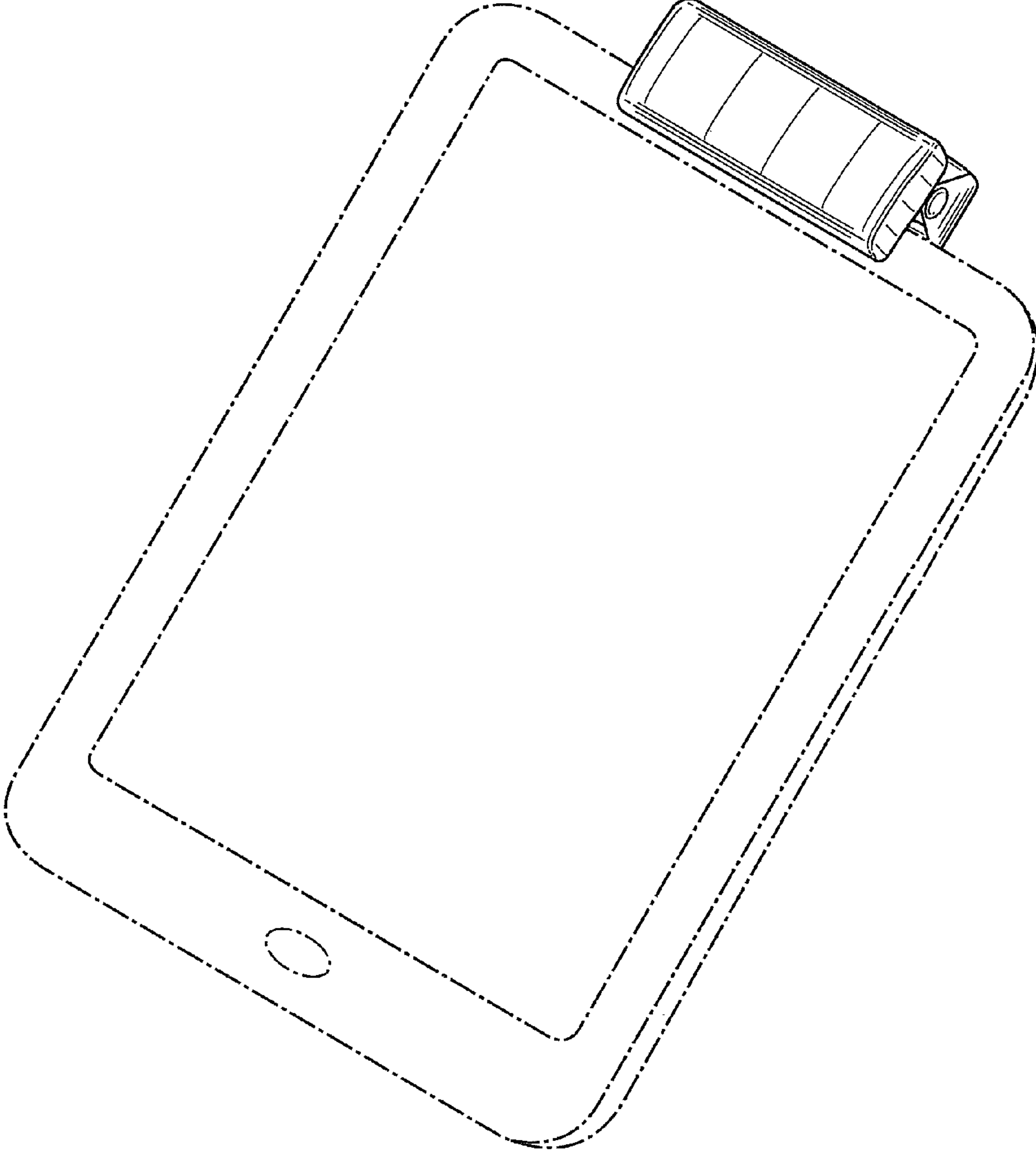




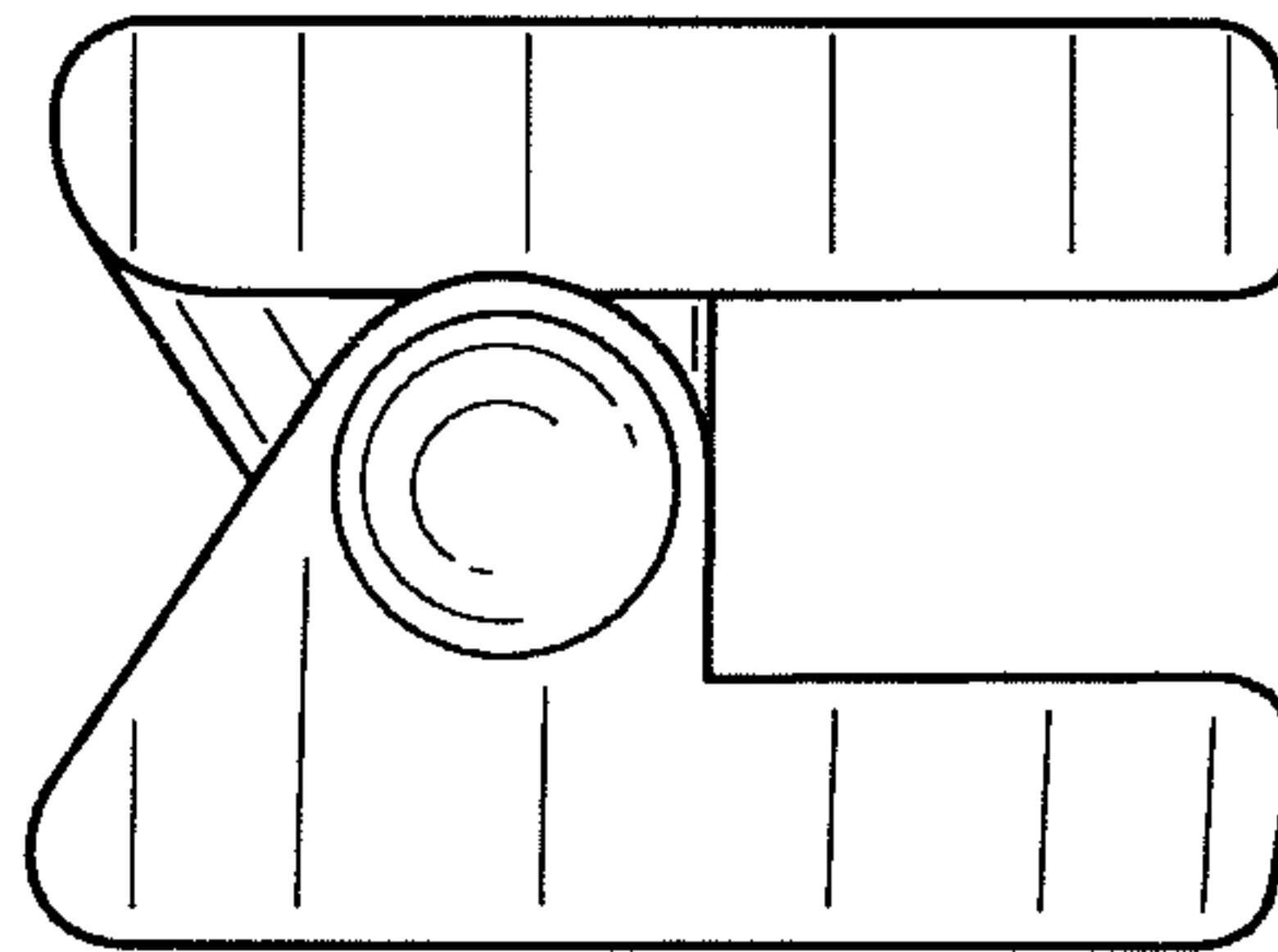
