



US00D853216S

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

(10) **Patent No.:** **US D853,216 S**

(45) **Date of Patent:** **** Jul. 9, 2019**

(54) **POWER TOOL**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **TTI (MACAO COMMERCIAL OFFSHORE) LIMITED**, Macau (MO)

EP 000683503-0001 6/2007
EP 000849468-0001 2/2008

(Continued)

(72) Inventors: **William Saunders**, Anderson, SC (US); **David Wikle**, Easley, SC (US); **James Patton**, Anderson, SC (US); **Denis Fauteux**, Tsing Yi (HK); **Raymond Lee**, Shatin (HK); **Joe Zhao**, Dongguan (CN); **JG Zhao**, Dongguan (CN); **Jason Lishengping**, Dongguan (CN)

OTHER PUBLICATIONS

Ryobi 18 Volt Compact Lithium Ion 1.5 Ah Battery, <https://www.amazon.com/Ryobi-P107-Compact-Lithium-Battery/dp/B00AV250JS/ref=sr_1_4?s=power-hand-tool&ie=UTF8&qid=1511132965&sr=1-4&keywords=ryobi+18v+batt> Ryobi, first available on amazon.com Dec. 31, 2012.

(Continued)

(73) Assignee: **TTI (MACAO COMMERCIAL OFFSHORE) LIMITED**, Macau (MO)

Primary Examiner — Darlington Ly
(74) *Attorney, Agent, or Firm* — Michael Best & Friedrich LLP

(**) Term: **15 Years**

(21) Appl. No.: **29/610,781**

(22) Filed: **Jul. 14, 2017**

(57) **CLAIM**

We claim the ornamental design for a power tool, as shown and described.

(30) **Foreign Application Priority Data**

Jan. 17, 2017 (CN) 2017 3 0017685

(51) **LOC (11) Cl.** **08-05**

(52) **U.S. Cl.**
USPC **D8/68**

(58) **Field of Classification Search**
USPC D8/61, 67, 68
CPC B62D 23/005; B62D 29/00; B62D 29/043;
B62D 31/00; B62D 33/046; B62D 35/00;
B62D 35/001; B60Q 1/0005
See application file for complete search history.

DESCRIPTION

FIG. 1 is a front perspective view of a power tool showing our new design in accordance to a first embodiment; FIG. 2 is a front elevation view thereof; FIG. 3 is a rear elevation view thereof; FIG. 4 is a left side elevation view thereof; FIG. 5 is a right side elevation view thereof; FIG. 6 is a top plan view thereof; FIG. 7 is a bottom plan view thereof; and, FIG. 8 is an enlarged cross-sectional view thereof, in which the section cut plane is indicated by line 8-8 in FIG. 2. The present application is directed to the design illustrated in the figures. The broken lines shown in the figures illustrate portions of the power tool and form no part of the claimed design.

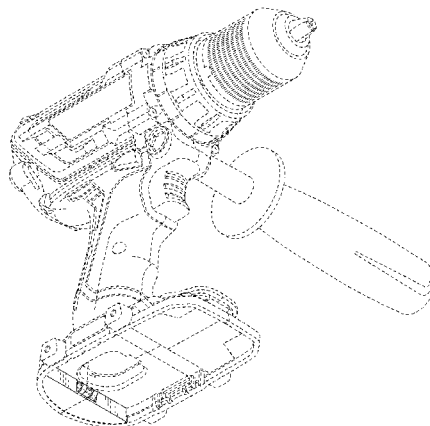
(56) **References Cited**

U.S. PATENT DOCUMENTS

D306,573 S 3/1990 Schultz
D306,574 S 3/1990 Schultz
D320,918 S 10/1991 Mochida
D342,479 S 12/1993 Kimata
D350,111 S 8/1994 Okumura

(Continued)

