



US00D710987S

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

(10) **Patent No.:** **US D710,987 S**

(45) **Date of Patent:** **** Aug. 12, 2014**

(54) **FAN BLADE IRON**

(71) Applicant: **Air Cool Industrial Co., Ltd.**, Taichung (TW)

(72) Inventor: **Brian Glasbrenner**, Smyrna, GA (US)

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

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

(21) Appl. No.: **29/435,802**

(22) Filed: **Oct. 29, 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 29/322;
F04D 29/384; F01D 3/3015; 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;
D11/78.1, 86; 16/265, 382, 388, 389;
392/364; 248/188, 243, 4, 398; 310/91,
310/348; 416/5, 170 R, 214 R, 184, 206,
416/207, 210 R, 220 R, 244 R, 248

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D382,955 S * 8/1997 Liu D23/411
D395,498 S * 6/1998 Gee, II D23/411
D441,442 S * 5/2001 Williams D23/377
D453,826 S * 2/2002 Hidalgo D23/377
D456,892 S * 5/2002 Hsieh D23/411

D456,893 S * 5/2002 Hsieh D23/411
D458,363 S * 6/2002 Hidalgo D23/411
D478,382 S * 8/2003 Burns D23/411
D479,872 S * 9/2003 Young D23/377
D480,797 S * 10/2003 Young D23/411
D481,455 S * 10/2003 Young D23/411
D482,774 S * 11/2003 Stauffer D23/411
D483,850 S * 12/2003 Tai D23/377
D485,897 S * 1/2004 Tai D23/377
D498,837 S * 11/2004 Thomas, Jr. D23/411
D518,567 S * 4/2006 Hidalgo D23/411
D522,133 S * 5/2006 Florez D23/411
D522,135 S * 5/2006 Hidalgo D23/411
D523,137 S * 6/2006 Wang D23/411
D526,714 S * 8/2006 Hidalgo D23/411
D531,720 S * 11/2006 Hidalgo D23/411
D532,102 S * 11/2006 Stauffer D23/411
D536,088 S * 1/2007 Pickett D23/411
D537,521 S * 2/2007 Shurtleff D23/411
D543,615 S * 5/2007 Lee 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;

