



US00D795192S

(12) **United States Design Patent** (10) **Patent No.:** **US D795,192 S**
Koenitzer et al. (45) **Date of Patent:** **** Aug. 22, 2017**

(54) **BRUSH ASSEMBLY**

- (71) Applicant: **Helwig Carbon Products, Inc.**, Milwaukee, WI (US)
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- (73) Assignee: **Helwig Carbon Products, Inc.**, Milwaukee, WI (US)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/538,740**
- (22) Filed: **Sep. 8, 2015**
- (51) **LOC (10) Cl.** **13-01**
- (52) **U.S. Cl.**
USPC **D13/122**
- (58) **Field of Classification Search**
USPC D13/122
CPC H02K 11/0089; H01R 39/12; H01R 39/38;
H01R 39/381; H01R 39/26
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,277,497	A *	9/1918	Starker et al.	.....	H01R 39/381 310/246
1,460,152	A *	6/1923	Dean	.....	H01R 39/38 310/246
3,017,529	A *	1/1962	Helwig	.....	H01R 39/26 310/248
4,983,873	A *	1/1991	Tanaka	.....	H01R 39/26 310/233
2003/0151328	A1 *	8/2003	Cutsforth	.....	H01R 39/38 310/239
2008/0100170	A1 *	5/2008	Rehm	.....	H01R 39/41 310/251
2015/0303635	A1 *	10/2015	Wei	.....	H01R 39/381 310/247

OTHER PUBLICATIONS

Helwig Carbon shaft-grounding posted on Windpower Engineering Development, posting date Nov. 12, 2013 © 2016 WTWH Media LLC, [online], [site visited Jan. 19, 2017]. Available from Internet, <<http://www.windpowerengineering.com/design/mechanical/bearings/helwig-carbon-shaft-grounding-assembly-protects-premature-bearing-failure/>>.*

BPK-AM posted on Helwig Carbon.com, posting date unknown, © 2016 Helwig Carbon Products Inc, [online], [site visited Jan. 19, 2017]. Available from Internet, <<https://www.helwigcarbon.com/catalog/grounding-kit/BPK-AM>>.*

Brochure entitled “Helwig Carbon—The Bearing Protector,” available at www.helwigcarbon.com, Sep. 2013 (2 pages).