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D378,654 S	4/1997	Matsuoka et al.	D598,373 S	8/2009	Aglassinger
5,783,998 A	7/1998	Nakajou et al.	D604,583 S	11/2009	Yamamoto et al.
D397,991 S	9/1998	Kawakami et al.	D604,694 S	11/2009	Aglassinger
D412,485 S	8/1999	Kato et al.	D604,695 S	11/2009	Aglassinger
D432,077 S	10/2000	Zurwelle et al.	D606,935 S	12/2009	Murayama et al.
D435,013 S	12/2000	Clowers et al.	D607,814 S	1/2010	Tsuzuki et al.
D436,917 S	1/2001	Hayakawa et al.	D610,082 S	2/2010	Sweeney
D442,452 S	5/2001	Stirm et al.	D610,478 S	2/2010	Bast
D491,438 S	6/2001	Cheung et al.	7,719,234 B2	5/2010	Carrier et al.
6,357,533 B1	3/2002	Buchholz et al.	7,723,952 B2	5/2010	Phillips et al.
D456,002 S	4/2002	Kato et al.	D622,660 S	8/2010	Taniguchi et al.
D466,777 S *	12/2002	Watson D8/68	D622,661 S	8/2010	Yamada et al.
D466,779 S *	12/2002	Shibata D8/68	7,801,651 B2	9/2010	Iwers
D466,781 S *	12/2002	Matsuoka D8/68	D628,454 S *	12/2010	Misaki D8/68
D466,863 S	12/2002	Zurwelle et al.	7,868,591 B2	1/2011	Phillips et al.
D471,865 S	3/2003	Garvis et al.	D633,036 S	2/2011	Murray
D474,445 S	5/2003	Matsuoka et al.	D639,730 S	6/2011	Kawase
D477,811 S	7/2003	Niwa et al.	D640,196 S	6/2011	Shuang et al.
D481,672 S	11/2003	Niwa et al.	D640,197 S	6/2011	Park et al.
D483,012 S	12/2003	Hsu	D640,975 S	7/2011	Okuda et al.
D484,458 S	12/2003	Garvis et al.	D642,037 S *	7/2011	Miller D8/68
D484,850 S	1/2004	Johnson	D646,136 S	10/2011	Aglassinger
D487,426 S	3/2004	Johnson	D646,947 S *	10/2011	Lopano D8/68
D502,377 S	3/2005	Aglassinger	D651,560 S	1/2012	Park et al.
D504,111 S	4/2005	Ozawa et al.	8,129,955 B2	3/2012	White et al.
D504,394 S	4/2005	Cheung et al.	D657,307 S	4/2012	Zhao et al.
6,913,087 B1	7/2005	Brotto et al.	D658,578 S	5/2012	Davis
D508,643 S *	8/2005	Concari D8/68	D663,183 S	7/2012	Sell
D510,317 S	10/2005	Sun	D670,989 S *	11/2012	Kawase D8/61
D511,744 S	11/2005	Hsu et al.	8,319,475 B2	11/2012	Choski et al.
D512,373 S	12/2005	Tsai et al.	D675,500 S *	2/2013	Taniguchi D8/68
D512,961 S	12/2005	Okuda et al.	D676,731 S	2/2013	Aglassinger
6,971,456 B2	12/2005	Yamada et al.	D678,025 S *	3/2013	Naksen D8/68
D513,730 S	1/2006	Johnson	D678,744 S *	3/2013	Aoki D8/68
D514,060 S	1/2006	Wong et al.	D679,161 S *	4/2013	Kawase D8/61
D515,377 S *	2/2006	Chung D8/68	D679,651 S	4/2013	Stratford
D516,504 S	3/2006	Okuda et al.	D682,192 S	5/2013	Corbin
D523,807 S	6/2006	Murayama et al.	D682,193 S	5/2013	Corbin
D525,848 S *	8/2006	Kokawa D8/68	D682,194 S	5/2013	Jiang et al.
D527,971 S *	9/2006	Kokawa D8/68	8,436,584 B2	5/2013	Johnson et al.
D530,270 S	10/2006	Ozawa et al.	D684,028 S *	6/2013	Costoli 173/90
D535,537 S	1/2007	Aglassinger	D684,528 S	6/2013	Murray
D536,944 S *	2/2007	Tsai D8/68	D685,245 S *	7/2013	Tirone D8/68
D539,221 S	3/2007	Johnson et al.	D685,730 S	7/2013	Hamm et al.
D544,436 S	6/2007	Kawahara et al.	D691,011 S	10/2013	Walz et al.
D545,759 S	7/2007	Ino et al.	D692,380 S	10/2013	Tirone
D550,152 S	9/2007	Okuda et al.	D699,670 S	2/2014	Cooper
7,270,910 B2	9/2007	Yahnker et al.	D700,821 S *	3/2014	Tschopp D8/68
D553,562 S	10/2007	Okada et al.	D706,603 S	6/2014	Kokawa et al.
D555,086 S	11/2007	Zhang	D708,496 S *	7/2014	Zhou D8/68
D555,451 S	11/2007	Okuda et al.	D710,794 S	8/2014	Busschaert et al.
D556,002 S *	11/2007	Ino D8/68	D716,626 S	11/2014	Sell et al.
D558,670 S	1/2008	Ritterling et al.	D718,705 S	12/2014	Naksen
D562,228 S	2/2008	Okada et al.	D722,016 S	2/2015	Beukema
D565,374 S	4/2008	Zhang	9,014,866 B2	4/2015	Moriai et al.
D568,239 S	5/2008	Okada et al.	9,112,248 B2	8/2015	Johnson et al.
D574,688 S *	8/2008	Yamamoto D8/68	2003/0096158 A1	5/2003	Takano et al.
D575,224 S	8/2008	Taniguchi et al.	2005/0073282 A1	4/2005	Carrier et al.
D575,606 S	8/2008	Okouchi et al.	2008/0150474 A1	6/2008	Ball et al.
D579,868 S	11/2008	Harrison	2010/0176766 A1	7/2010	Brandner et al.
D580,351 S	11/2008	Elsmark et al.	2012/0037385 A1	2/2012	Suzuki et al.
D580,353 S	11/2008	Harrison et al.	2012/0292070 A1	11/2012	Ito et al.
D581,235 S	11/2008	Aglassinger	2013/0026983 A1	1/2013	Yamamoto
D586,639 S	2/2009	Yamamoto et al.	2014/0107853 A1	4/2014	Ashinghurst et al.
D587,547 S	3/2009	Aglassinger	2014/0159919 A1	6/2014	Furui et al.
7,508,171 B2	3/2009	Carrier et al.	2014/0159920 A1	6/2014	Furui et al.
D590,333 S	4/2009	Price et al.	2014/0210265 A1	7/2014	Thorsøe
D592,028 S	5/2009	Taniguchi et al.	2014/0368168 A1	12/2014	Beckman
D593,944 S	6/2009	Smith	2015/0041164 A1 *	2/2015	Sergyeyenko B25B 21/008
D595,101 S	6/2009	Bast			173/1
D597,931 S	8/2009	Aglassinger	2015/0097518 A1	4/2015	Bishop et al.
D597,932 S	8/2009	Aglassinger	2015/0127186 A1	5/2015	Moriai et al.
D597,933 S	8/2009	Aglassinger	2015/0185289 A1	7/2015	Yang et al.
D597,934 S	8/2009	Aglassinger	2015/0214758 A1	7/2015	Toya et al.
D597,935 S	8/2009	Aglassinger			

