

US00D947631S

(12) **United States Design Patent** (10) **Patent No.:** **US D947,631 S**
Yang et al. (45) **Date of Patent:** **** Apr. 5, 2022**

(54) **HEAT GUN** D641,220 S * 7/2011 Shi D8/29.1
7,982,163 B2 * 7/2011 Chung F24H 3/0423
219/242
(71) Applicant: **Zhejiang Prulde Electric Appliance** D664,820 S * 8/2012 Furling D8/29.1
Co., Ltd., Zhejiang (CN) 8,942,550 B1 * 1/2015 Carter F16M 11/10
392/379
(72) Inventors: **Weiming Yang, Zhejiang (CN); Ting** D740,629 S * 10/2015 Furling D8/29.1
Han, Zhejiang (CN) D803,649 S * 11/2017 van der Rest D8/68
(73) Assignee: **Zhejiang Prulde Electric Appliance**
Co., Ltd., Zhejiang (CN) (Continued)

FOREIGN PATENT DOCUMENTS

(**) Term: **15 Years** CN 305239540 * 7/2019
EM 006302311-0003 * 4/2019

(21) Appl. No.: **29/718,534**

OTHER PUBLICATIONS

(22) Filed: **Dec. 26, 2019**
(51) **LOC (13) Cl.** **08-05**
(52) **U.S. Cl.**
USPC **D8/29.1**
(58) **Field of Classification Search**
USPC D23/207, 213, 223, 225, 226, 356, 360;
D8/29.1
CPC .. B05B 5/025; B05B 5/03; B05B 5/16; B05B
5/1691; B05B 7/0018; B05B 7/0093;
B05B 7/02; B05B 7/06; B05B 7/062;
B05B 7/064; B05B 7/12; B05B 7/129;
B05B 7/24; B05B 7/2475; B05B 7/2478;
B05B 15/60; B05B 15/63; F24H 3/0423
See application file for complete search history.

Prulde HG0080 Hot Air Gun, May 20, 2019, Amazon, site visited
Aug. 30, 2021: <https://www.amazon.com/dp/B07S3XTDMZ/> (Year:
2019).*

(Continued)

Primary Examiner — Jack Reickel
Assistant Examiner — Bobby W Jones, II
(74) *Attorney, Agent, or Firm* — JCIP Global Inc.

(57) **CLAIM**

The ornamental design for a heat gun, as shown and
described.

