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(12) **United States Design Patent**  
**Ben Josef et al.**

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(54) **BOX SPIRIT LEVEL WITH RULER**

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  - (\*\*) Term: **14 Years**
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  - (52) **U.S. Cl.**  
USPC ..... **D10/69; D10/71**
  - (58) **Field of Classification Search**  
USPC ..... D10/69, 71  
CPC ..... G01C 9/24; G01C 9/26; G01C 9/28;  
G01C 9/30; G01C 9/32; G01C 9/34; G01C 9/36
- See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

212,823 A	3/1879	Stucky
320,360 A	6/1885	Hutchins
503,065 A	8/1893	Taylor
585,653 A	7/1897	Clowe
692,097 A	1/1902	Wood
771,803 A	10/1904	Bishop

(Continued)

**FOREIGN PATENT DOCUMENTS**

AU	111171 S	2/1939
CH	189440 A	5/1937

(Continued)

**OTHER PUBLICATIONS**

Kapro Industries LTD Box Section Levels Products Page, Kapro Industries Ltd., available at [http://www.kapro.com/SubCat.asp?parent=2&cat\\_id=6](http://www.kapro.com/SubCat.asp?parent=2&cat_id=6), on Aug. 16, 2010, 1 page.

(Continued)

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(57) **CLAIM**

The ornamental design for a box spirit level with ruler, substantially as shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of a box spirit level with ruler including a main body, a central horizontal bubble vial housing, a left side vertical bubble vial housing, a right side vertical bubble vial housing, a left side end cap and a right side end cap;

FIG. 2 is a left side elevation view of the box spirit level with ruler of FIG. 1, the right side elevation view being a mirror image thereof;

FIG. 3 is a front elevation view of the box spirit level with ruler of FIG. 1;

FIG. 4 is a top plan view of the box spirit level with ruler of FIG. 1;

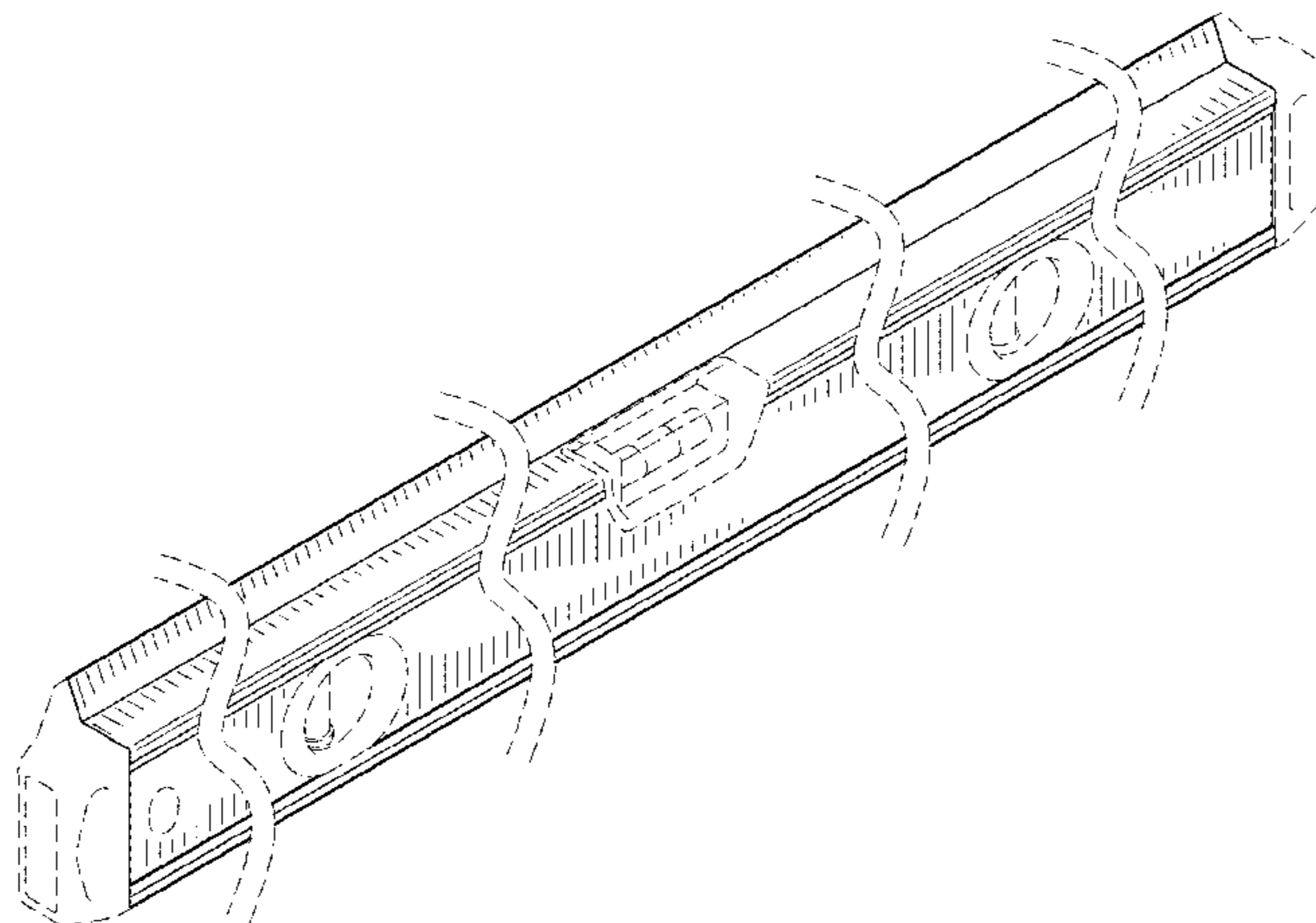
FIG. 5 is a rear elevation view of the box spirit level with ruler of FIG. 1; and,

