



US00D867842S

(12) **United States Design Patent** (10) **Patent No.:** **US D867,842 S**  
**Shimazu et al.** (45) **Date of Patent:** **\*\* Nov. 26, 2019**

(54) **HOT AIR GUN**(71) Applicant: **Leister Technologies AG**, Kaguswil  
(CH)(72) Inventors: **Haruka Shimazu**, Adligewil (CH);  
**Adam Warkiewicz**, Bichelsee (CH)(73) Assignee: **Leister Technologies AG**, Kaguswil  
(CH)(\*\*) Term: **15 Years**(21) Appl. No.: **29/665,418**(22) Filed: **Oct. 3, 2018**(30) **Foreign Application Priority Data**

Apr. 25, 2018 (EM) ..... 00528457-0001  
(51) LOC (12) Cl. ..... **08-05**  
(52) U.S. Cl.  
USPC ..... **D8/29.1; D15/144**  
(58) Field of Classification Search  
USPC ..... D7/416; D8/29, 29.1, 29.2, 30, 68, 107;  
D15/144, 144.1, 144.2; D27/139, 154,  
D27/157; D23/223; D28/13, 17, 61, 67,  
D28/68  
CPC ..... A45D 20/08; A45D 20/10; F24H 3/00;  
F24H 3/0423; F16M 13/00

See application file for complete search history.

(56) **References Cited**

## U.S. PATENT DOCUMENTS

D274,551 S \* 7/1984 Benjamin ..... D28/13  
D296,070 S \* 6/1988 Cunningham ..... D28/13  
D297,397 S \* 8/1988 Pagani ..... D8/29.1  
D297,398 S \* 8/1988 Pagani ..... D8/29.1  
D334,876 S \* 4/1993 Swetish ..... D8/29.1  
D388,297 S \* 12/1997 Buttenbender ..... D8/29.1  
D456,679 S \* 5/2002 Cheng ..... D8/29.1  
D457,043 S \* 5/2002 Cheng ..... D8/29.1

D457,044 S \* 5/2002 Cheng ..... D8/29.1  
D457,407 S \* 5/2002 Pretzell ..... D8/29.1  
D481,277 S \* 10/2003 Waldron ..... D8/29.1  
D516,883 S \* 3/2006 Popov ..... D8/29.1

(Continued)

## OTHER PUBLICATIONS

RexBeti Heat Gun, posted on letgo.com, posted Jun. 2019, [online],  
[stie visted Jul. 15, 2019], Available from Internet, URL: https://  
us.letgo.com/en/i/heat-gun-portable-1500w-dual-temperature-hot-  
air-gun-525-932-by-rexbeti-7-accessories-for-heat-shrink-tubing\_  
6bb0b255-ae7b-4edd-aef3-7180cb1 (Year: 2019).\*

(Continued)

*Primary Examiner* — Garth Rademaker*Assistant Examiner* — Fitzgerald L Butac(74) *Attorney, Agent, or Firm* — Charles H. Jew(57) **CLAIM**

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

**DESCRIPTION**

The file of this patent application contains at least one drawings/photograph executed in color. Copies of this patent with color drawing(s)/photograph(s) will be provided by the Patent and Trademark Office upon request and payment of the necessary fee.

FIG. 1 is a right side elevational view of a hot air gun showing our design;

FIG. 2 is a left side elevational view thereof;

FIG. 3 is a top plan view thereof;

FIG. 4 is a bottom plan view thereof;

FIG. 5 is a front elevational view thereof;

FIG. 6 is a rear elevational view thereof; and,

FIG. 7 is a front perspective view thereof.

The green, blue and black colors shown in the drawings form part of the design.