DESCRIPTION

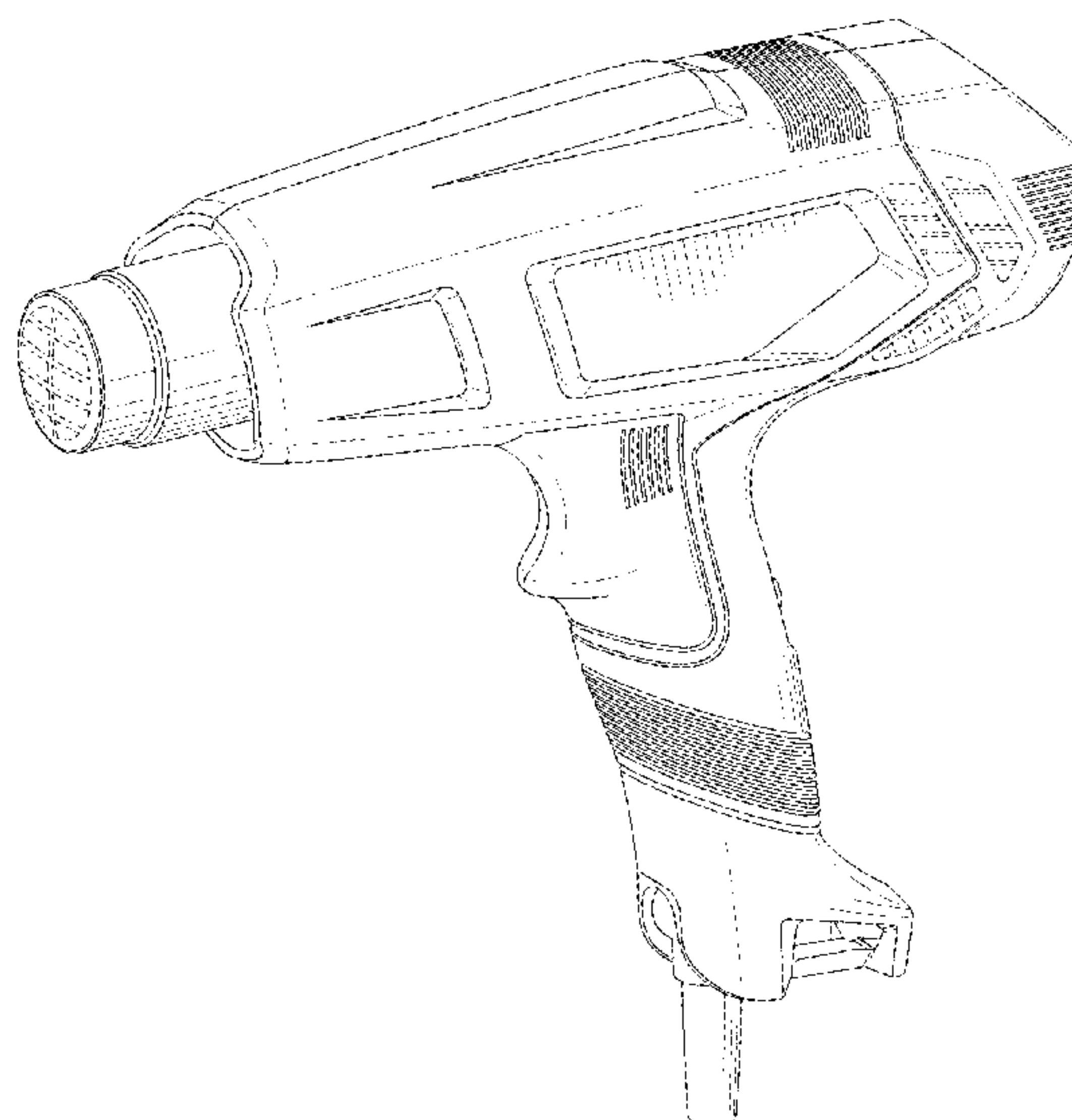
(56) **References Cited**

U.S. PATENT DOCUMENTS

4,629,864 A * 12/1986 Wilson F24H 3/0423
34/99
D296,070 S * 6/1988 Cunningham D28/13
D388,297 S * 12/1997 Bittenbender D8/29.1
D388,298 S * 12/1997 Jerdee D8/29.1
D516,883 S * 3/2006 Popov D8/29.1
D617,618 S * 6/2010 Steinel D8/29.1
D639,129 S * 6/2011 Van Wambeke D8/29.1
7,964,822 B2 * 6/2011 Suen B44D 3/166
219/228

FIG. 1 is a perspective view of a heat gun showing our 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 broken lines in drawings represent portions of the heat
gun that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

D829,519 S * 10/2018 Teraoka D8/29.1
D846,963 S * 4/2019 van der Rest D8/68
D867,842 S * 11/2019 Shimazu D8/29.1
D928,574 S * 8/2021 Zheng D8/29.1
2003/0235462 A1 * 12/2003 Cheng F24H 9/06
403/329
2010/0212095 A1 * 8/2010 Suen B44D 3/164
15/105
2013/0228232 A1 * 9/2013 Chen F24H 3/0423
137/335
2016/0201945 A1 * 7/2016 Han F24H 3/0423
392/385
2016/0363345 A1 * 12/2016 Calman F24H 3/0423
2017/0095049 A1 * 4/2017 Yifrach F23D 14/64
2018/0142920 A1 * 5/2018 Chen F23D 14/56
2019/0309988 A1 * 10/2019 Han F24H 3/0423

