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

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(54) **HEARING AID BATTERY DOOR**
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(**) Term: **15 Years**

D622,855 S 8/2010 Cano, Jr.
D635,263 S 3/2011 Meinertz
D646,788 S 10/2011 Dubs et al.
8,073,173 B2 12/2011 Onodera
D663,847 S 7/2012 Dubs et al.
D676,559 S 2/2013 Meinertz
D676,967 S 2/2013 Meinertz
D676,969 S 2/2013 Meinertz
D682,429 S 5/2013 Campbell et al.
D687,952 S 8/2013 Dubs
D690,820 S 10/2013 Nielsen
D698,024 S 1/2014 Meinertz
D701,604 S 3/2014 Dubs
8,767,990 B2 7/2014 Spragge
8,903,112 B2 12/2014 Lu et al.

(Continued)

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(52) **U.S. Cl.**
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(58) **Field of Classification Search**
USPC D24/173-175; D14/205, 223-226, 249;
D13/103, 108, 119
CPC .. H04R 2225/025; H04R 25/60; H04R 25/63;
H04R 25/67; H04R 25/602; H04R 25/604;
H04R 25/608; H04R 25/65; H04R 25/652;
H02J 7/0044; H01M 2/1022; H01M 2200/30
See application file for complete search history.

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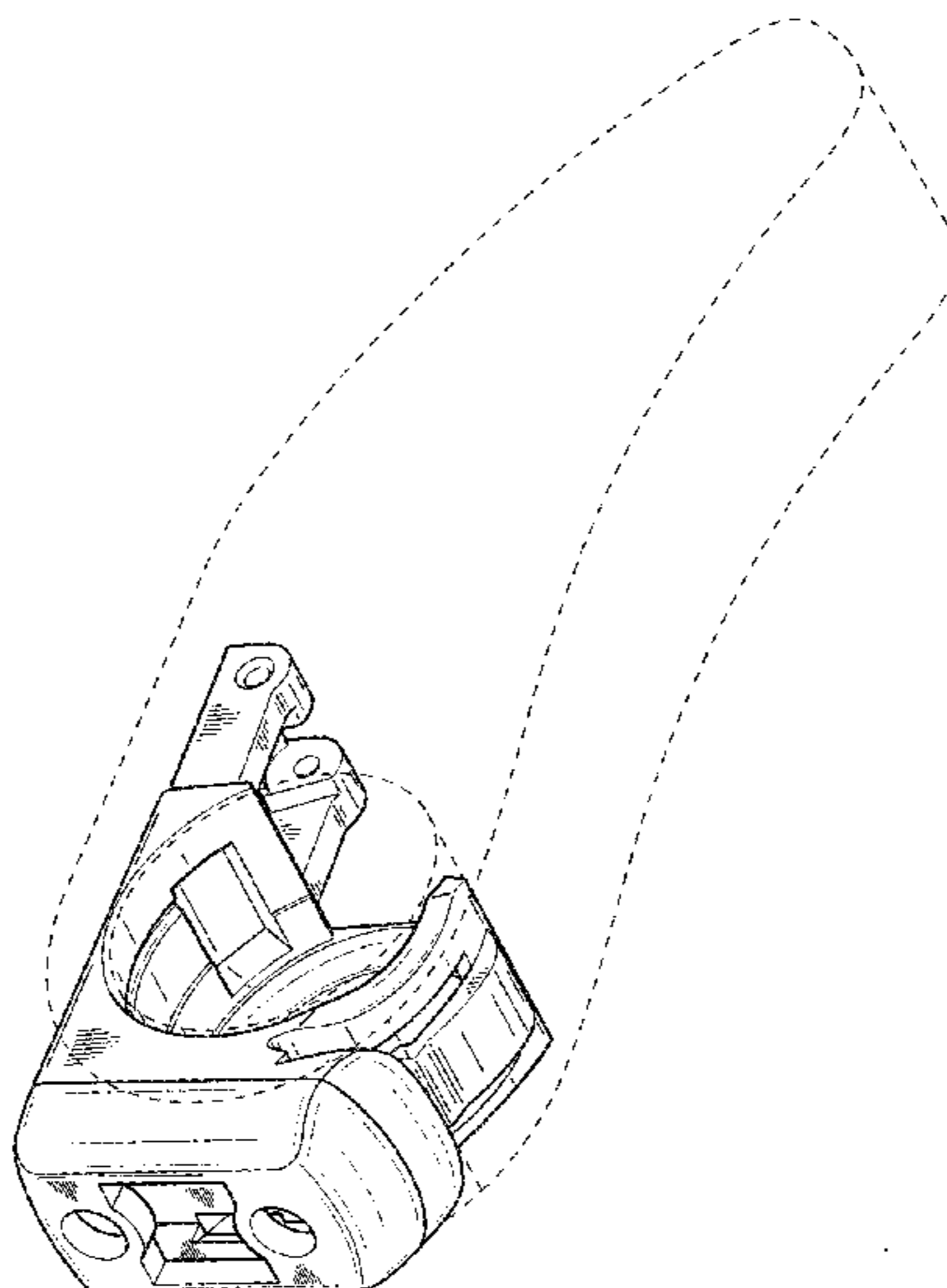
(57) **CLAIM**
We claim the ornamental design for a hearing aid battery door, as shown and described.

