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

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(54) **STRIP-TYPE DIGITAL HDTV ANTENNA**

(71) Applicant: **SHENZHEN TUKO TECHNOLOGY CO., LTD.**, Shenzhen (CN)

(72) Inventor: **Guodong Zhao**, Shenzhen (CN)

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

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

(52) **U.S. Cl.**
USPC **D14/230**

(58) **Field of Classification Search**
USPC D14/138, 230-238, 299, 358; D12/42, D12/43
CPC H01Q 7/00; H01Q 13/10; H01Q 9/285; H01Q 19/30; H01Q 19/12; H01Q 1/38; H01Q 1/36; H04B 1/0475; H04B 1/034; H05K 11/00

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

| | | | | |
|----------------|---------|------------|-------|-------------------------|
| D344,731 S * | 3/1994 | Witzky | ..... | D14/204 |
| D354,060 S * | 1/1995 | Witzky | ..... | D14/230 |
| D379,356 S * | 5/1997 | Liu | ..... | D14/230 |
| D405,090 S * | 2/1999 | Guttadauro | ..... | D14/230 |
| D480,388 S * | 10/2003 | Spelman | ..... | D14/230 |
| 6,667,718 B2 * | 12/2003 | Back | ..... | H01Q 1/38 343/700 MS |
| D493,446 S * | 7/2004 | Hung | ..... | D14/230 |

| | | | | |
|-------------------|---------|--------|-------|-----------------------|
| D559,838 S * | 1/2008 | Yuba | ..... | D14/230 |
| D571,793 S * | 6/2008 | Wu | ..... | D14/230 |
| D580,419 S * | 11/2008 | Wu | ..... | D14/230 |
| D583,364 S * | 12/2008 | Ito | ..... | D14/230 |
| D664,127 S * | 7/2012 | Yang | ..... | D14/230 |
| D810,056 S * | 2/2018 | Chang | ..... | D14/230 |
| D840,984 S * | 2/2019 | Howard | ..... | D14/230 |
| 2004/0222936 A1 * | 11/2004 | Hung | ..... | H01Q 1/38 343/795 |
| 2010/0079350 A1 * | 4/2010 | Lai | ..... | H01Q 1/243 343/843 |