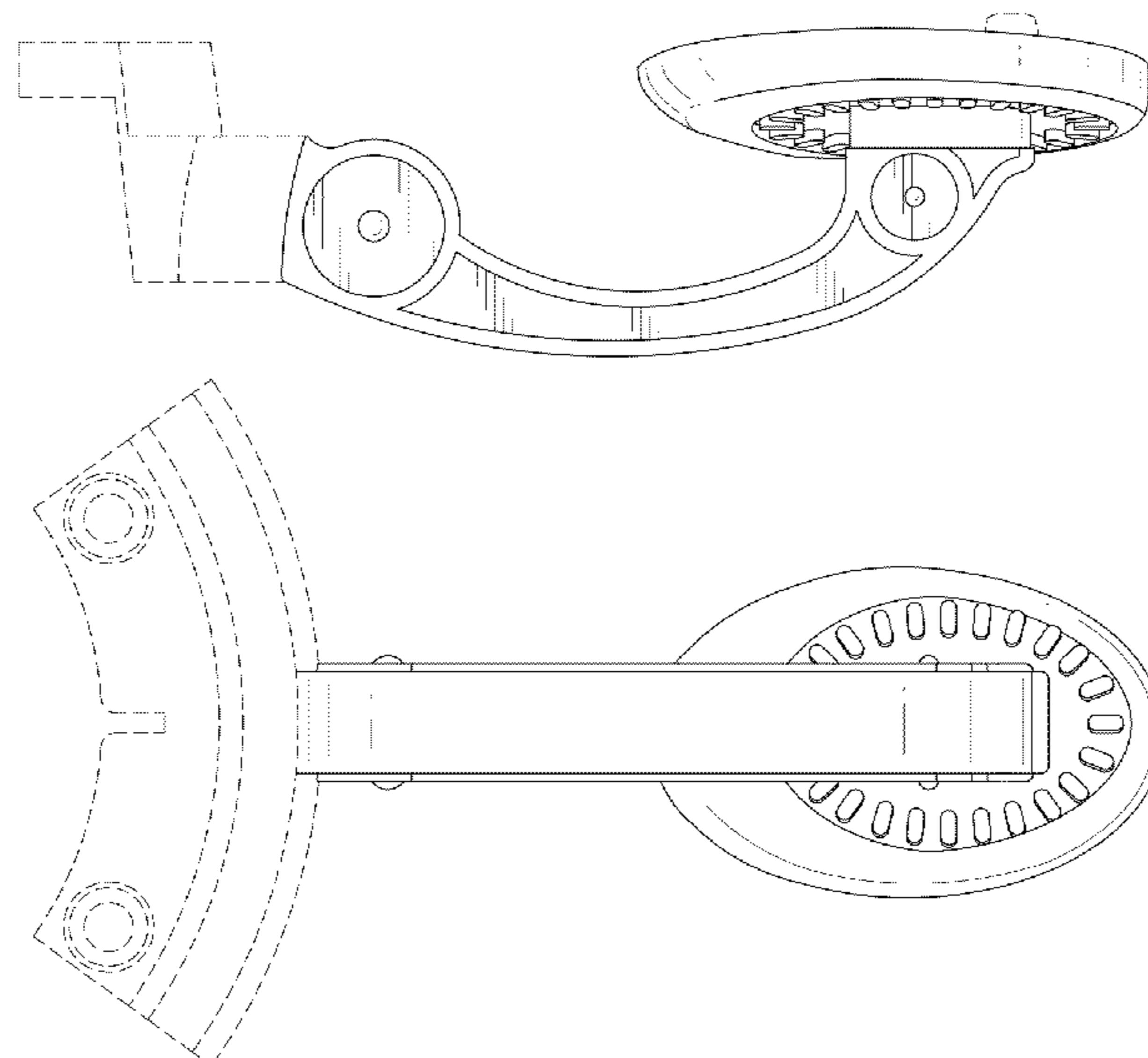
FIG. 5 is a right side elevational view thereof;

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, 5 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D544,597 S * 6/2007 Ertze D23/411
D551,755 S * 9/2007 Shurtleff D23/411
D551,758 S * 9/2007 Shurtleff D23/411
D553,240 S * 10/2007 Badarello D23/411
D556,886 S * 12/2007 Flores D23/411
D564,652 S * 3/2008 Pan D23/411
D565,724 S * 4/2008 Hidalgo D23/411

D566,258 S * 4/2008 Bucher et al. D23/377
D567,357 S * 4/2008 Curtin D23/411
7,384,242 B2 * 6/2008 Ming 416/210 R
D579,316 S * 10/2008 Lee D8/331
D581,514 S * 11/2008 Pickett D23/411
D583,923 S * 12/2008 Bucher et al. D23/377
D597,654 S * 8/2009 Orozco D23/411
D607,944 S * 1/2010 Merner et al. D20/99
D671,634 S * 11/2012 Glasbrenner D23/411

