



US00D707345S

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

(10) **Patent No.:** **US D707,345 S**

(45) **Date of Patent:** **** Jun. 17, 2014**

(54) **FAN BLADE IRON**

(75) Inventor: **Fred Cohen**, Los Angeles, CA (US)

(73) Assignee: **Air Cool Industrial Co., Ltd.**, Taichung (TW)

(**) Term: **14 Years**

(21) Appl. No.: **29/432,007**

(22) Filed: **Sep. 12, 2012**

(51) **LOC (10) Cl.** **23-04**

(52) **U.S. Cl.**
USPC **D23/411**

(58) **Field of Classification Search**

CPC F04D 25/088; F04D 29/34; F04D 29/32;
F04D 29/322; F04D 29/384; F01D 5/3015;
F01D 5/323; F01D 5/30; F01D 25/28; F05D
2250/70; F05D 2240/80; F24F 2221/14;
B63H 1/20; F21V 21/104; F21V 33/0096
USPC D23/411-414, 324, 331, 343, 385,
D23/370-384, 387, 499; D8/323, 327, 349,
D8/354, 373, 380-387, 394, 397, 398;
416/5, 170 R, 214 R, 184, 206, 207,
416/210 R, 220 R, 244 R, 248; 16/265, 382,
16/388, 389; 392/364; 248/188, 243, 4,
248/398

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D280,972 S * 10/1985 Leotta D8/331
5,304,037 A * 4/1994 Scofield 416/134 R
D358,878 S * 5/1995 Tsuji D23/377
D366,111 S * 1/1996 DiPasquale D23/411
D369,405 S * 4/1996 Holbrook D23/411
D384,737 S * 10/1997 Gee, II D23/377
D388,165 S * 12/1997 Johnson D23/411
D397,783 S * 9/1998 Gee, II D23/411

D408,521 S * 4/1999 Zuege D23/411
D409,302 S * 5/1999 Zuege D23/411
6,149,388 A * 11/2000 Liao 416/210 R
D445,891 S * 7/2001 Hsieh D23/411
6,352,409 B1 * 3/2002 Blateri et al. 416/207
D477,399 S * 7/2003 Johnson D23/411
6,585,488 B1 * 7/2003 Bucher et al. 416/210 R
D479,318 S * 9/2003 Johnson D23/411
D484,968 S * 1/2004 Huang D23/411
D490,512 S * 5/2004 Campbell D23/411
6,821,091 B2 * 11/2004 Lee 416/210 R
6,863,499 B2 * 3/2005 Pearce 416/210 R
D505,197 S * 5/2005 Tai D23/411
6,902,375 B2 * 6/2005 Bird et al. 416/207
D508,125 S * 8/2005 Curtin D23/411
D520,630 S * 5/2006 Pickett D23/411
D528,647 S * 9/2006 Dye D23/411
D533,267 S * 12/2006 Pan D23/411
D533,937 S * 12/2006 Pan D23/411

(Continued)

