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

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(45) **Date of Patent:** **** May 19, 2015**

(54) **OSCILLATOR**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **Robert Bosch GmbH**, Stuttgart (DE)

DE 3805926 A1 * 9/1989 B24B 23/03
JP 2013184284 A * 9/2013 B24B 23/04

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(DE)

(Continued)

(73) Assignee: **Robert Bosch GmbH**, Stuttgart (DE)

OTHER PUBLICATIONS

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

“Bosch MX30E Multi-X Oscillating Multi-Tool with Tool-Less Blade Change.” Tool Guyd., Mar. 8, 2012 [online], [retrieved on Jul. 27, 2014]. Retrieved from the Internet <URL: <http://toolguyd.com/bosch-mx30e-multi-x-oscillating-multi-tool/>>.*

(21) Appl. No.: **29/452,026**

“Bosch Tools” Aiko Technology Group, Inc., Aug. 15, 2012 [online], [retrieved on Jul. 27, 2014]. Retrieved from the Internet <URL: <http://aikotec.com/aikotec/wp-content/uploads/2012/08/WOOD-WORKING-OSCILATING-TOOLS.pdf>>.*

(22) Filed: **Apr. 11, 2013**

Primary Examiner — Philip S Hyder

(30) **Foreign Application Priority Data**

Assistant Examiner — Darlington Ly

Oct. 12, 2012 (EM) 002117820

(74) *Attorney, Agent, or Firm* — Maginot, Moore & Beck LLP

(51) **LOC (10) Cl.** **08-03**

(57) **CLAIM**

(52) **U.S. Cl.**

The ornamental design for an oscillator, as shown and described.

USPC **D8/70**

DESCRIPTION

(58) **Field of Classification Search**

CPC B25F 5/006; B24B 23/04; B24B 41/007;
B24B 41/042; B23D 47/005; B27B 19/006

FIG. 1 is a perspective view of an oscillator showing our new design;

USPC D8/61, 62, 67, 69, 70; 81/57, 57.11,
81/57.14, 57.26, 429, 464, 469; 173/2,
173/170, 176, 181; 30/167, 369

FIG. 2 is a front elevational view showing the design for the oscillator of FIG. 1;

See application file for complete search history.

FIG. 3 is a rear elevational view showing the design for the oscillator of FIG. 1;

(56) **References Cited**

U.S. PATENT DOCUMENTS

D476,870 S * 7/2003 Hayakawa et al. D8/61
D647,771 S * 11/2011 Schoch et al. D8/61
D650,254 S * 12/2011 Schoch D8/61
D658,464 S * 5/2012 Kawase et al. D8/61
D659,499 S * 5/2012 Okuda et al. D8/61
D683,202 S * 5/2013 Aglassinger D8/61

FIG. 4 is a right side elevational view showing the design for the oscillator of FIG. 1;

FIG. 5 is a left elevational view showing the design for the oscillator of FIG. 1;

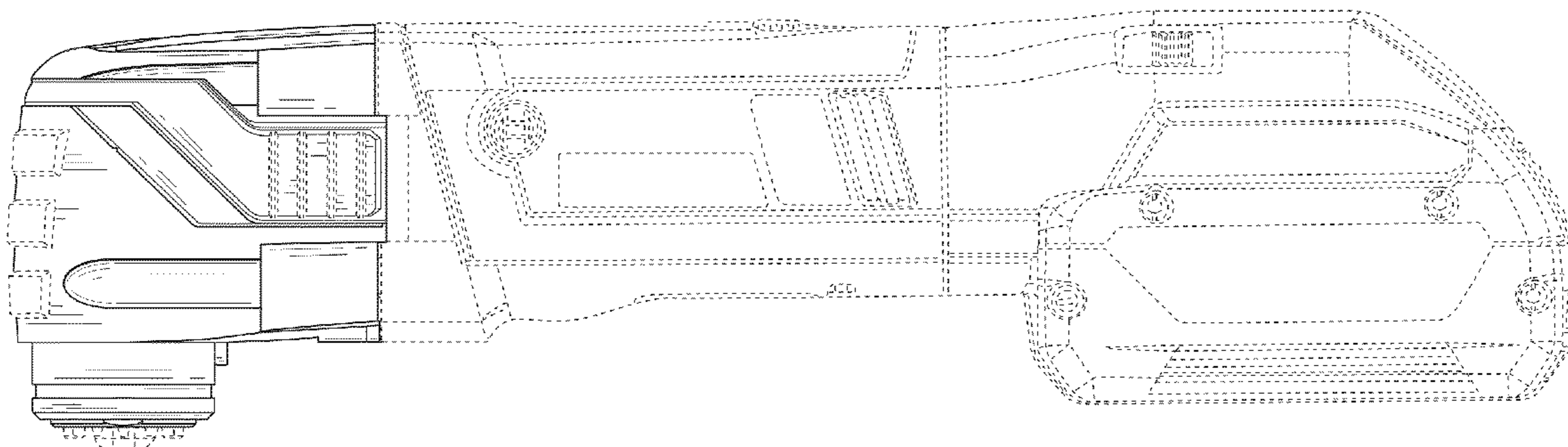
FIG. 6 is a top plan view showing the design for the oscillator of FIG. 1; and,

