



US00D928093S

(12) **United States Design Patent**  
**Byrne et al.**

(10) **Patent No.:** **US D928,093 S**  
(45) **Date of Patent:** **\*\* Aug. 17, 2021**

(54) **PORTABLE POWER AND DATA RECEPTACLE FOR FURNITURE**

(71) Applicants: **Norman R. Byrne**, Ada, MI (US);  
**Joseph D. Ward**, Grand Rapids, MI (US)

(72) Inventors: **Norman R. Byrne**, Ada, MI (US);  
**Joseph D. Ward**, Grand Rapids, MI (US)

(\*\*) Term: **15 Years**

(21) Appl. No.: **29/605,930**

(22) Filed: **May 31, 2017**

(51) **LOC (13) Cl.** ..... **13-03**

(52) **U.S. Cl.**

USPC ..... **D13/139.4**

(58) **Field of Classification Search**

USPC .... D13/107-110, 137.1-137.4, 138.1-138.2,  
D13/139.1-139.8, 149-157, 199, 133,  
(Continued)

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D279,185 S \* 6/1985 Felix ..... D14/251  
5,351,173 A 9/1994 Byrne  
(Continued)

**OTHER PUBLICATIONS**

Couchlet: Power Up Your Sofa, Indiegogo, downloaded from www.indiegogo.com/projects/couchlet-power-up-your-sofa-usb#, Oct. 11, 2016.

(Continued)

*Primary Examiner* — Christy Nemeth

(74) *Attorney, Agent, or Firm* — Gardner, Linn, Burkhardt & Ondersma LLP

(57) **CLAIM**

The ornamental design for a portable power and data receptacle for furniture, as shown and described.

**DESCRIPTION**

FIG. 1 is a top, front perspective view of a portable power and data receptacle for furniture showing our new design, according to a first embodiment;  
FIG. 2 is a bottom, rear perspective view thereof;  
FIG. 3 is a top plan view thereof;  
FIG. 4 is a front elevation thereof;  
FIG. 5 is a bottom plan view thereof;  
FIG. 6 is a rear elevation thereof;  
FIG. 7 is a left side elevation thereof;  
FIG. 8 is a right side elevation thereof;  
FIG. 9 is a top, front perspective view of another portable power and data receptacle for furniture showing our new design, according to a second embodiment, shown in a straight configuration;  
FIG. 10 is a bottom, rear perspective view thereof;  
FIG. 11 is a top plan view thereof;  
FIG. 12 is a front elevation thereof;  
FIG. 13 is a bottom plan view thereof;  
FIG. 14 is a rear elevation thereof;  
FIG. 15 is a left side elevation thereof;  
FIG. 16 is a right side elevation thereof;  
FIG. 17 is another top, front perspective view of the portable power and data receptacle for furniture of FIG. 9, shown in a bent configuration;  
FIG. 18 is a bottom, rear perspective view thereof;  
FIG. 19 is a top plan view thereof;  
FIG. 20 is a front elevation thereof;  
FIG. 21 is a bottom plan view thereof;  
FIG. 22 is a rear elevation thereof;  
FIG. 23 is a left side elevation thereof;  
FIG. 24 is a right side elevation thereof;  
FIG. 25 is a top, front perspective view of the portable power and data receptacle for furniture of FIG. 1 with symbolic break lines omitted;  
FIG. 26 is a top, front perspective view of the portable power and data receptacle for furniture of FIG. 9 with symbolic break lines omitted; and,

(Continued)

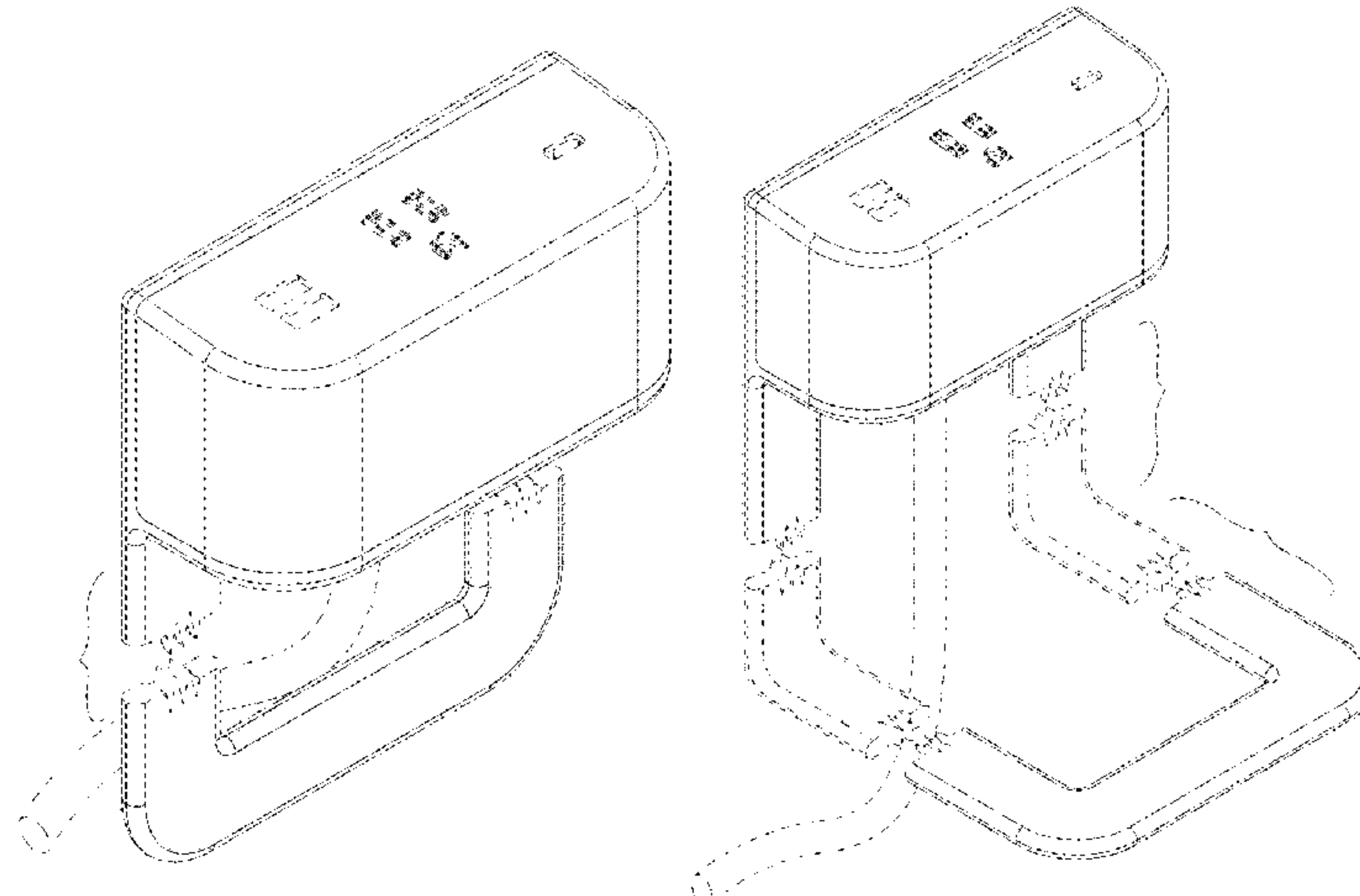


FIG. 27 is a top, front perspective view of the portable power and data receptacle for furniture of FIG. 17 with symbolic break lines omitted.

The portable power and data receptacle for furniture is shown with a symbolic break along its length in FIGS. 1, 2, 4, 6-10, 12, and 14-24. The appearance of any portion of the portable power and data receptacle for furniture between the symbolic break lines forms no part of the claimed design. The broken lines in the drawings are for the purpose of illustrating portions of the article that form no part of the claimed design.

**1 Claim, 13 Drawing Sheets**

**(58) Field of Classification Search**

USPC ..... D13/139.4; D14/432, 433, 435.1;  
D8/350, 353-356  
CPC .... H01R 25/00; H01R 25/003; H01R 25/006;  
H01R 11/00; H01R 9/00; H01R 13/5845;  
H01R 13/72; H01R 13/46; H01R 31/06;  
H01R 24/28; H02J 2007/0062; H01B  
7/2806; A61F 2/962

See application file for complete search history.

**(56) References Cited**

**U.S. PATENT DOCUMENTS**

6,089,892 A 7/2000 Snow et al.  
6,486,407 B1 11/2002 Hawker et al.  
6,540,554 B2 4/2003 McCarthy  
7,083,421 B1 8/2006 Mori  
D568,817 S 5/2008 Yu  
7,442,090 B2 10/2008 Mori et al.  
7,488,203 B2 2/2009 Leddusire  
7,557,297 B2 7/2009 Axland et al.  
7,625,241 B2 12/2009 Axland et al.  
7,625,242 B2 12/2009 Axland et al.  
7,626,119 B2 12/2009 Axland et al.  
7,645,169 B2 1/2010 Axland et al.  
7,731,540 B2 6/2010 Mori et al.  
D626,071 S 10/2010 Su et al.  
D628,157 S 11/2010 Su et al.  
7,938,679 B2 5/2011 Wadsworth et al.  
D642,519 S \* 8/2011 Woo ..... D13/108  
D642,529 S 8/2011 Su et al.  
8,058,839 B2 11/2011 Saw  
D652,834 S \* 1/2012 Jones ..... D14/434

D655,293 S \* 3/2012 Gioscia ..... D14/434  
D667,012 S \* 9/2012 Chen ..... D14/447  
8,292,657 B2 10/2012 Singh  
8,295,036 B2 10/2012 Byrne  
8,330,041 B2 12/2012 Axland et al.  
D682,789 S 5/2013 Au  
D684,963 S \* 6/2013 Goodrich ..... D14/253  
D690,708 S \* 10/2013 Smith ..... D14/447  
D691,953 S 10/2013 Chayer  
D693,314 S \* 11/2013 McKeage ..... D13/162  
D711,885 S \* 8/2014 Ohshima ..... D14/434  
8,920,191 B2 12/2014 Carpanzano  
8,951,054 B2 2/2015 Byrne et al.  
9,148,006 B2 \* 9/2015 Byrne ..... H02G 3/18  
9,257,803 B2 2/2016 Alagna et al.  
9,373,921 B1 6/2016 Lin  
D772,812 S \* 11/2016 Choe ..... D13/108  
D782,411 S \* 3/2017 Mischke ..... D13/108  
D800,134 S \* 10/2017 McDonald ..... D14/447  
D801,922 S \* 11/2017 Morenstein ..... D13/108  
D811,337 S \* 2/2018 Byrne ..... D13/137.2  
D816,027 S \* 4/2018 Chen ..... D13/108  
D816,647 S \* 5/2018 Li ..... D14/240  
D827,579 S \* 9/2018 Byrne ..... D13/139.4  
D840,347 S \* 2/2019 Byrne ..... D13/139.4  
D845,896 S \* 4/2019 Hu ..... D13/108  
D848,371 S \* 5/2019 Byrne ..... D13/139.4  
D849,686 S \* 5/2019 Byrne ..... D13/137.2  
D853,326 S \* 7/2019 Jun ..... D13/108  
D856,284 S \* 8/2019 Byrne ..... D13/139.4  
D859,308 S \* 9/2019 Connell ..... D13/108  
D874,404 S \* 2/2020 Byrne ..... D13/139.4  
10,581,209 B2 \* 3/2020 Byrne ..... H01R 13/72  
2004/0261175 A1 12/2004 May  
2005/0106933 A1 5/2005 Yap  
2007/0087604 A1 4/2007 Hayes et al.  
2011/0215759 A1 9/2011 Lee et al.  
2013/0291304 A1 11/2013 Steinberg  
2013/0333940 A1 12/2013 Stencil  
2016/0226279 A1 8/2016 Anderson  
2016/0242564 A1 8/2016 Cass  
2018/0358762 A1 \* 12/2018 Byrne ..... H01R 13/72  
2018/0358765 A1 \* 12/2018 Byrne ..... H02J 7/00

**OTHER PUBLICATIONS**

Nuplug™ the most convenient outlet for your smart-devices, Shopstarter, downloaded from [www.shopstarter.com/p/1704062015/nuplugtm-the-most-convenie](http://www.shopstarter.com/p/1704062015/nuplugtm-the-most-convenie), Oct. 11, 2016.

Studio 3B™ 4-Piece USB Bed Lift Set, Bed Bath & Beyond, downloaded from [www.bedbathandbeyond.com/store/product/studio-3b-4-piece-usb](http://www.bedbathandbeyond.com/store/product/studio-3b-4-piece-usb), Oct. 11, 2016.