Primary Examiner — Susan Bennett Hattan

Assistant Examiner — Marie Fast Horse

(74) *Attorney, Agent, or Firm* — Ming Chow; Sinorica, LLC

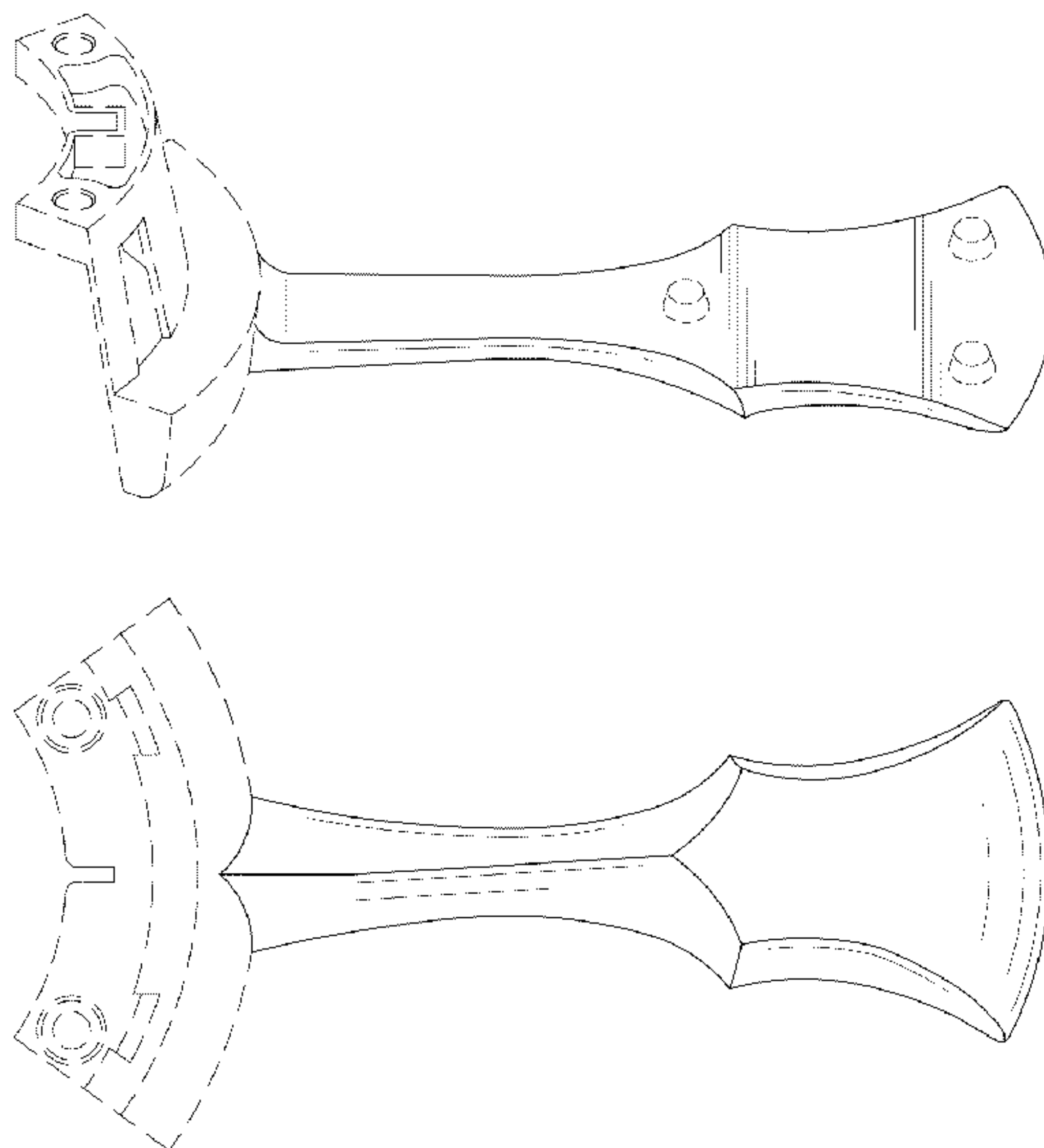
(57) **CLAIM**

I claim the ornamental design for a fan blade iron, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a fan blade iron showing my new design;
FIG. 2 is a front elevational view thereof;
FIG. 3 is a rear elevational view thereof.
FIG. 4 is a left side elevational view thereof;
FIG. 5 is a right side elevational view thereof;
FIG. 6 is a top plan view thereof; and,
FIG. 7 is a bottom plan view thereof.
The broken lines in the drawings depict environmental subject matter only and form no part of the claimed design.

1 Claim, 4 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

7,163,377 B2 *	1/2007	Blateri et al.	.....	416/210 R	D556,318 S *	11/2007	Curtin	.....	D23/411
D547,433 S *	7/2007	Wang	.....	D23/411	D594,549 S *	6/2009	Pan	.....	D23/411
D551,337 S *	9/2007	Pickett	.....	D23/411	7,584,523 B1 *	9/2009	Finkelstein et al.	.....	16/260
D552,229 S *	10/2007	Shurtleff	.....	D23/411	7,857,592 B2 *	12/2010	Bucher et al.	.....	416/210 R
D552,777 S *	10/2007	Pan	.....	D26/59	2005/0058503 A1 *	3/2005	Li	.....	403/349
					2007/0258821 A1 *	11/2007	Pearce	.....	416/210 R
					2007/0297911 A1 *	12/2007	Brookins	.....	416/244 R