DESCRIPTION

FIG. 1 is a right perspective view of a hearing aid battery door, showing our new design;
FIG. 2 is a right view of the hearing aid battery door of FIG. 1;
FIG. 3 is a left view of the hearing aid battery door of FIG. 1;
FIG. 4 is a front view of the hearing aid battery door of FIG. 1;
FIG. 5 is a rear view of the hearing aid battery door of FIG. 1;
FIG. 6 is a top view of the hearing aid battery door of FIG. 1; and,
FIG. 7 is a bottom view of the hearing aid battery door of FIG. 1.
The broken lines in the drawing views are directed to environmental subject matter and form no part of the claimed design.

(56) **References Cited**
U.S. PATENT DOCUMENTS
D354,568 S * 1/1995 Araki D24/174
D457,635 S 5/2002 Dittli
6,546,110 B1 4/2003 Vonlanthen
6,658,125 B1 * 12/2003 Batting H04R 25/602
381/322
7,068,804 B2 * 6/2006 Batting H04R 25/556
381/323
7,076,075 B2 7/2006 Jorgensen
D579,567 S 10/2008 Pedersen
D599,908 S 9/2009 Nielsen
7,646,878 B2 1/2010 Vonlanthen et al.

1 Claim, 4 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D722,167 S 2/2015 Li
D722,168 S 2/2015 Darkes
2007/0047751 A1* 3/2007 Heerlein H04R 25/602
381/324
2008/0044049 A1* 2/2008 Ho H04R 25/602
381/323
2010/0226519 A1* 9/2010 Spragge H04R 25/602
381/323

2010/0290655 A1* 11/2010 Takeda H04R 25/602
381/323
2011/0200218 A1* 8/2011 Borregaard H04R 25/602
381/323
2013/0195303 A1* 8/2013 Tada H04R 25/602
381/323
2014/0177893 A1* 6/2014 Lu H04R 25/602
381/323
2015/0249895 A1* 9/2015 Etwil H04R 25/65
381/323