* cited by examiner

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(57) **CLAIM**

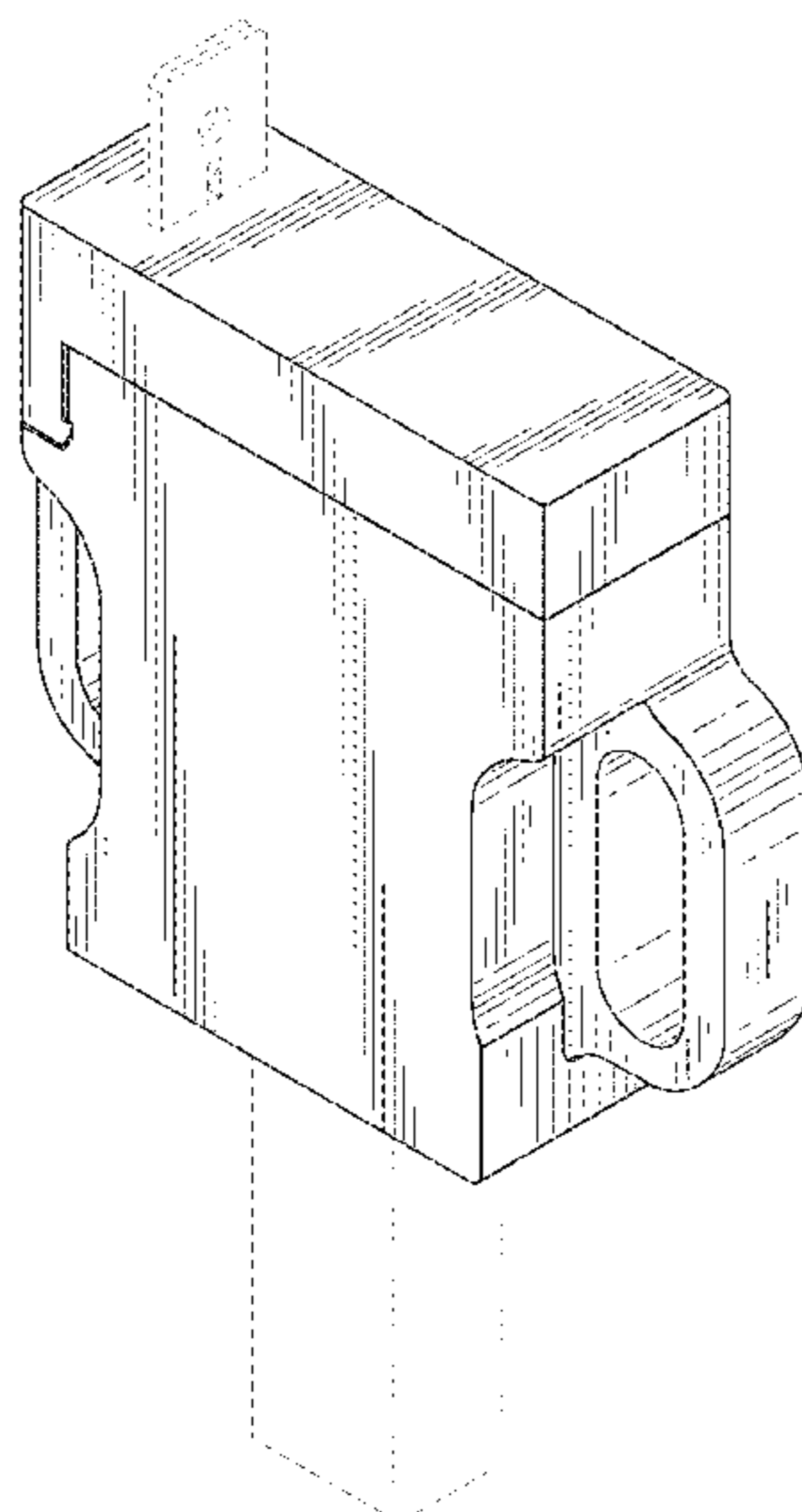
We claim the ornamental design for a brush assembly, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a brush assembly showing the new design;
 FIG. 2 is a front view thereof;
 FIG. 3 is a rear view thereof,
 FIG. 4 is a right side view thereof;
 FIG. 5 is a left side view thereof;
 FIG. 6 is a top view thereof; and,
 FIG. 7 is a bottom view thereof.

The present application is directed to the design illustrated in the drawings. The broken lines represent environmental structure of the brush assembly and form no part of the claimed design.