* cited by examiner

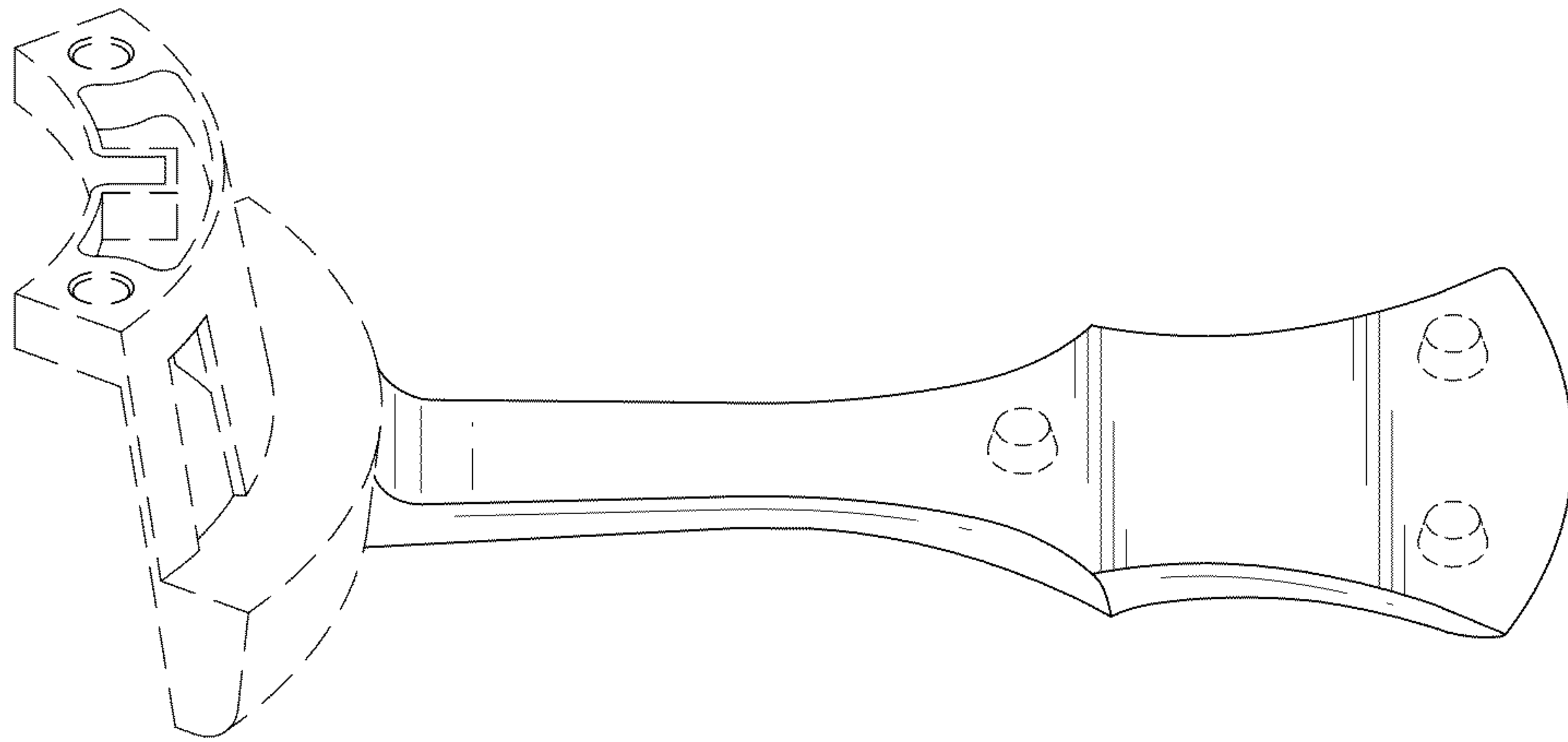