* cited by examiner

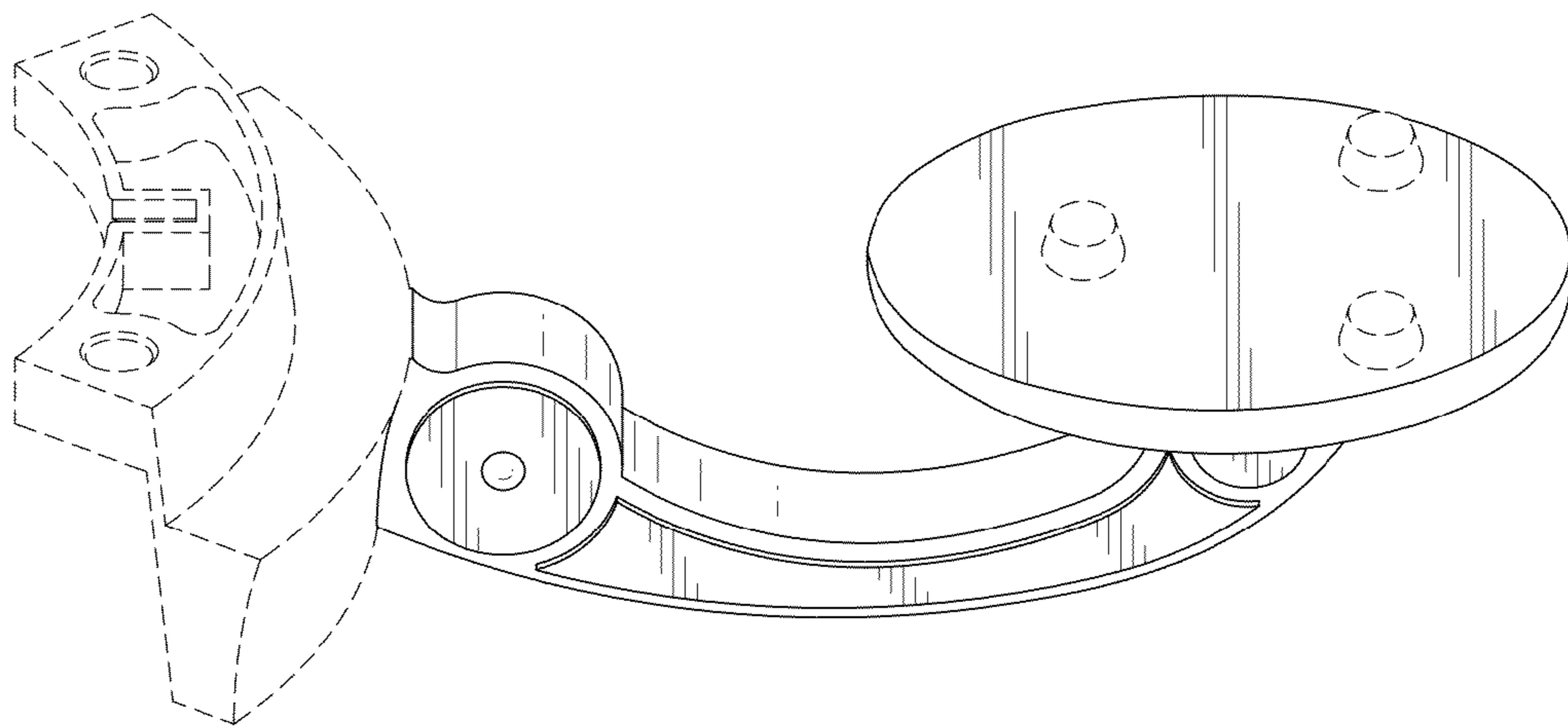