* cited by examiner

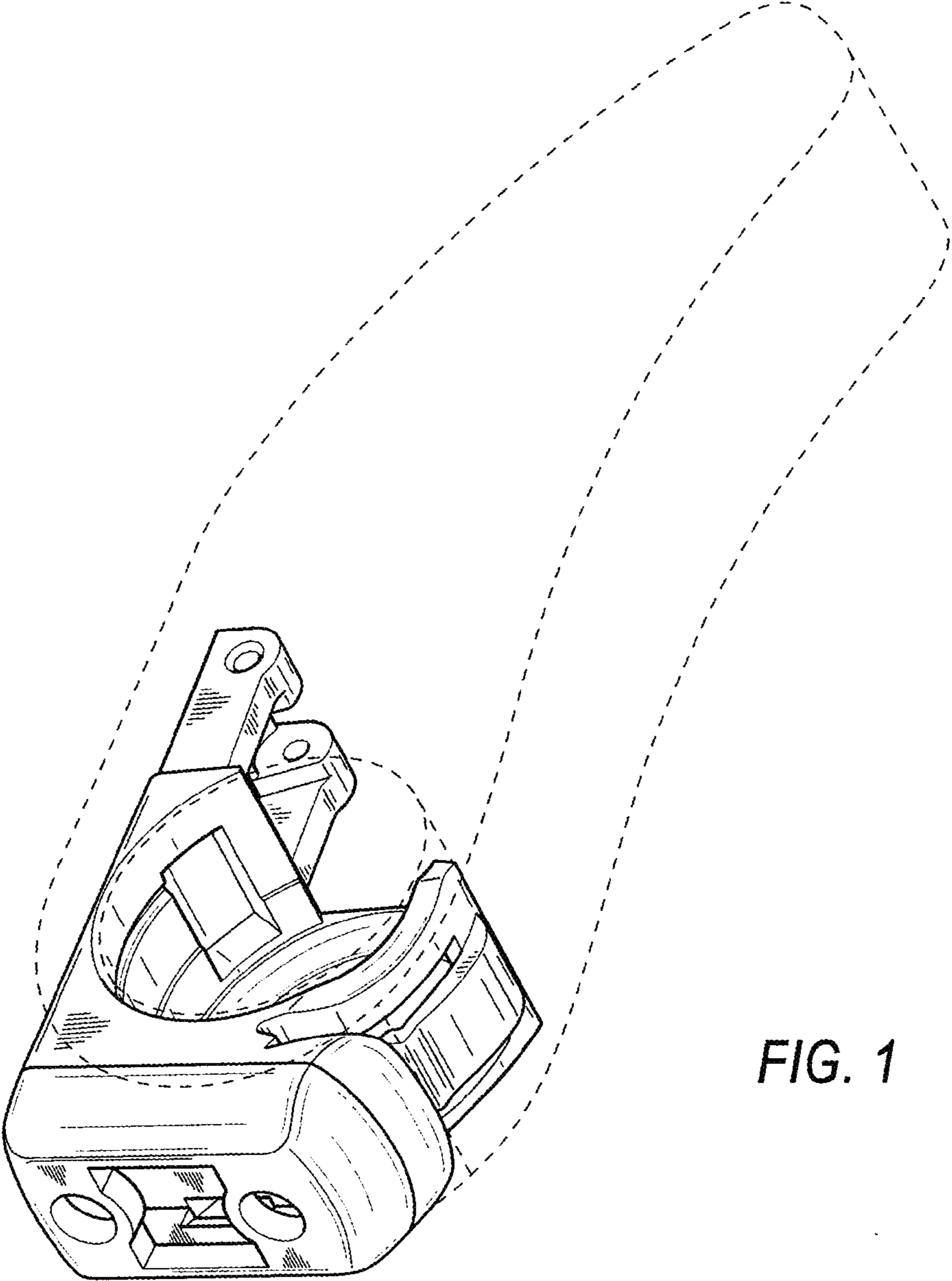


FIG. 1