FIG. 1

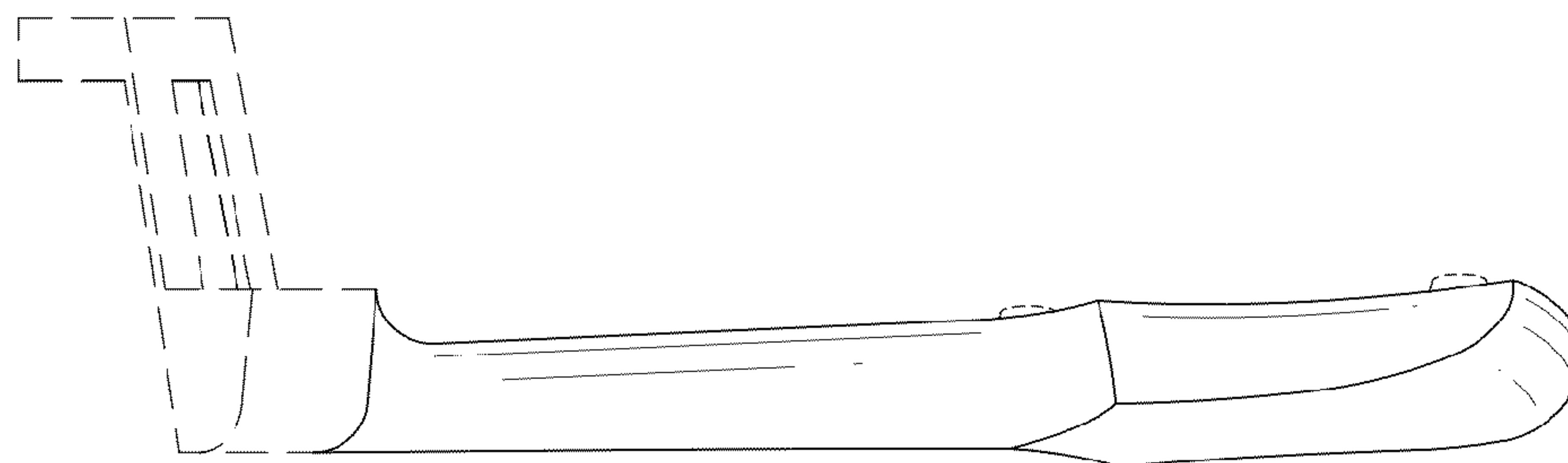


FIG. 2

