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(12) **United States Design Patent** (10) **Patent No.:** **US D873,802 S**
Cran (45) **Date of Patent:** **** Jan. 28, 2020**

(54) **HIGH DEFINITION TELEVISION ANTENNA**

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

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(51) **LOC (12) Cl.** **14-03**

(52) **U.S. Cl.**
USPC **D14/218**

(58) **Field of Classification Search**
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CPC .. H01Q 1/24; H01Q 1/22; H01Q 1/38; H01Q 9/28; H01Q 1/12
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- 2,480,155 A * 8/1949 Masters H01Q 9/285
343/795
- D211,179 S * 5/1968 Rosenberry et al. D14/234
- D332,262 S * 1/1993 Borchardt D14/230
- 7,091,925 B1 * 8/2006 Wang H01Q 9/0421
343/866
- D590,379 S * 4/2009 Deguchi D14/230
- D612,371 S * 3/2010 Suleiman D14/234
- D623,175 S * 9/2010 Suleiman D14/230
- D656,131 S * 3/2012 Suleiman D14/230
- D665,385 S * 8/2012 Conrad D14/230
- D754,641 S * 4/2016 Suleiman D14/230
- D761,771 S * 7/2016 Winstead D14/230
- 9,761,935 B2 9/2017 Ross et al.
- D806,689 S * 1/2018 Deng D14/234

- D829,695 S * 10/2018 Wu D14/230
- D837,188 S * 1/2019 Yang D14/230
- D855,592 S * 8/2019 Wu D14/230
- D856,315 S * 8/2019 Yang D14/230
- D857,675 S * 8/2019 Wu D14/230
- 2004/0017325 A1 * 1/2004 Satoh H01Q 1/38
343/795
- 2007/0164906 A1 * 7/2007 Tsai H01Q 1/24
343/700 MS

(Continued)

FOREIGN PATENT DOCUMENTS

- CN 305210885 * 6/2019
- WO 2015081049 6/2015

OTHER PUBLICATIONS

Amazon.com: Updated 2019 Version Professional Carbon Fibre 65-120 Miles TV Antenna, reviews 2018, <https://www.amazon.com/Professional-Freeview-Channels-Television-Amplifier/dp/B07H...> site visited Sep. 21, 2019 (Year: 2019).*

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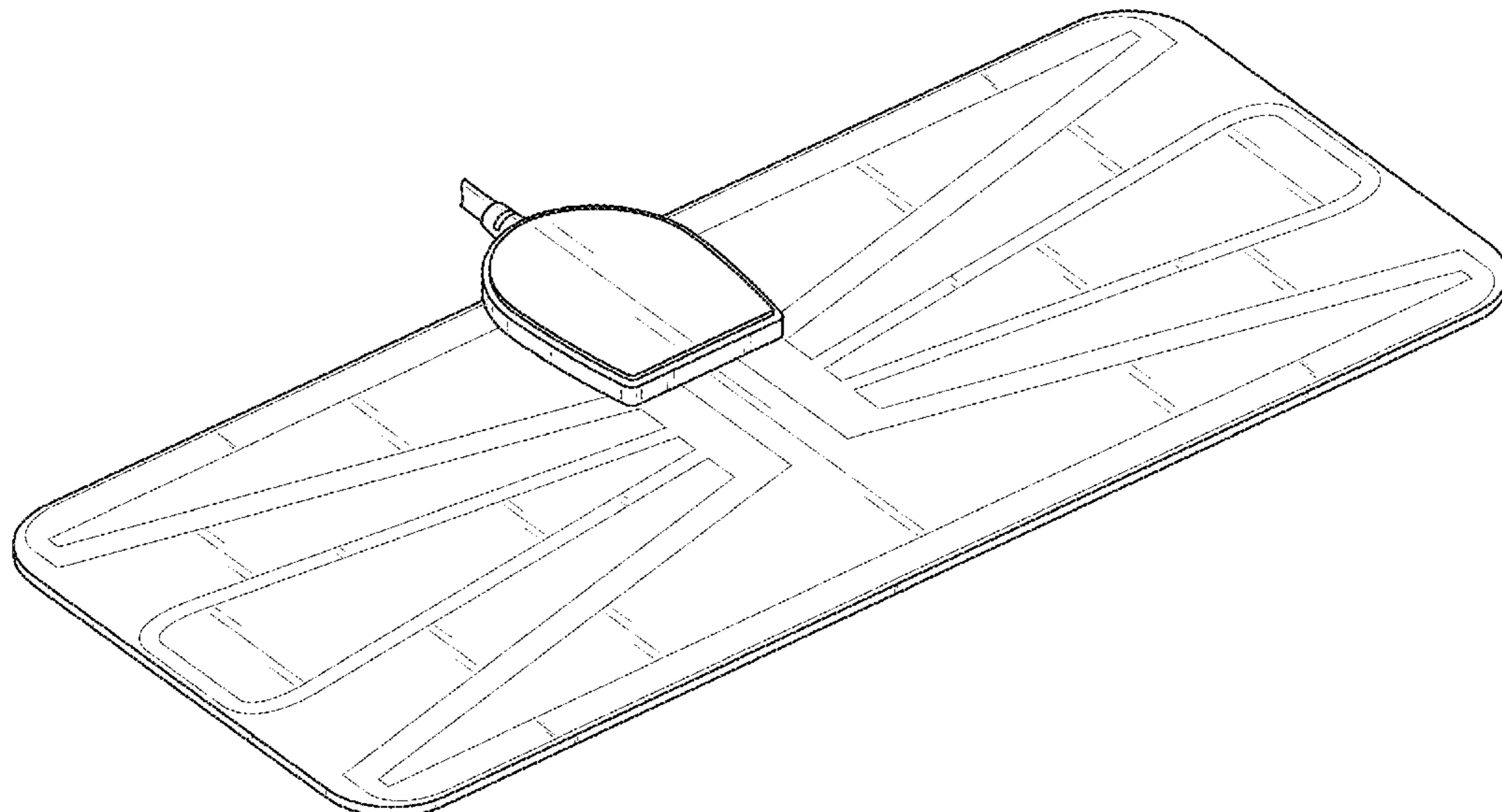
(57) **CLAIM**