OTHER PUBLICATIONS

Genesis GHG1500A, Mar. 10, 2014, Amazon, site visited Aug. 30, 2021: <https://www.amazon.ca/dp/B00EU2T8GG/> (Year: 2014).*
Bosch 06032A6070 Heat Gun, Sep. 25, 2018, Amazon, site visited Aug. 30, 2021: <https://www.amazon.co.uk/dp/B07HNB9WP2/> (Year: 2018).*

* cited by examiner

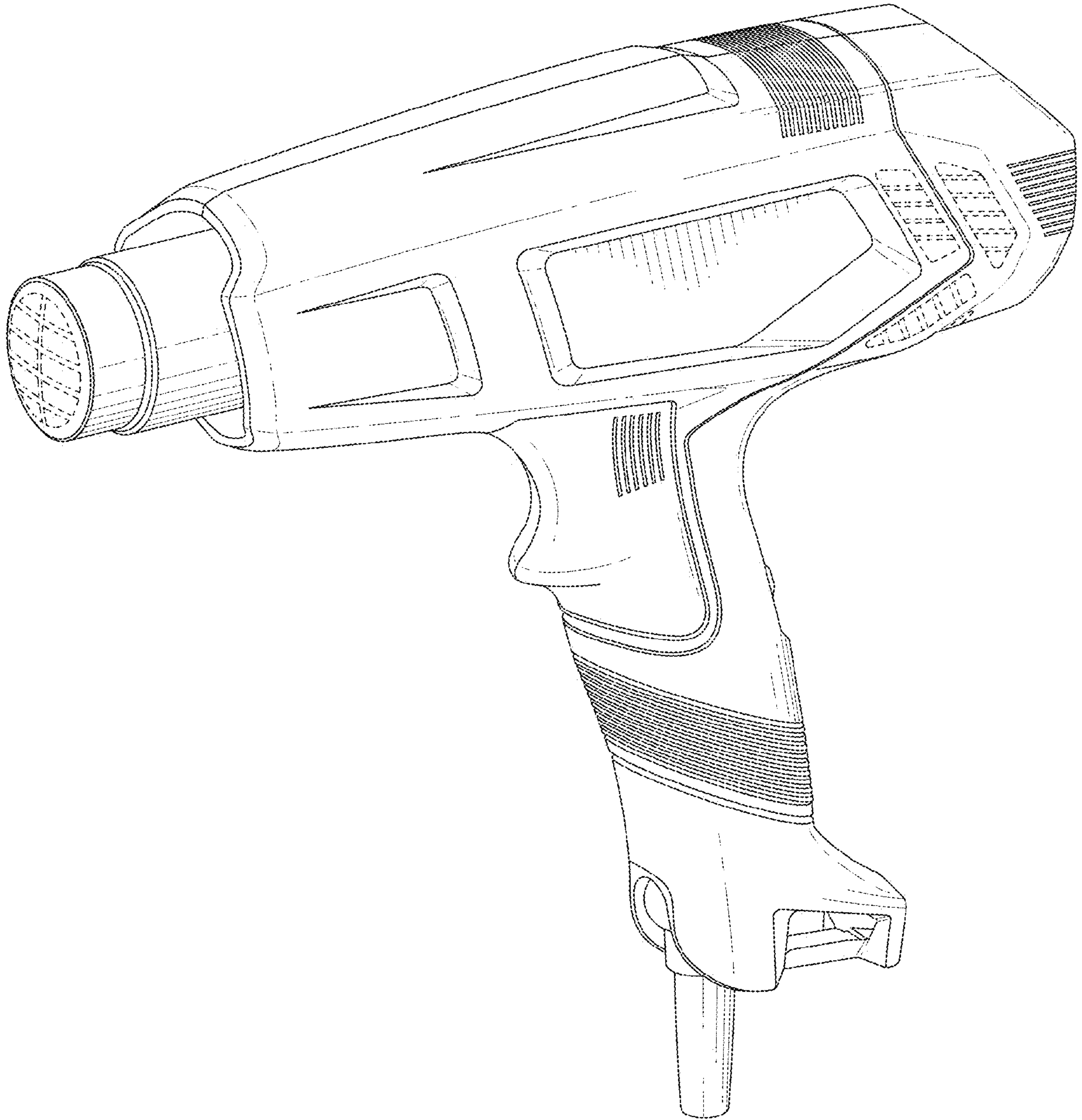