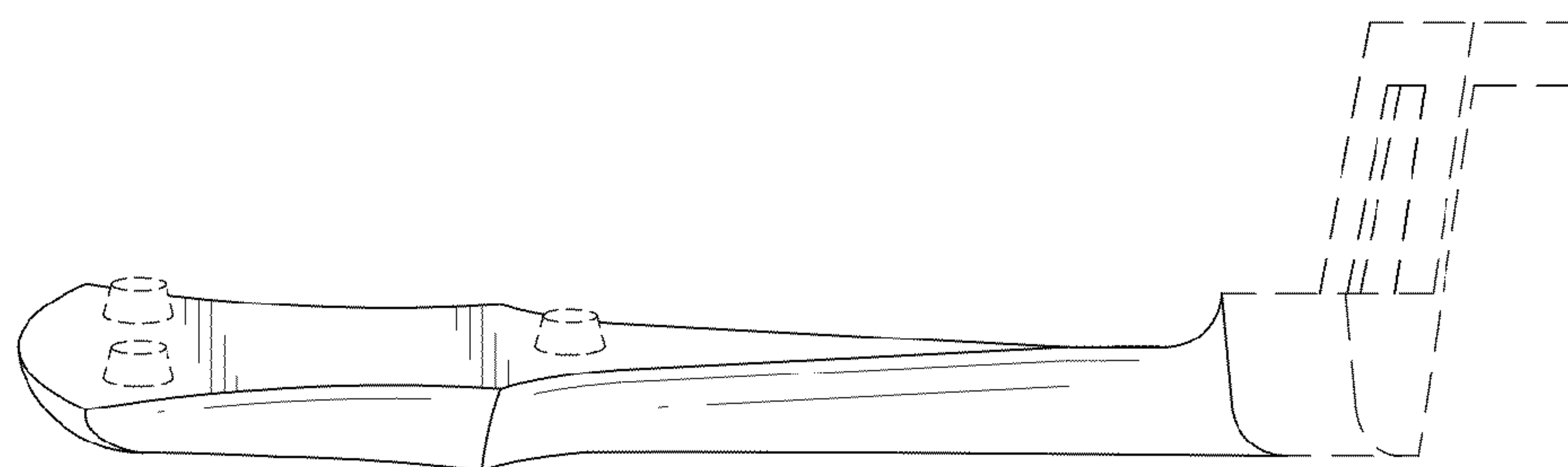


FIG. 3