\* cited by examiner



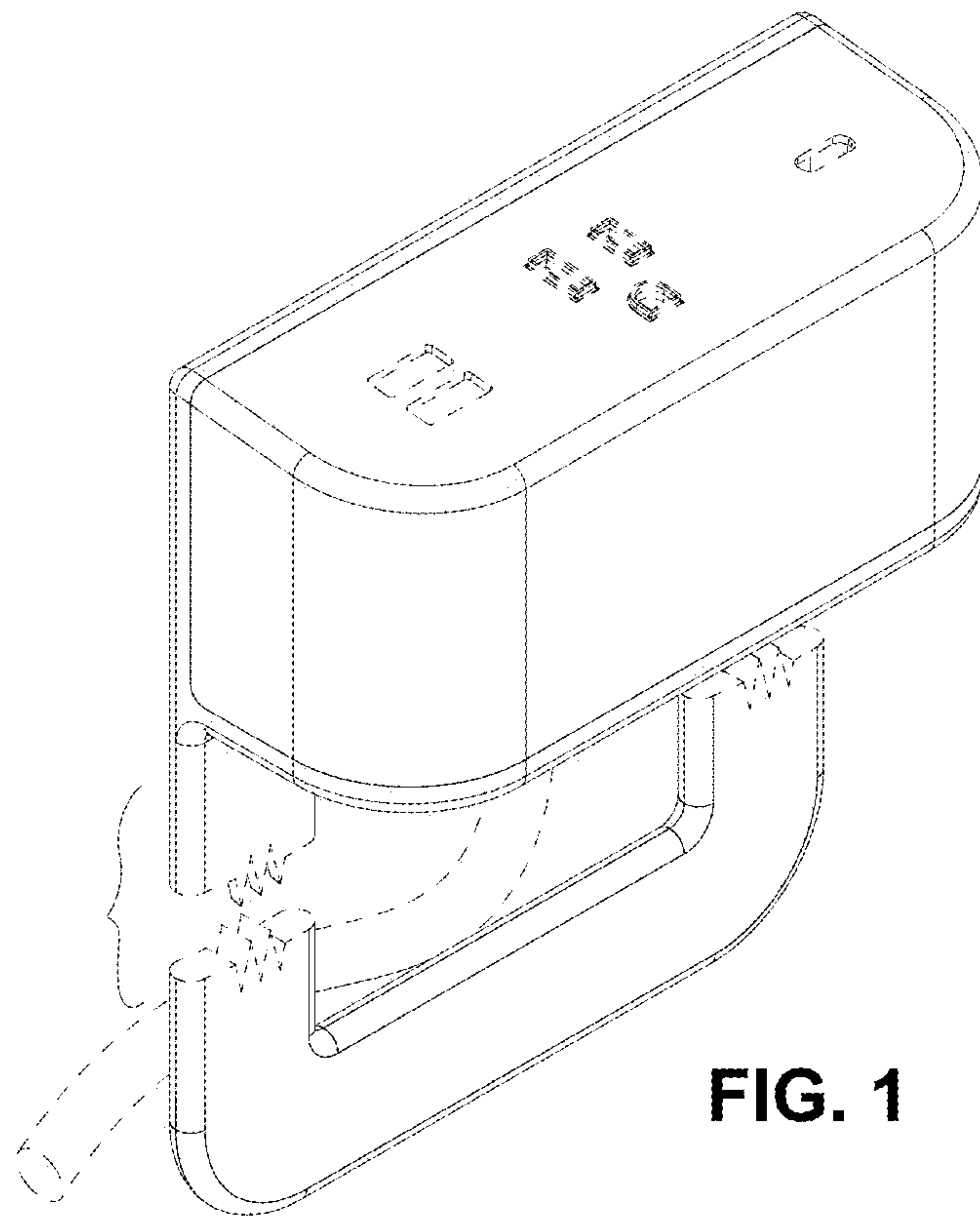


FIG. 1

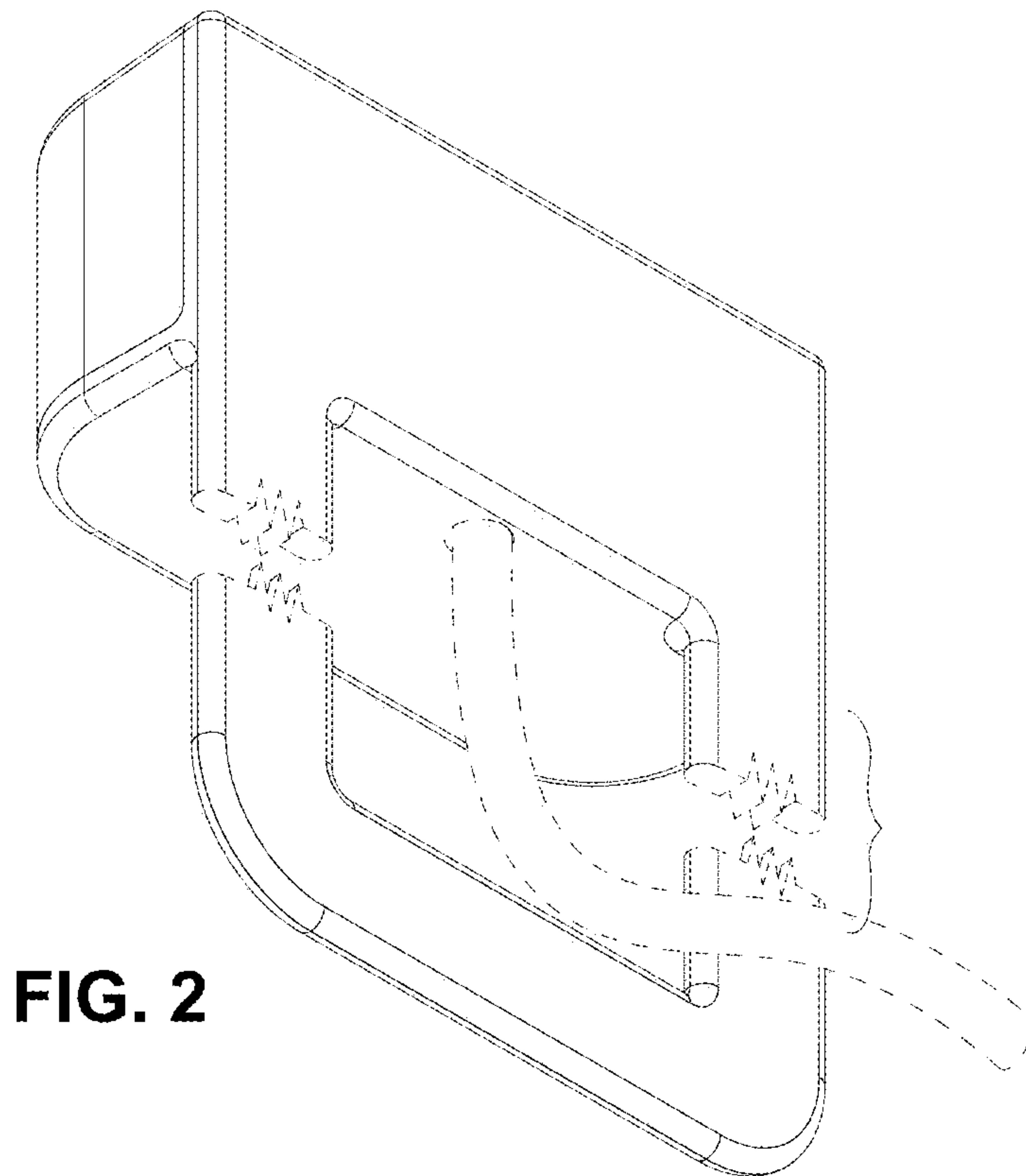


FIG. 2

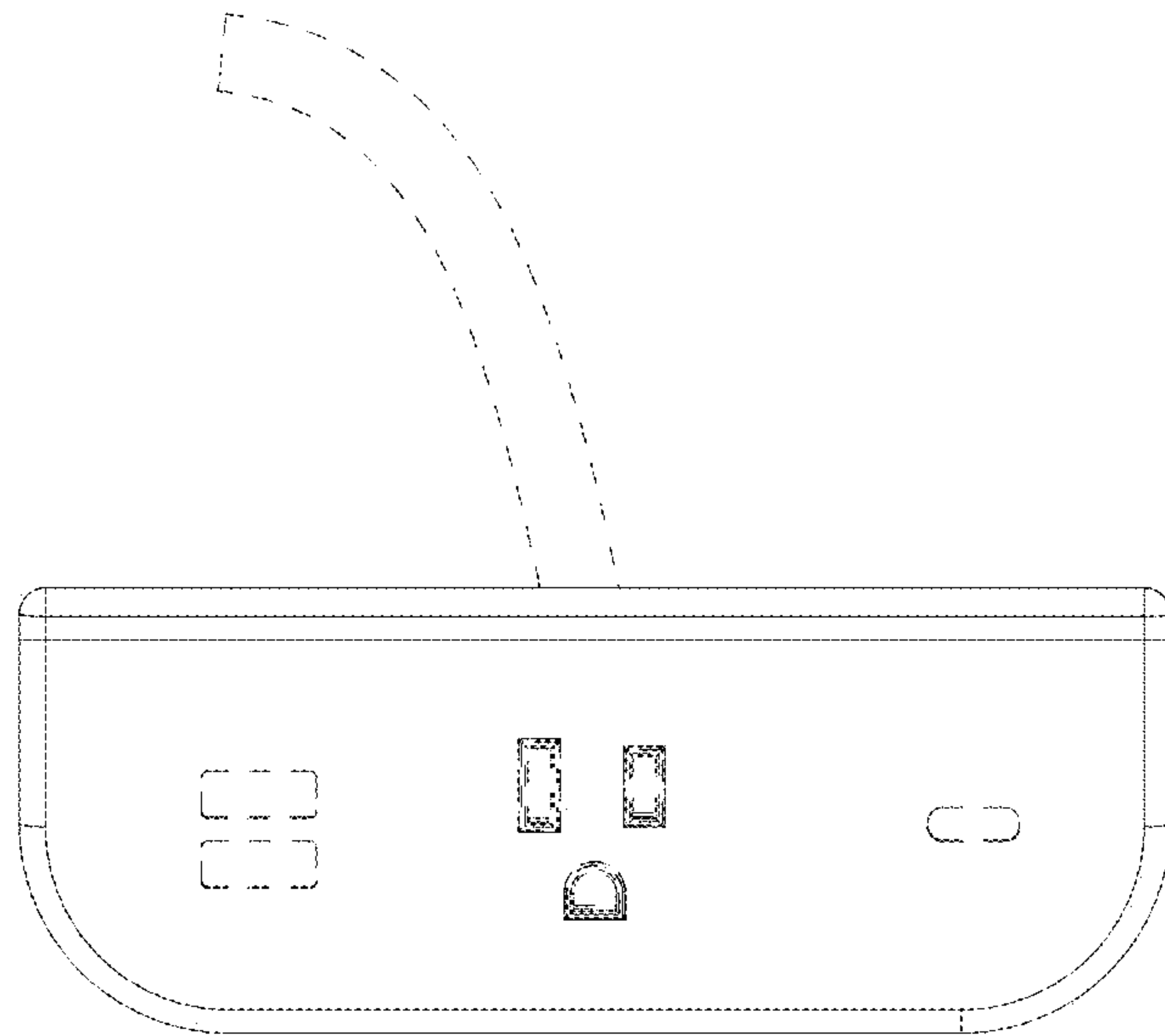


FIG. 3