**1 Claim, 4 Drawing Sheets**  
**(4 of 4 Drawing Sheet(s) Filed in Color)**



(56)

**References Cited****U.S. PATENT DOCUMENTS**

D572,097	S *	7/2008	Yung-Kuan .....	D28/13
D615,834	S *	5/2010	Netzler .....	D8/29.1
D615,835	S *	5/2010	Netzler .....	D8/29.1
D617,618	S *	6/2010	Steinel .....	D28/13
D639,129	S *	6/2011	Van Wambeke .....	D8/29.1
D641,220	S *	7/2011	Shi .....	D8/29.1
7,982,163	B2 *	7/2011	Chung .....	F24H 3/0423 219/227
D664,820	S *	8/2012	Furling .....	D8/29.1
D679,561	S *	4/2013	Price .....	D8/29.1
D709,745	S *	7/2014	Radwill .....	D8/29.1
D710,165	S *	8/2014	Radwill .....	D8/29.1
D740,629	S *	10/2015	Furling .....	D8/29.1
D742,708	S *	11/2015	Howell .....	D8/29.1
D745,636	S *	12/2015	Lin .....	D23/226
D746,653	S *	1/2016	Furling .....	D8/29.1
D771,454	S *	11/2016	Steinel .....	D8/29.1
D799,637	S *	10/2017	Tschan .....	D23/223
D803,649	S *	11/2017	van der Rest .....	D8/68
D829,519	S *	10/2018	Teraoka .....	D8/29.1

D846,963	S *	4/2019	van der Rest .....	D8/68
2013/0228232	A1 *	9/2013	Chen .....	F24H 9/00 137/335
2013/0230816	A1 *	9/2013	Chen .....	F24H 3/02 432/222