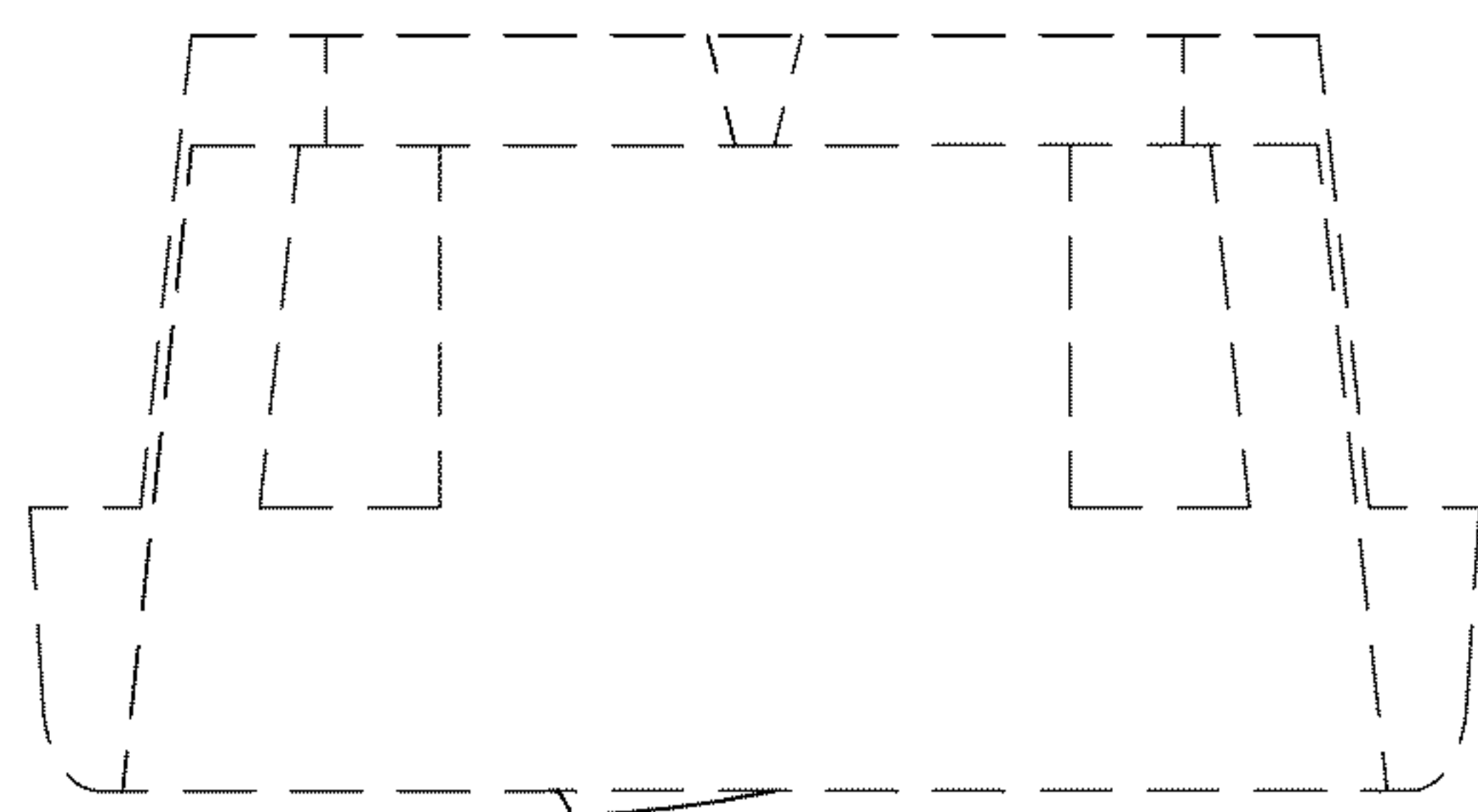


FIG. 4

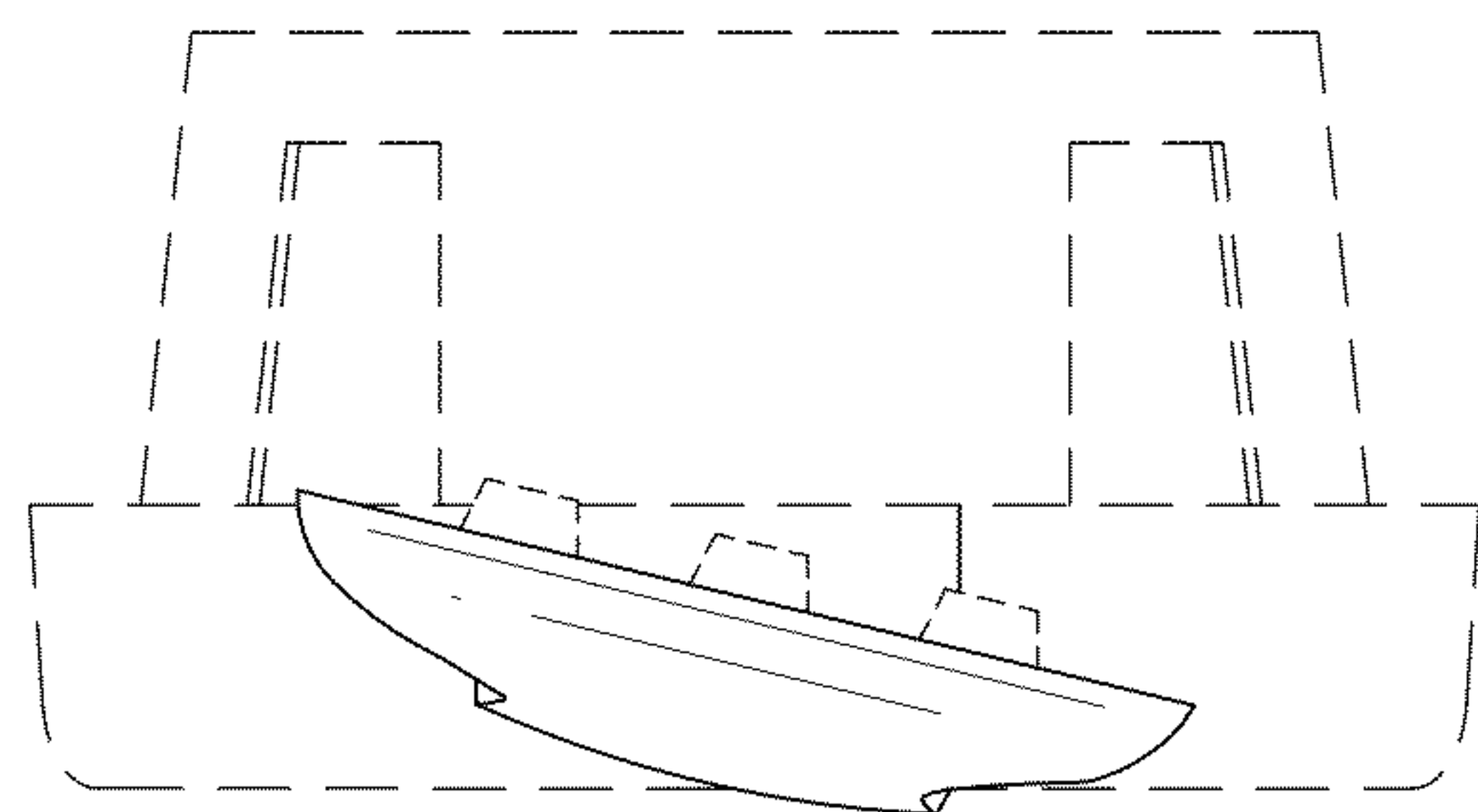