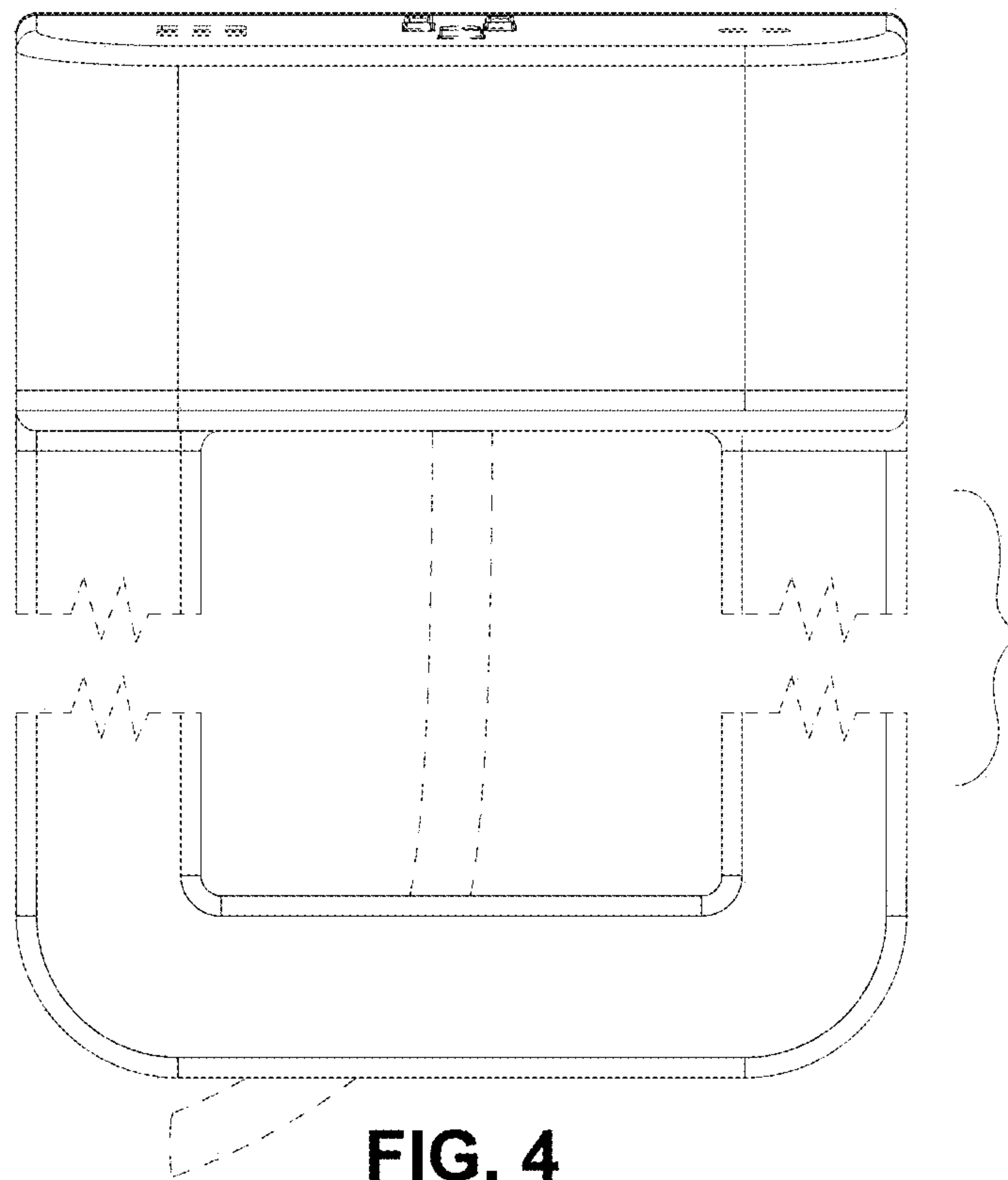
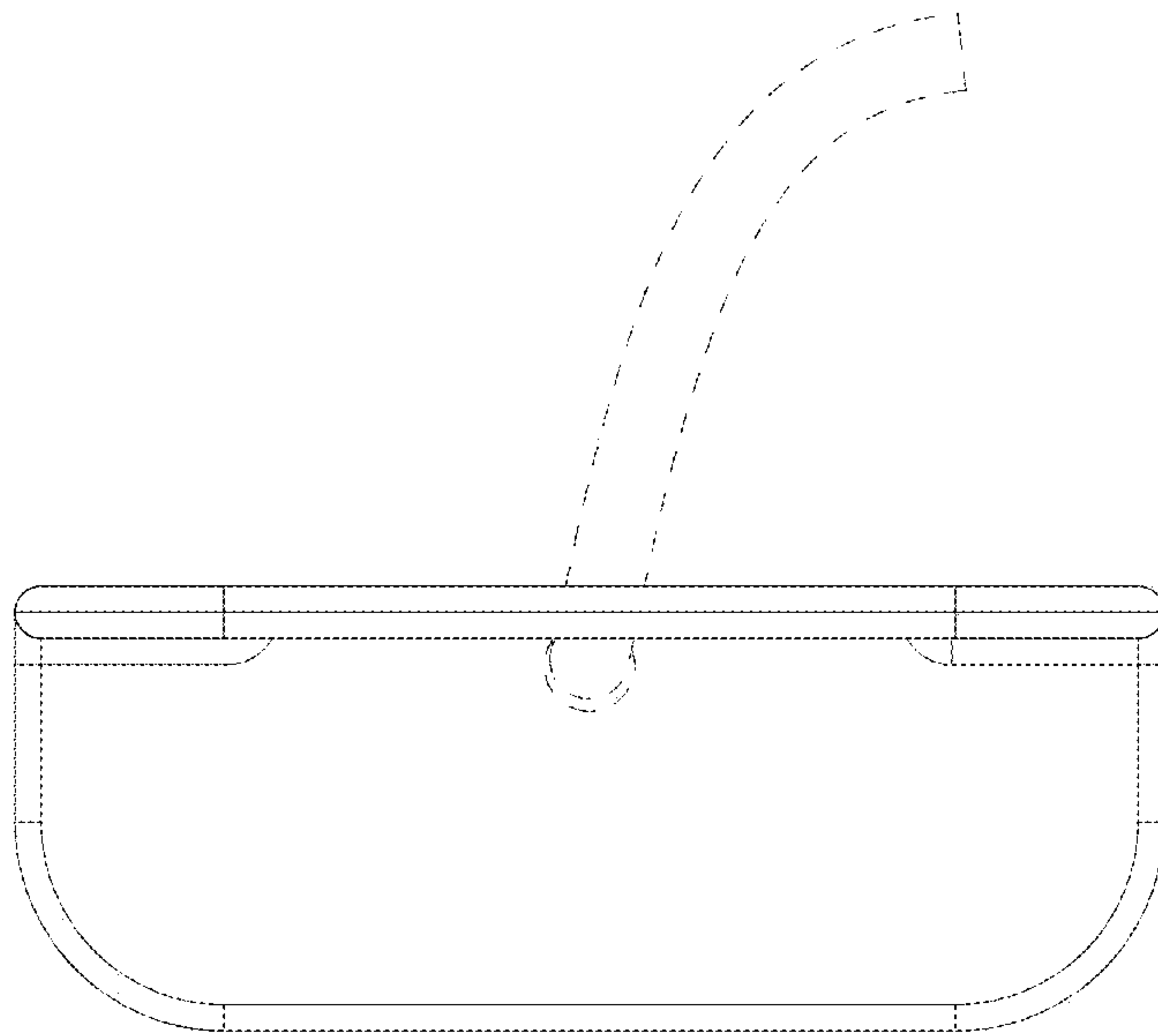
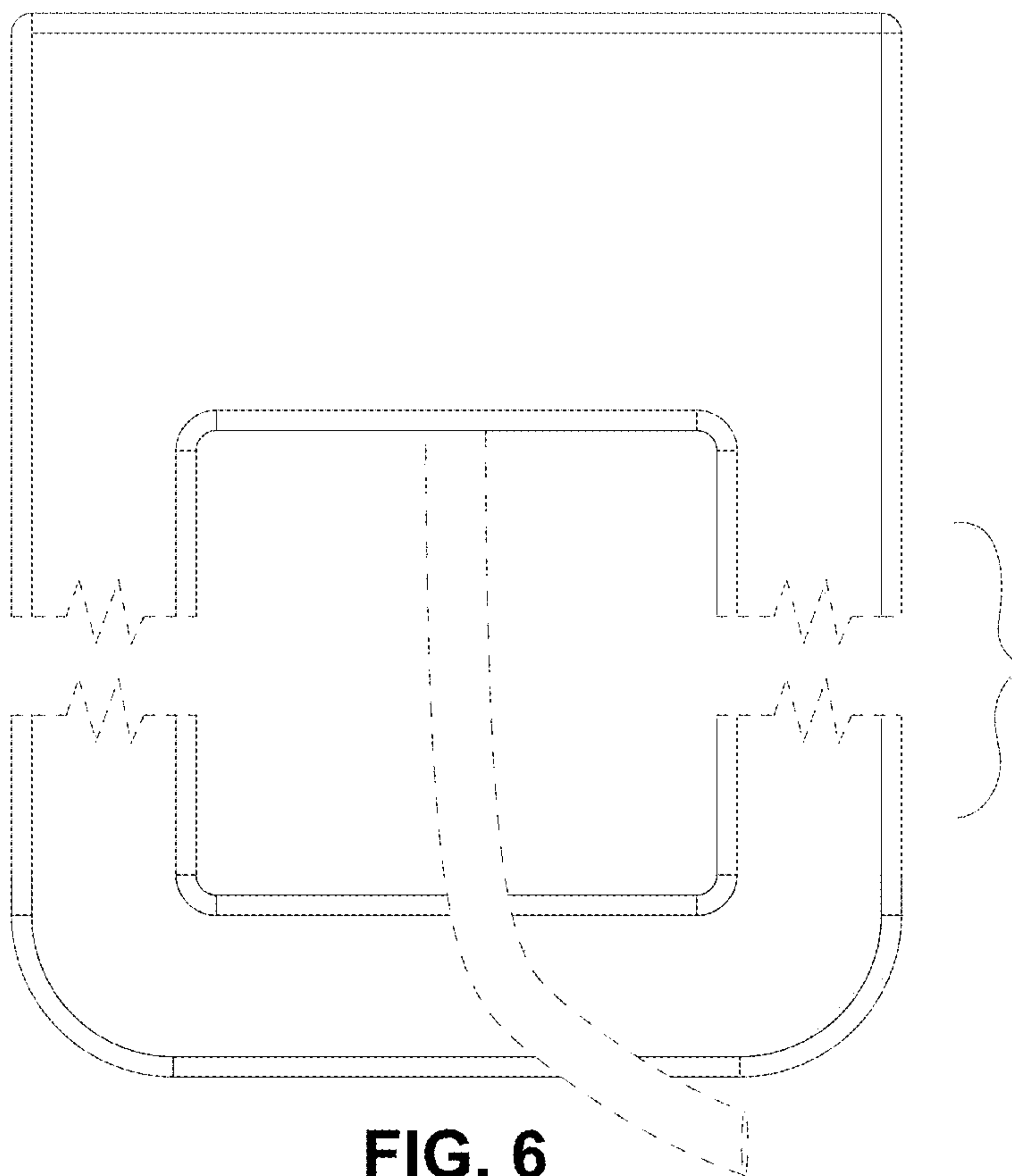


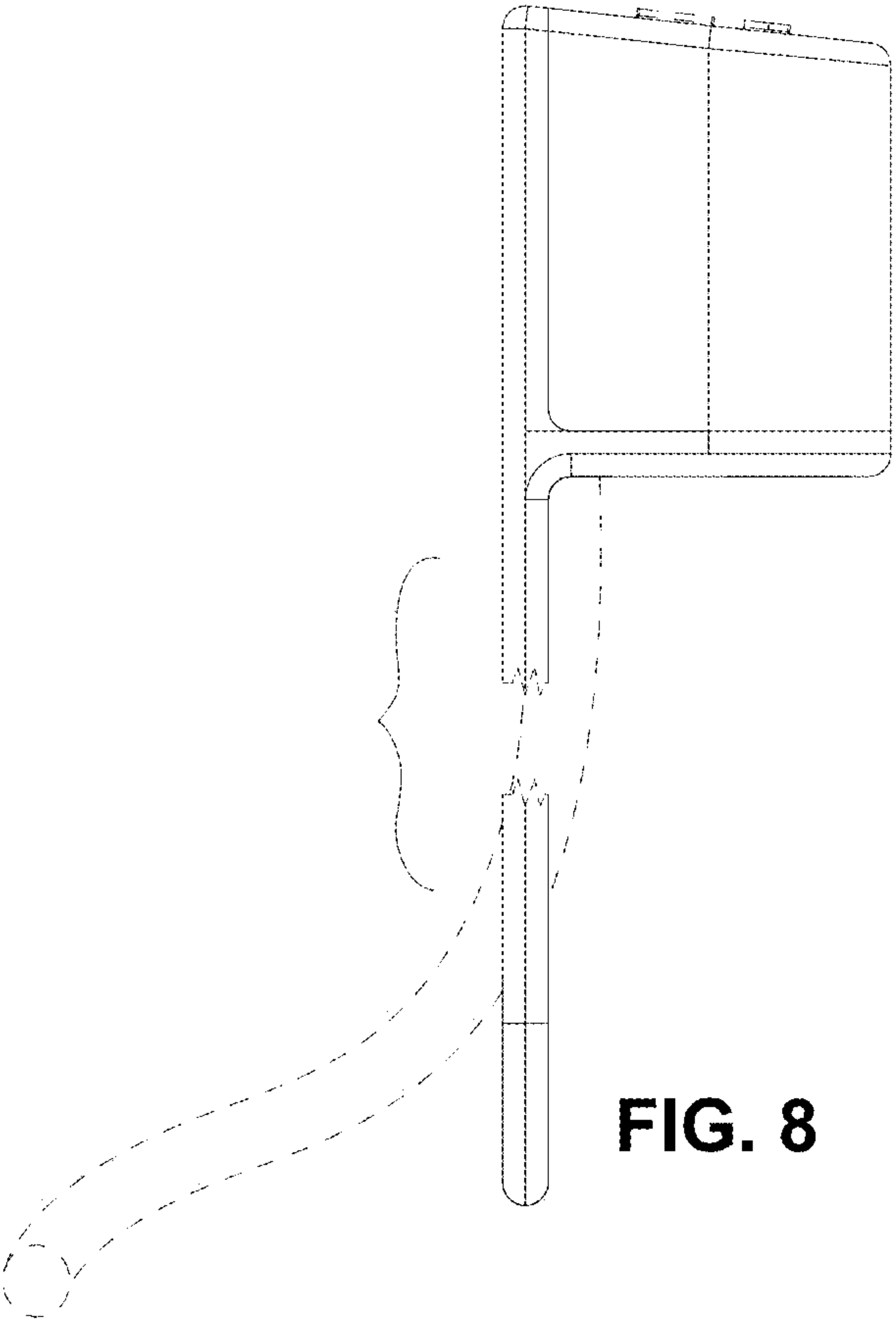
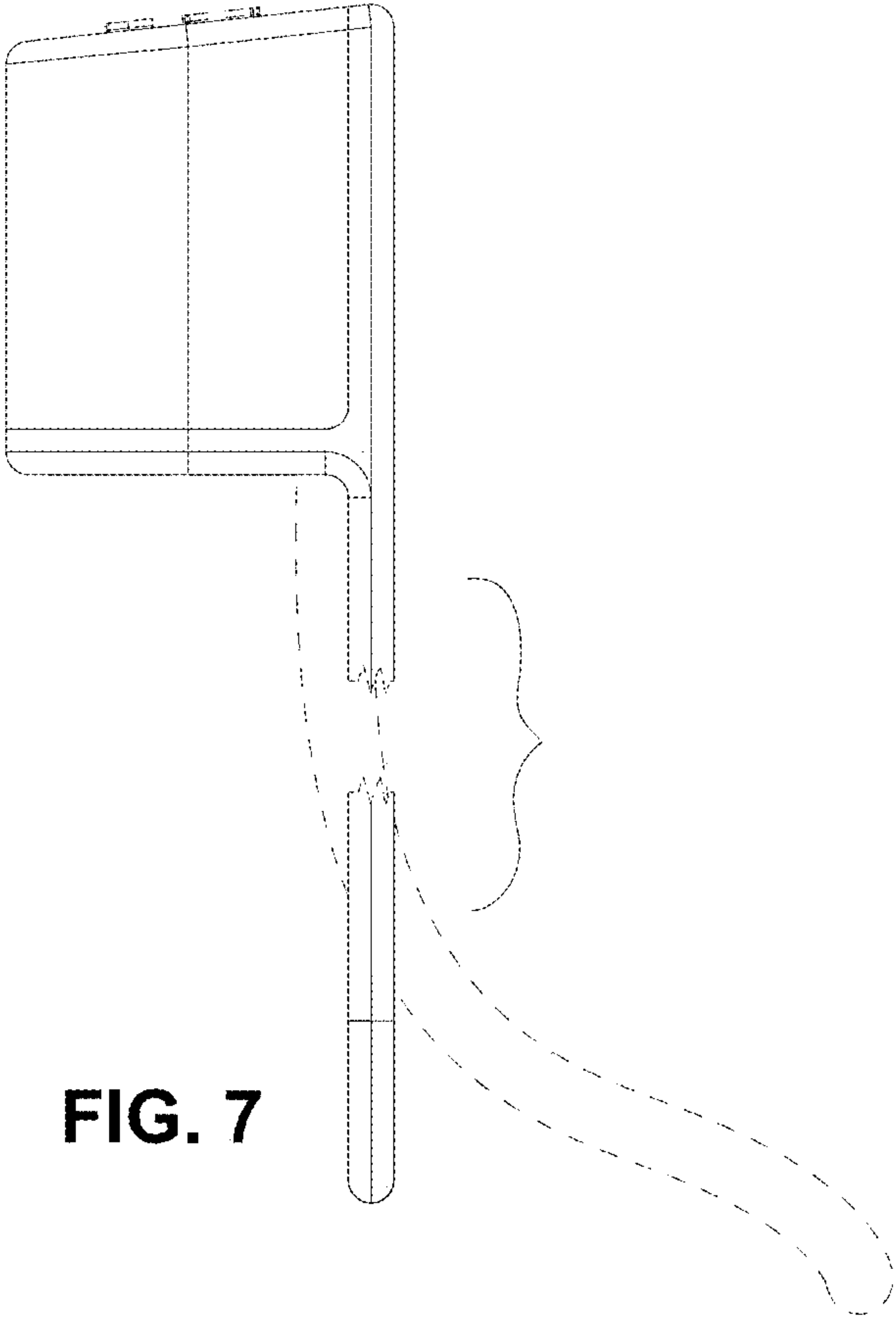
FIG. 4