FIG. 6 is a bottom plan view of the box spirit level with ruler of FIG. 1.

The dashed lines of the end caps and the bubble vial housings indicate that the end caps and the bubble vial housings form no part of the claimed design.

The article is shown with symbolic breaks in its length and width. The appearance of any portion of the article between the break lines forms no part of the claimed design.

**1 Claim, 3 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

999,573 A 8/1911 Lidholm  
 1,034,049 A 7/1912 Wild  
 1,062,964 A 5/1913 Gesbeck et al.  
 1,777,429 A 10/1930 Charlton  
 2,133,598 A 10/1938 Torbert, Jr.  
 2,362,872 A 11/1944 Weagle  
 2,373,249 A 4/1945 Lurcott, Jr.  
 2,427,256 A 9/1947 Butscher  
 2,453,091 A 11/1948 Holloway et al.  
 2,466,829 A 4/1949 Sprinkel  
 2,669,029 A 2/1954 Ries  
 2,727,314 A 12/1955 Dossie et al.  
 2,750,677 A 6/1956 Wirth  
 2,791,036 A 5/1957 Gericke  
 2,857,678 A 10/1958 Armour, Jr.  
 3,064,535 A 11/1962 Anderson  
 3,088,216 A 5/1963 Jesonis  
 3,368,287 A 2/1968 Ault  
 3,603,000 A 9/1971 Ostrager  
 3,694,090 A 9/1972 Ohyama  
 3,738,015 A 6/1973 De Jong  
 3,889,353 A 6/1975 Provi  
 3,921,306 A 11/1975 Provi  
 4,103,430 A 8/1978 Schrader  
 4,124,940 A 11/1978 Vaida  
 4,192,383 A 3/1980 Kirkland et al.  
 4,332,046 A 6/1982 Foley et al.  
 4,534,117 A 8/1985 Haefner et al.  
 4,647,767 A 3/1987 Jubinski  
 4,653,193 A 3/1987 Kennedy et al.  
 4,660,292 A 4/1987 Richardson  
 4,860,459 A 8/1989 Dengler  
 5,020,232 A 6/1991 Whiteford  
 D320,360 S 10/1991 Kennedy  
 5,075,978 A 12/1991 Crowe  
 5,101,570 A 4/1992 Shimura  
 5,103,569 A 4/1992 Leatherwood  
 5,207,004 A 5/1993 Gruetzmacher  
 5,272,816 A 12/1993 Fujiwara  
 D348,619 S 7/1994 Hansen  
 5,361,503 A 11/1994 Anderson  
 5,406,714 A 4/1995 Baker et al.  
 5,414,937 A 5/1995 Denley  
 D360,371 S 7/1995 O'Hare et al.  
 D364,104 S 11/1995 Johnson  
 5,467,532 A 11/1995 Ames  
 D365,768 S 1/1996 Rodriguez  
 5,588,217 A 12/1996 Lindner et al.  
 5,746,004 A 5/1998 Wertheim  
 5,755,037 A 5/1998 Stevens  
 6,305,093 B1 \* 10/2001 Venola ..... 33/451  
 D459,251 S 6/2002 Scheyer  
 6,418,634 B1 7/2002 Szumer  
 6,449,859 B1 9/2002 Zugel et al.  
 D468,221 S 1/2003 Greaves et al.  
 D479,139 S 9/2003 Kallabis et al.  
 6,681,494 B1 1/2004 Bowden  
 D486,084 S 2/2004 Kun, Sr. et al.  
 6,748,666 B2 6/2004 Zugel et al.  
 D497,316 S 10/2004 Kun, Sr. et al.  
 D498,152 S 11/2004 Hickey  
 D503,635 S 4/2005 Kallabis  
 D503,636 S 4/2005 Kim  
 6,957,494 B1 10/2005 Foran

D513,391 S 1/2006 Kim  
 D518,745 S 4/2006 Kim  
 D518,746 S 4/2006 Kim  
 D521,399 S 5/2006 Johnson et al.  
 D526,224 S 8/2006 Kim  
 7,228,637 B2 6/2007 Kim  
 D546,214 S 7/2007 Schwartz et al.  
 7,263,778 B2 9/2007 Lang et al.  
 D555,523 S 11/2007 Nickel et al.  
 D560,521 S 1/2008 Katz  
 D563,808 S 3/2008 Schwartz et al.  
 D573,908 S 7/2008 Levinson  
 7,472,487 B2 1/2009 Tran et al.  
 D596,056 S 7/2009 Scheyer  
 D597,872 S 8/2009 Gofer  
 D598,308 S 8/2009 Gofer  
 D598,309 S 8/2009 Gofer  
 D607,351 S 1/2010 Gofer  
 7,779,545 B2 8/2010 Kallabis  
 D625,631 S 10/2010 Ben-Josef et al.  
 D627,668 S \* 11/2010 Piencikowski ..... D10/69  
 8,220,171 B2 7/2012 Ben-Josef et al.  
 D668,163 S 10/2012 Levinson  
 D730,207 S \* 5/2015 Ben Josef et al. .... D10/69  
 2005/0039341 A1 2/2005 Hickey  
 2005/0229413 A1 10/2005 Foran  
 2006/0037204 A1 2/2006 Gruetzmacher  
 2007/0214671 A1 \* 9/2007 Campagna et al. .... 33/492  
 2007/0246116 A1 10/2007 Peak et al.  
 2009/0139102 A1 6/2009 Kallabis  
 2011/0265340 A1 \* 11/2011 Kallabis ..... 33/381  
 2011/0271537 A1 11/2011 Scheyer et al.  
 2013/0167387 A1 \* 7/2013 Lueck et al. .... 33/374