(56)

References Cited

U.S. PATENT DOCUMENTS

2015/0280457 A1 10/2015 Jung et al.
 2017/0271632 A1 9/2017 Jenkins et al.

FOREIGN PATENT DOCUMENTS

EP 001065411-0001 1/2009
 EP 001074371-0004 4/2009
 EP 001193213-0001 2/2010
 EP 001250559-0001 12/2010
 EP 001916305-0001 9/2011
 EP 002229716-0001 5/2013
 EP 002239004-0001 5/2013
 EP 002239004-0002 5/2013
 EP 001392856-0001 1/2014
 EP 002551820-0001 12/2014
 EP 002674523-0001 4/2015
 EP 002728105-0001 7/2015
 EP 002513614-0001 9/2015

EP 002513614-0004 9/2015
 EP 002773457-0001 10/2015
 EP 002779694-0001 10/2015
 EP 003027432-0001 3/2016
 EP 003073840-0001 5/2016
 EP 003073840-0002 5/2016
 EP 003119973-0004 5/2016
 EP 003119973-0005 5/2016
 WO 2015061370 4/2015

OTHER PUBLICATIONS

Ryobi 130224054 Drill Battery Pack 18-volt, Ryobi, first available on Amazon.com on Mar. 26, 2013, retrieved on Apr. 16, 2018, retrieved from the Internet URL: https://www.amazon.com/Ryobi-130224054-Original-Equipment-Manufacturer/dp.B00C1KULDS/ref=sr_1_19?s=hi&ie=UTF8&qid=1523902511&sr=1-19&keywords=ruobi+battery+pack.