The ornamental design for a high definition television antenna, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of the high definition television antenna in accordance with the design;
FIG. 2 is a rear view thereof;
FIG. 3 is a front 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; and,
FIG. 7 is a bottom plan view thereof.

1 Claim, 5 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2010/0302118 A1* 12/2010 Suleiman H01Q 1/12
343/808
2013/0222199 A1* 8/2013 Apostolos H01Q 9/28
343/795
2019/0058238 A1* 2/2019 Yang H01Q 1/1207

* cited by examiner

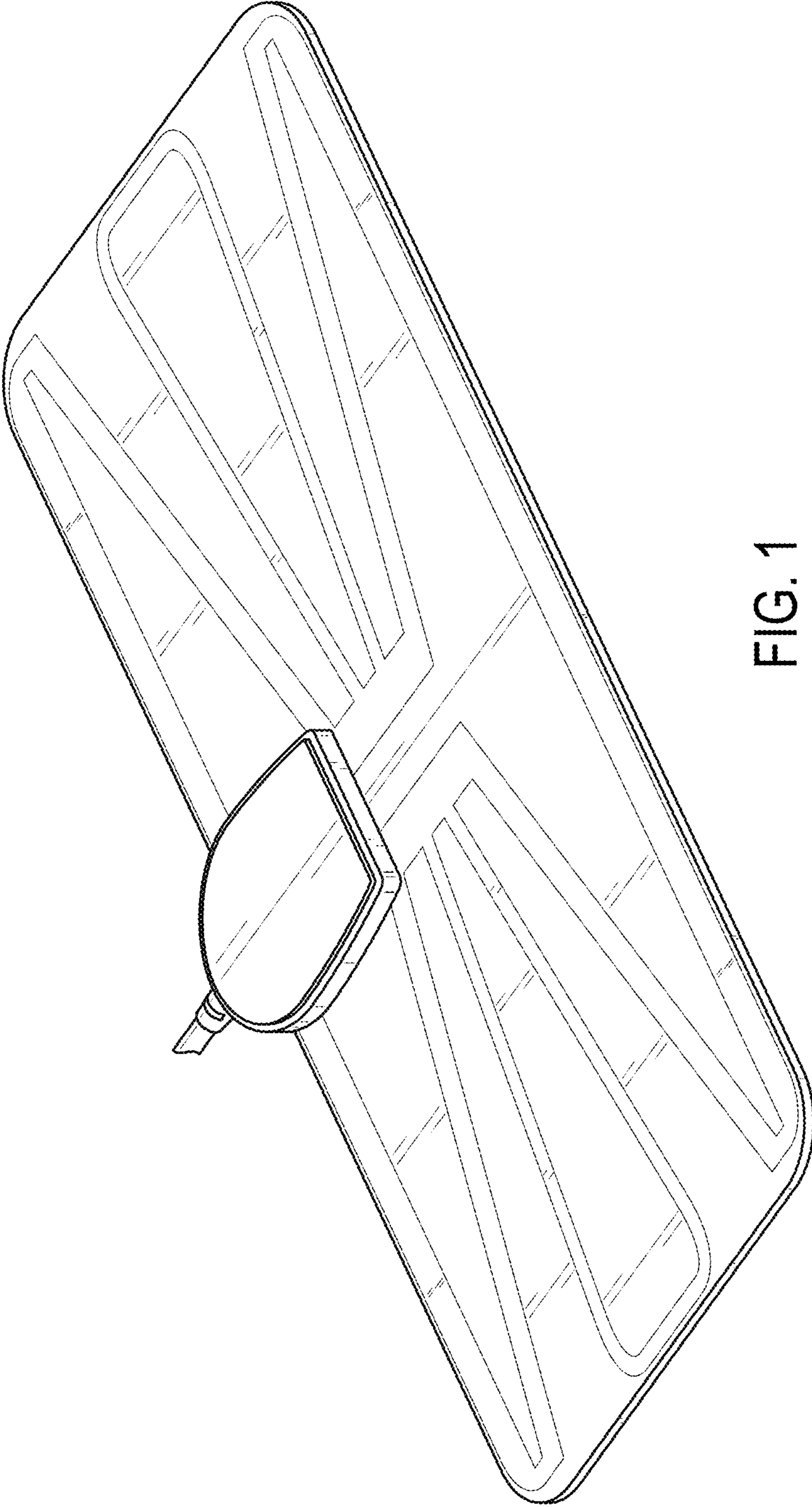


FIG. 1

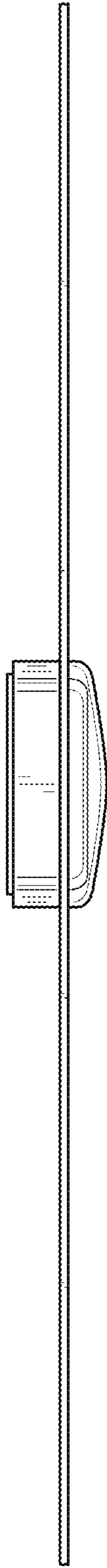


FIG. 2

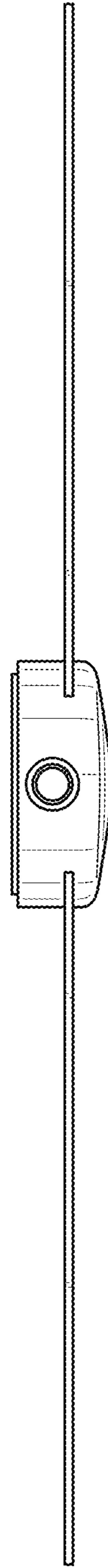