FIG. 1

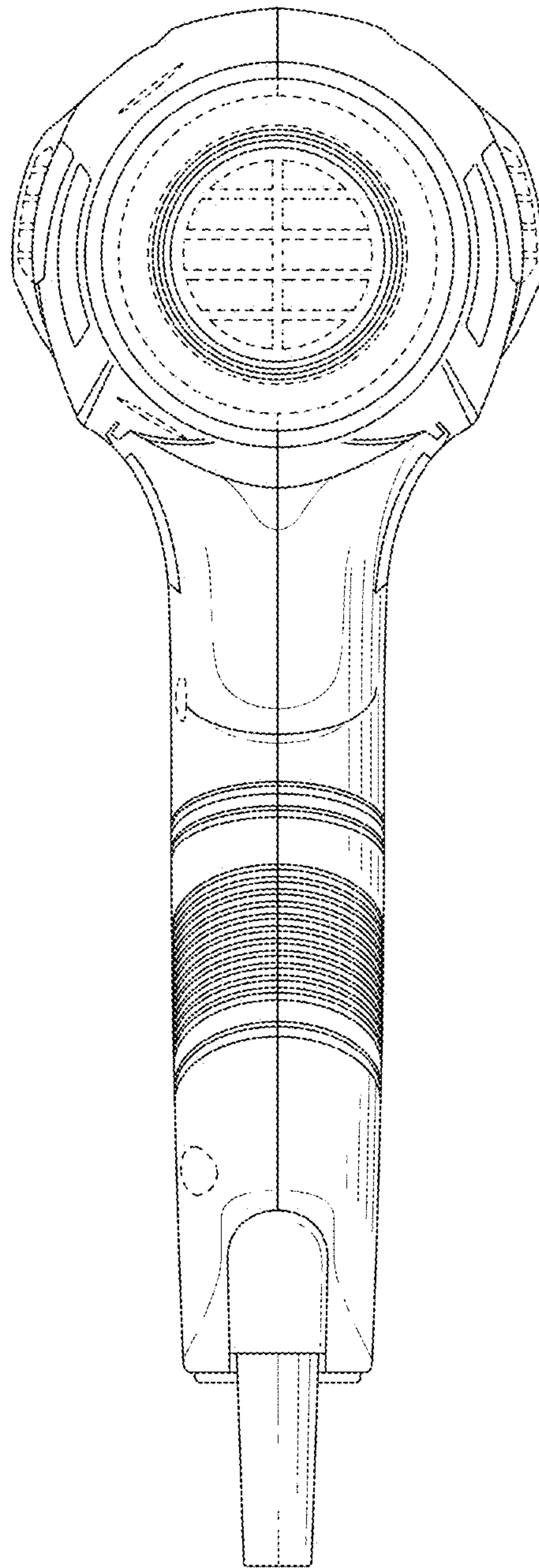


FIG. 2

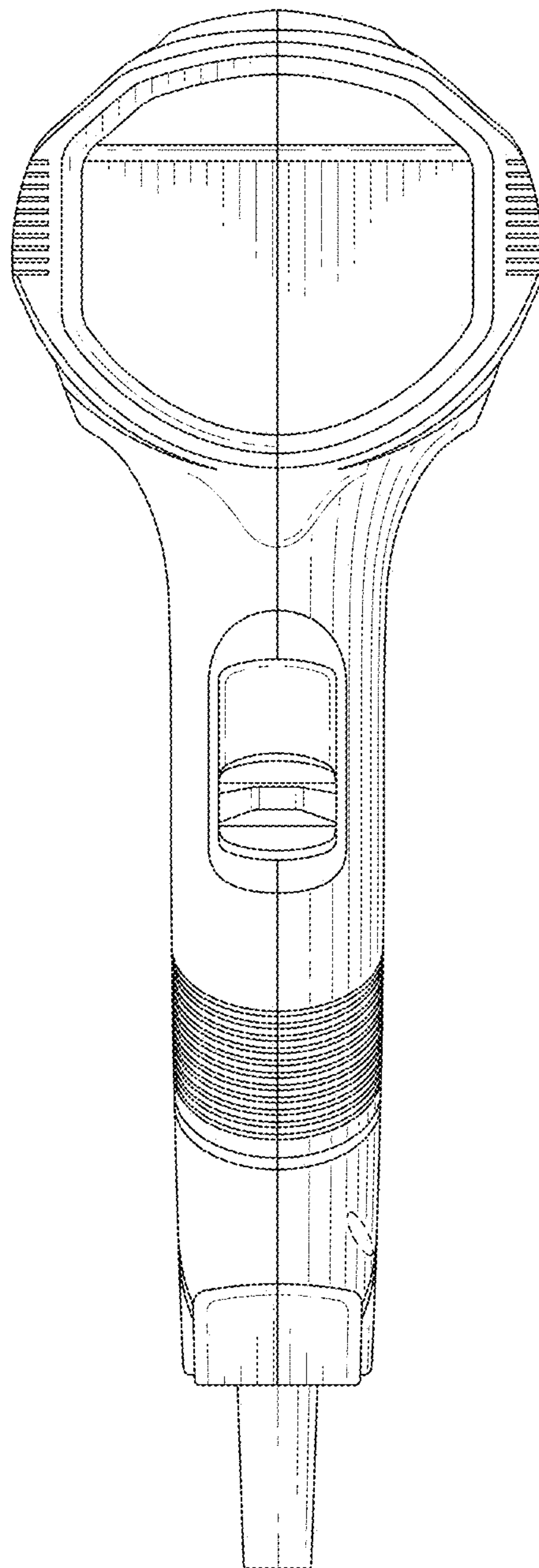