* cited by examiner

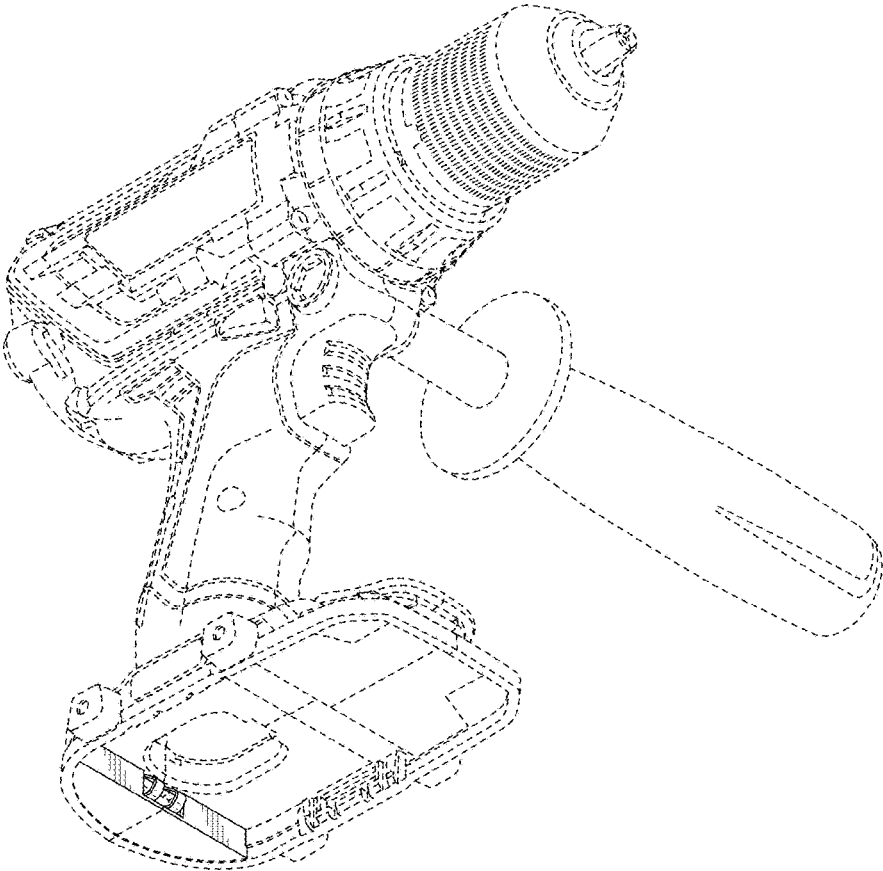


FIG. 1

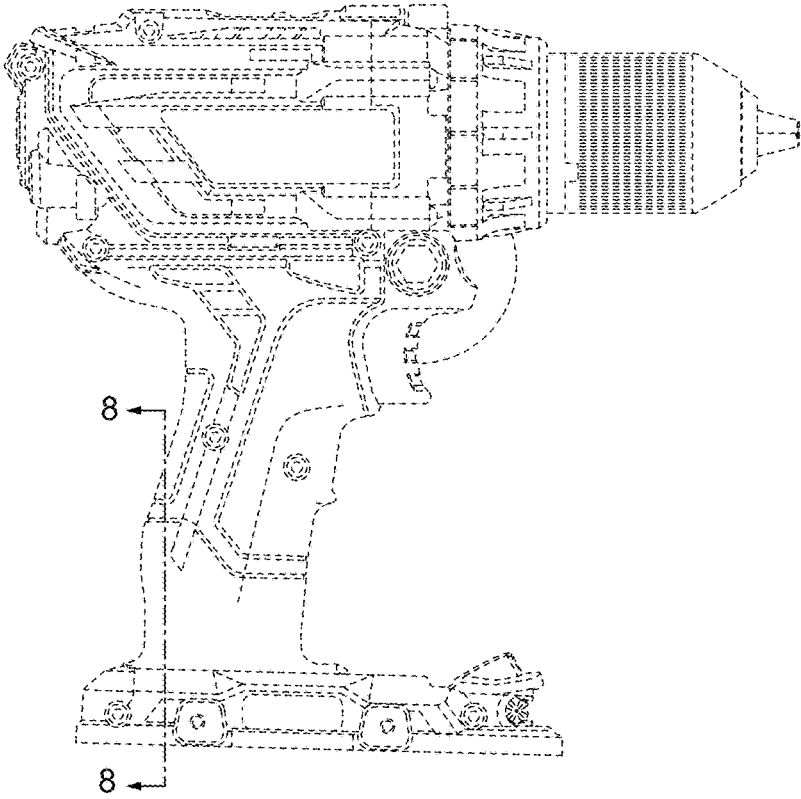