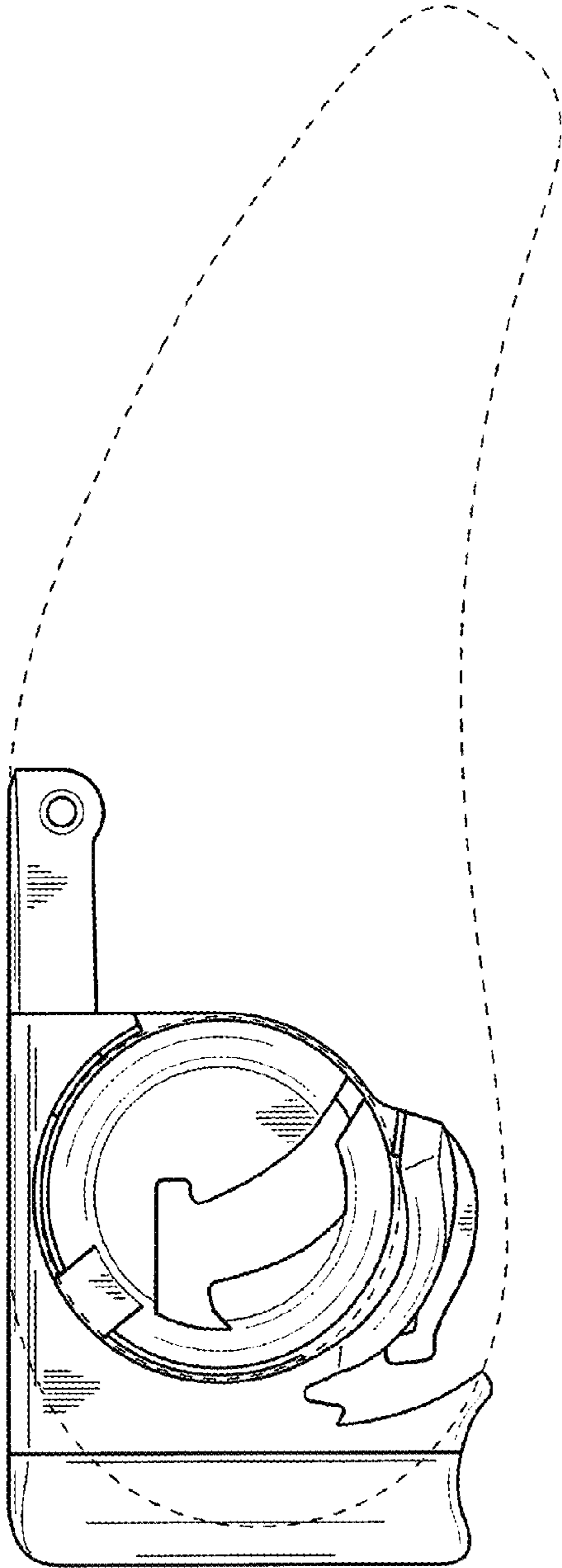


FIG. 2

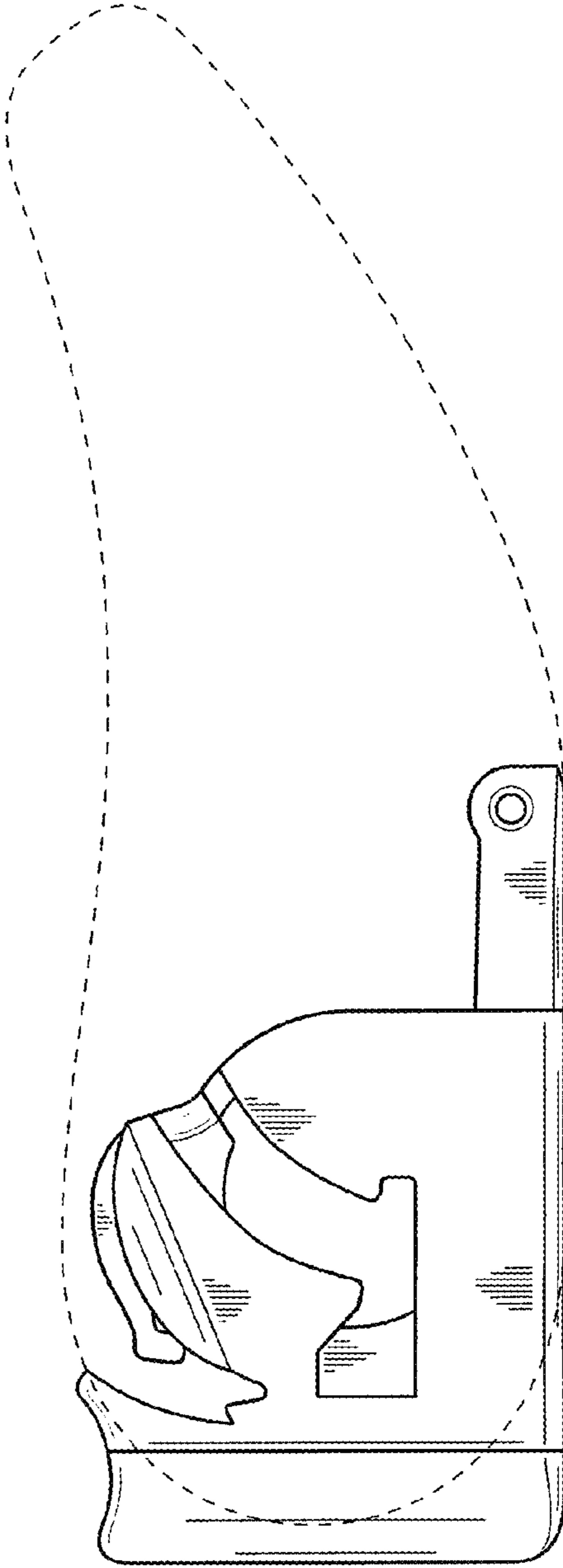