* cited by examiner

Primary Examiner — John Windmuller

(74) *Attorney, Agent, or Firm* — HYIP

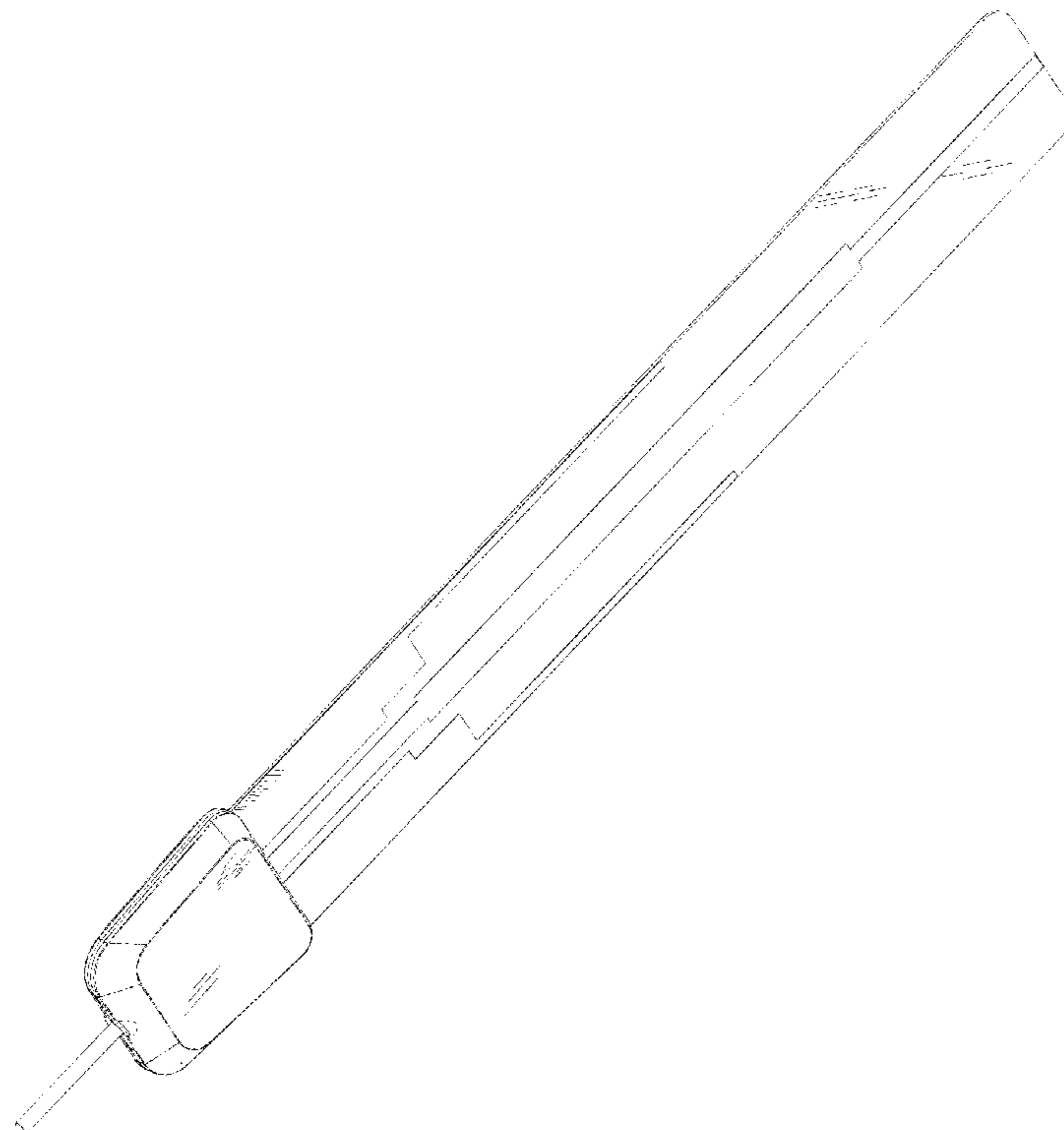
(57) **CLAIM**

The ornamental design for a strip-type digital HDTV antenna, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a strip-type digital HDTV antenna;
FIG. 2 is second perspective view thereof;
FIG. 3 is a front view thereof;
FIG. 4 is a back view thereof;
FIG. 5 is a left side view thereof;
FIG. 6 is a right side view thereof;
FIG. 7 is a top view thereof; and,
FIG. 8 is a bottom view thereof.