FIG. 3

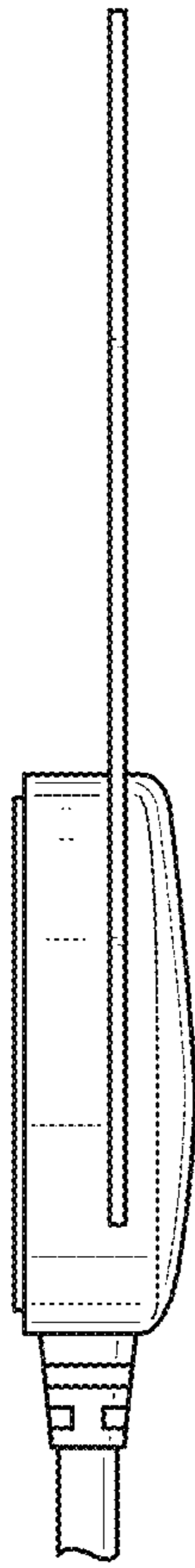


FIG. 4

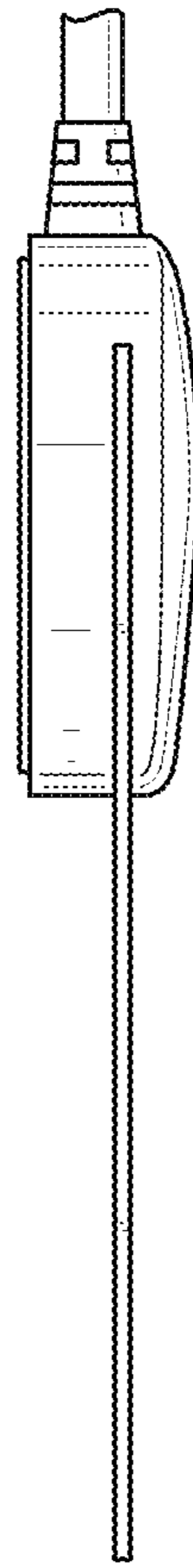


FIG. 5

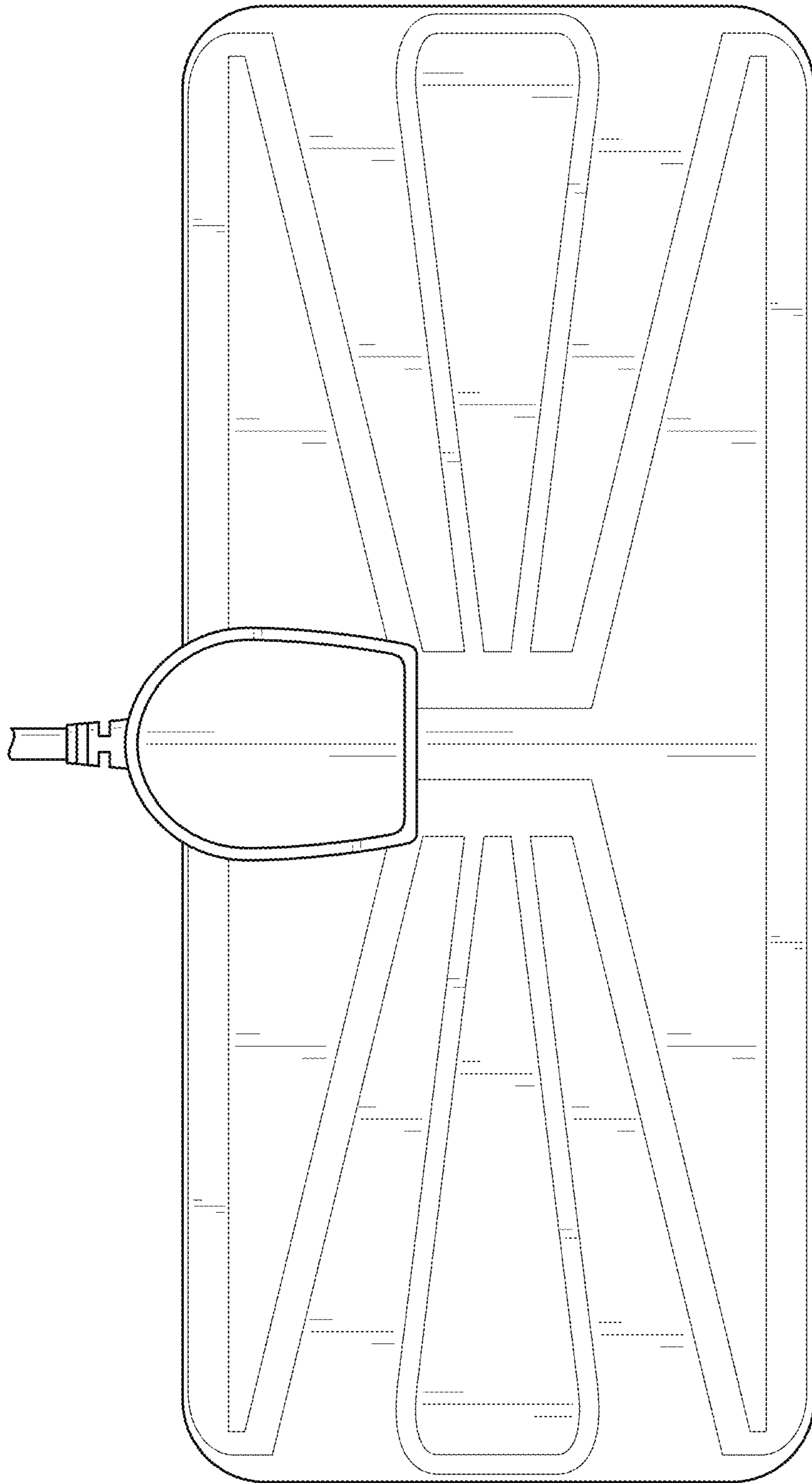


FIG. 6

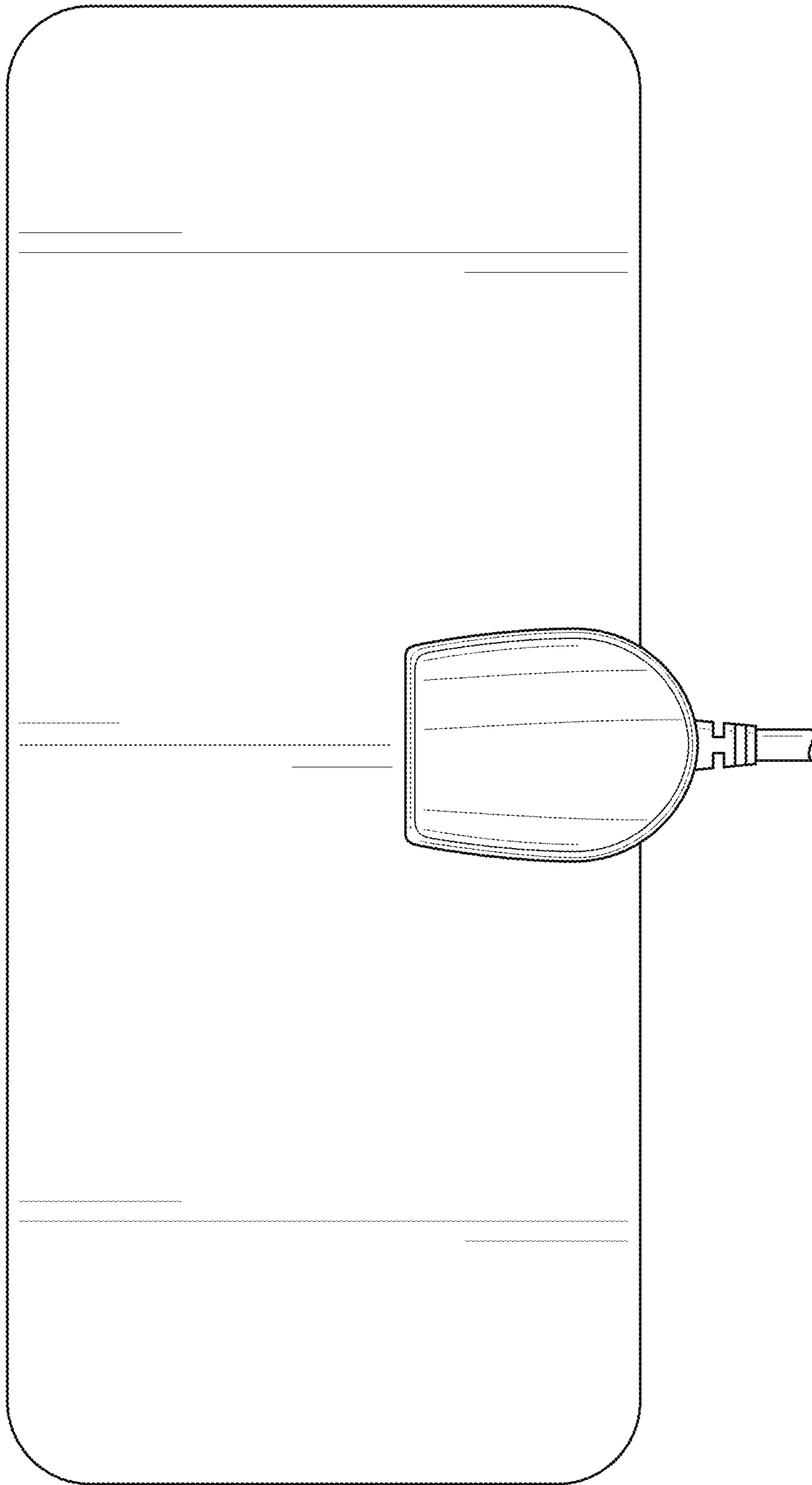


FIG. 7