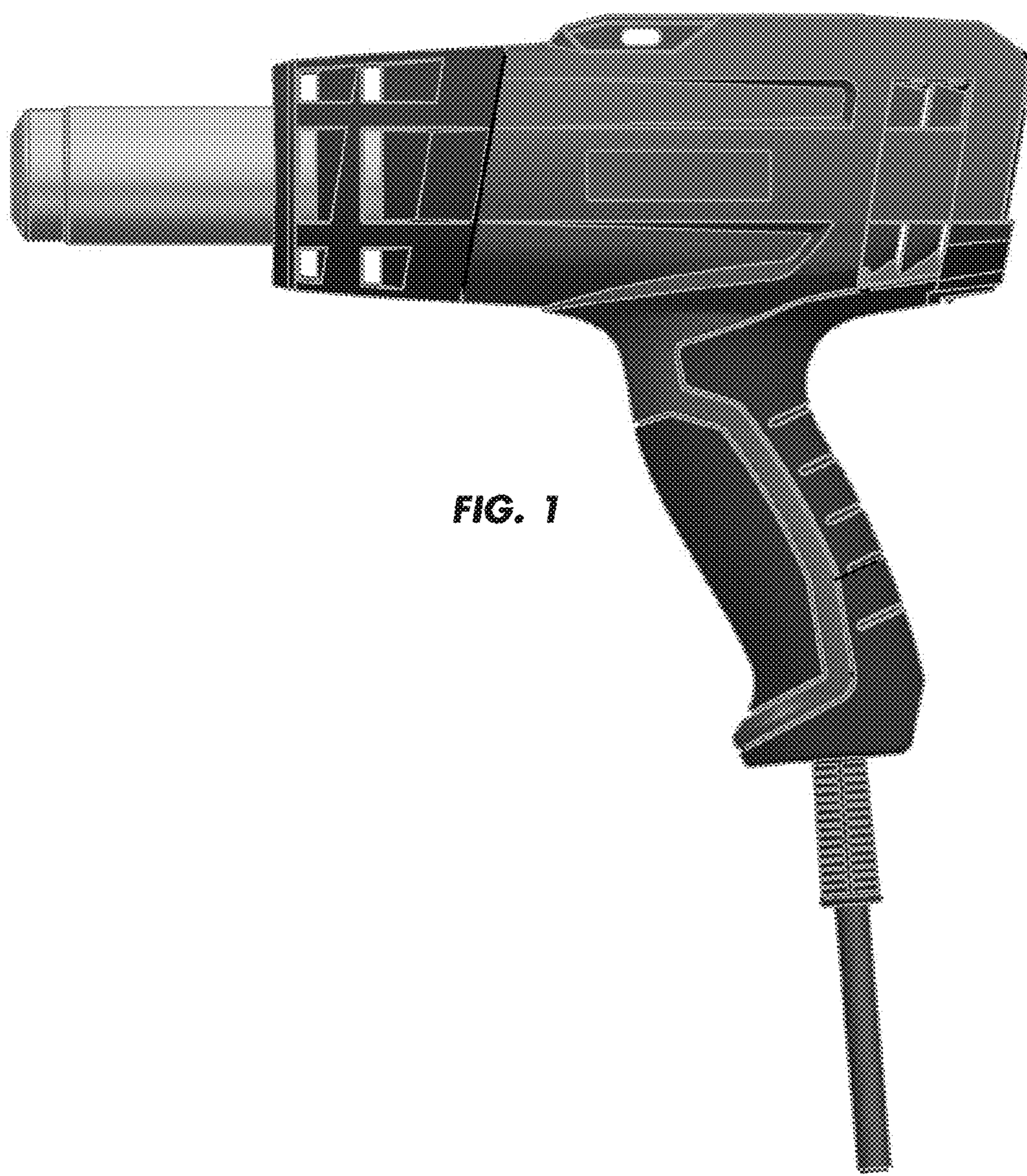
**OTHER PUBLICATIONS**

Wagner Furno 500 Heat Gun, posted on homedepot.com, earliest review Feb. 2012, no production date given, [online], [site visited Jul. 15, 2019], Available from Internet, URL: <https://www.homedepot.com/p/Wagner-Furno-500-Heat-Gun-0503063/206723949> (Year: 2012).\*

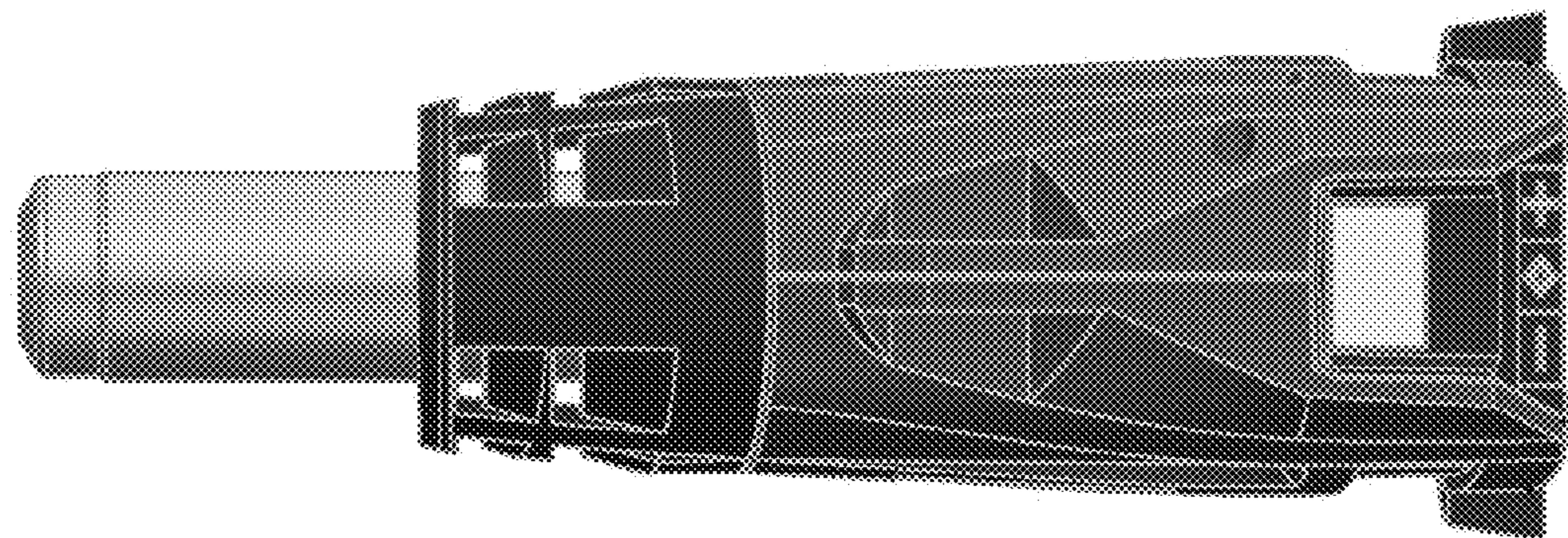
Porter-Cable Heat Gun, posted on lowes.com, earliest review Mar. 2011, no production date given, [online], [site visited Jul. 15, 2019], Available from Internet, URL: <https://www.lowes.com/pd/PORTER-CABLE-Heat-Gun/3341122> (Year: 2011).\*