**FIG. 42**



**FIG. 43**



**FIG. 44**



**FIG. 45**

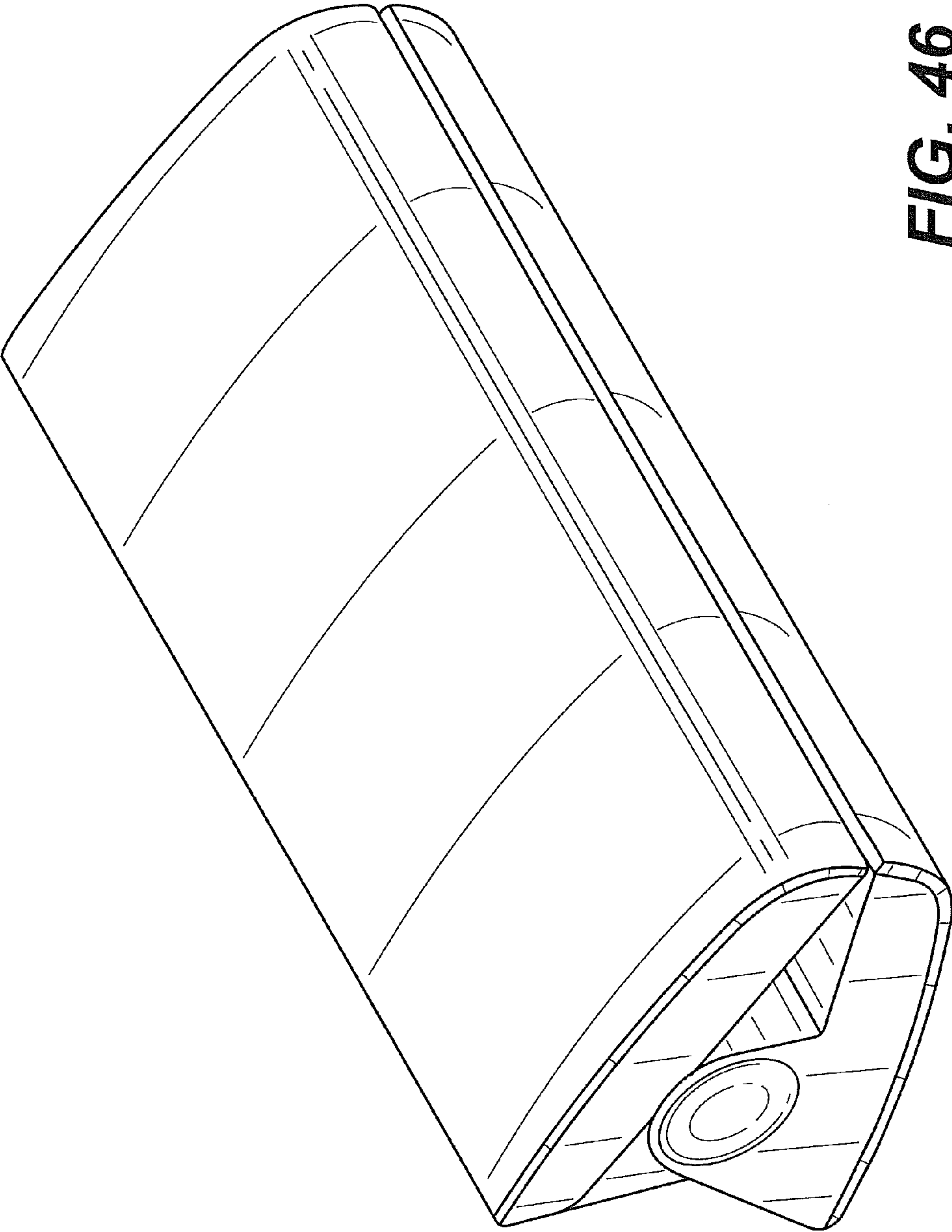