**FIG. 5**



**FIG. 6**



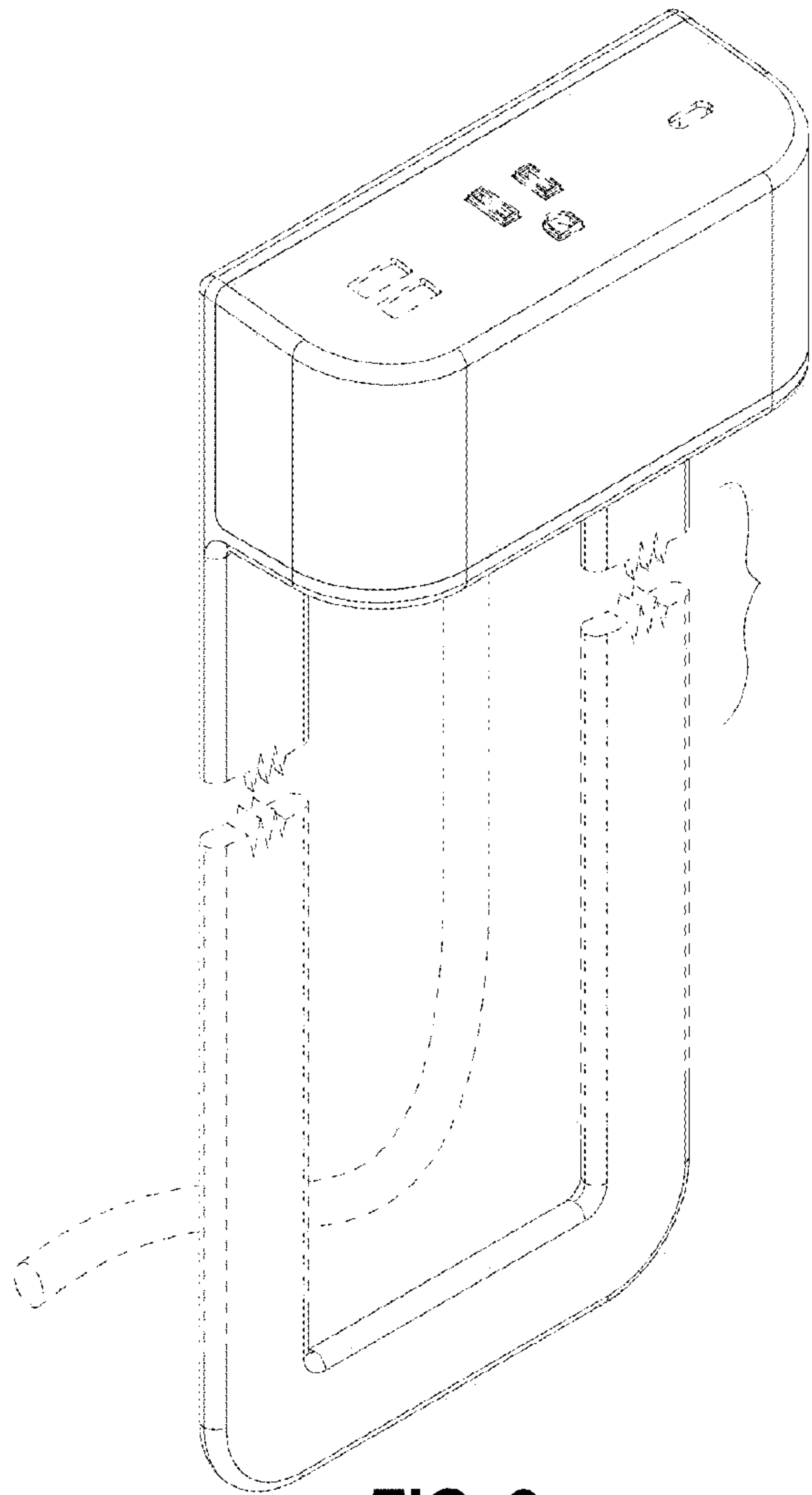


FIG. 9

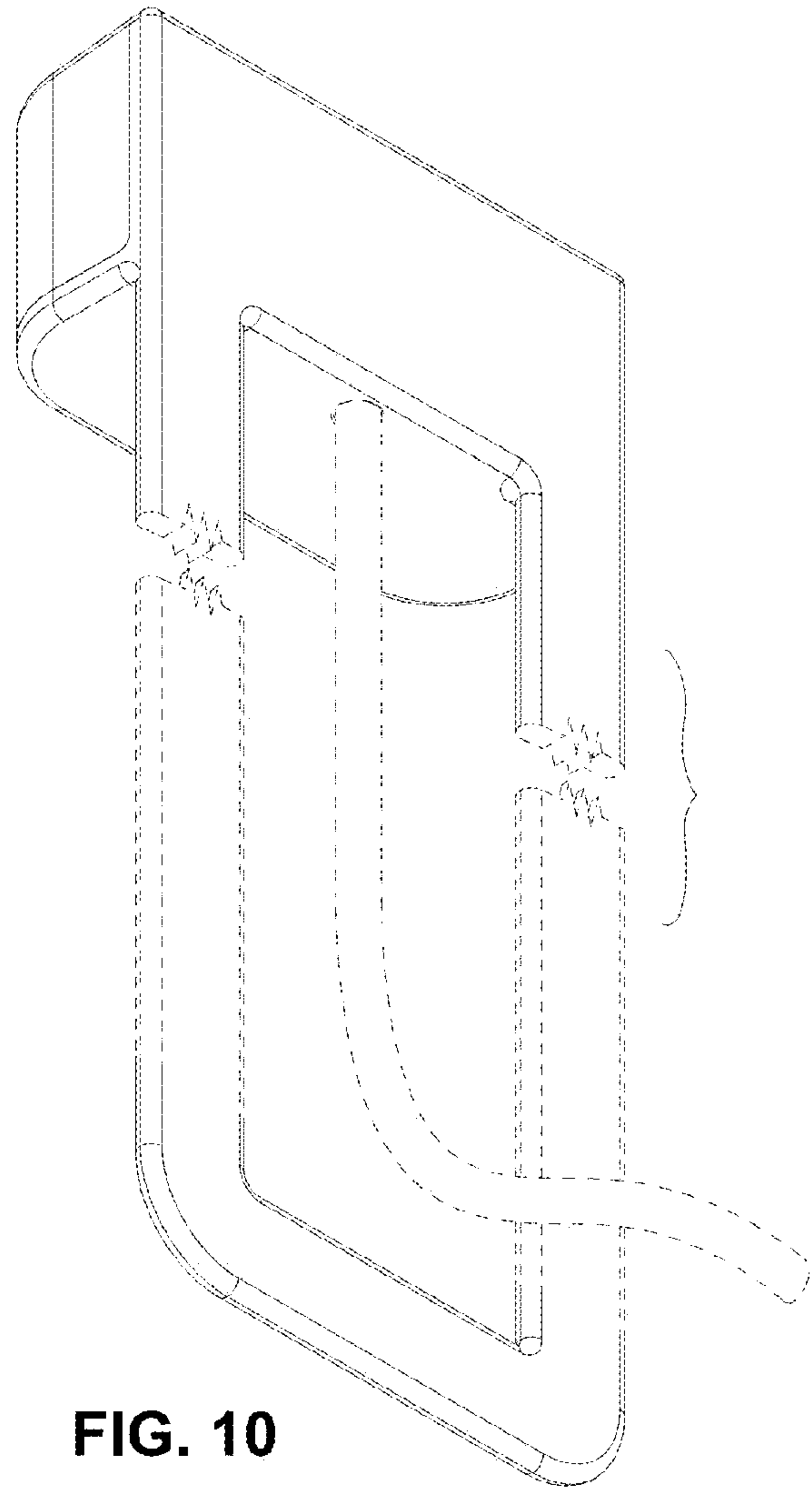
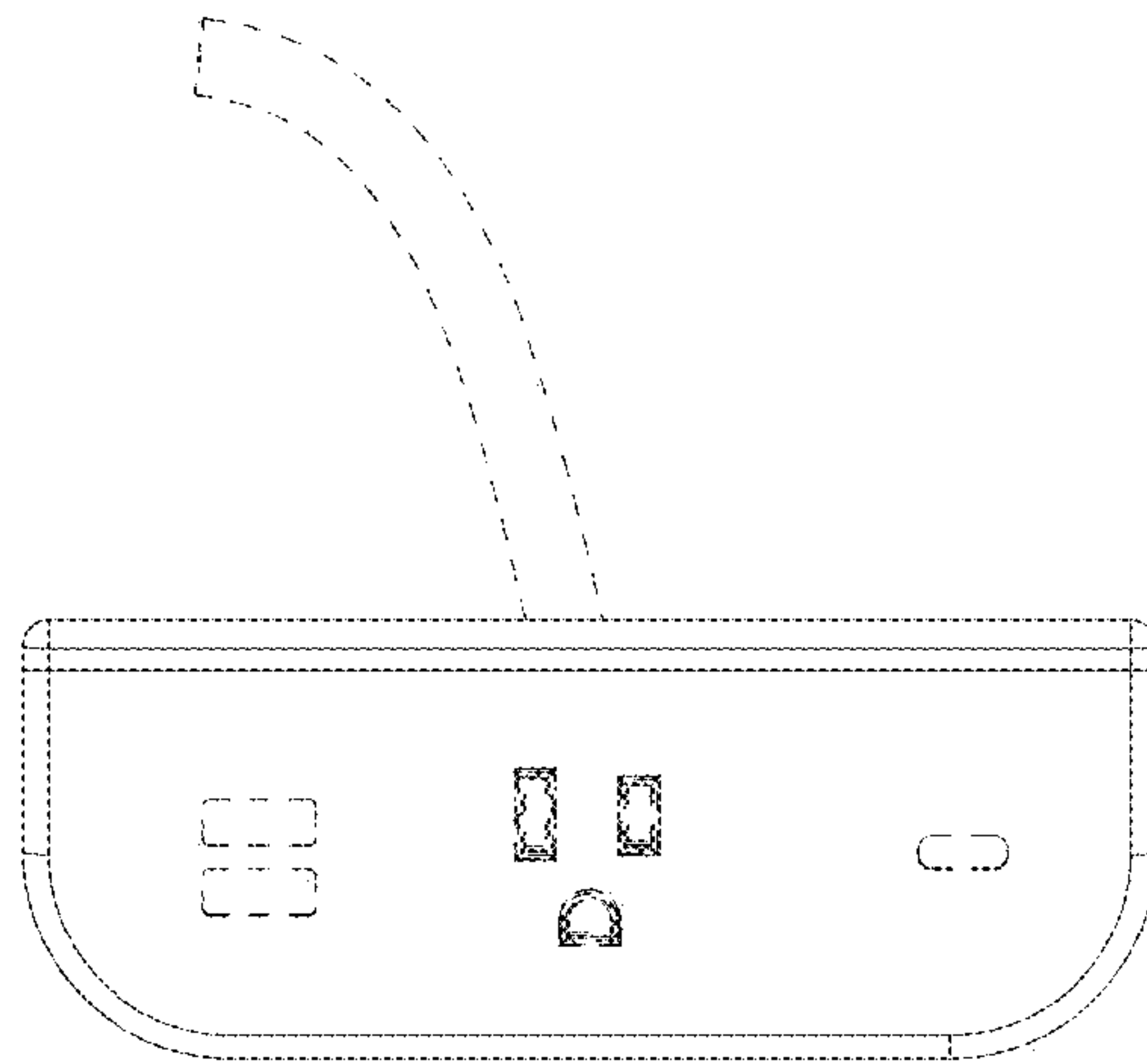
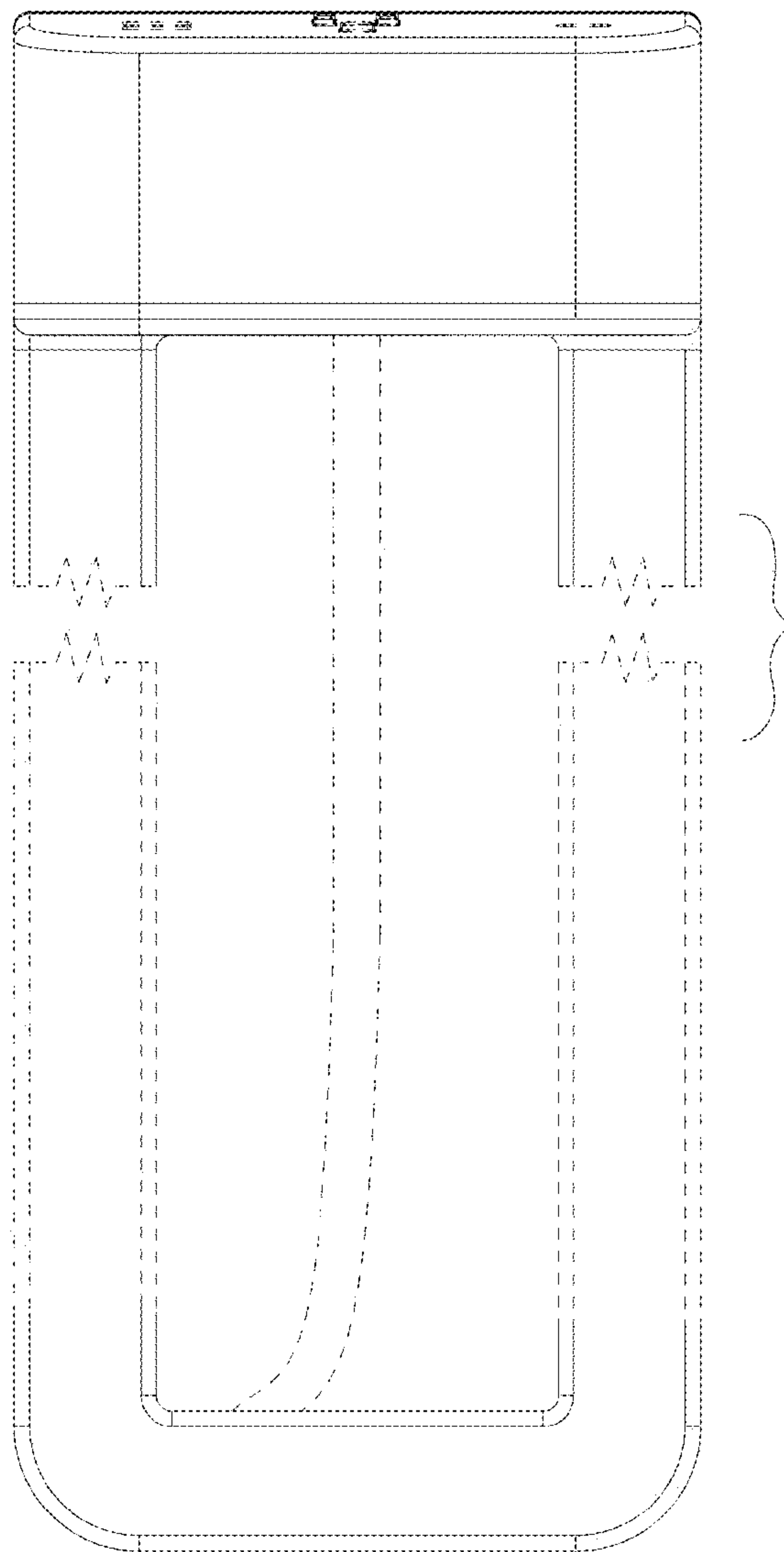