1 Claim, 5 Drawing Sheets



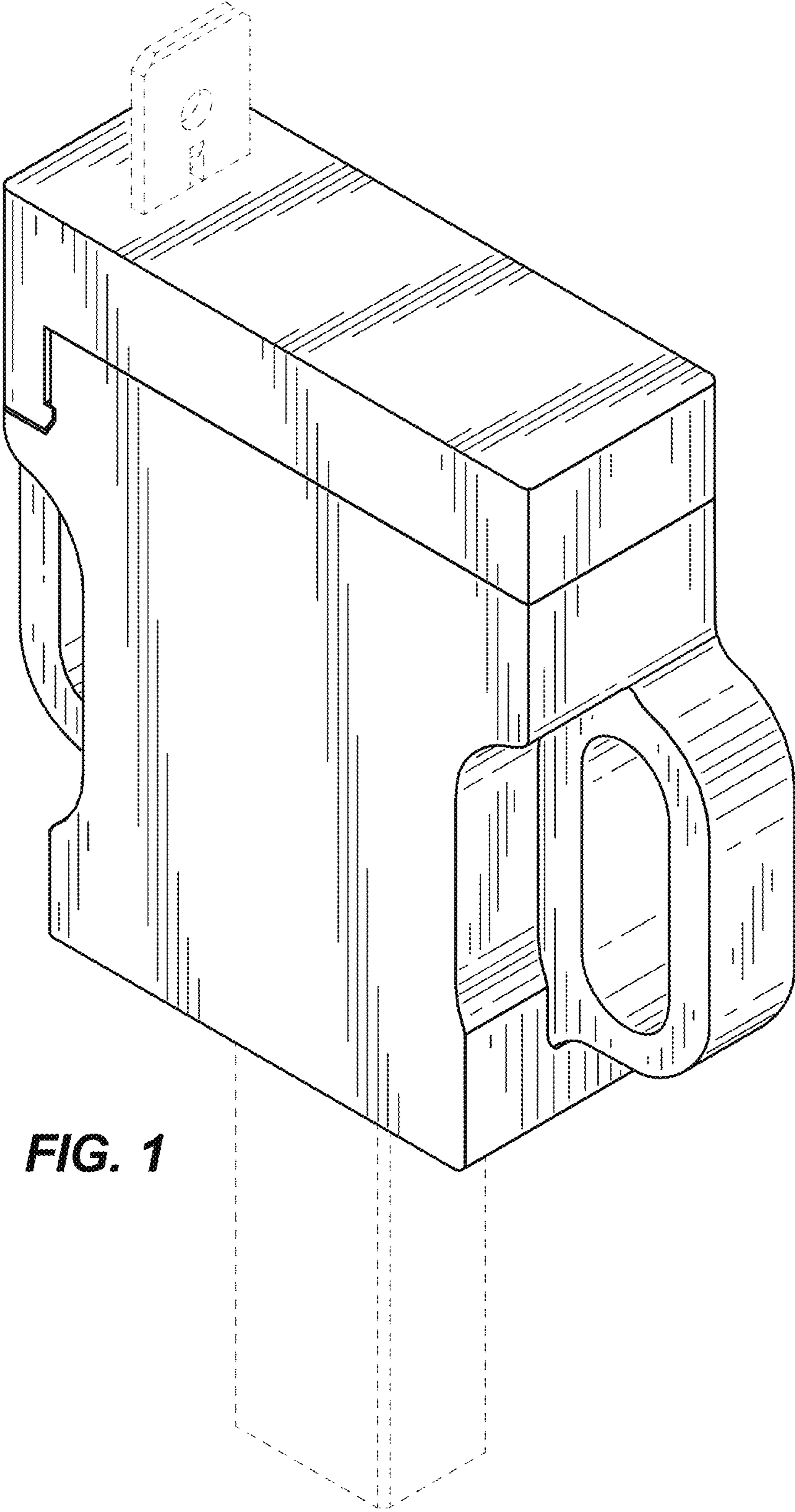


FIG. 1