FIG. 1

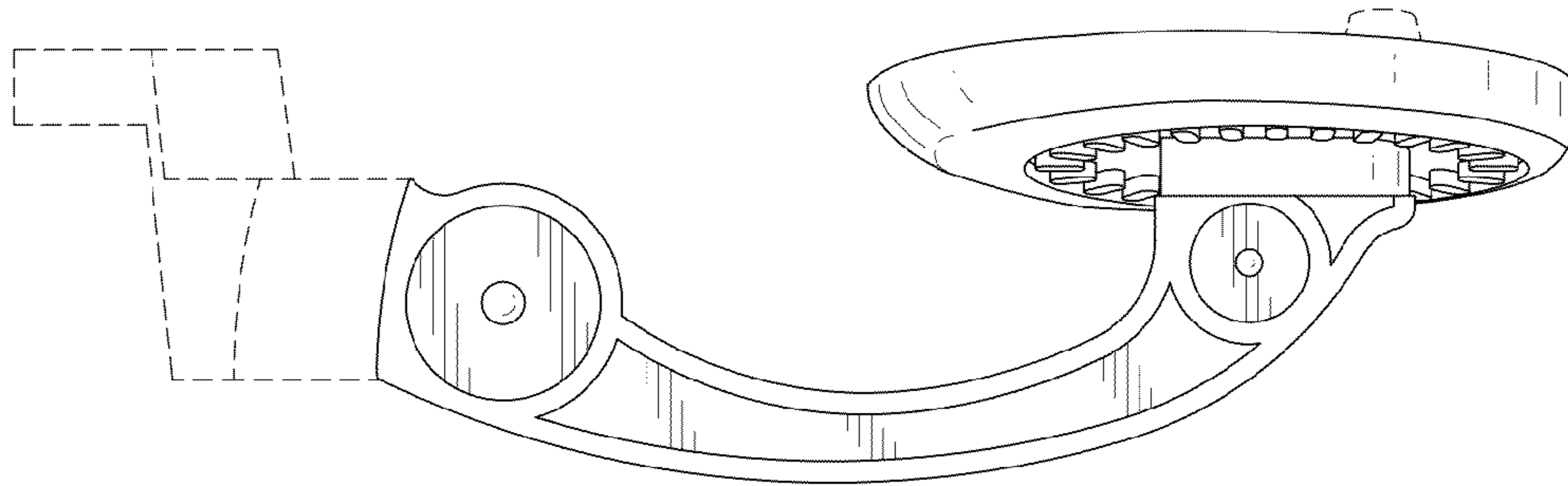


FIG. 2