FIG. 7 is a bottom plan view showing the design for the oscillator of FIG. 1.

The broken lines shown in the drawings illustrate portions of the oscillator that form no part of the claimed design.

(Continued)

1 Claim, 7 Drawing Sheets



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(56)

References Cited

U.S. PATENT DOCUMENTS

D696,916 S * 1/2014 Takahashi et al. D8/61
D705,027 S * 5/2014 Vitantonio et al. D8/64
D705,626 S * 5/2014 Schoch D8/64
2013/0082449 A1* 4/2013 Bernardi et al. 279/141
2013/0192862 A1* 8/2013 Ceroll et al. 173/198

2014/0068952 A1* 3/2014 Soreo et al. 30/369
2014/0144662 A1* 5/2014 Zhou 173/213

FOREIGN PATENT DOCUMENTS

JP 2013198954 A * 10/2013 B25F 5/00
JP 2013244553 A * 12/2013 B25F 5/00

* cited by examiner

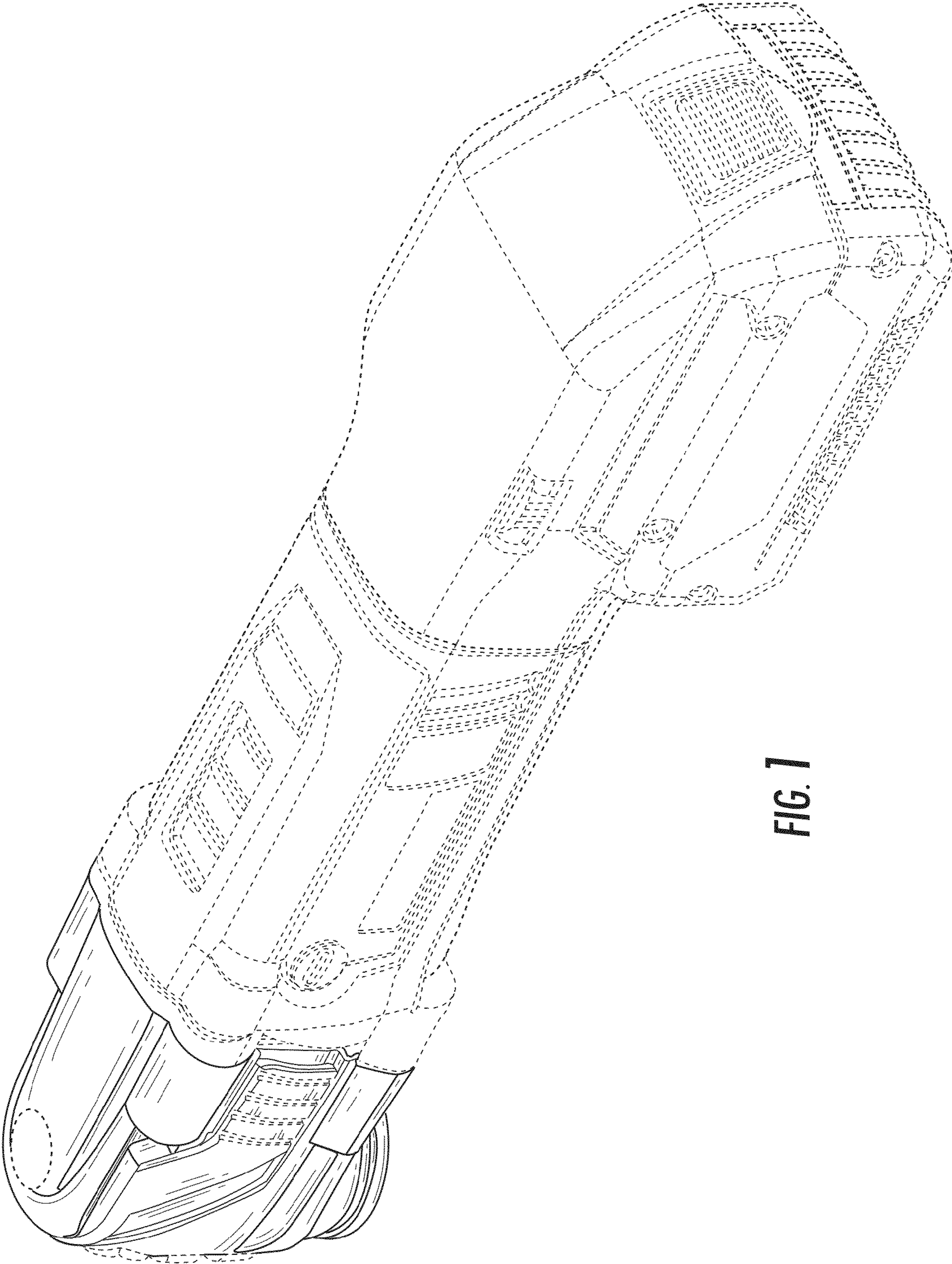


FIG. 1

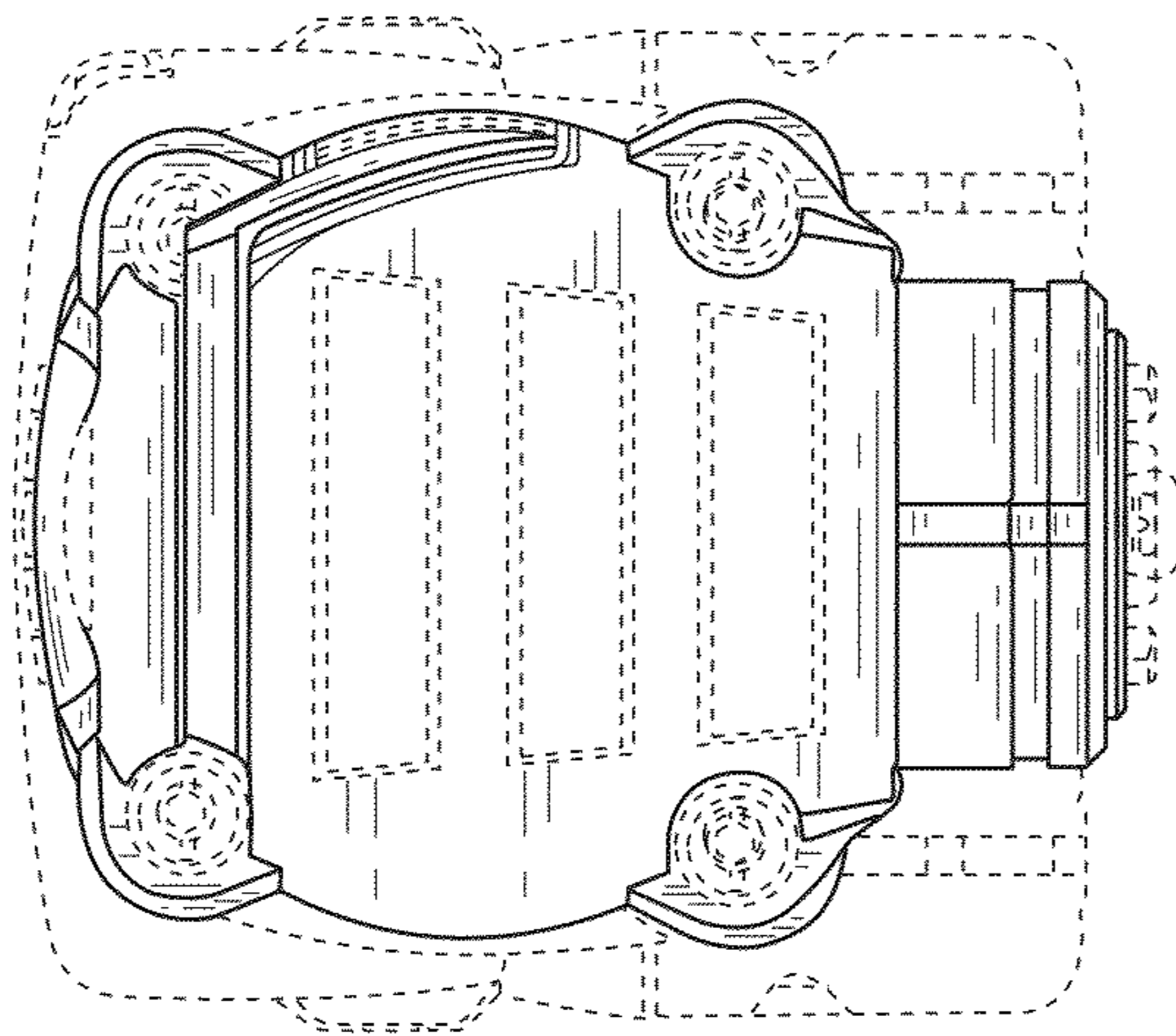


FIG. 2

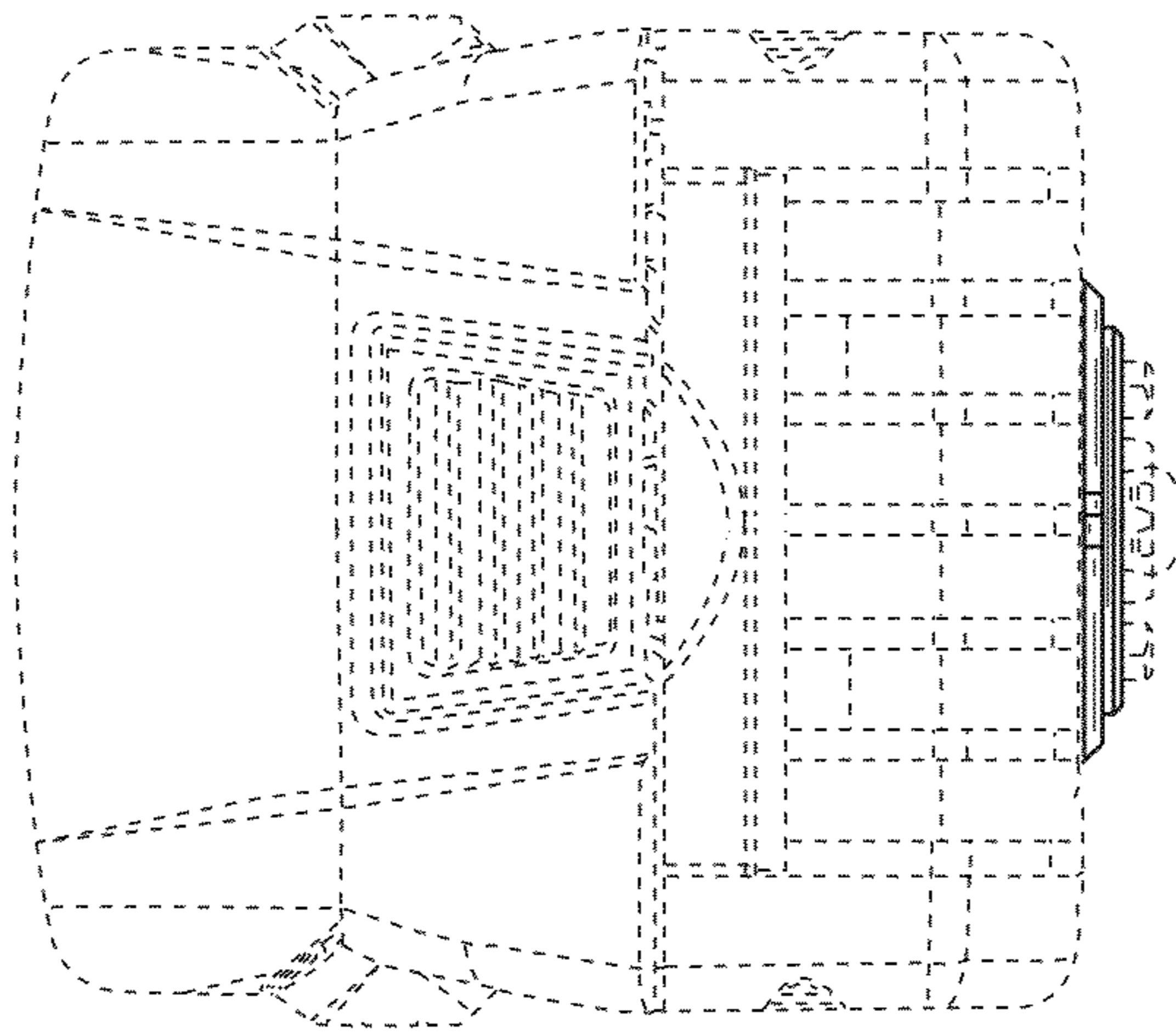