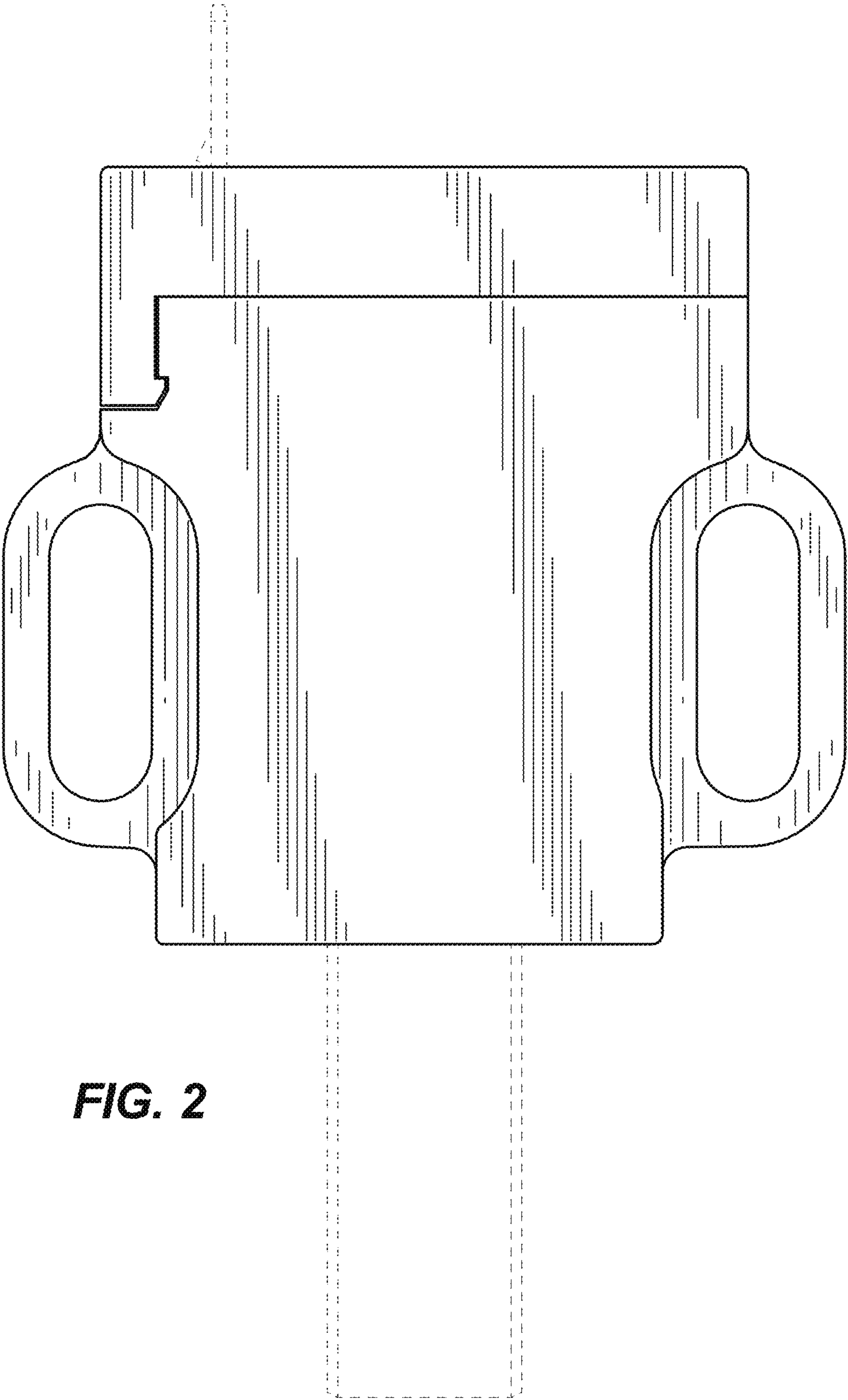


FIG. 2

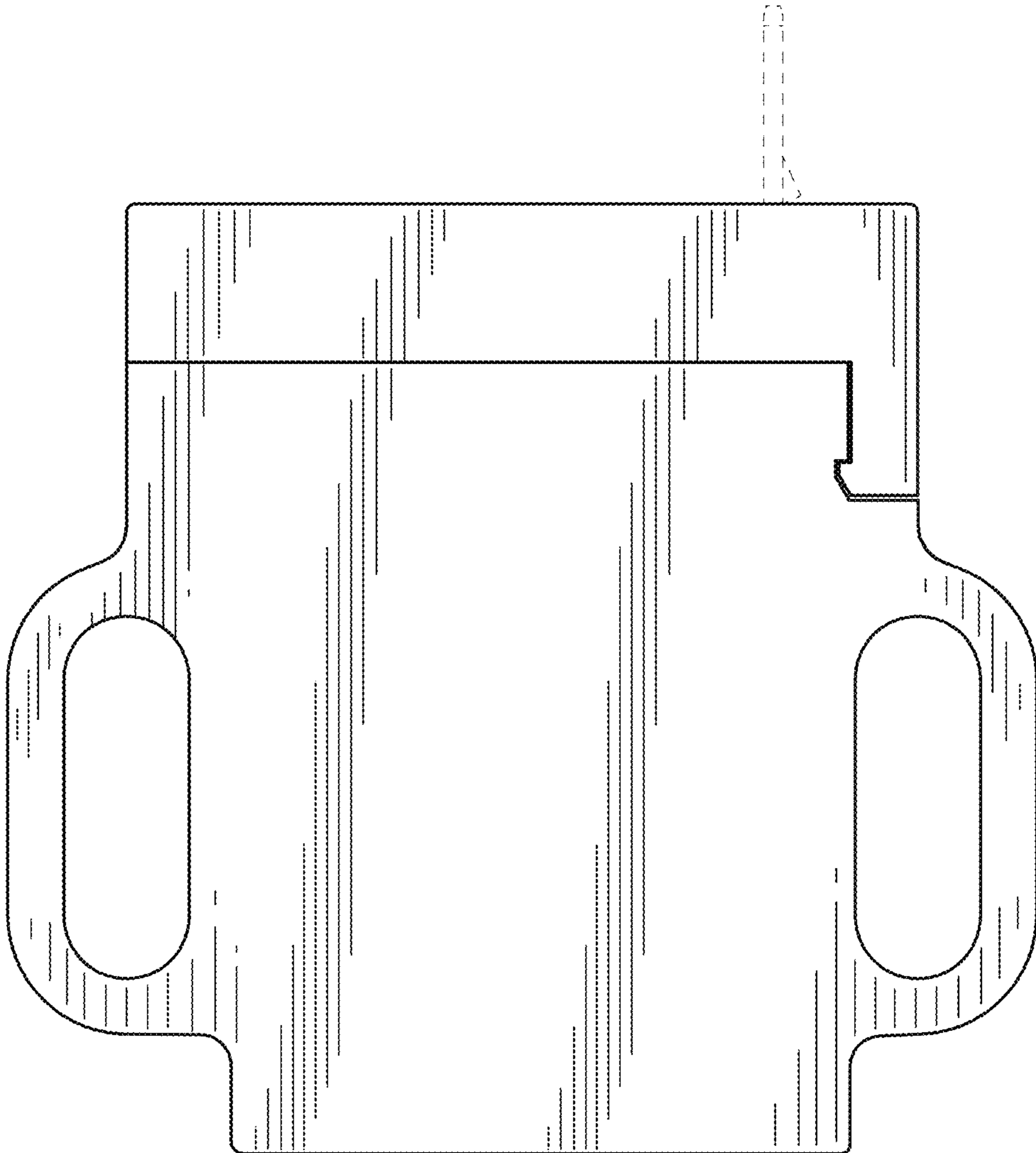