Hot Air Heat Gun, posted on alibaba.com, no posted date given, no production date given, [online], [site visited Jul. 15, 2019], Available from Internet, URL: [https://www.alibaba.com/product-detail/AC-220V-1800W-Hot-Air-Heat\\_1115726389.html?spm=a2700.7724857.normalList.13.6ae456afIltXNU&s=p](https://www.alibaba.com/product-detail/AC-220V-1800W-Hot-Air-Heat_1115726389.html?spm=a2700.7724857.normalList.13.6ae456afIltXNU&s=p) (Year: 2019).\*

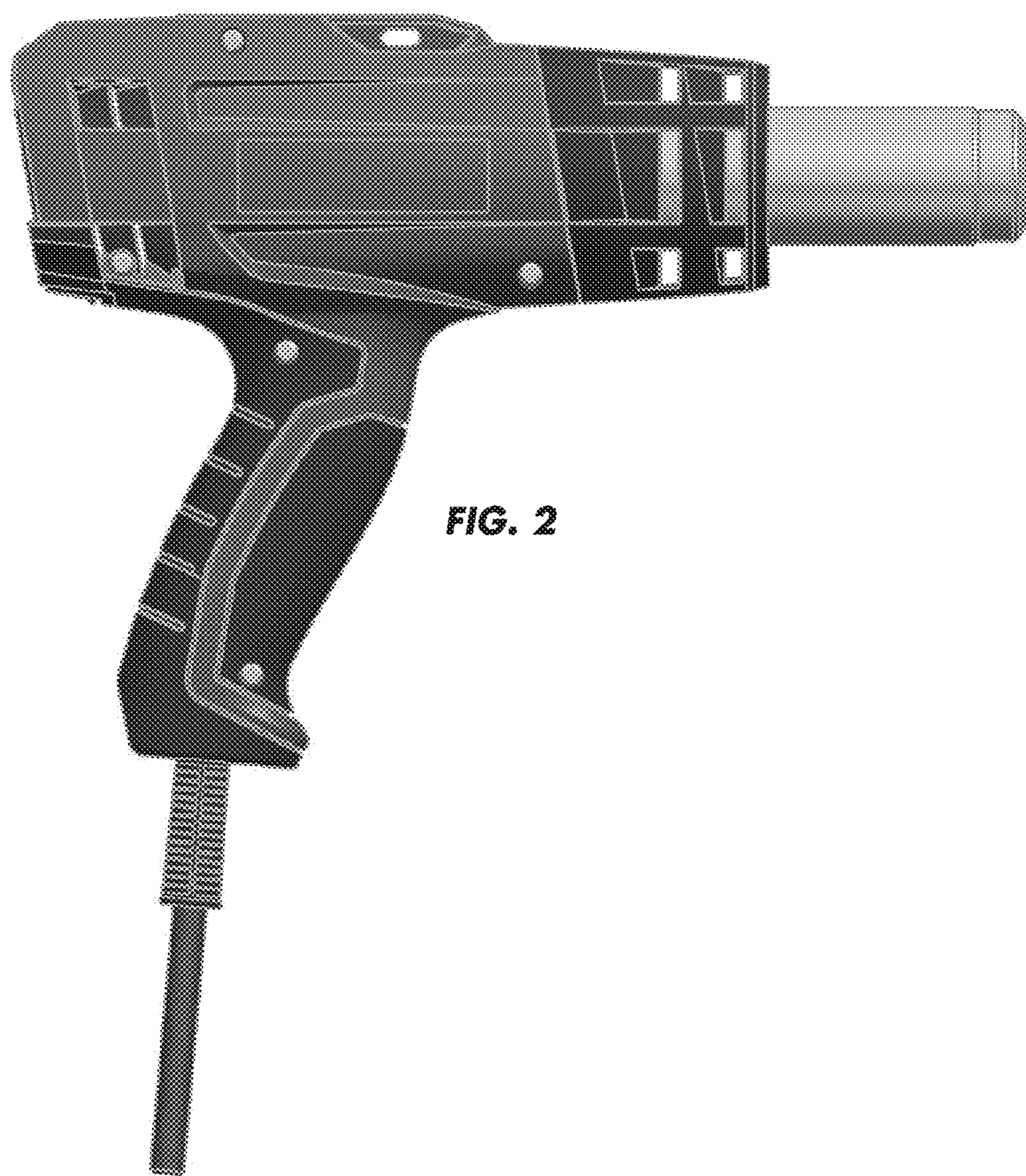