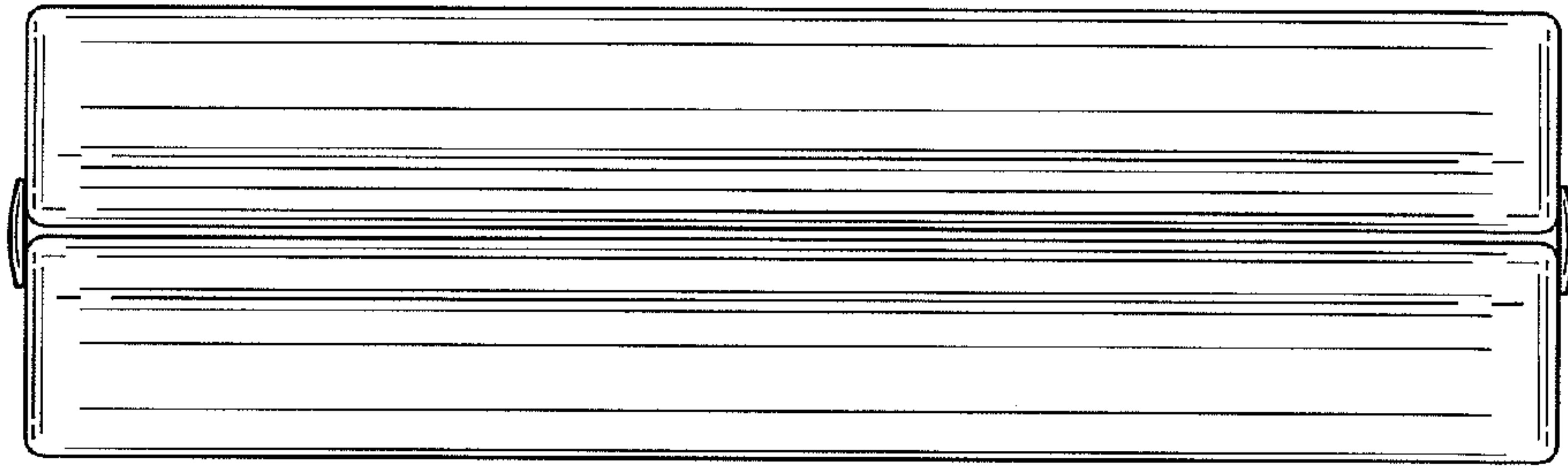
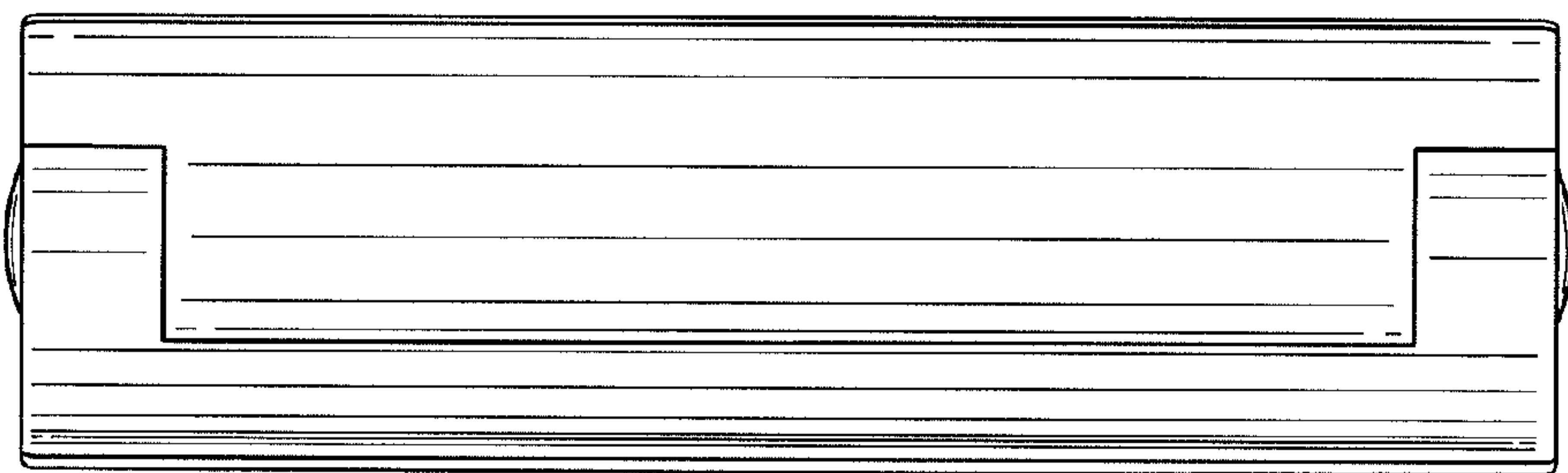