FIG. 3

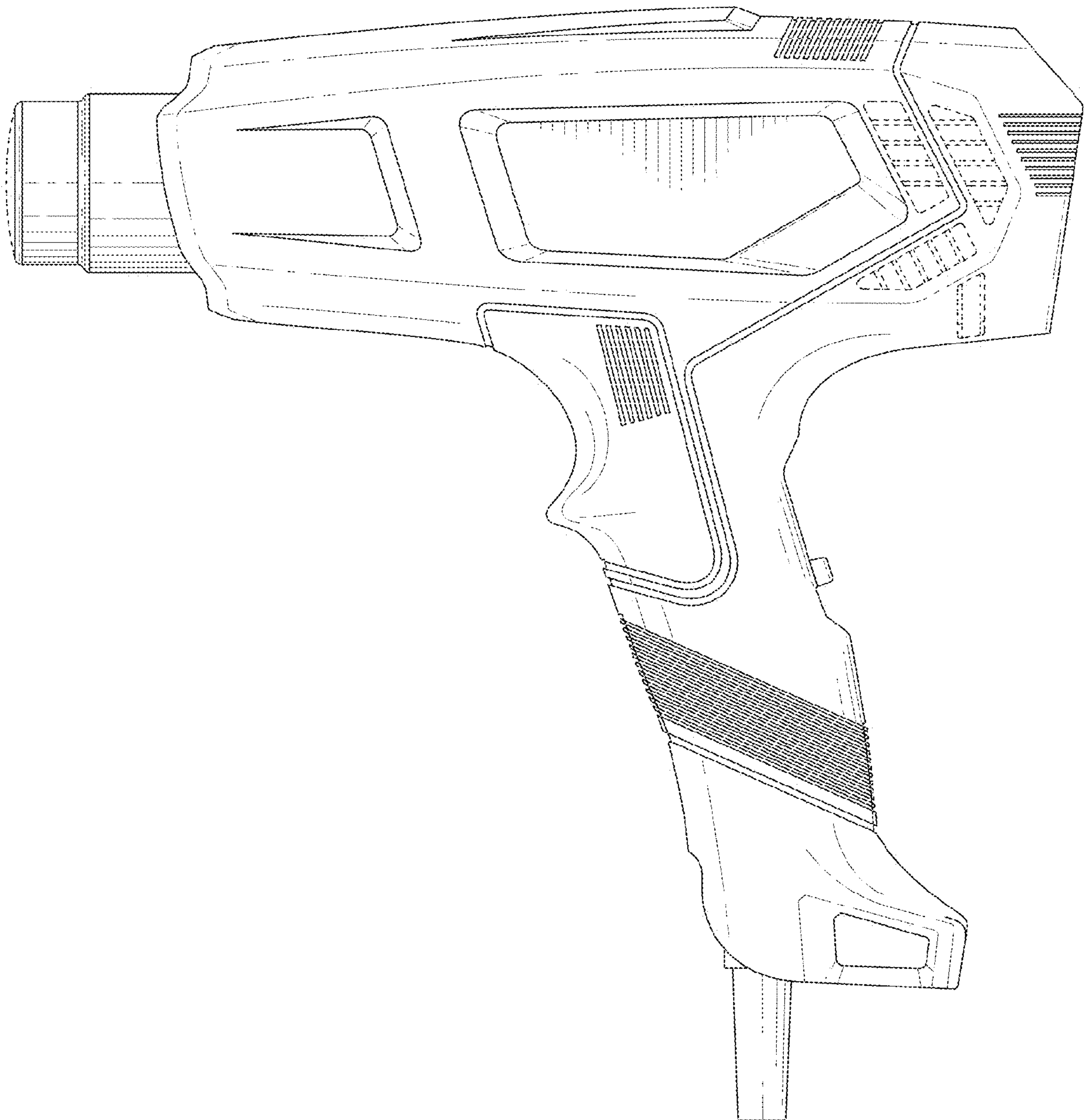


FIG. 4

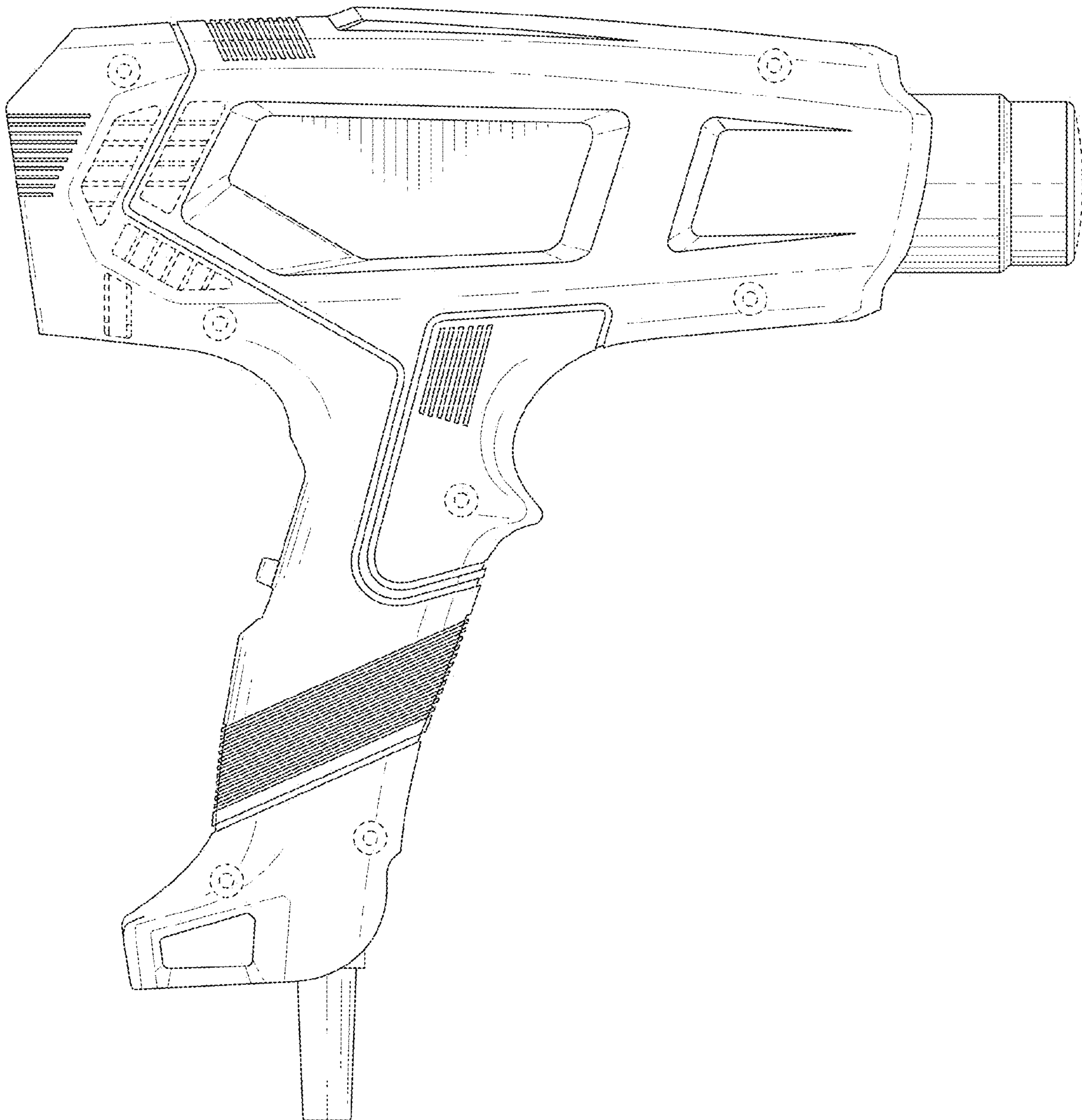