FIG. 3

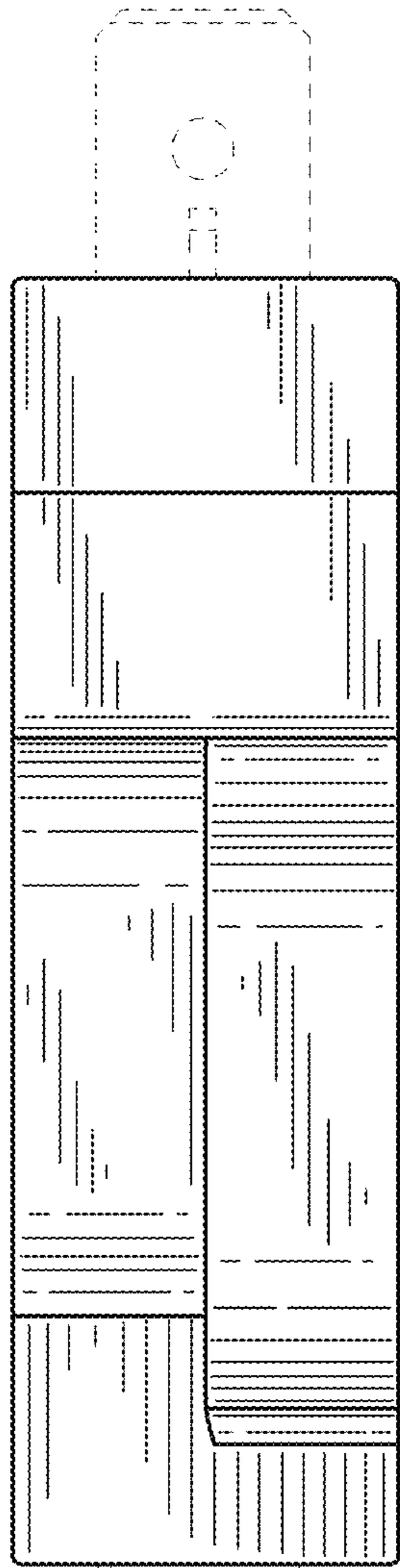


FIG. 4