1 Claim, 8 Drawing Sheets



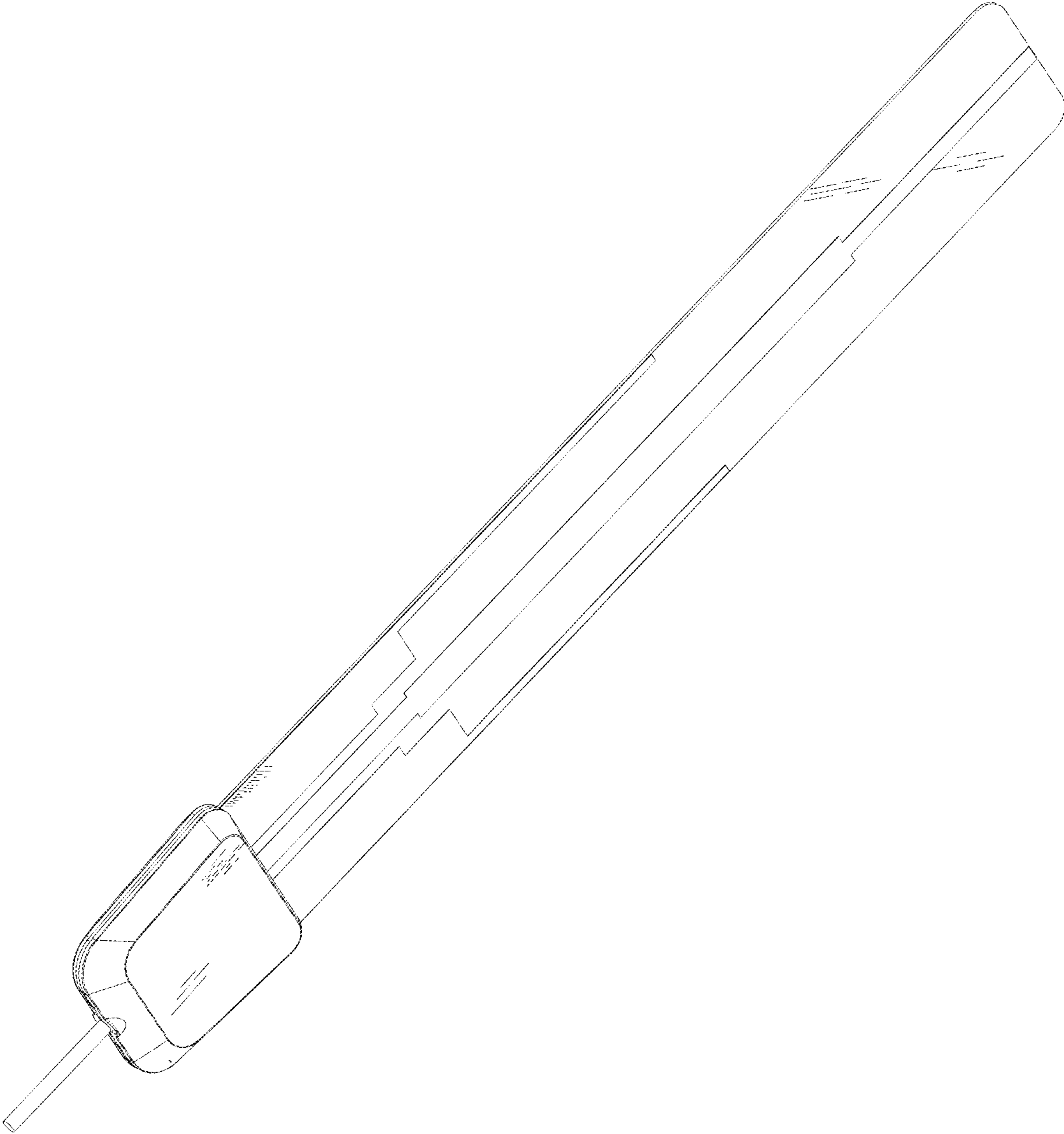


FIG. 1

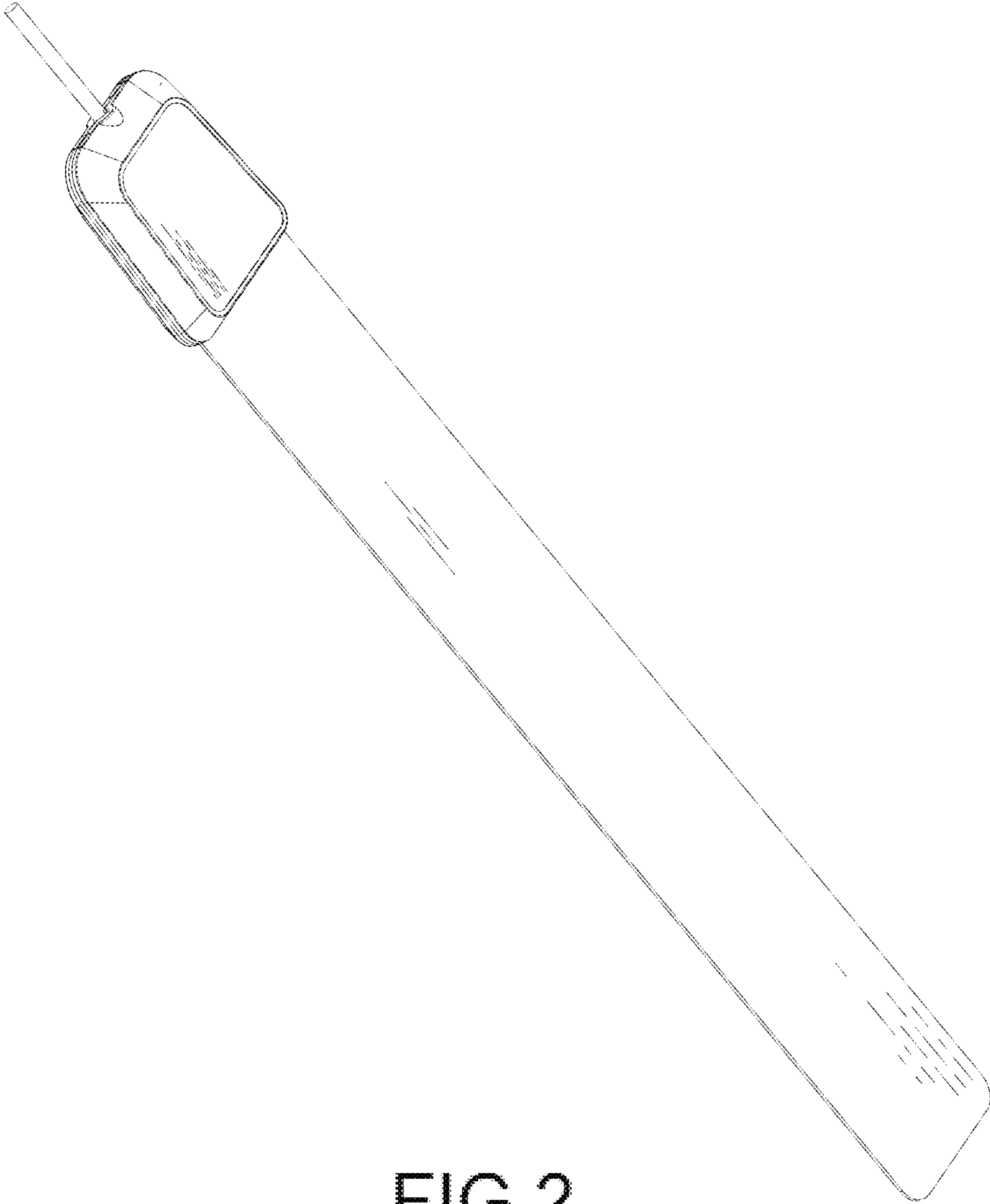


FIG.2