FIG. 10



**FIG. 11**



**FIG. 12**



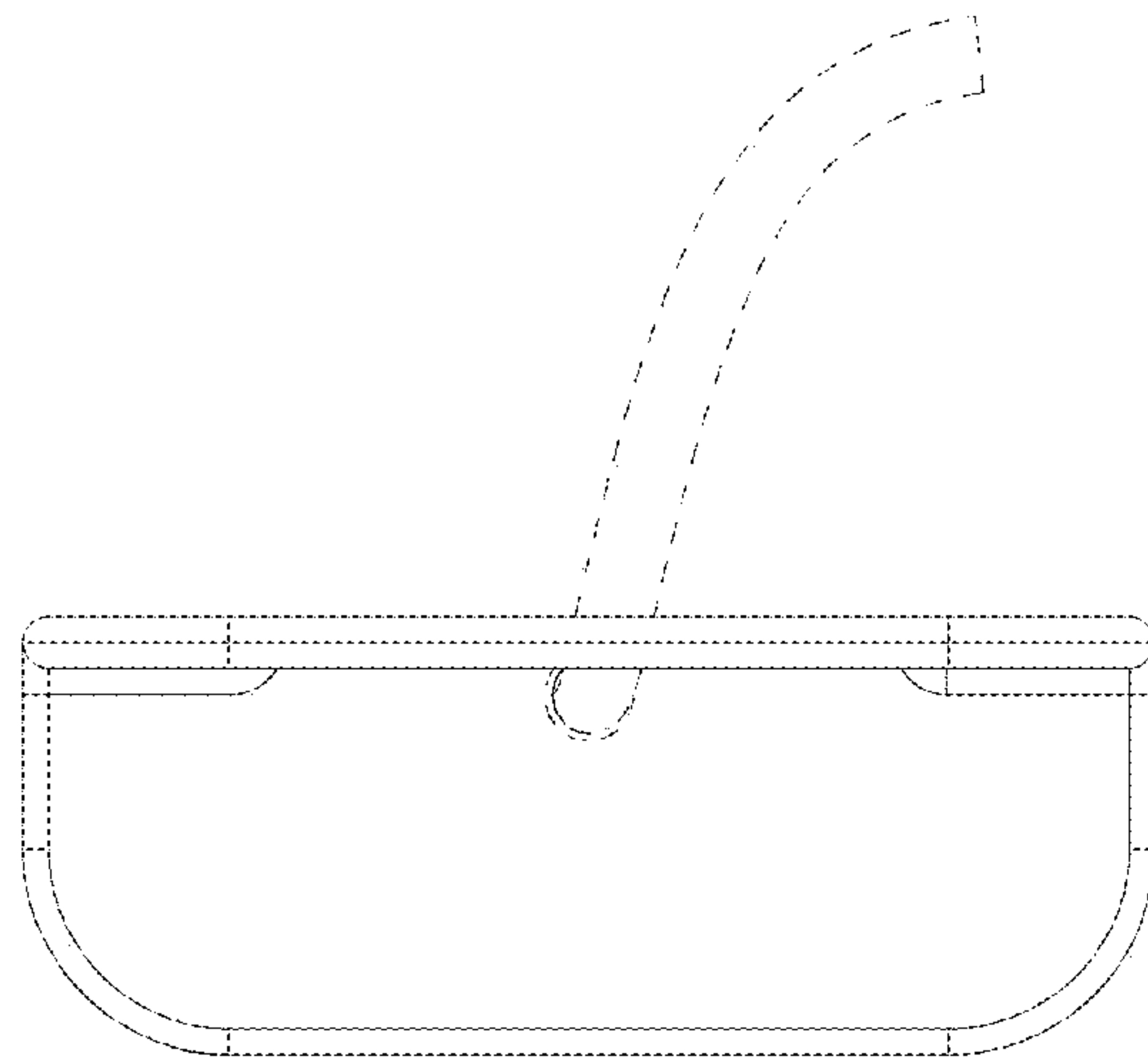


FIG. 13

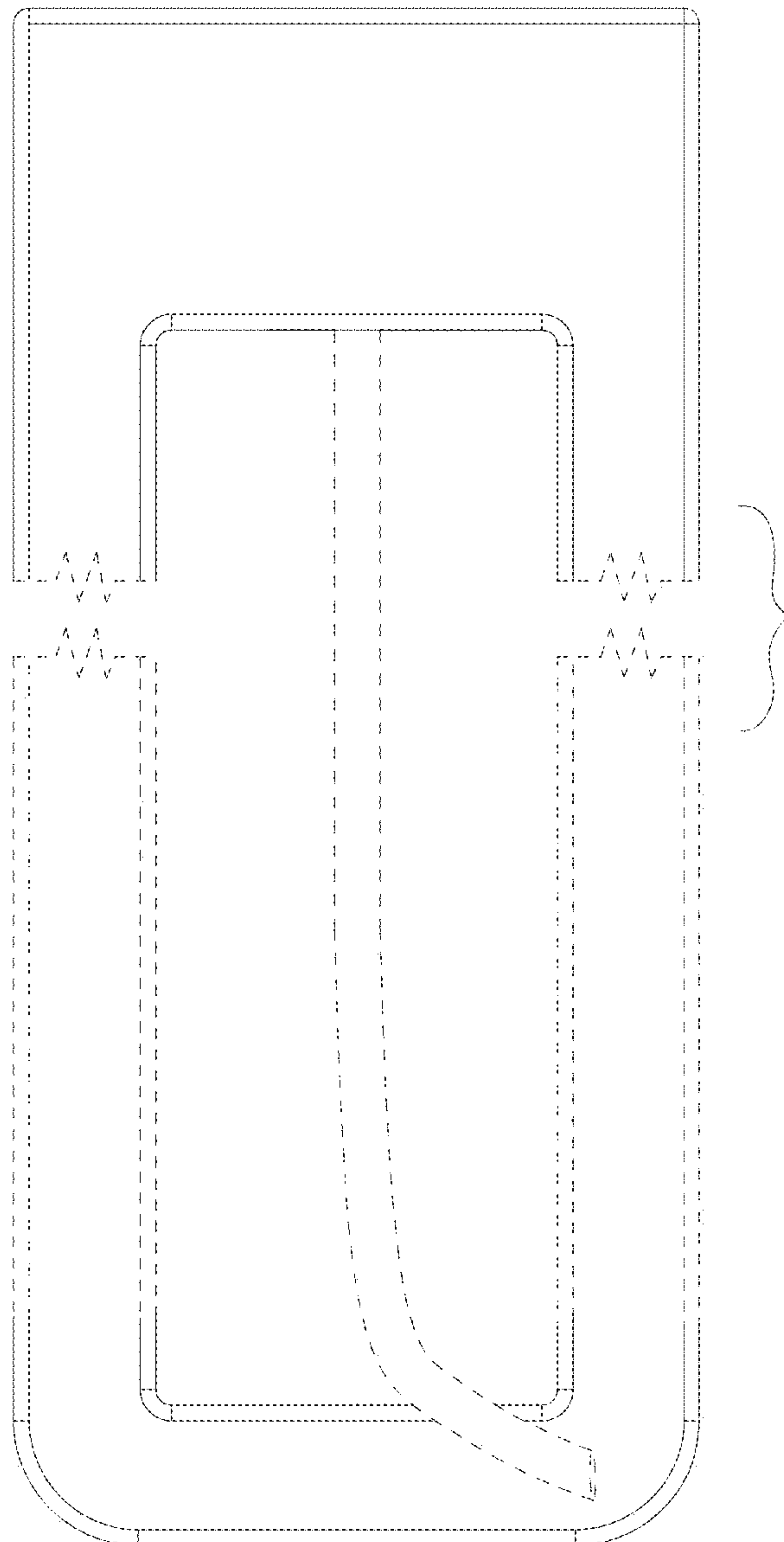
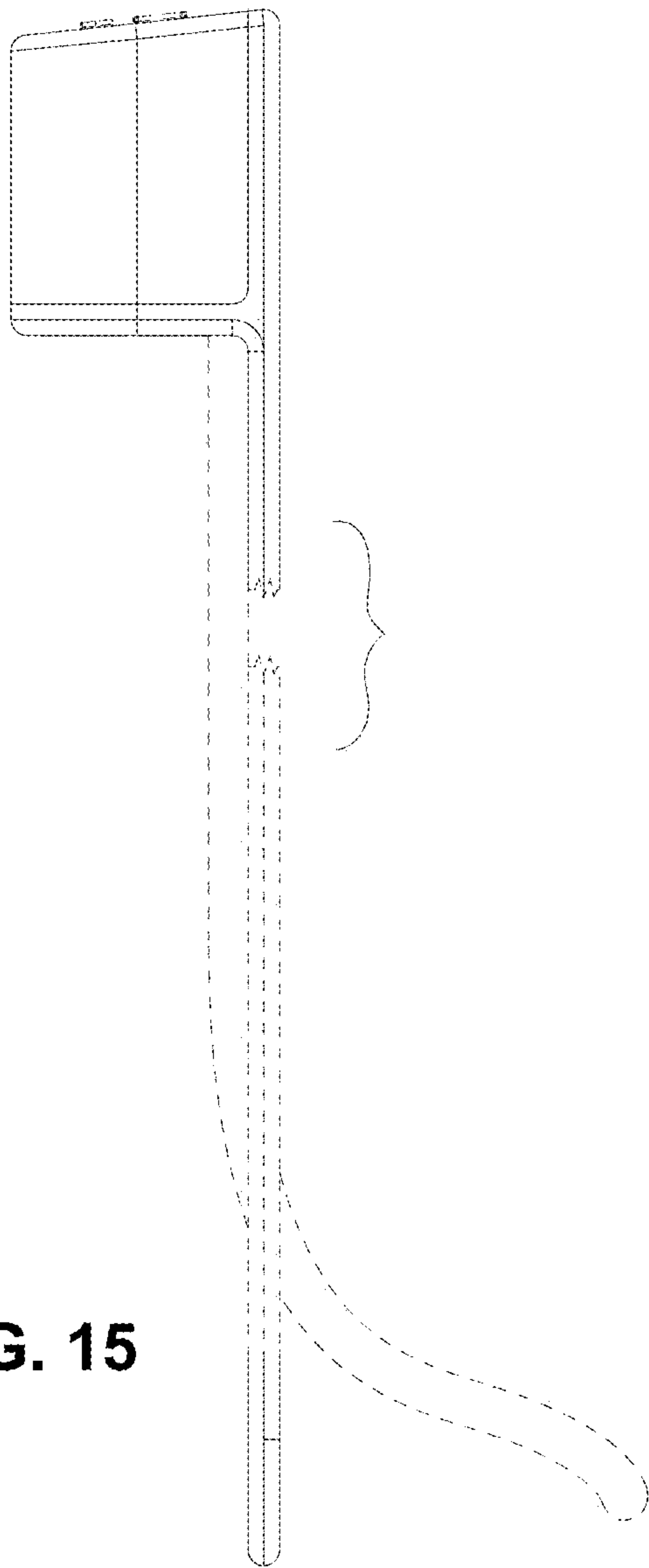
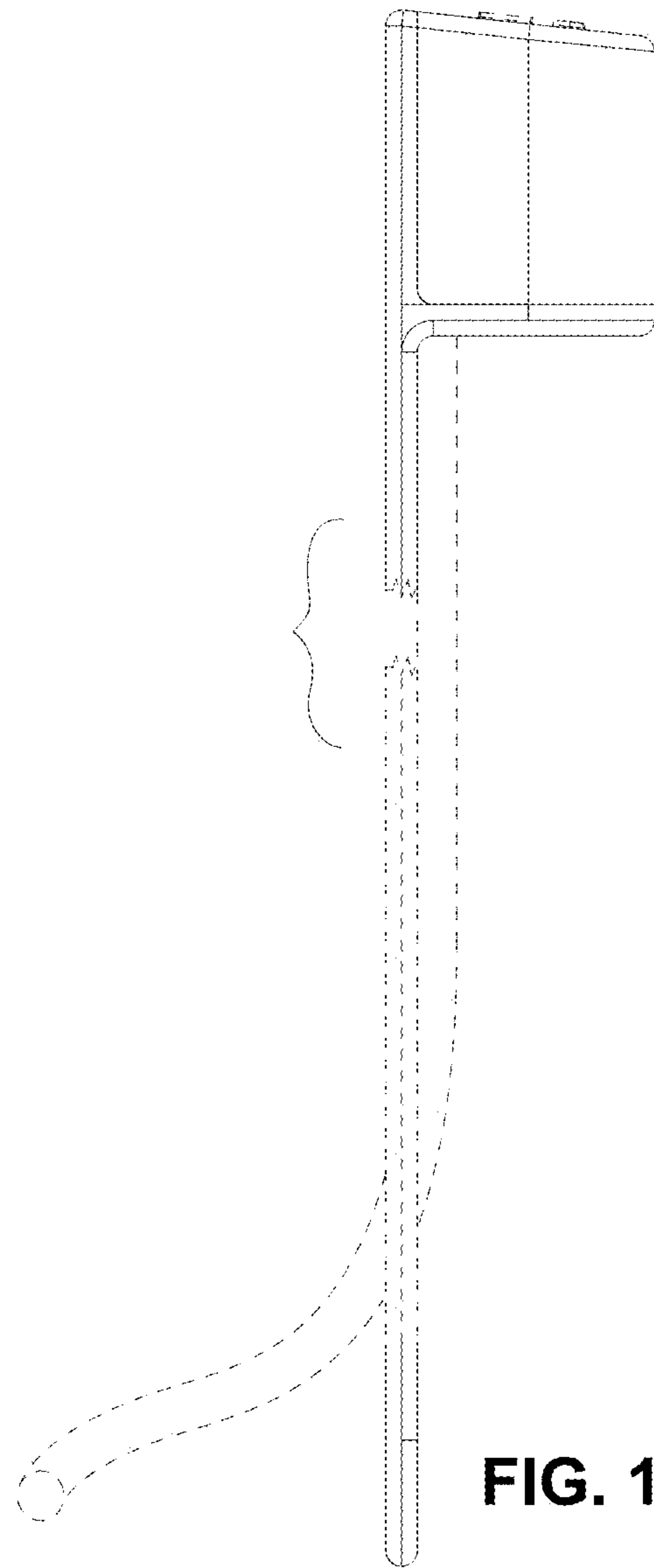