\* cited by examiner



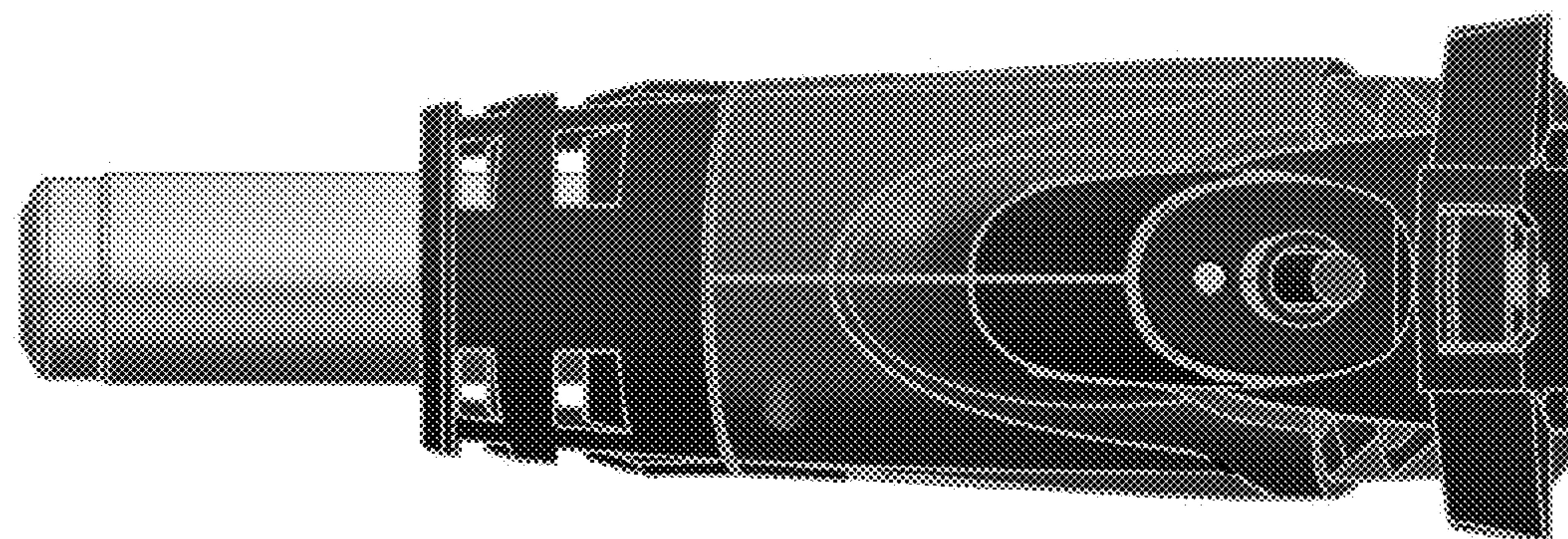
**FIG. 1**



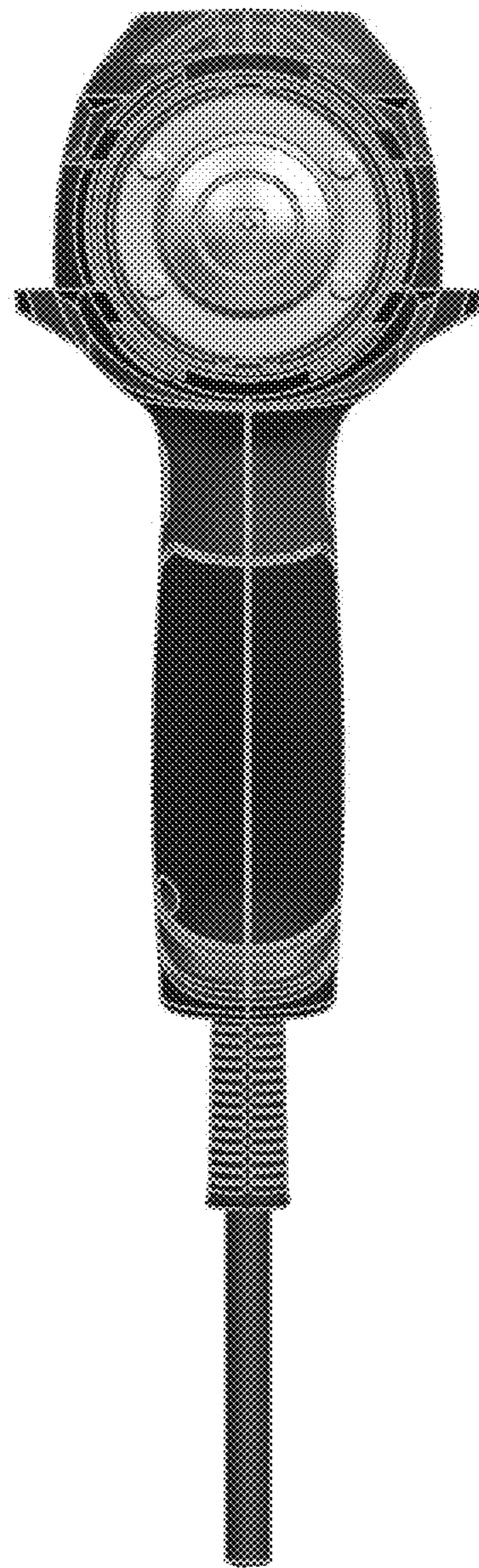
**FIG. 3**



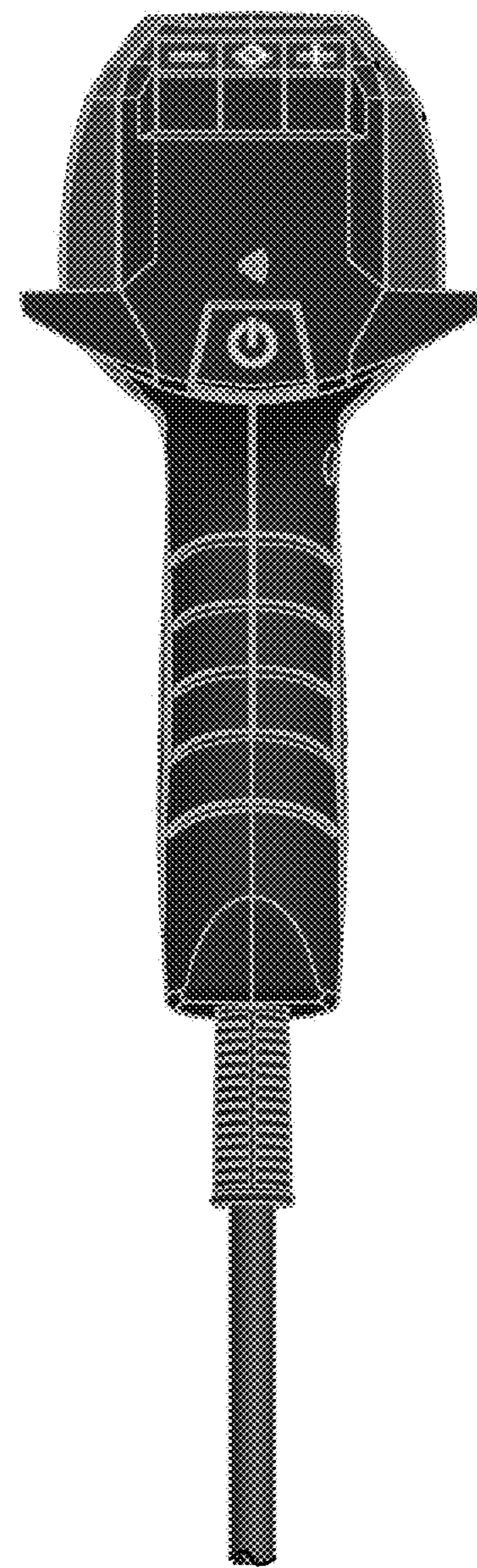
**FIG. 2**



**FIG. 4**



**FIG. 5**



**FIG. 6**



**FIG. 7**