FIG. 3

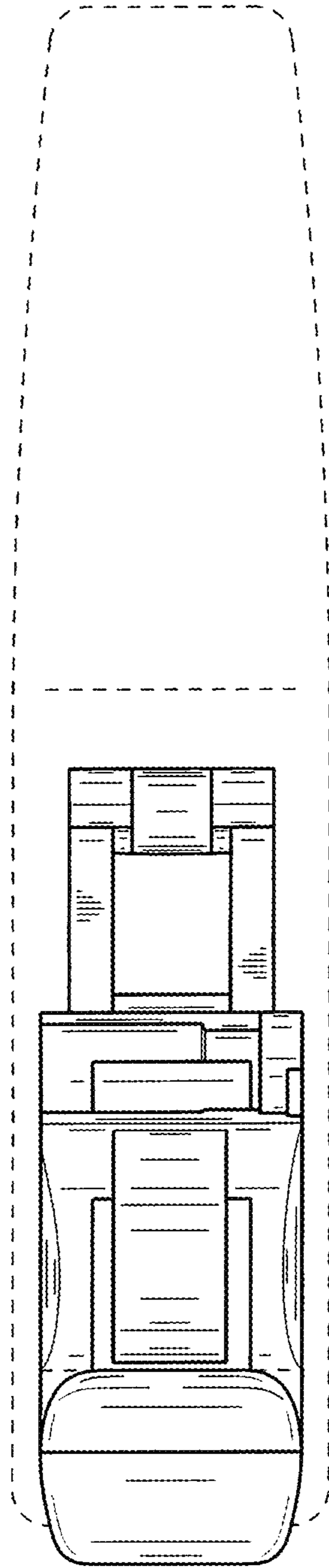


FIG. 4