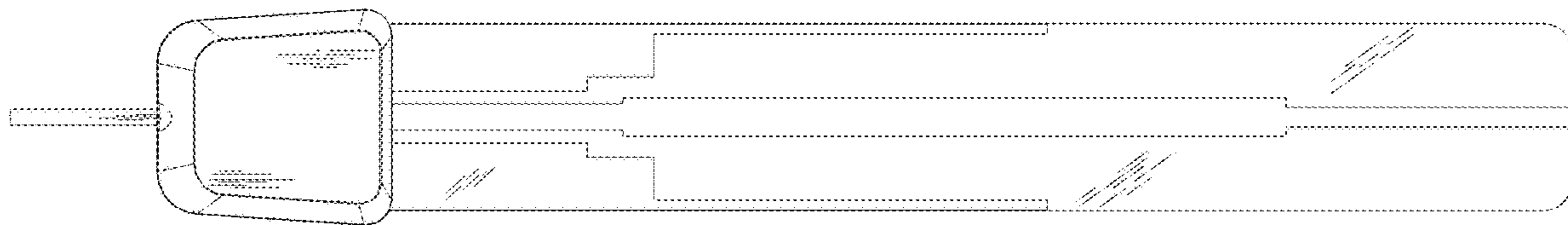


FIG.3

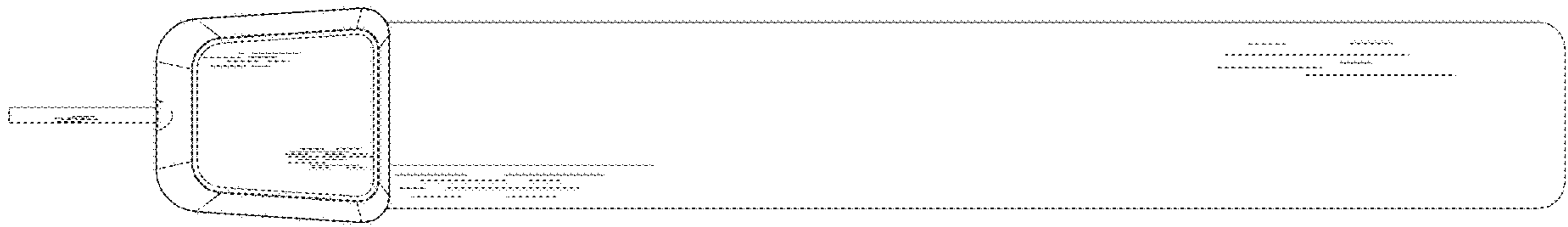


FIG.4

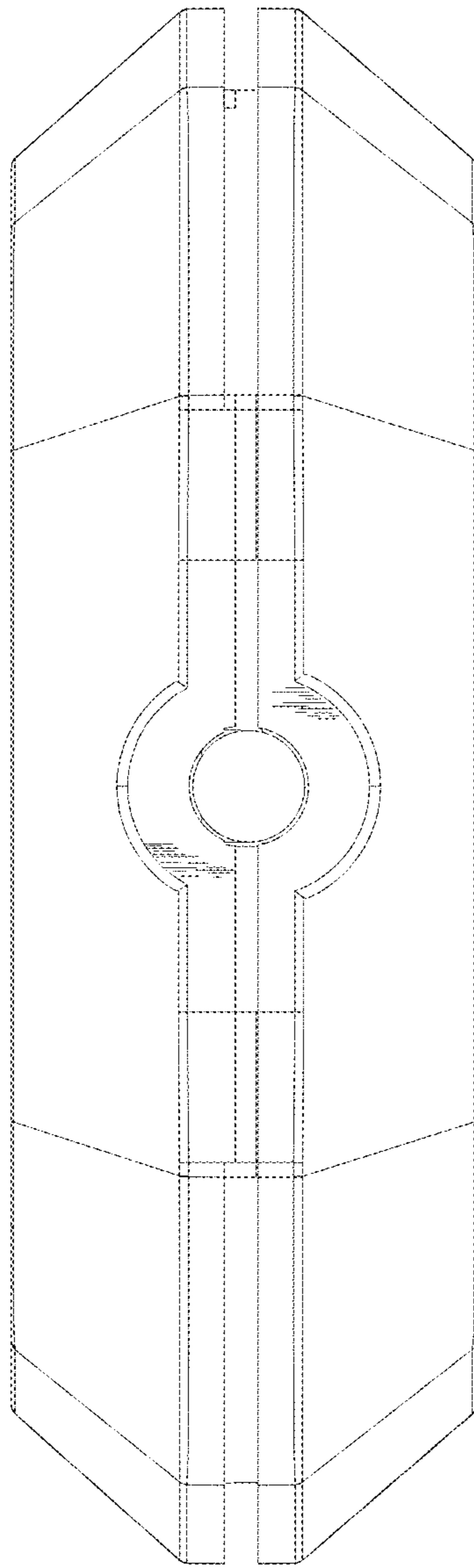


FIG. 5