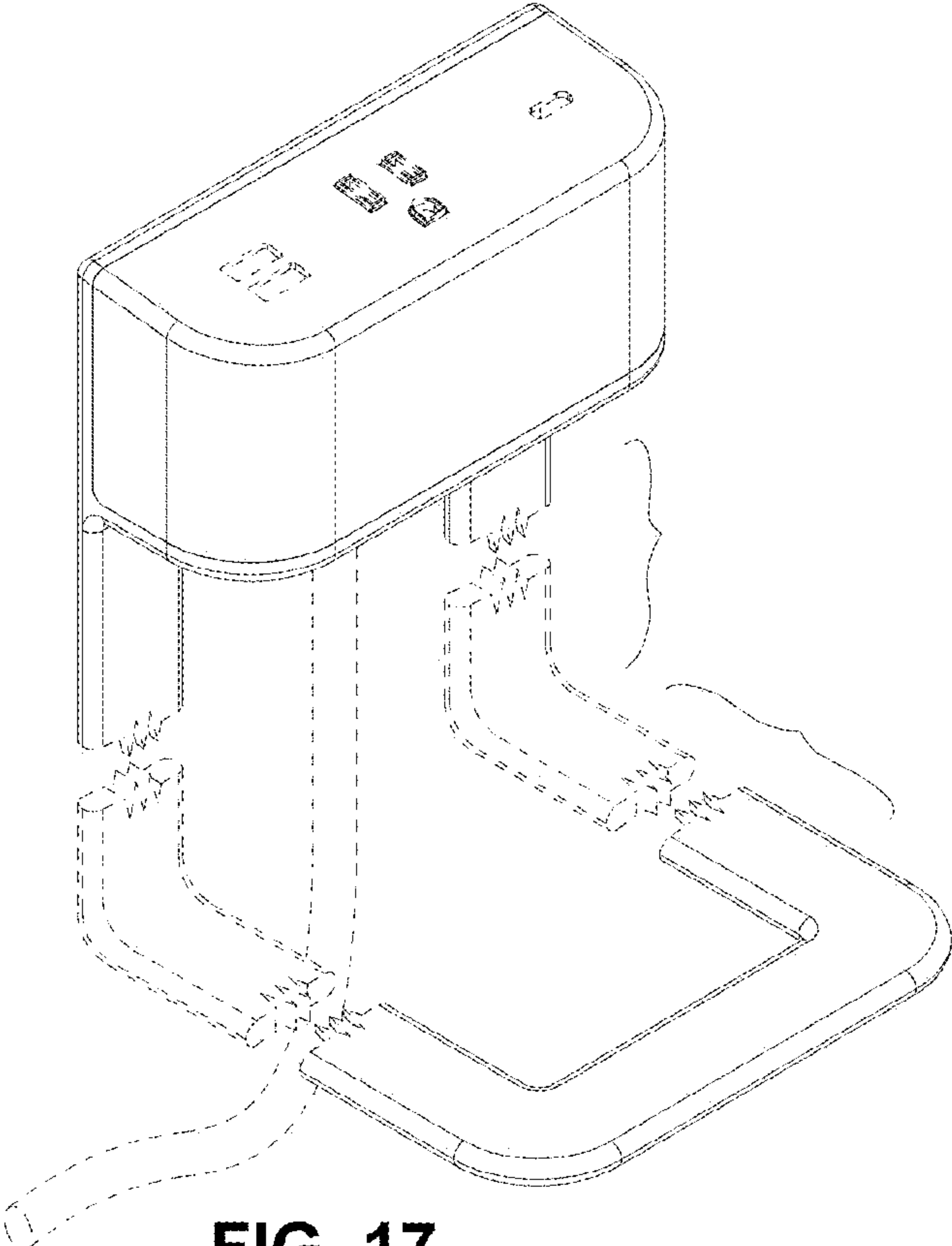
FIG. 14



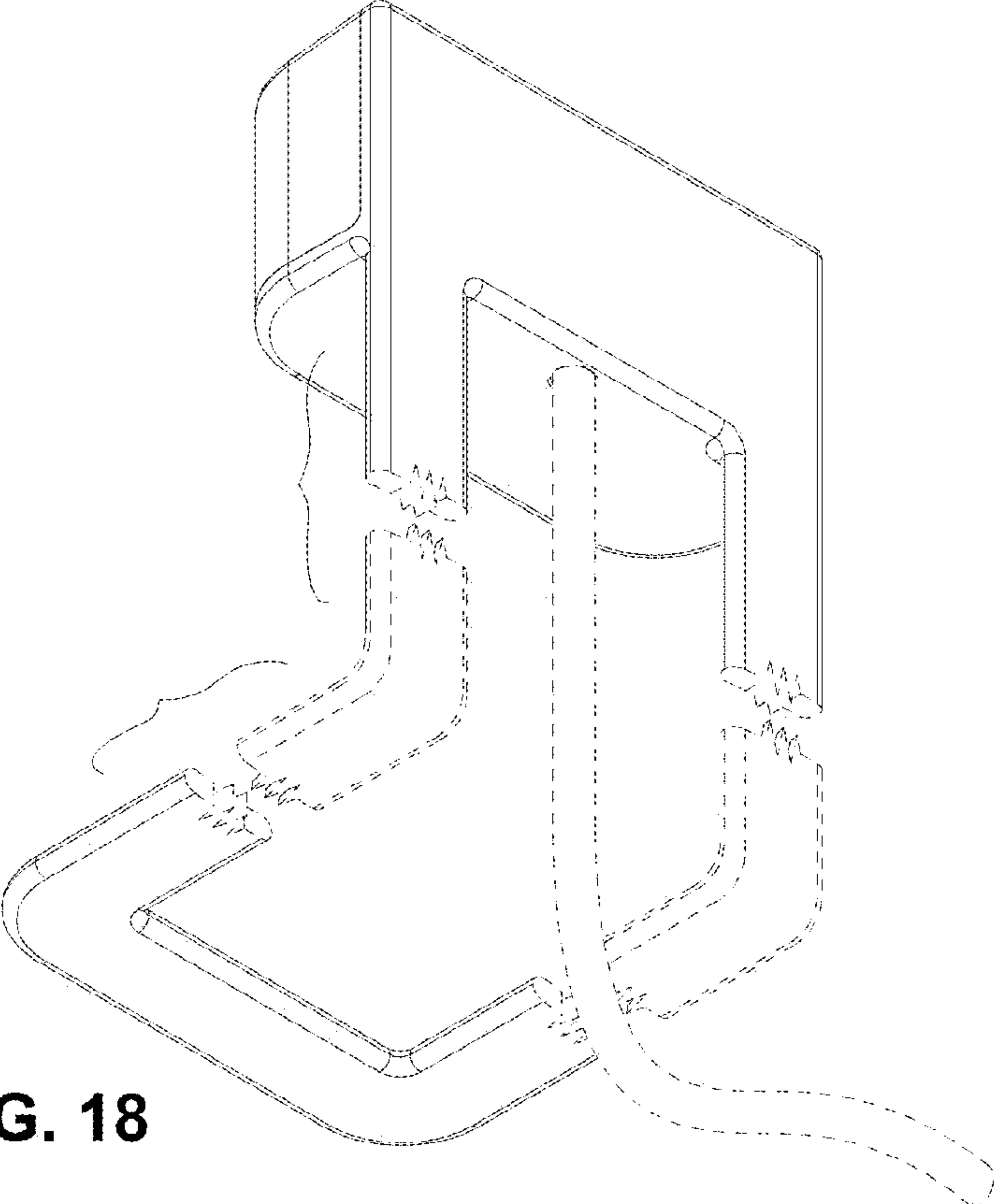
**FIG. 15**



**FIG. 16**



**FIG. 17**



**FIG. 18**

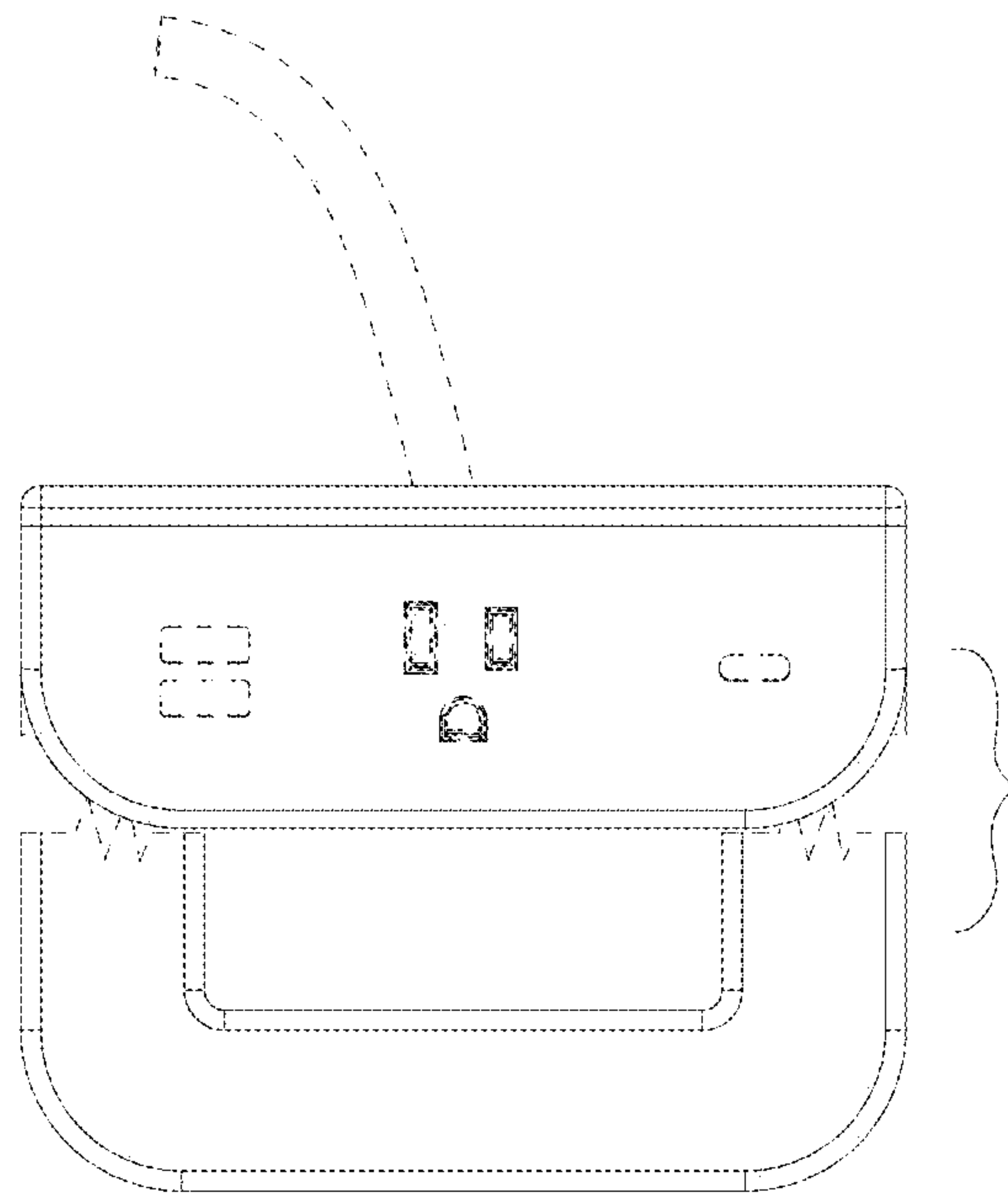


FIG. 19

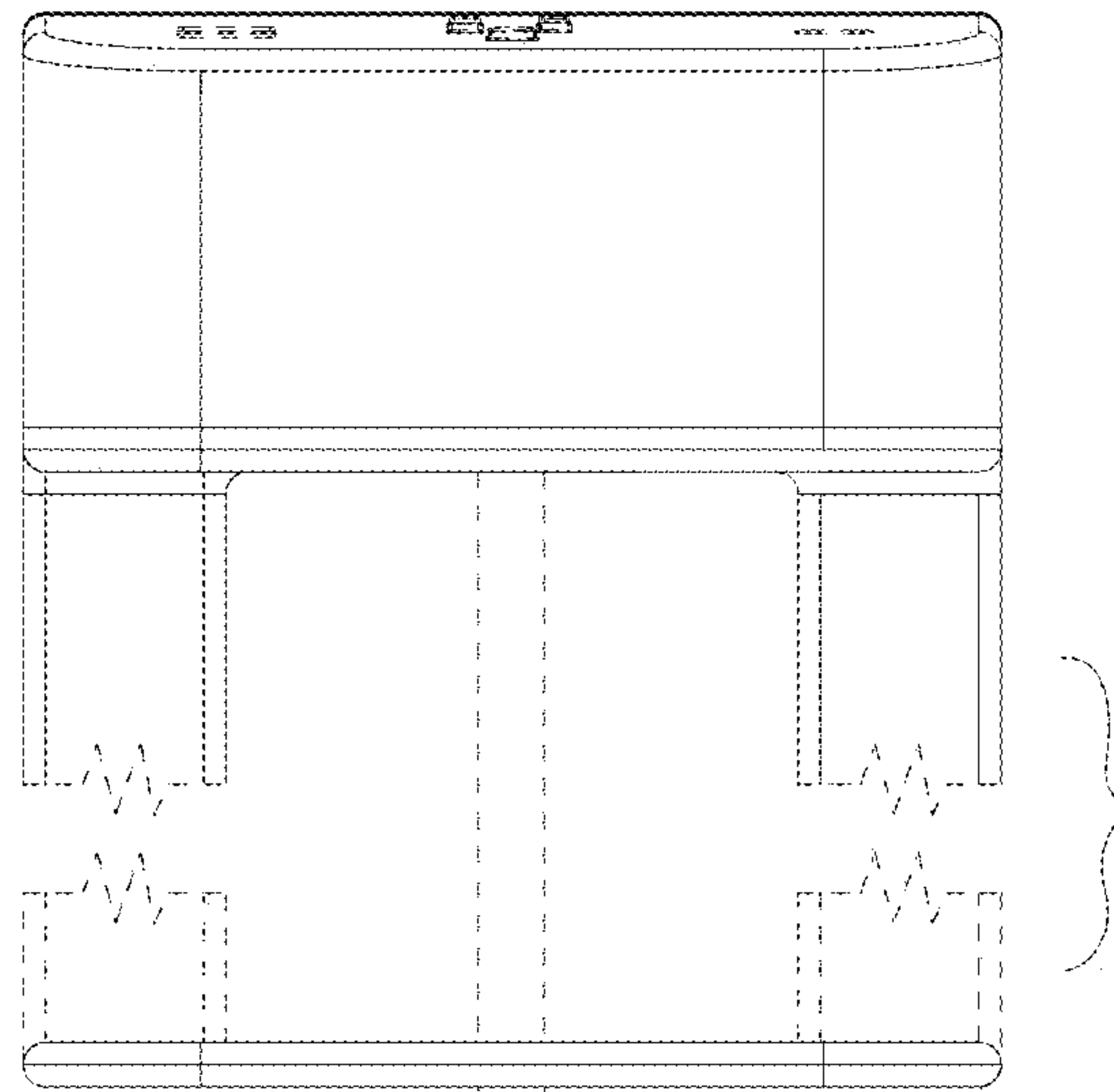