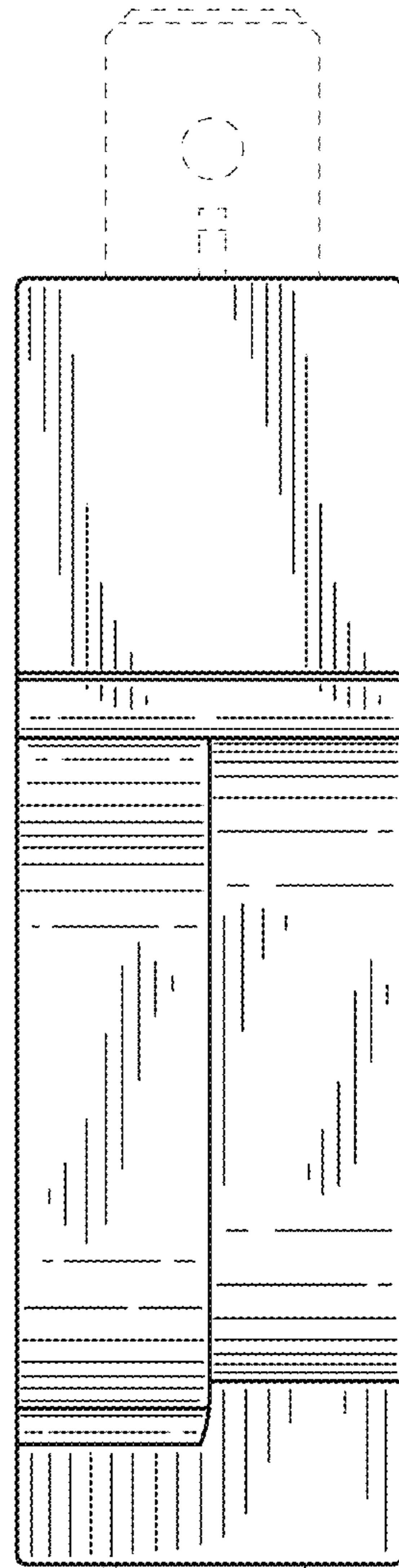


FIG. 5

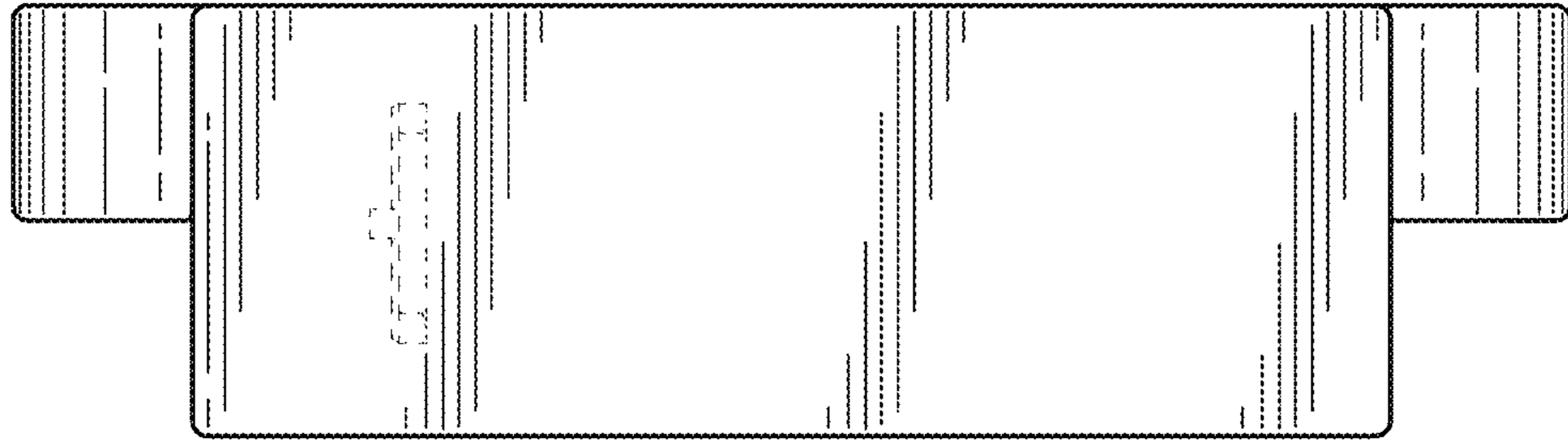