FIG. 3

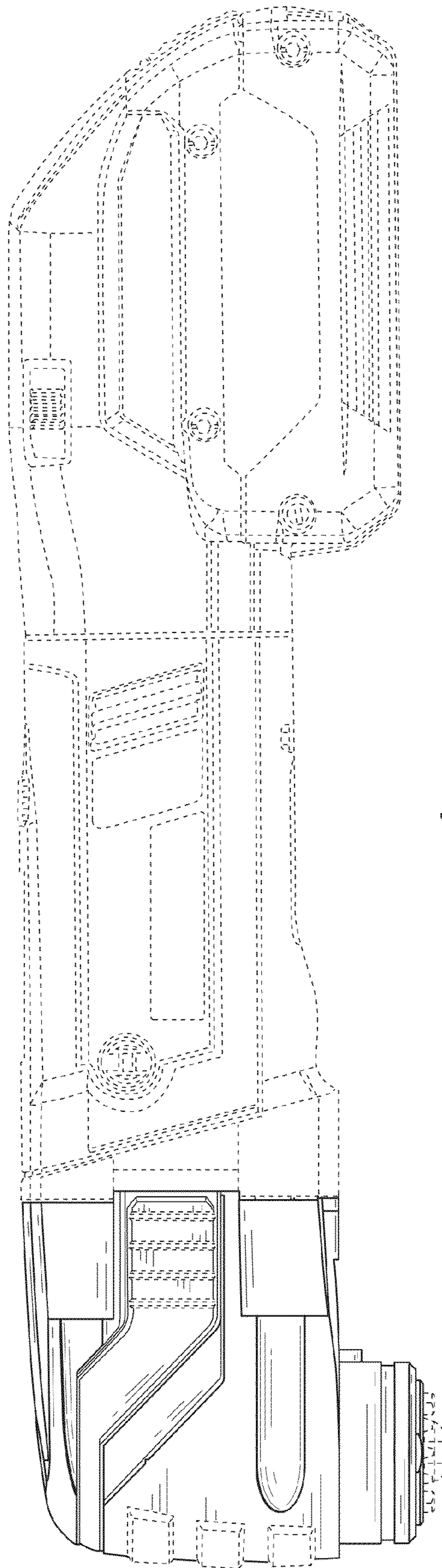


FIG. 4

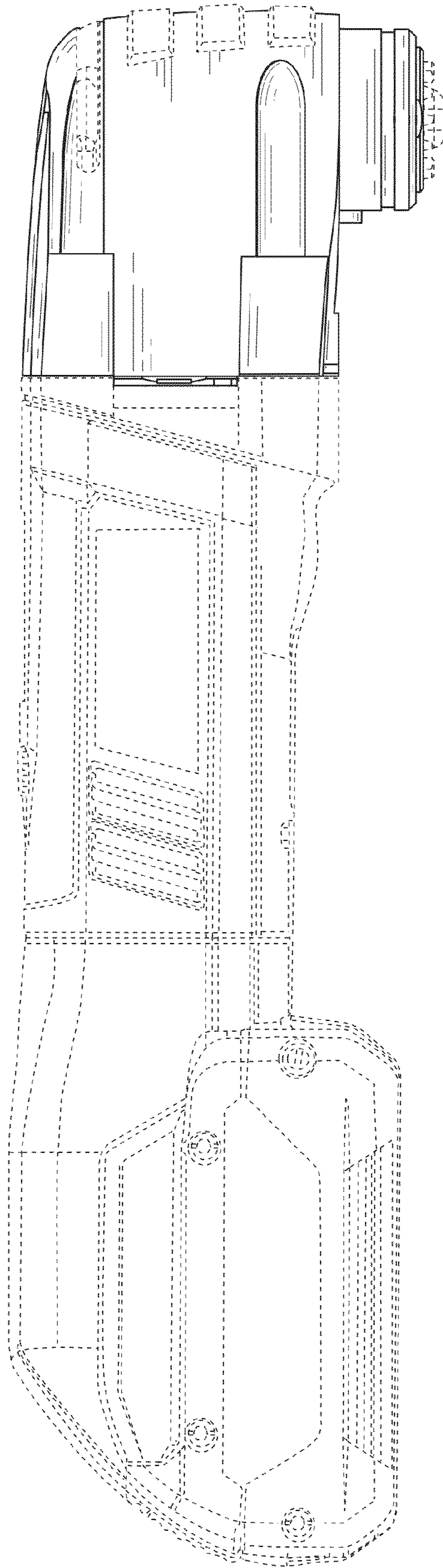


FIG. 5

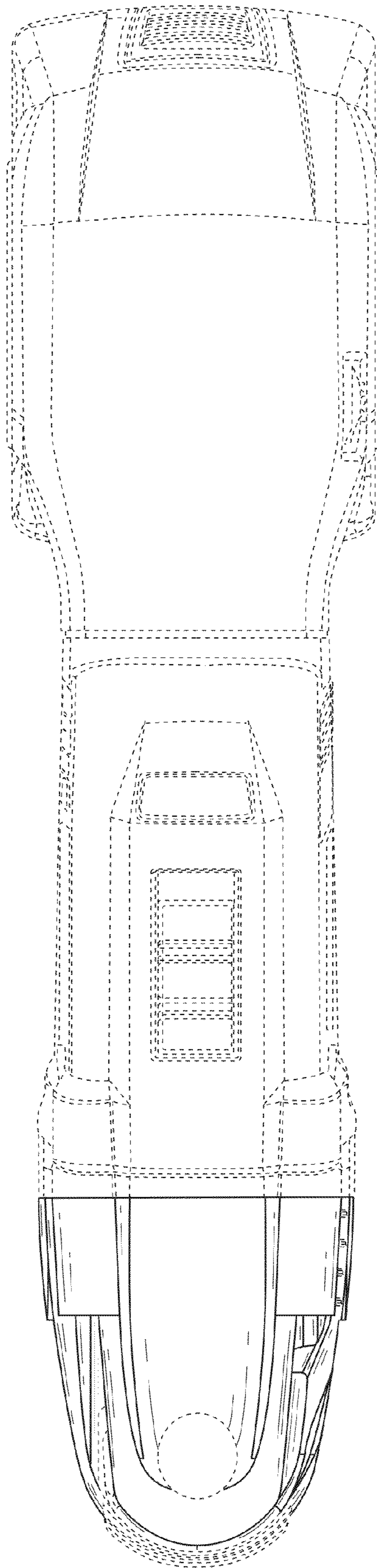


FIG. 6

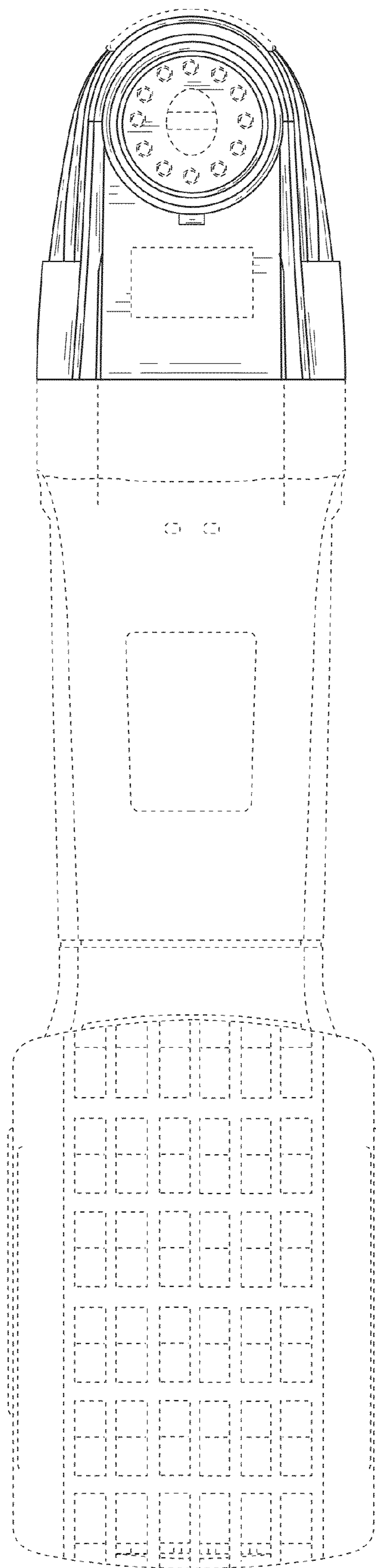


FIG. 7