FIG. 5

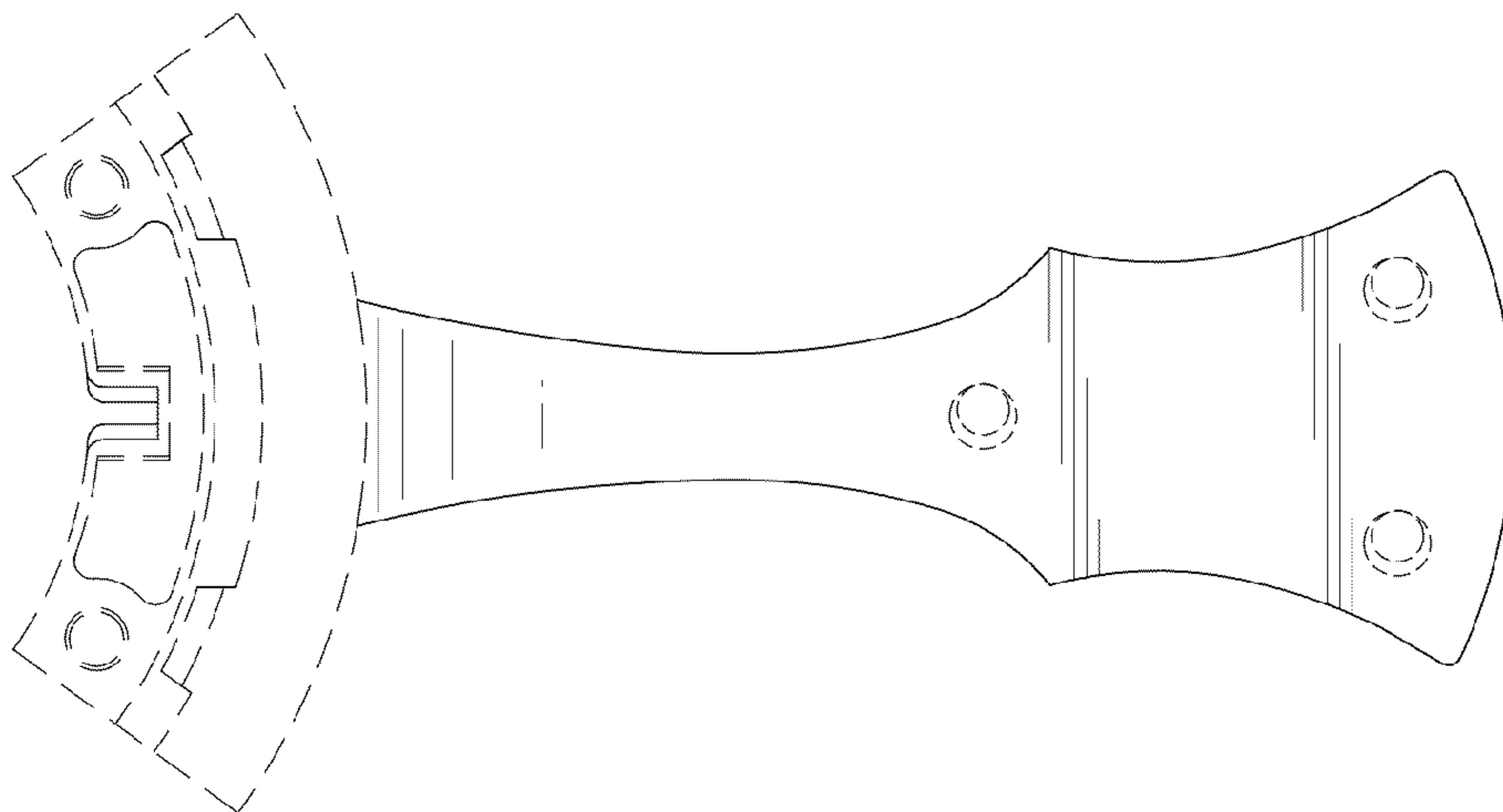