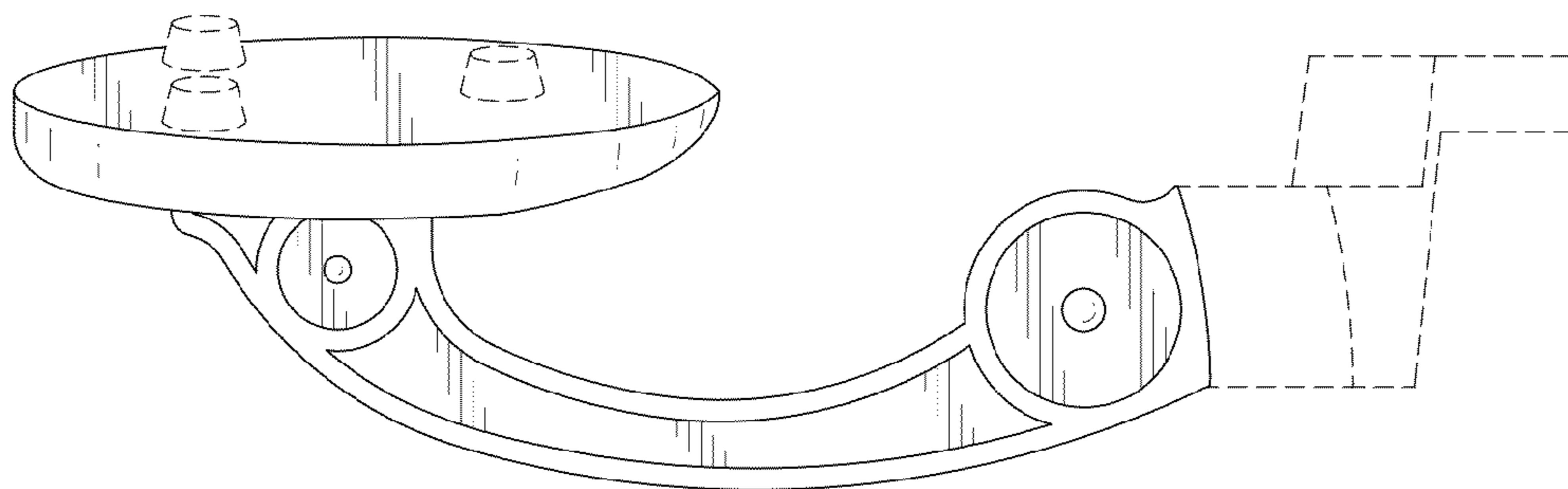


FIG. 3