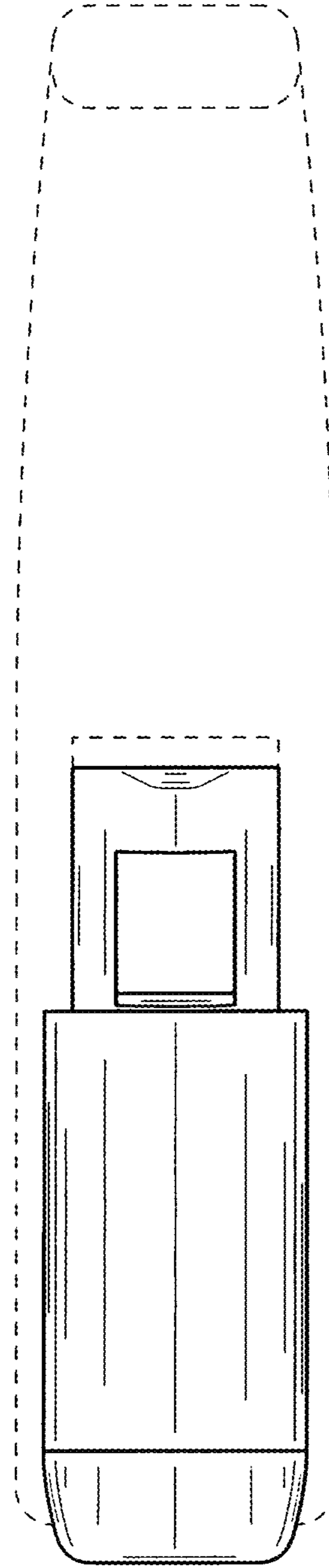


FIG. 5

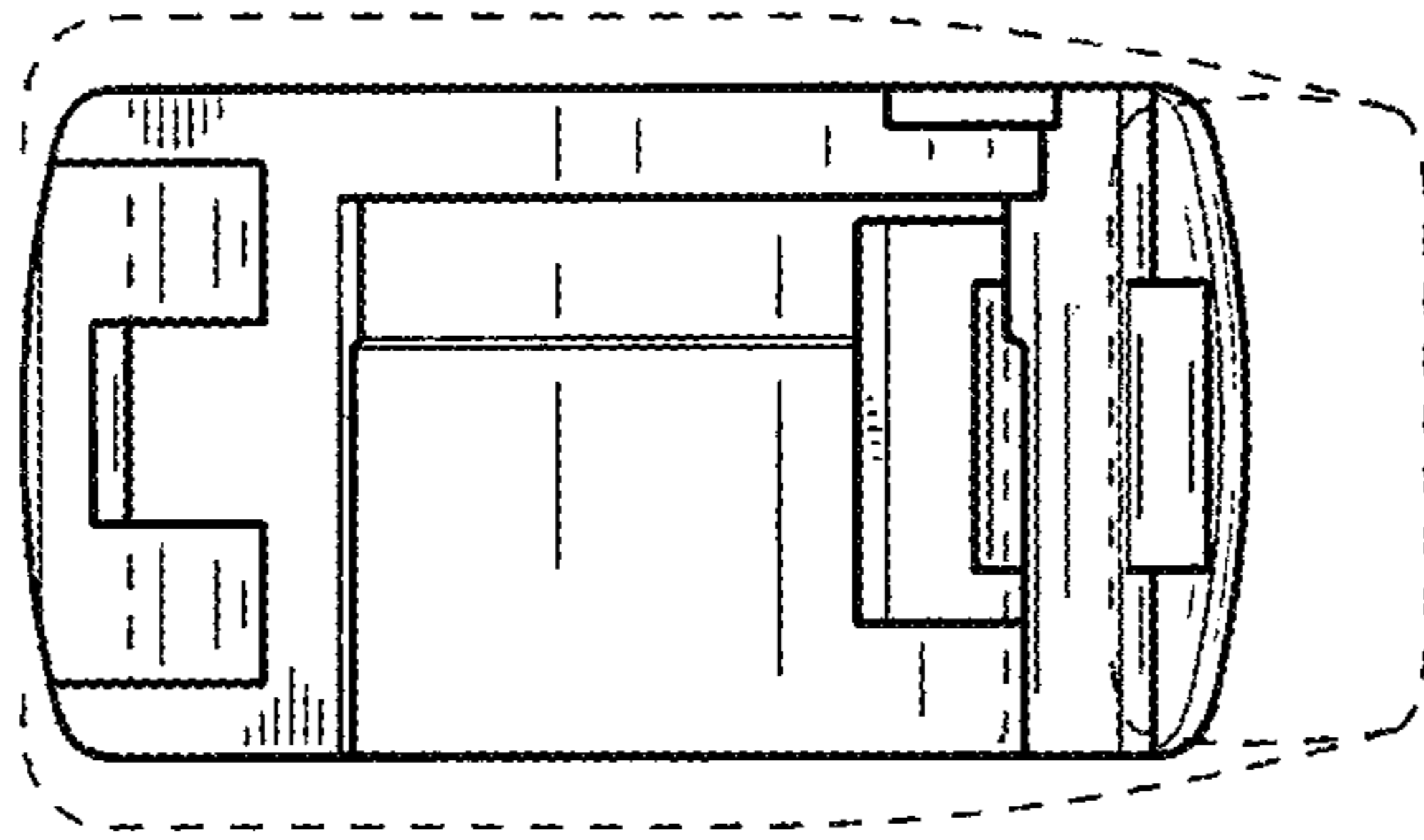