FIG. 6

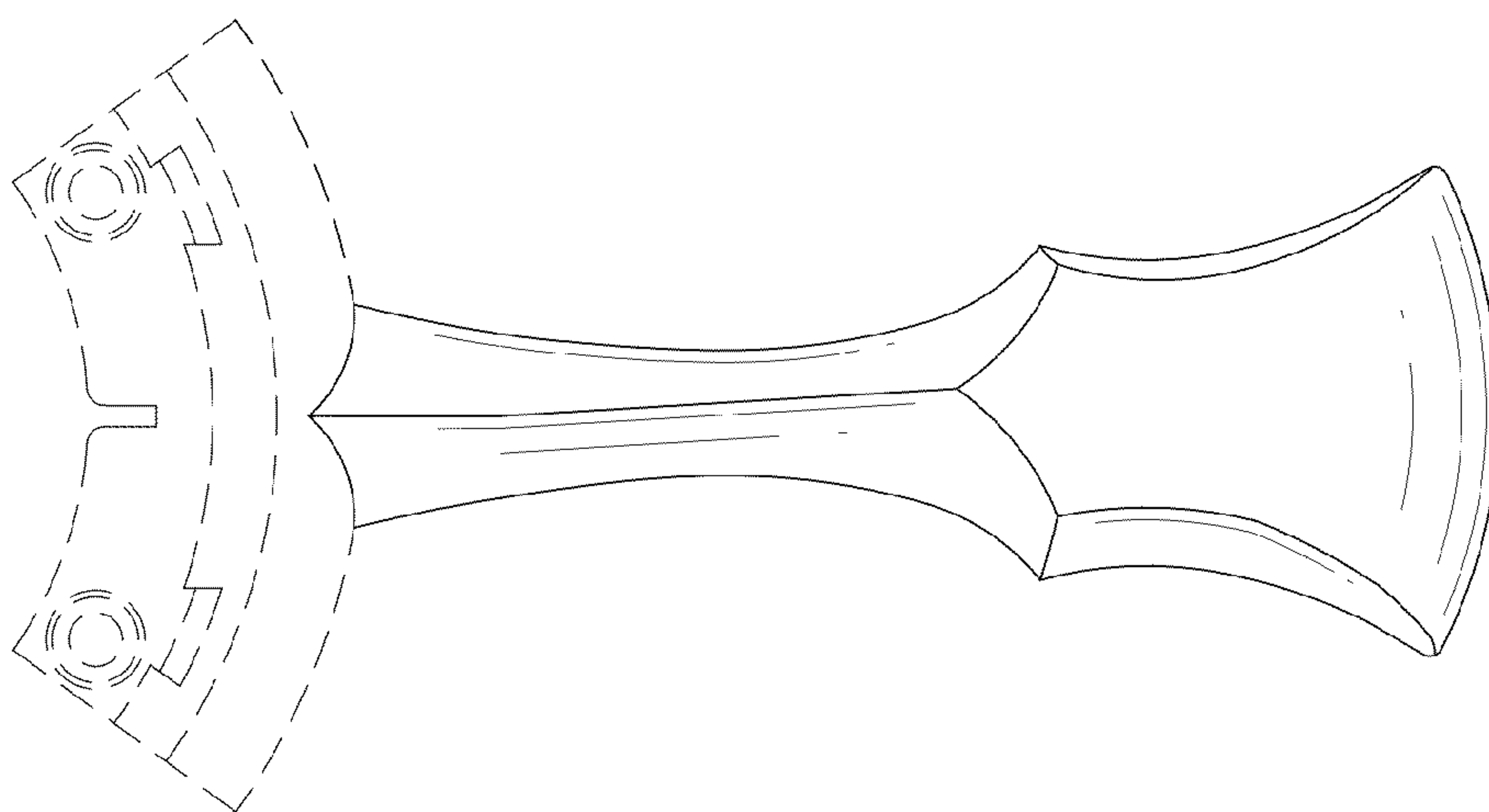


FIG. 7