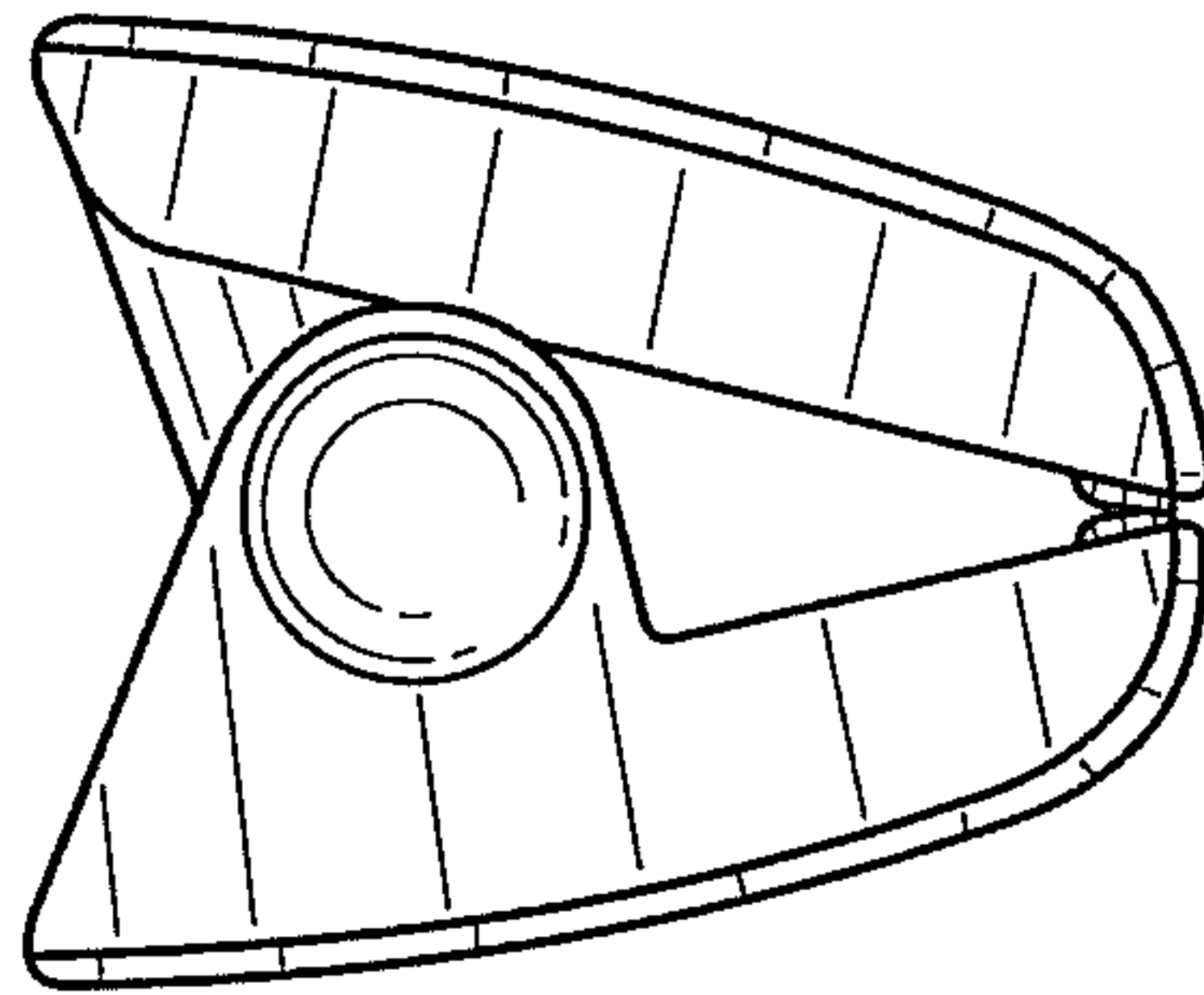
FIG. 46



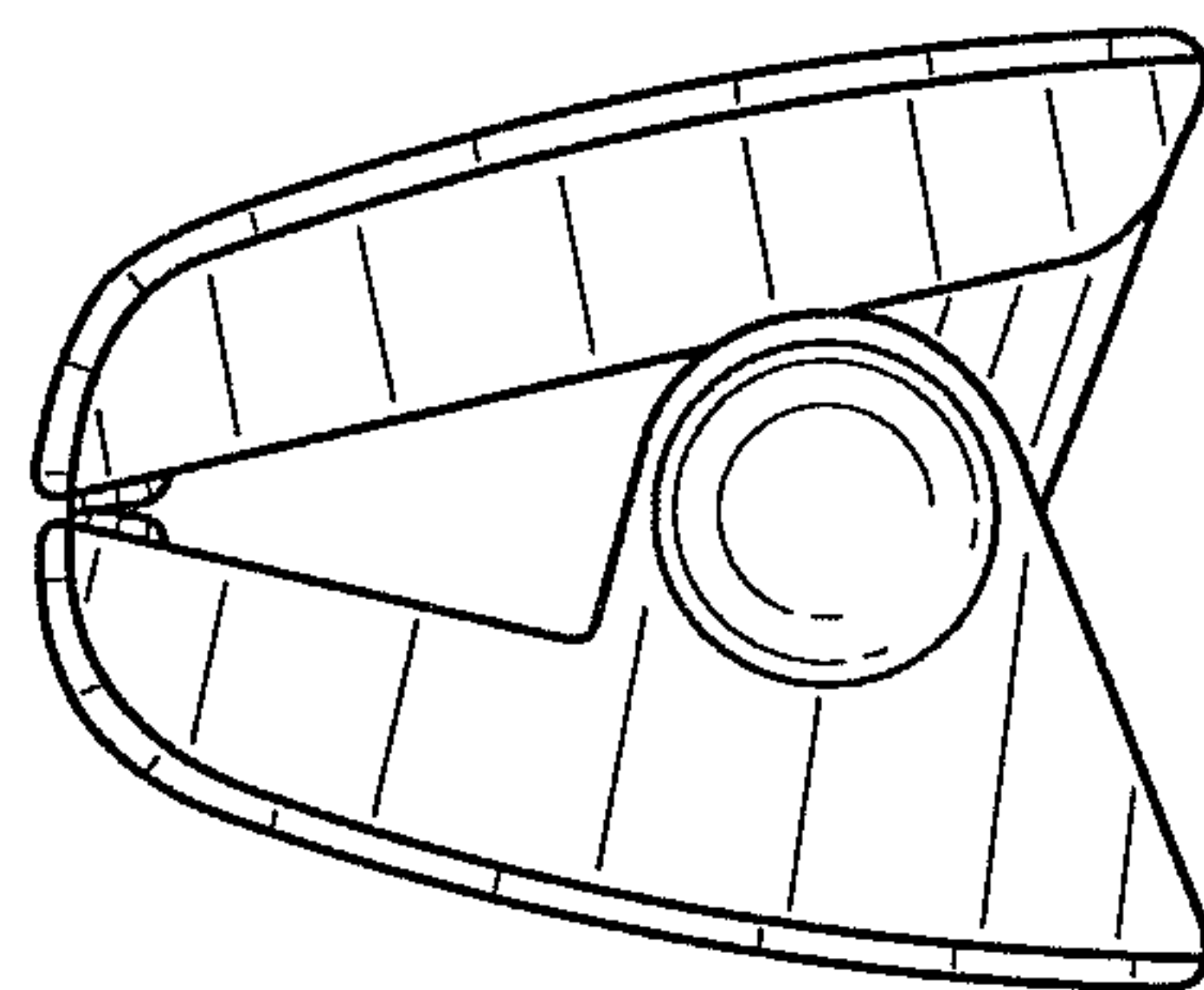