FIG. 6

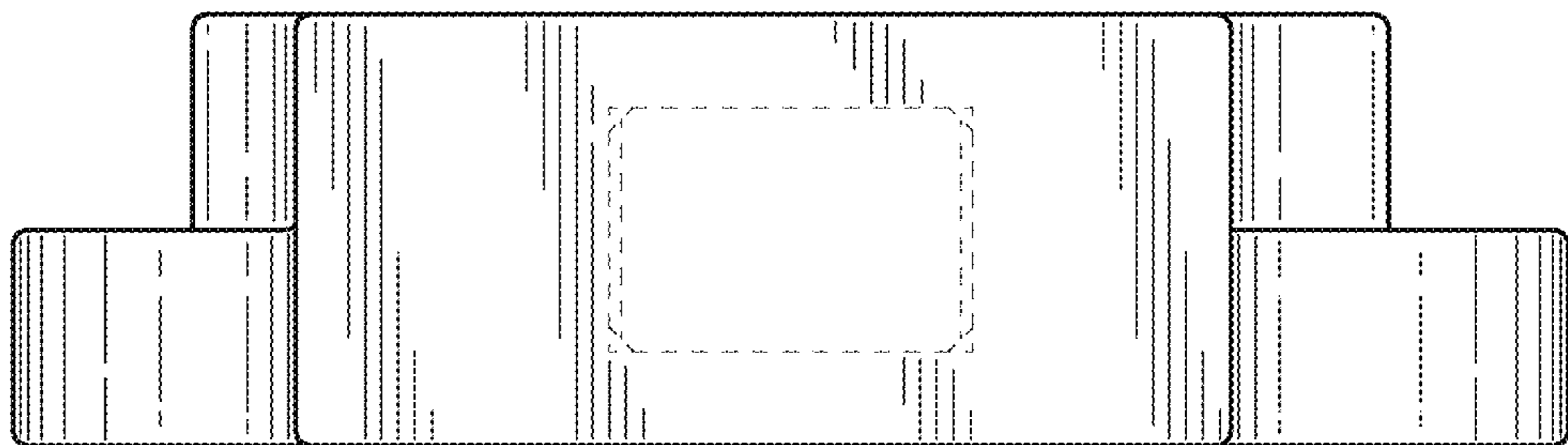


FIG. 7