FIG. 20

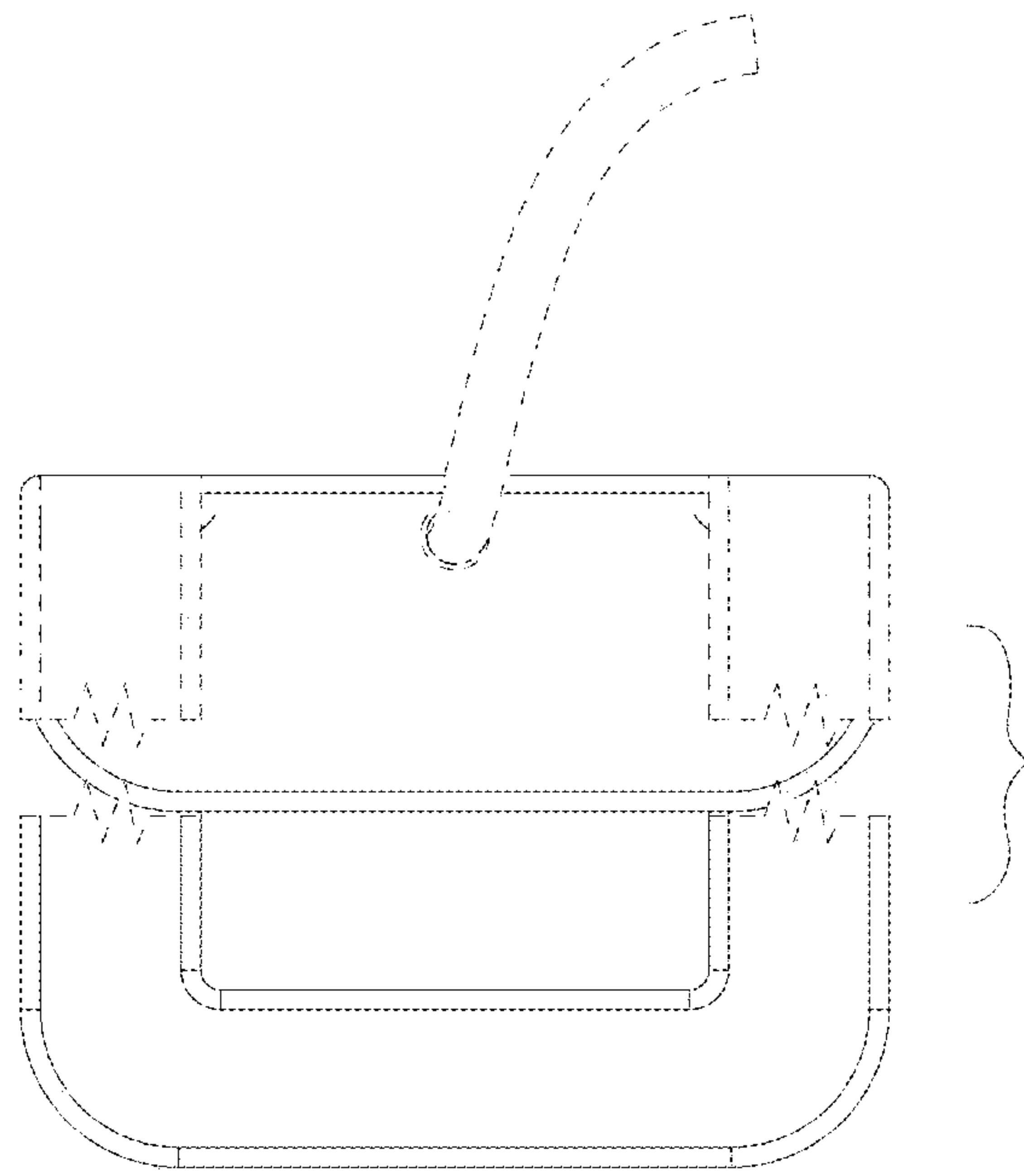


FIG. 21

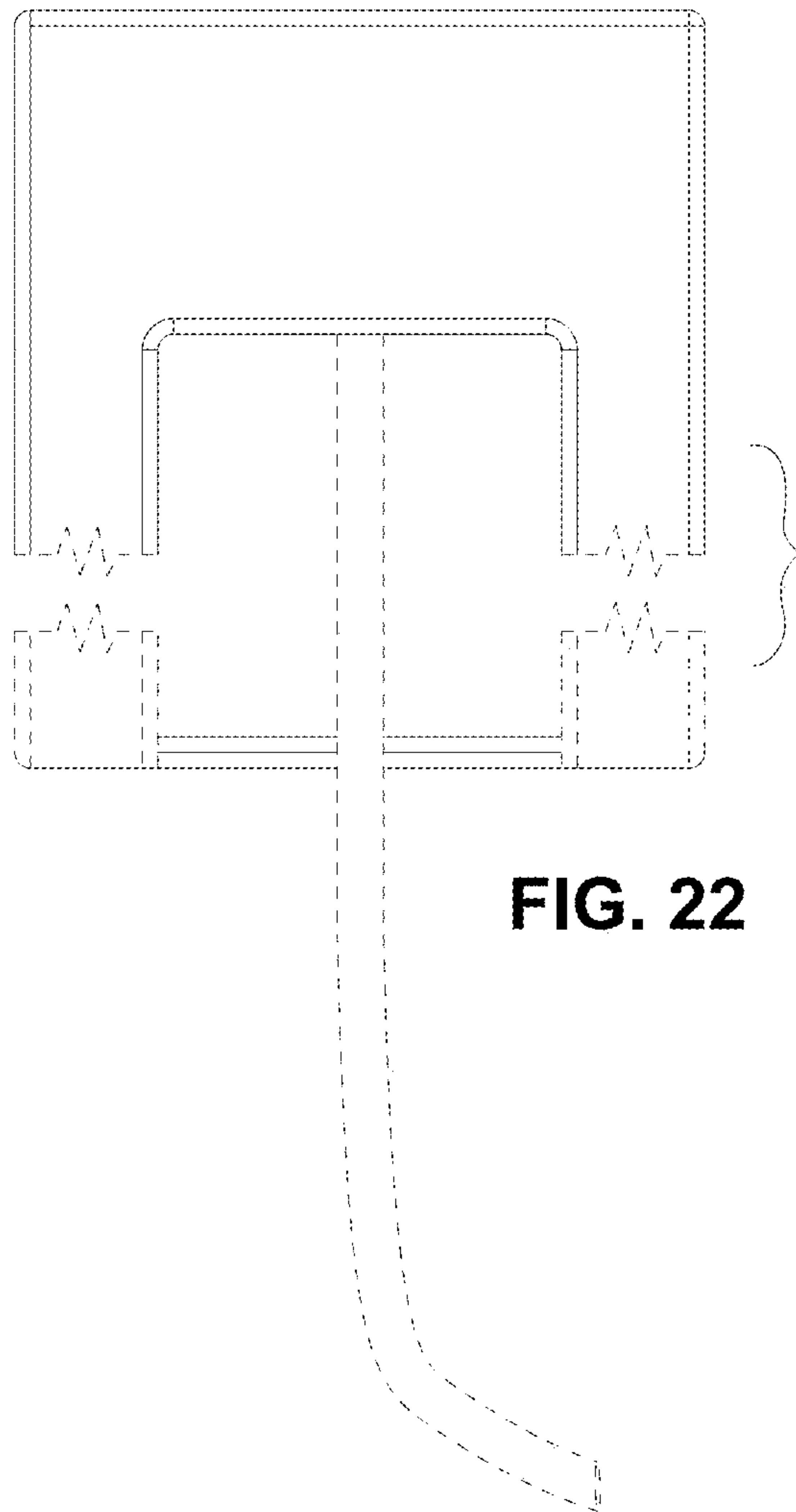
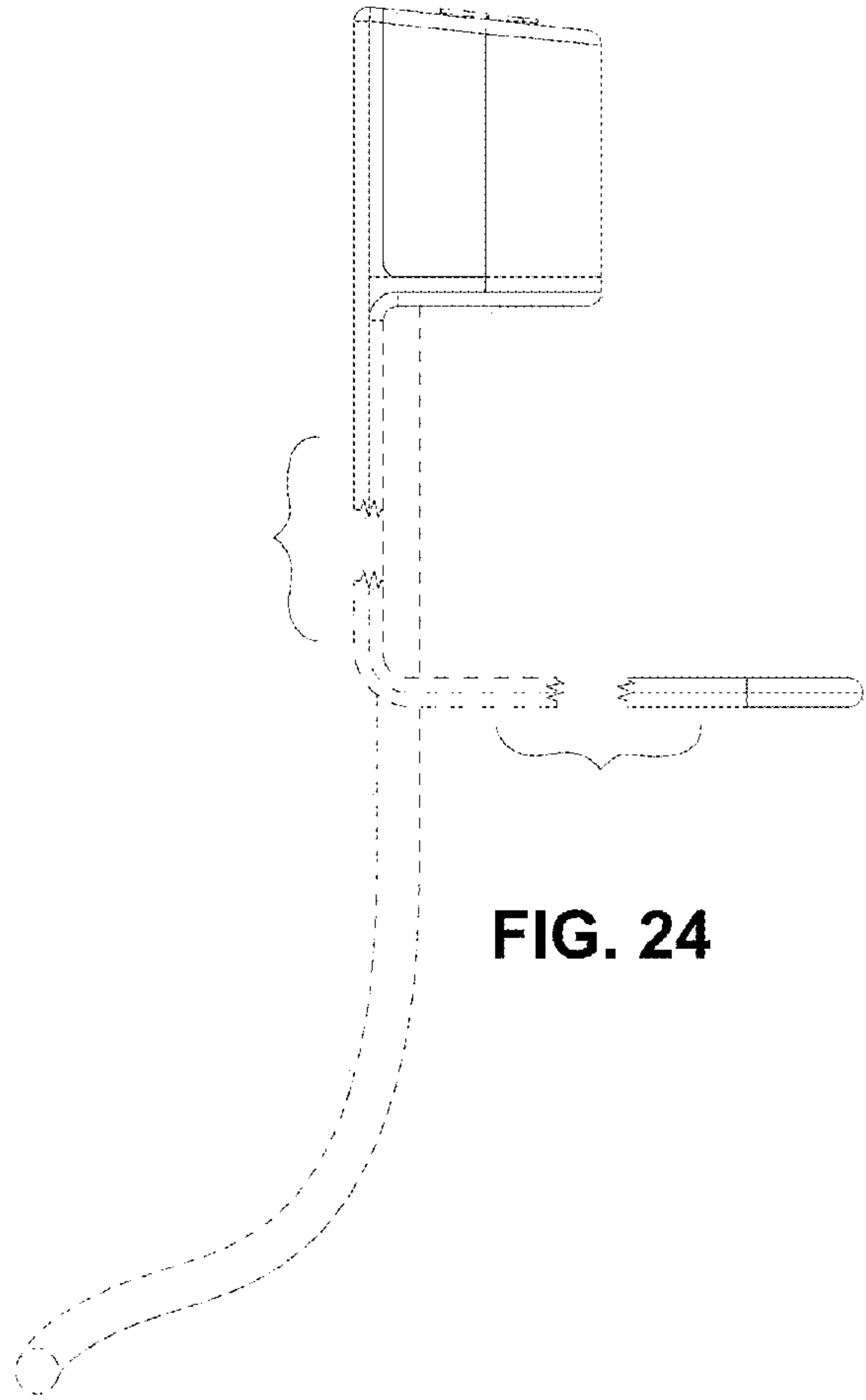
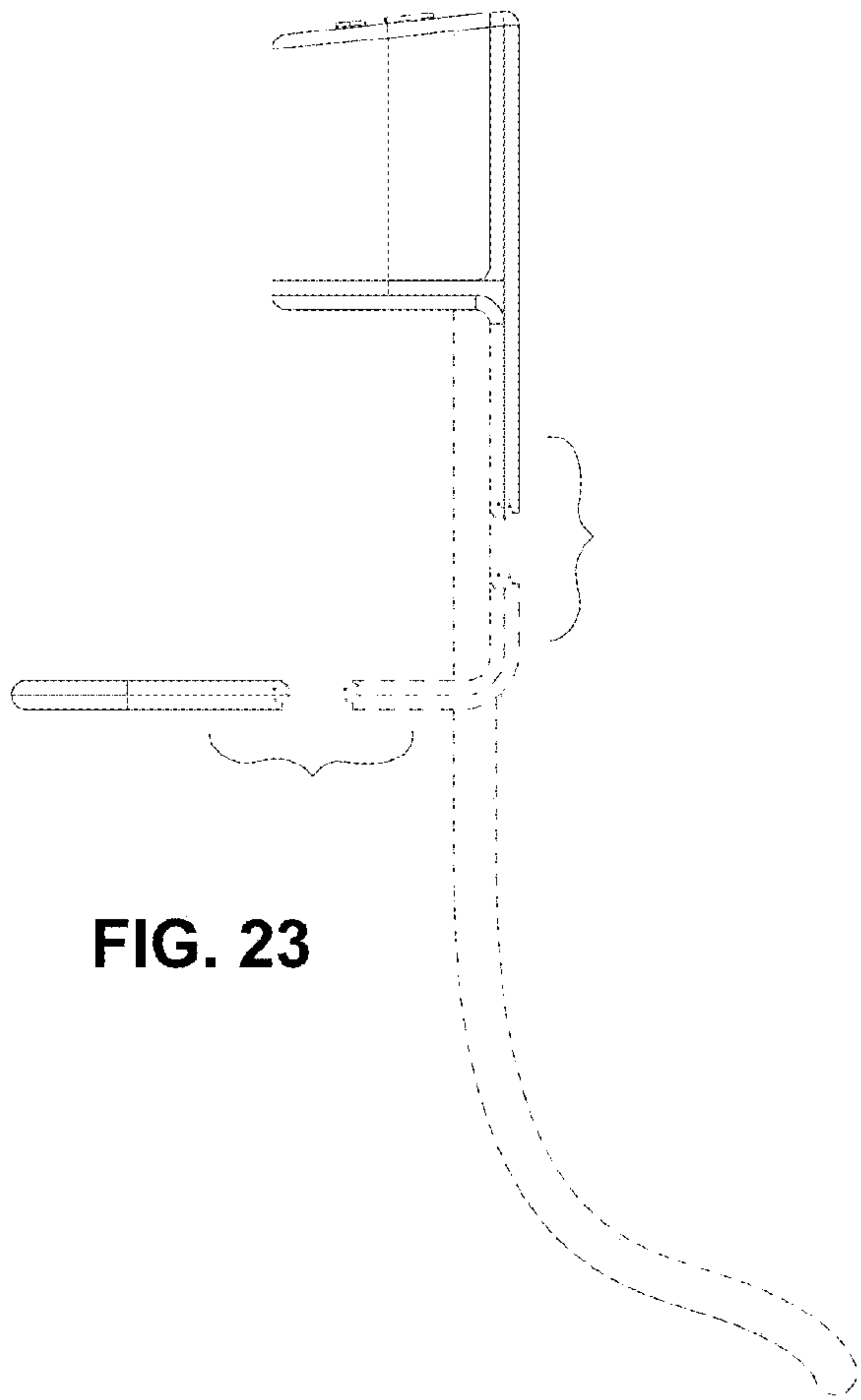
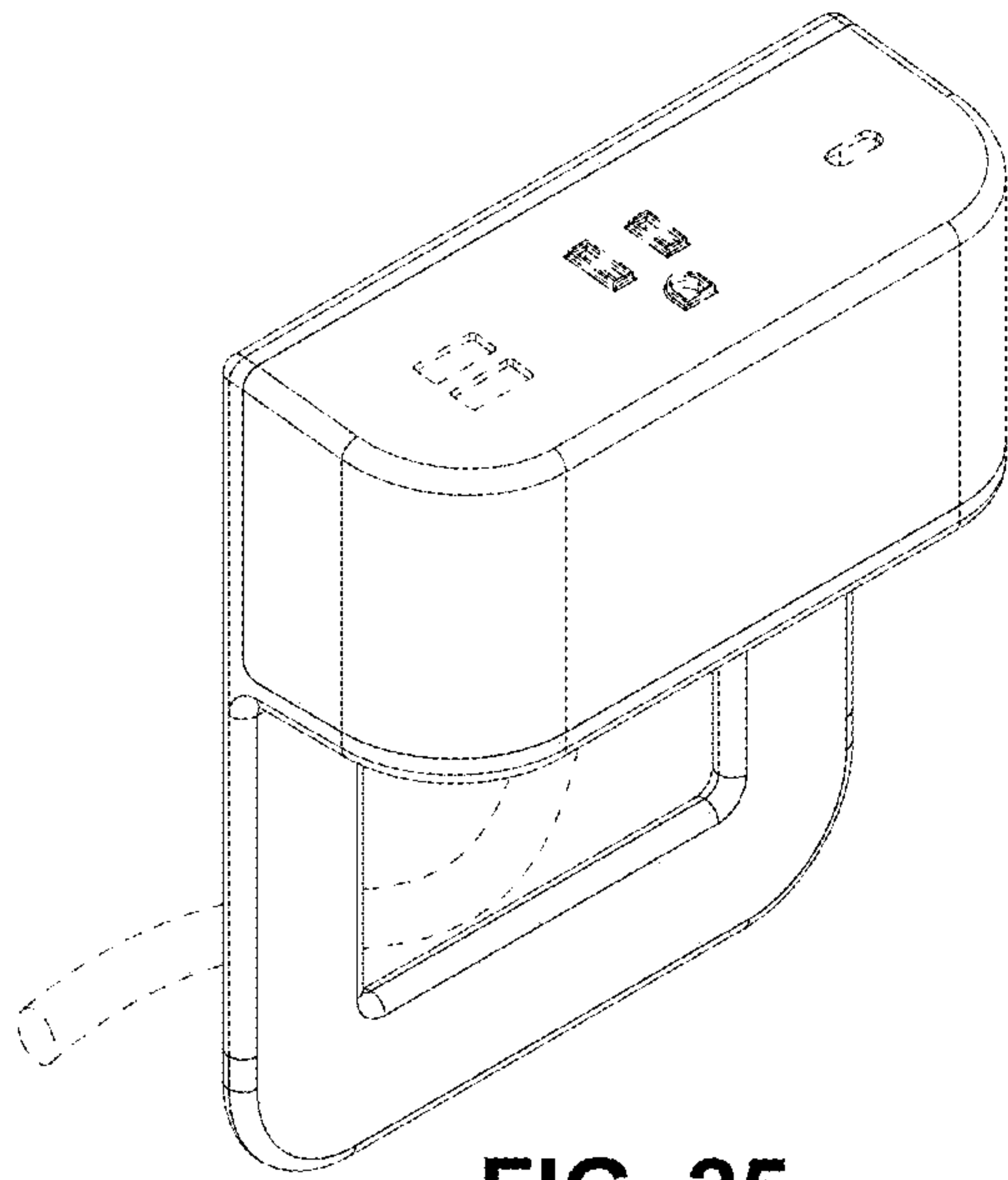