**FIG. 47**



**FIG. 48**

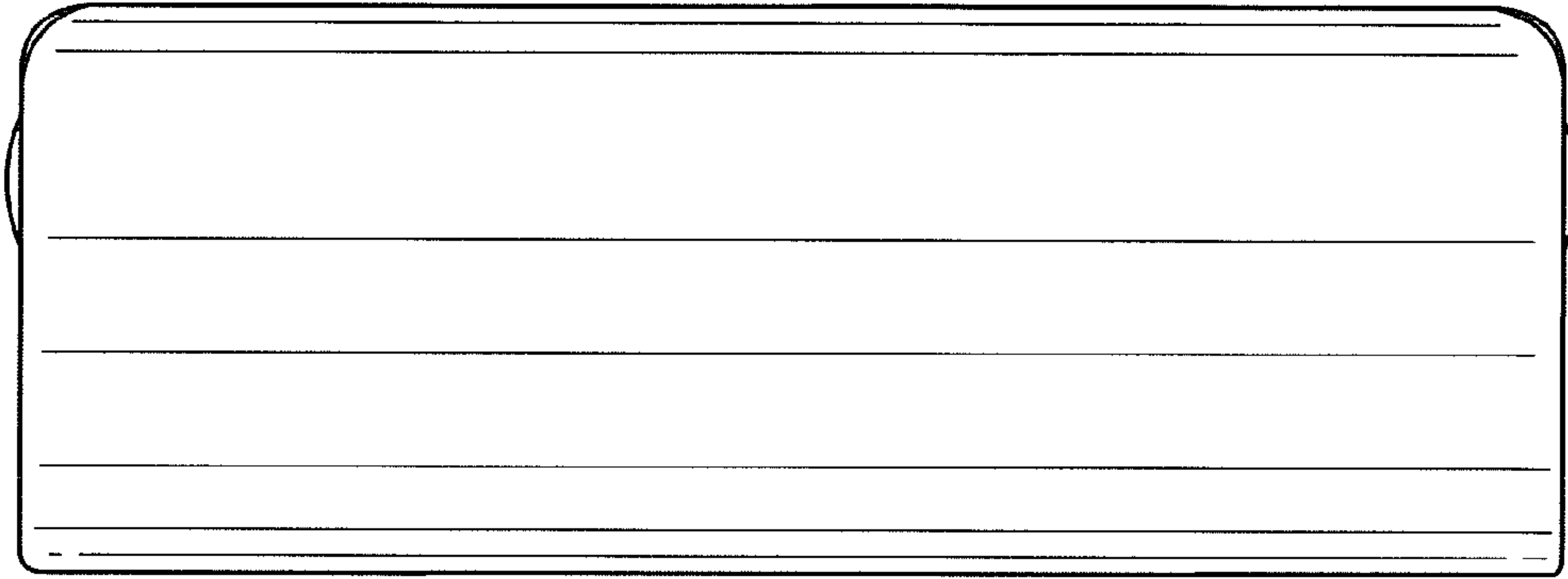