FOREIGN PATENT DOCUMENTS

CN 2938031 Y 8/2007  
 DE 306455 8/1922  
 DE 3125510 1/1983  
 DE 8236725 5/1983  
 EP 0239030 A1 9/1987  
 GB 212823 A 3/1924  
 GB 503065 A 3/1939  
 GB 836728 6/1960  
 GB 936517 9/1963  
 GB 2080529 A 2/1982  
 GB 2162947 A 2/1986  
 GB 2222677 3/1990  
 GB 2223586 A 4/1990  
 JP 2-93710 7/1990  
 JP 3-16018 2/1991  
 JP 5-57162 7/1993  
 JP 3006750 U 1/1995  
 JP 8-101037 4/1996  
 PL 39626 2/1957  
 WO 96/03258 2/1996  
 WO 2004/044524 5/2004  
 WO 2006/023701 3/2006  
 WO 2007/072489 6/2007  
 WO 2008107868 9/2008

OTHER PUBLICATIONS

Kapro Industries LTD I-Beam Levels Products Page, Kapro Industries Ltd., available at [http://www.kapro.com/SubCat.asp?parent=2&cat\\_id=8](http://www.kapro.com/SubCat.asp?parent=2&cat_id=8), on Aug. 16, 2010, 1 page.

\* cited by examiner



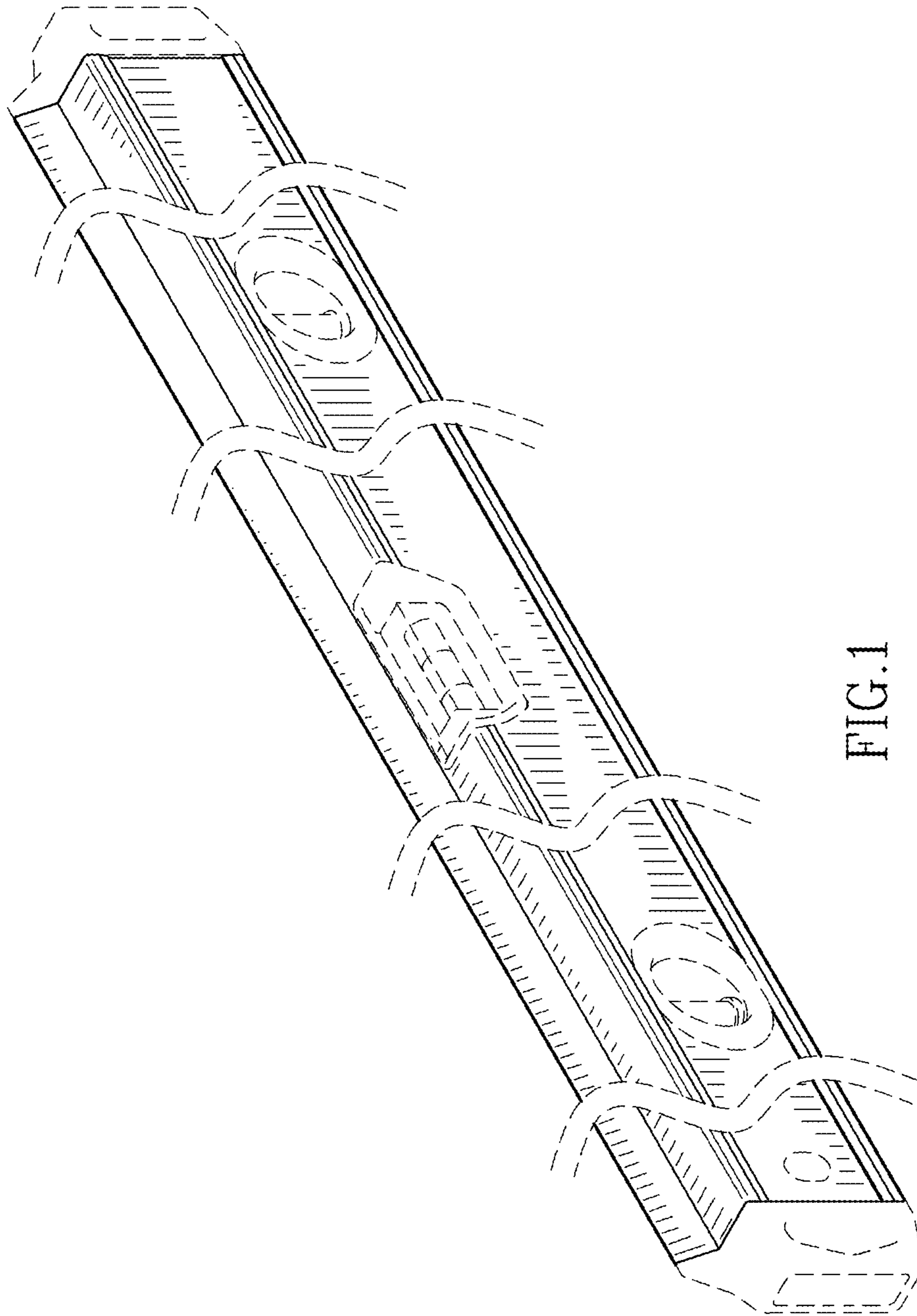


FIG. 1



FIG. 2

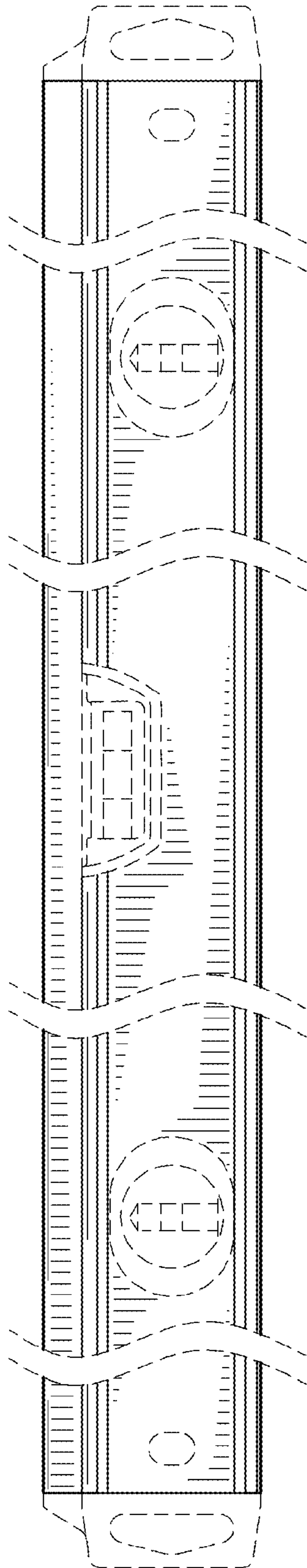


FIG. 3

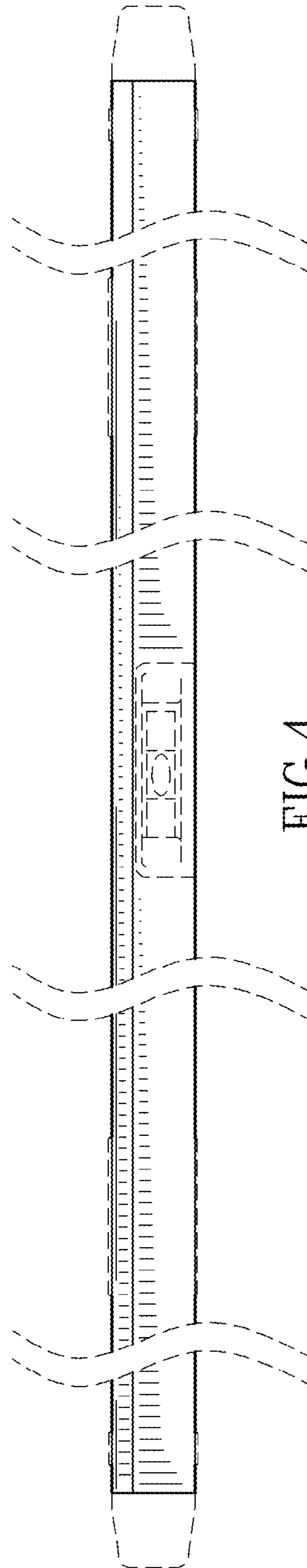


FIG. 4

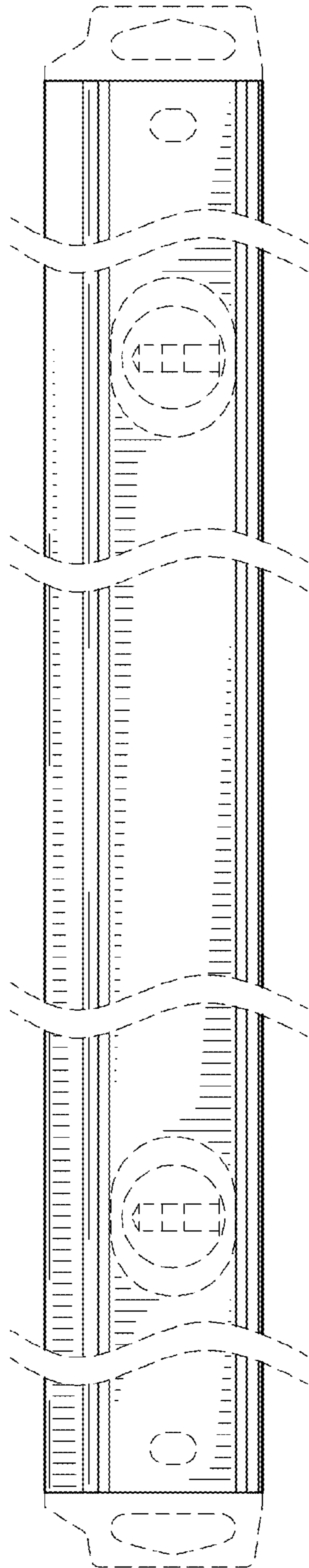


FIG. 5

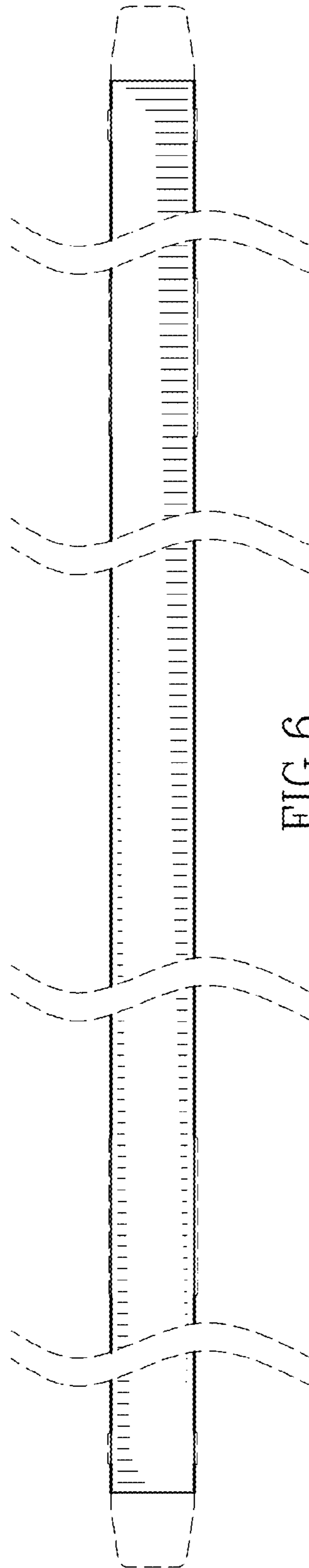


FIG. 6