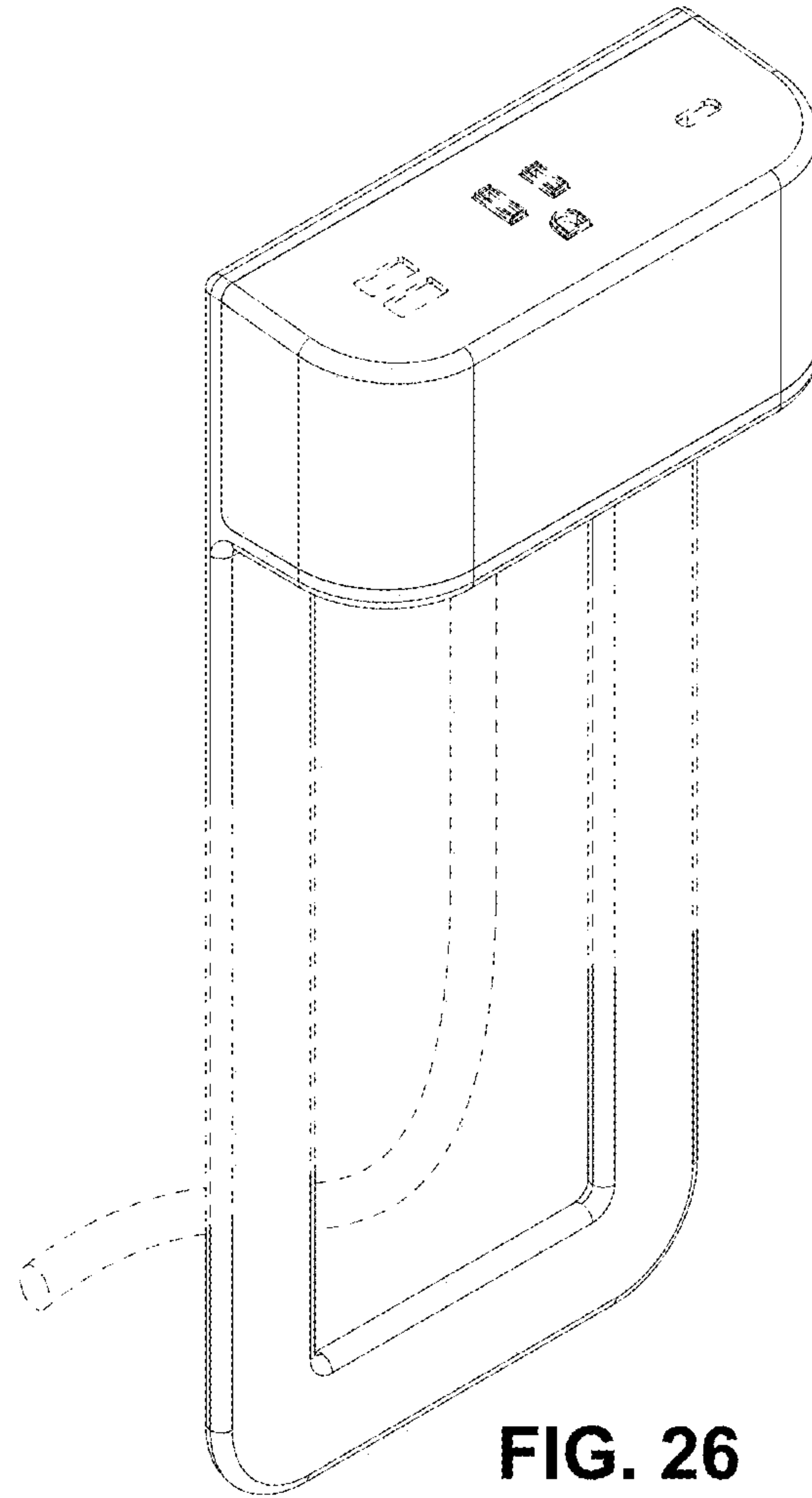
FIG. 22



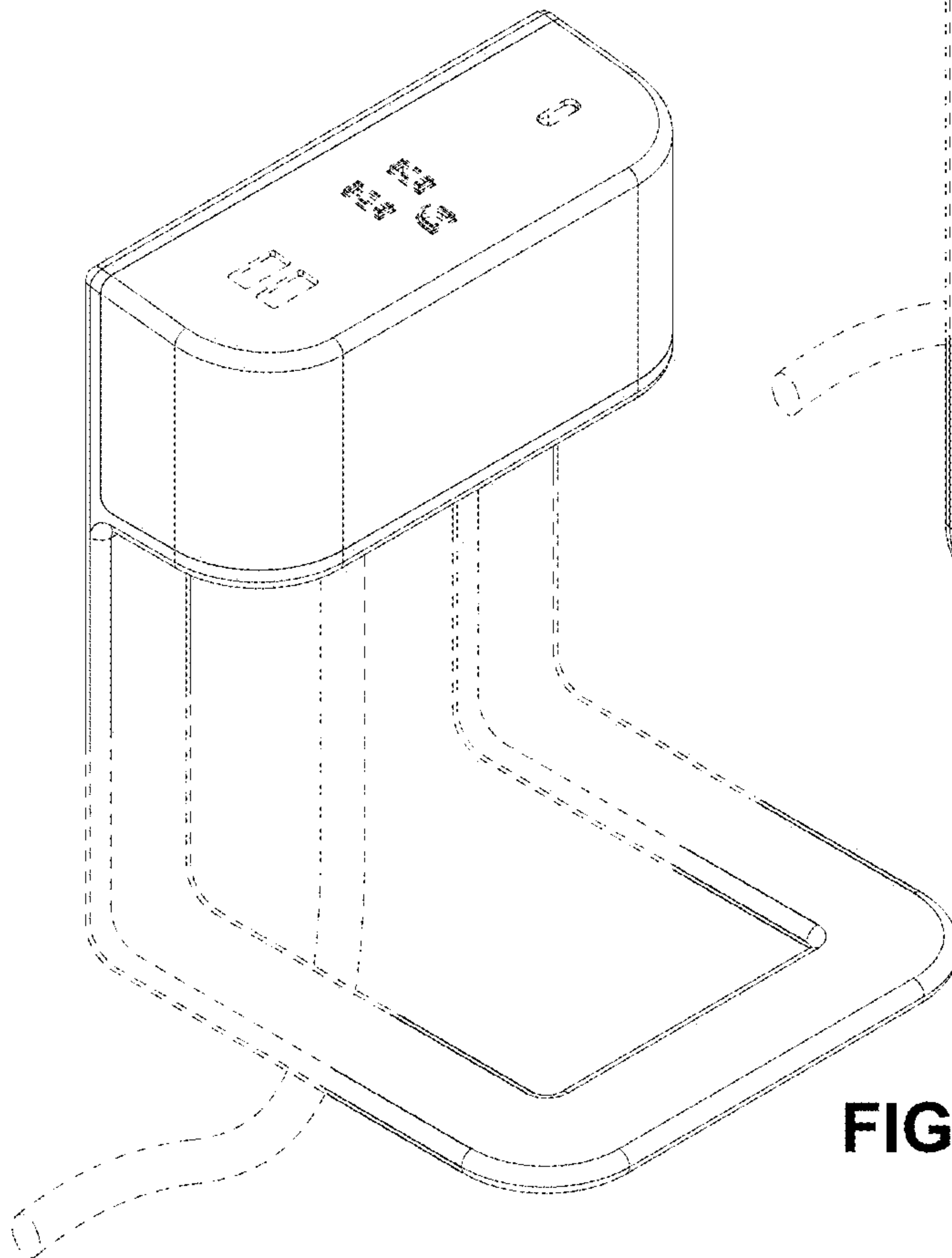




**FIG. 25**



**FIG. 26**



**FIG. 27**