**FIG. 49**

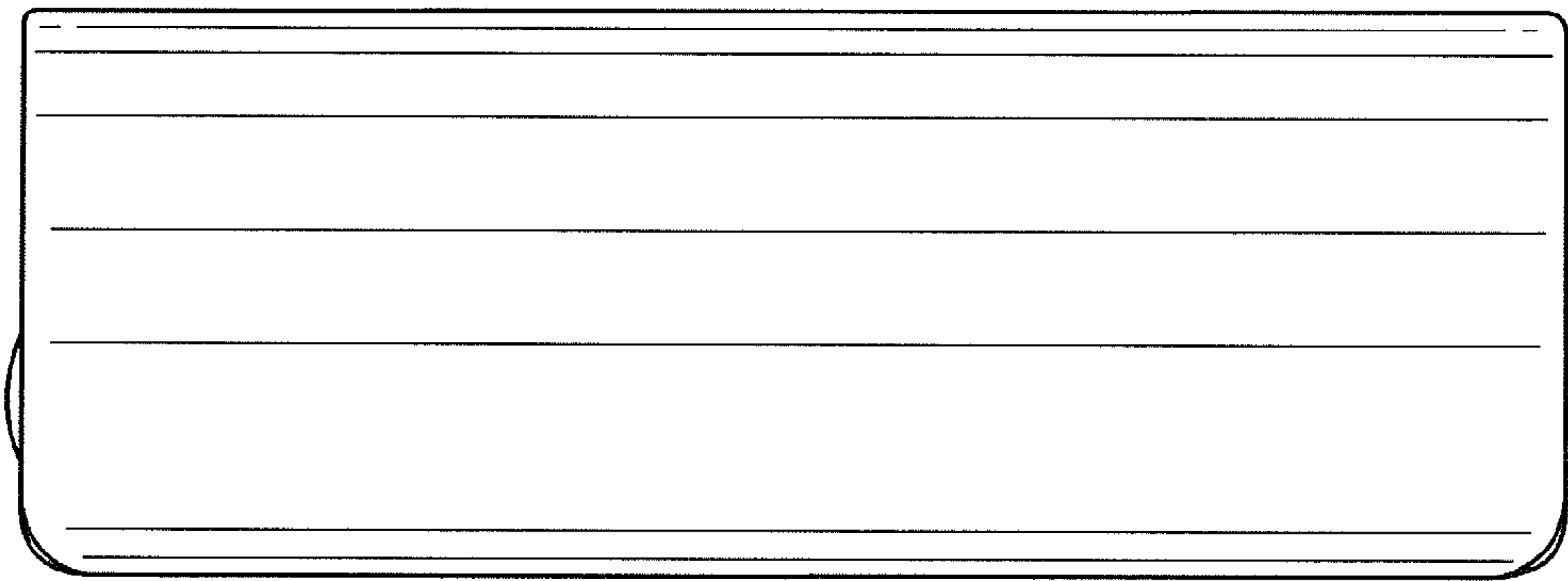