FIG. 6

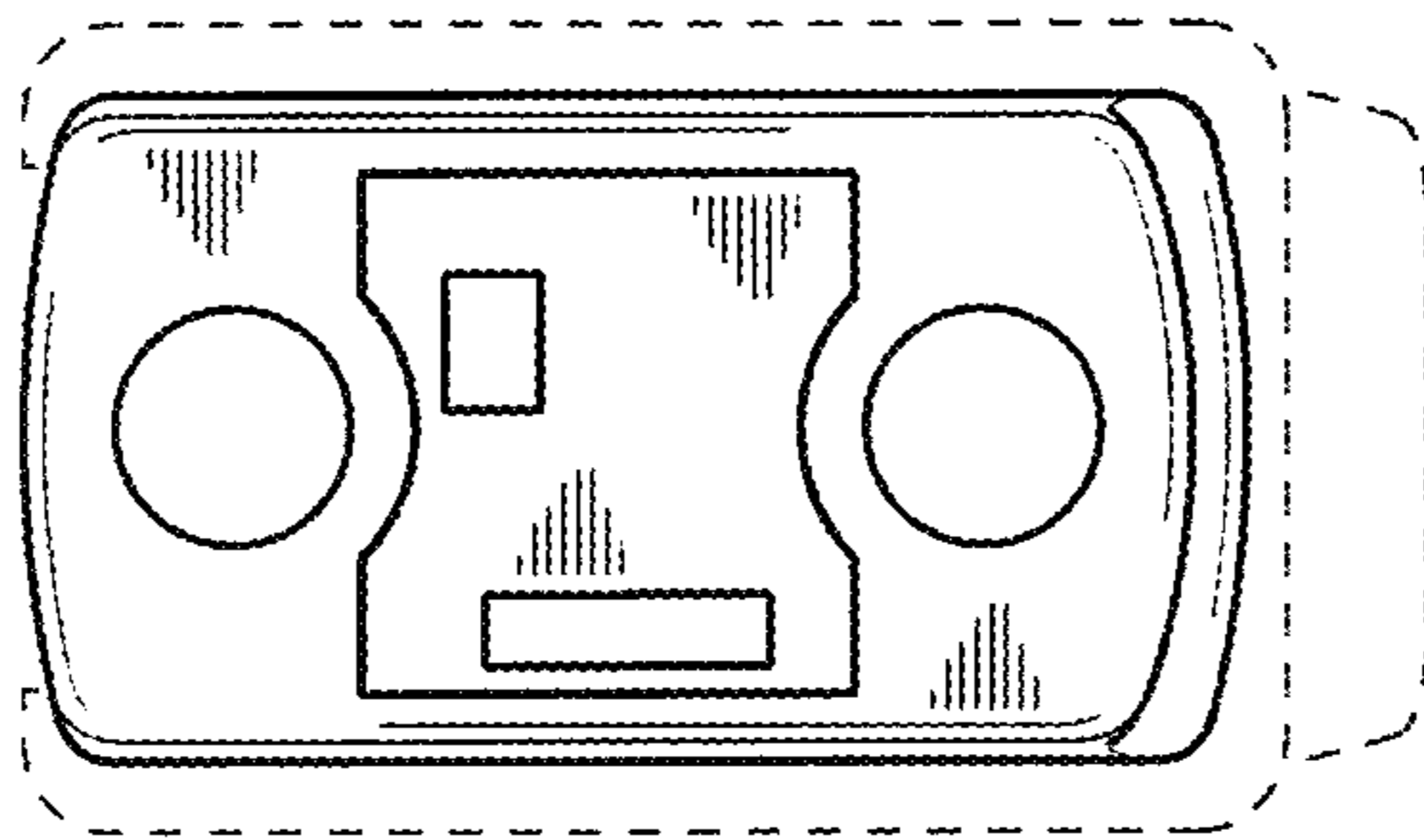


FIG. 7