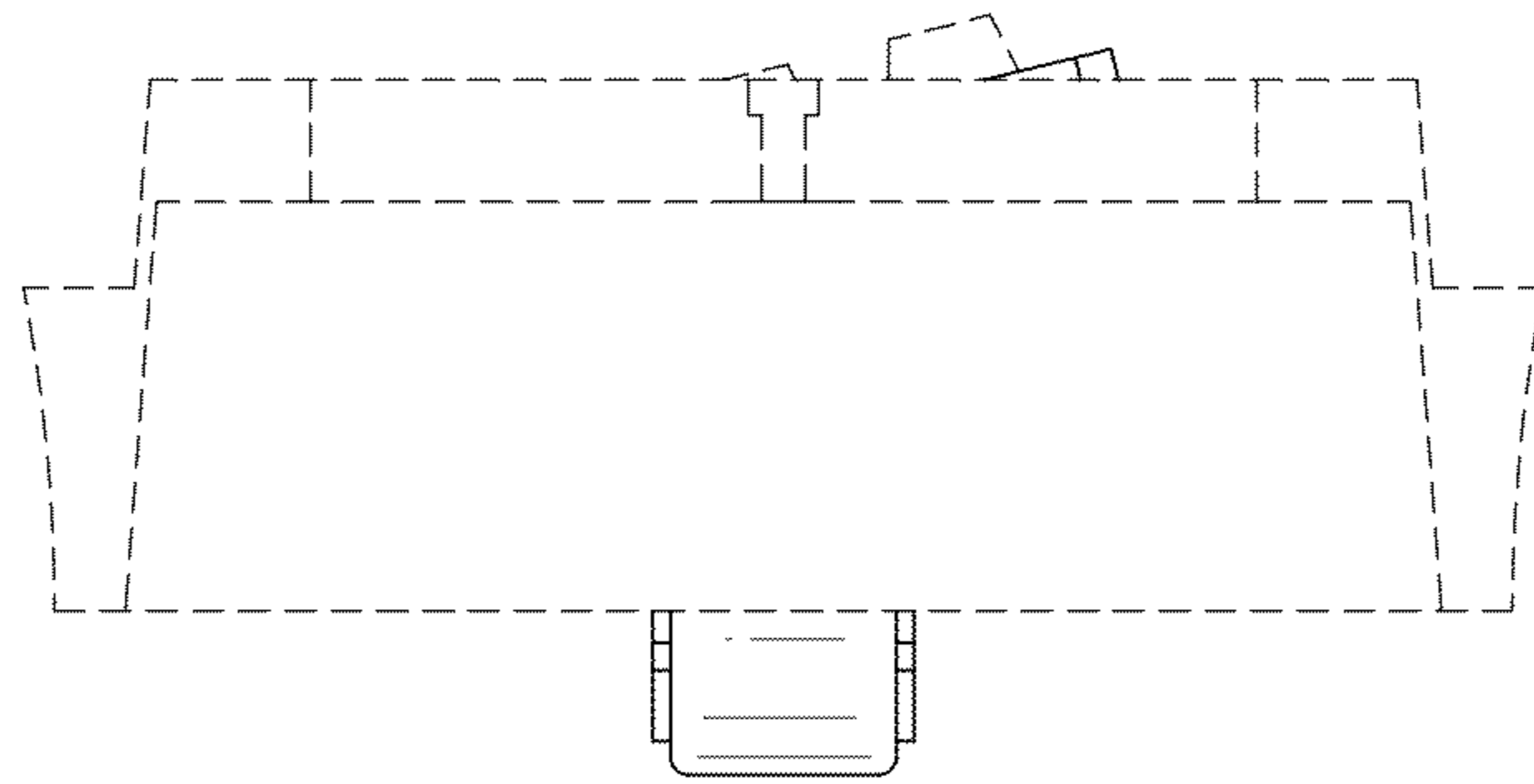


FIG. 4

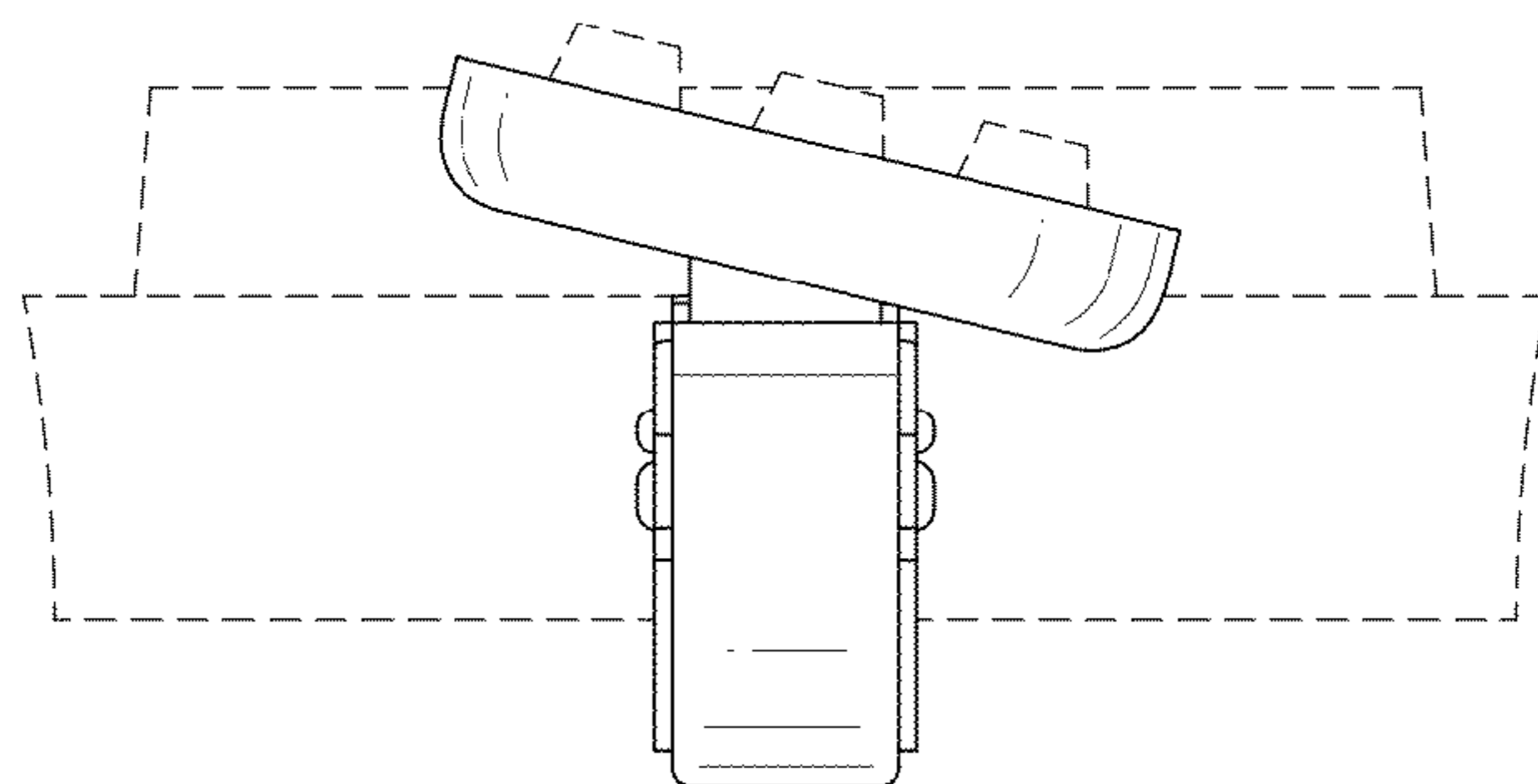