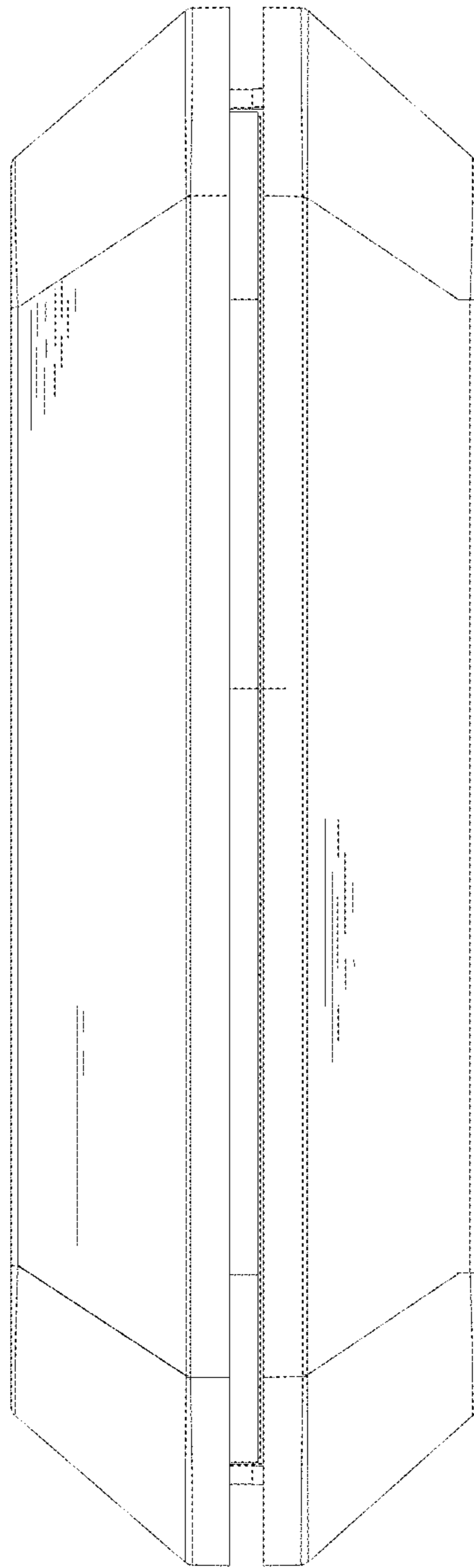


FIG.6

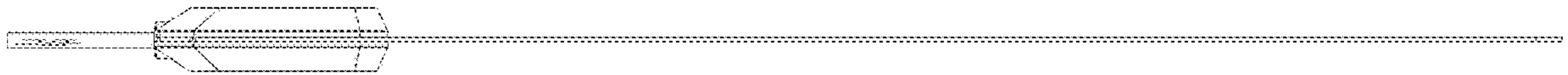


FIG.7

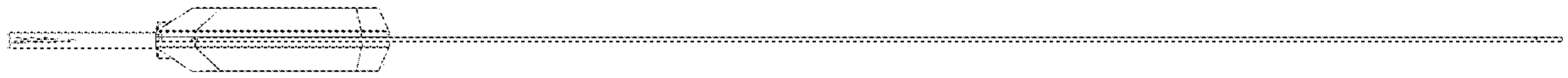


FIG.8