FIG. 5

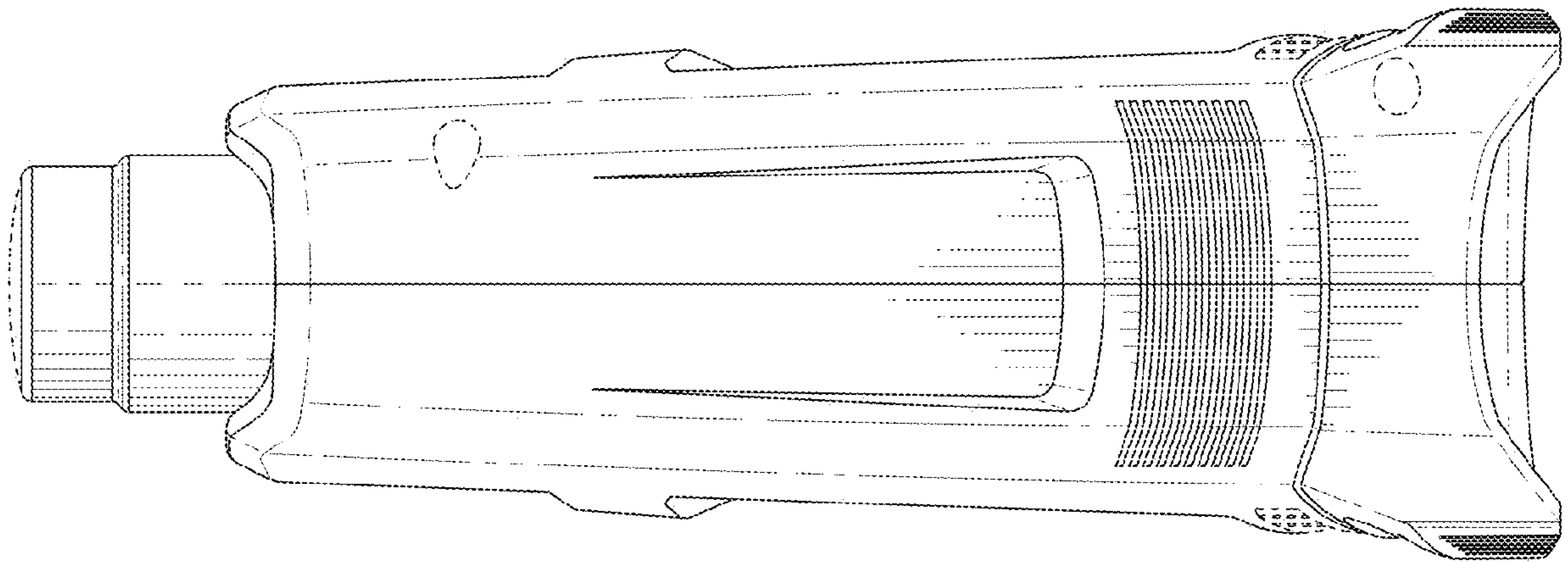


FIG. 6

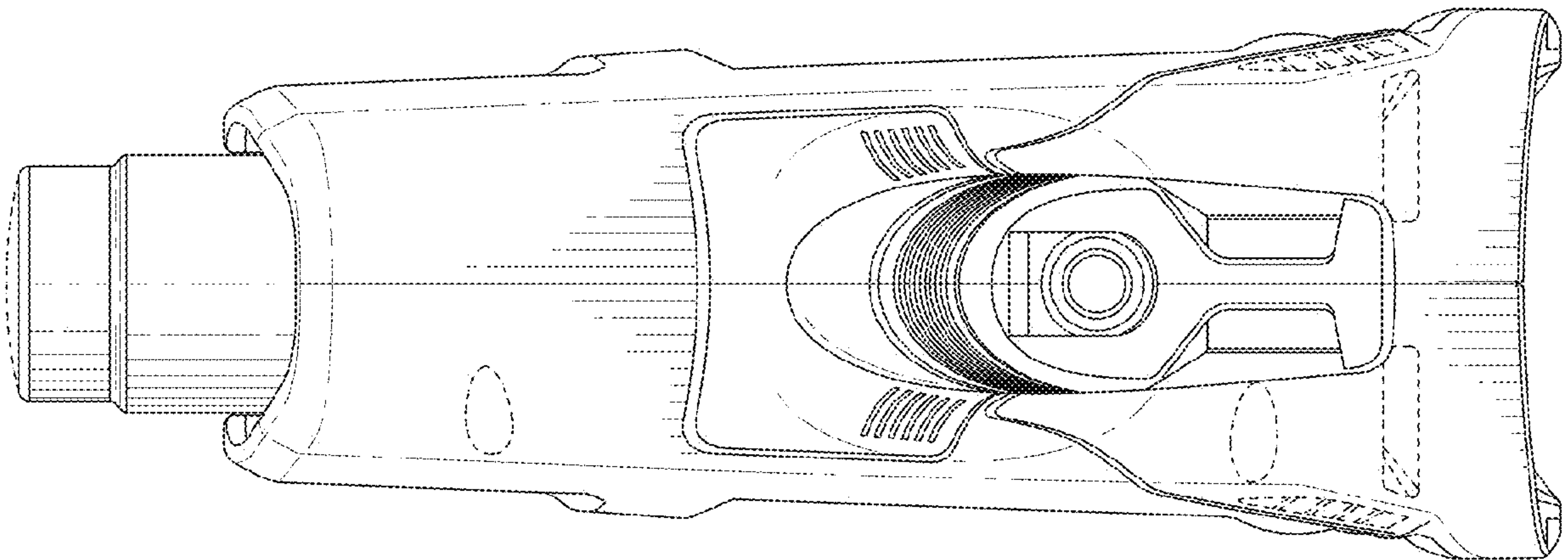


FIG. 7