FIG. 5

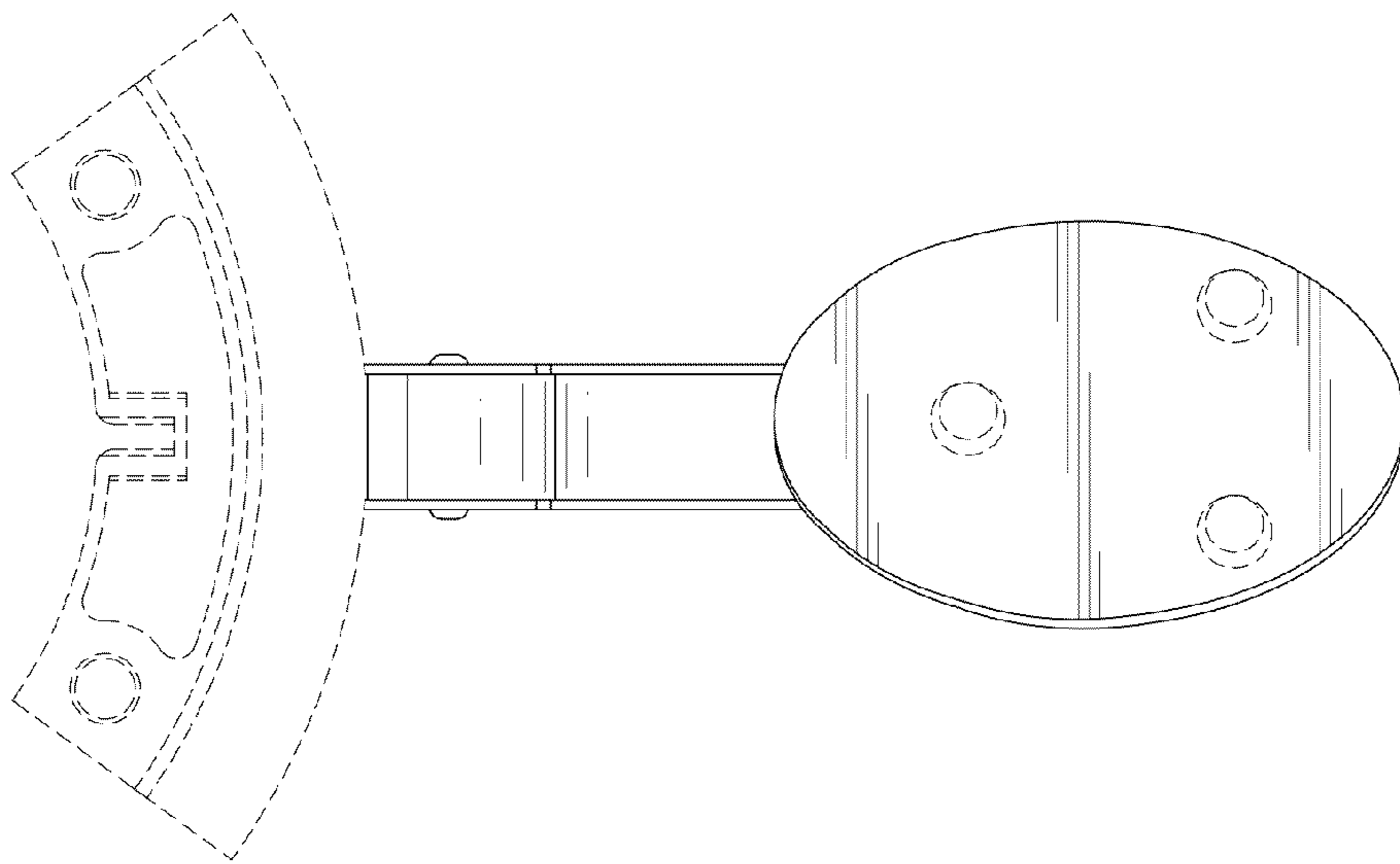