**FIG. 50**

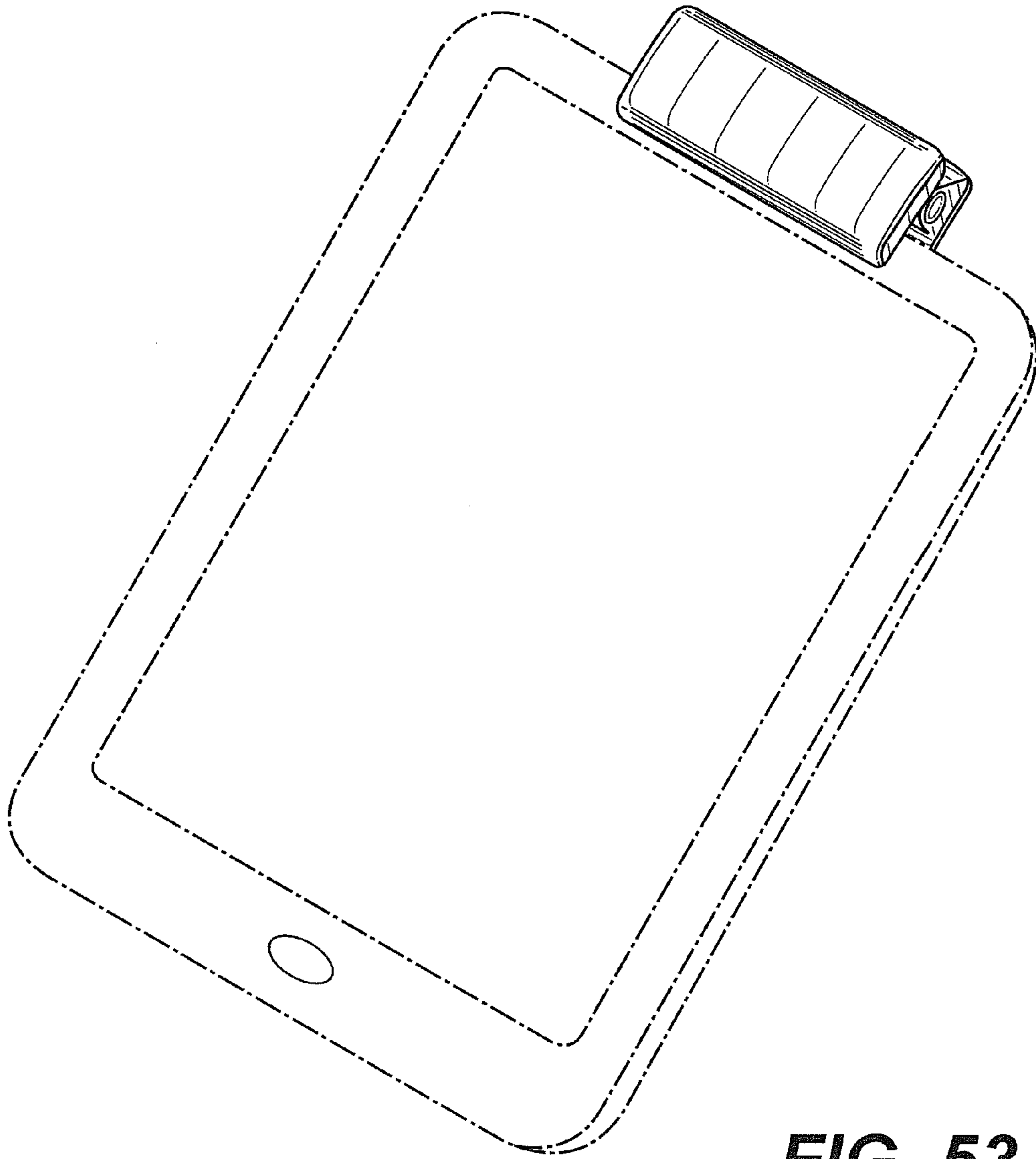




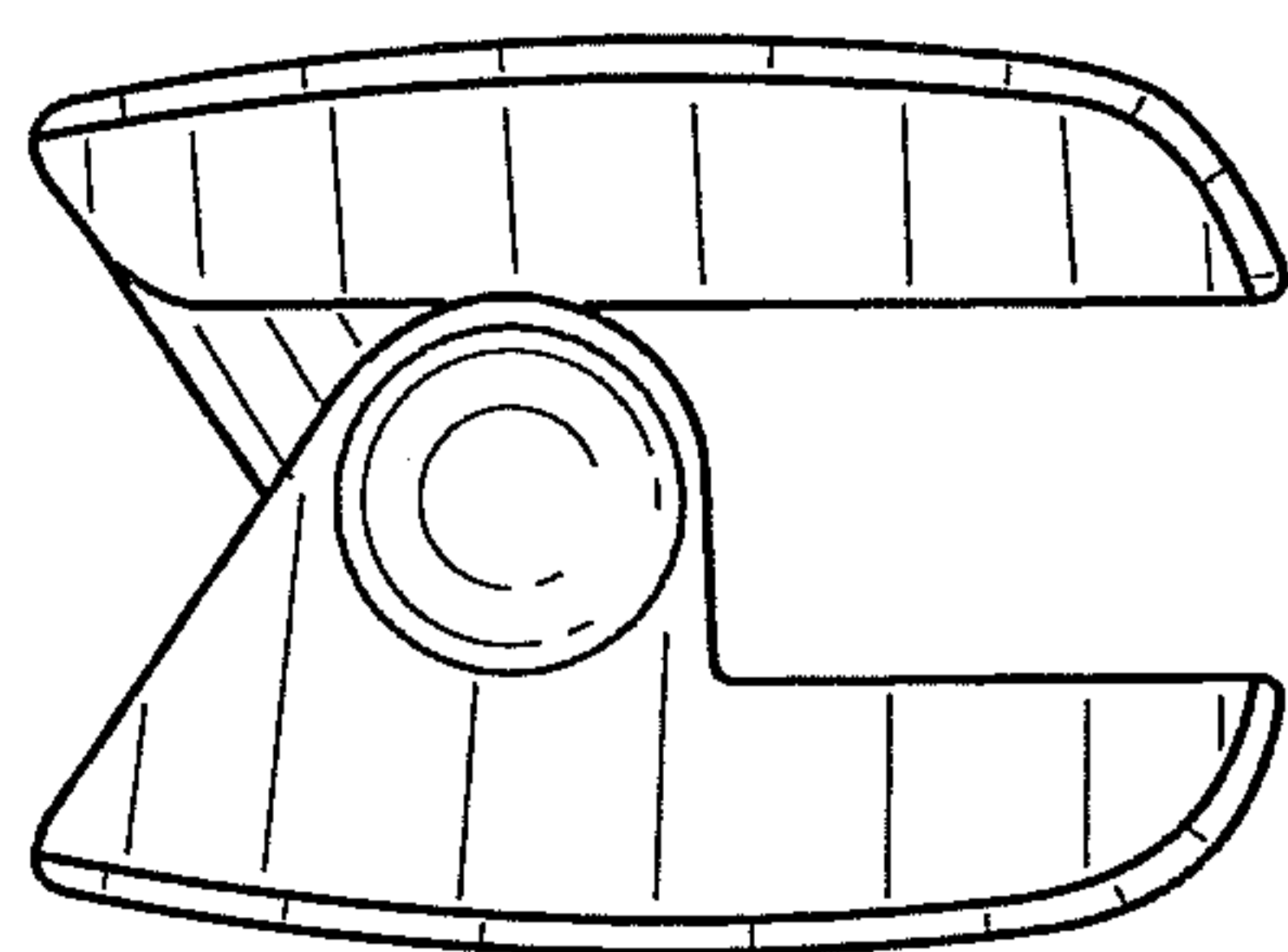
**FIG. 51**



**FIG. 52**



**FIG. 53**



**FIG. 54**