FIG. 6

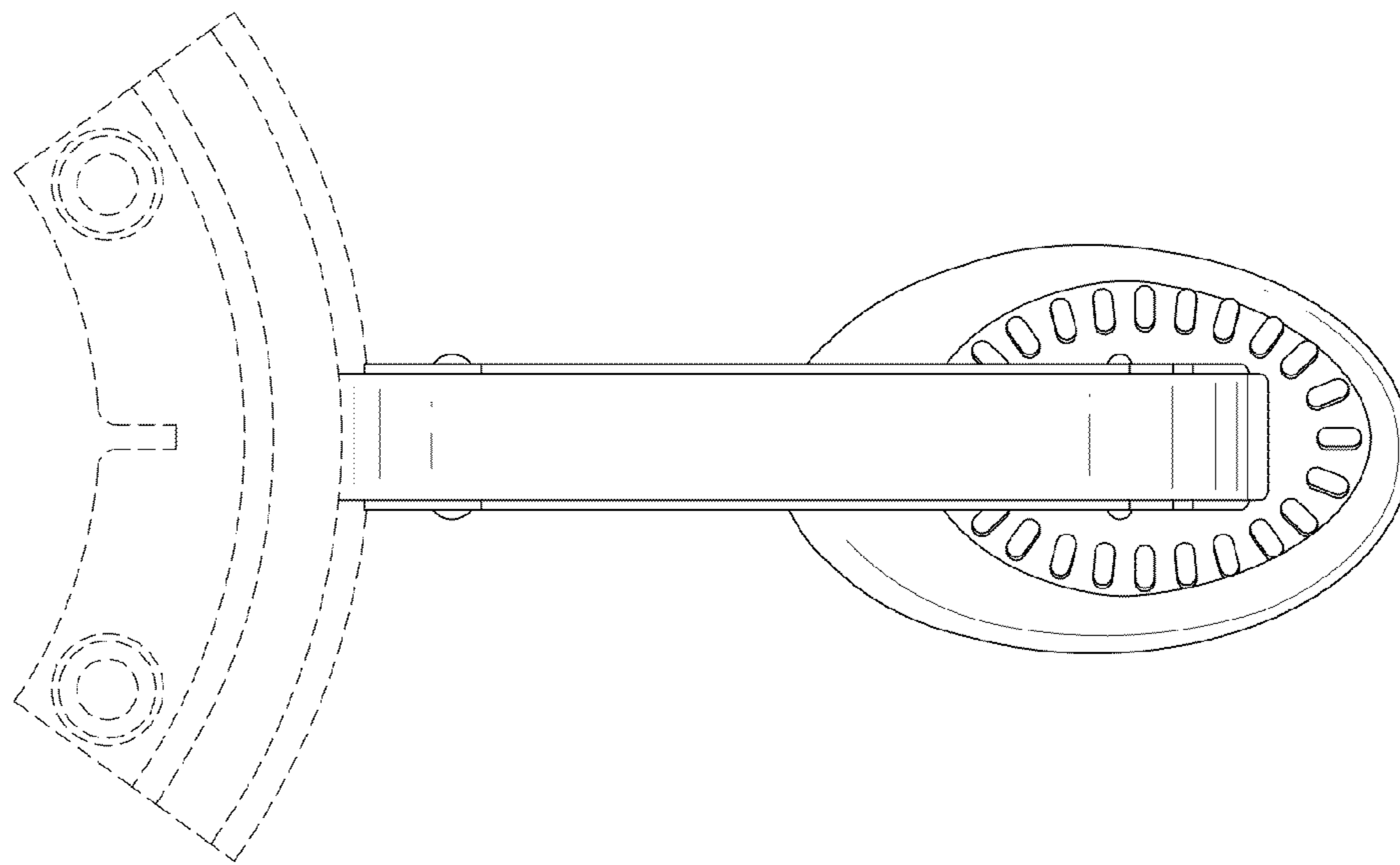


FIG. 7