FIG. 2

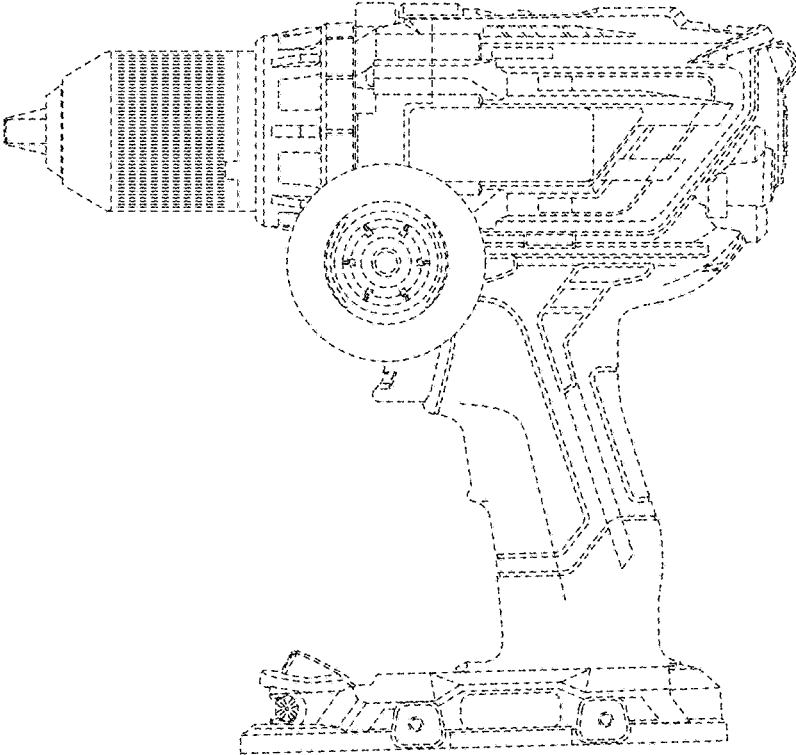


FIG. 3

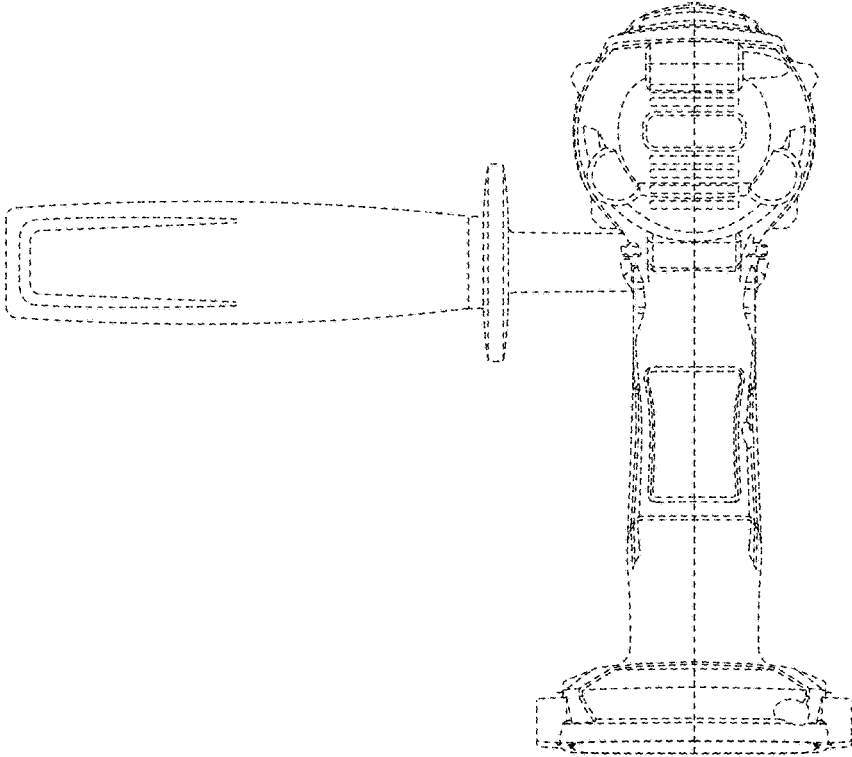


FIG. 4

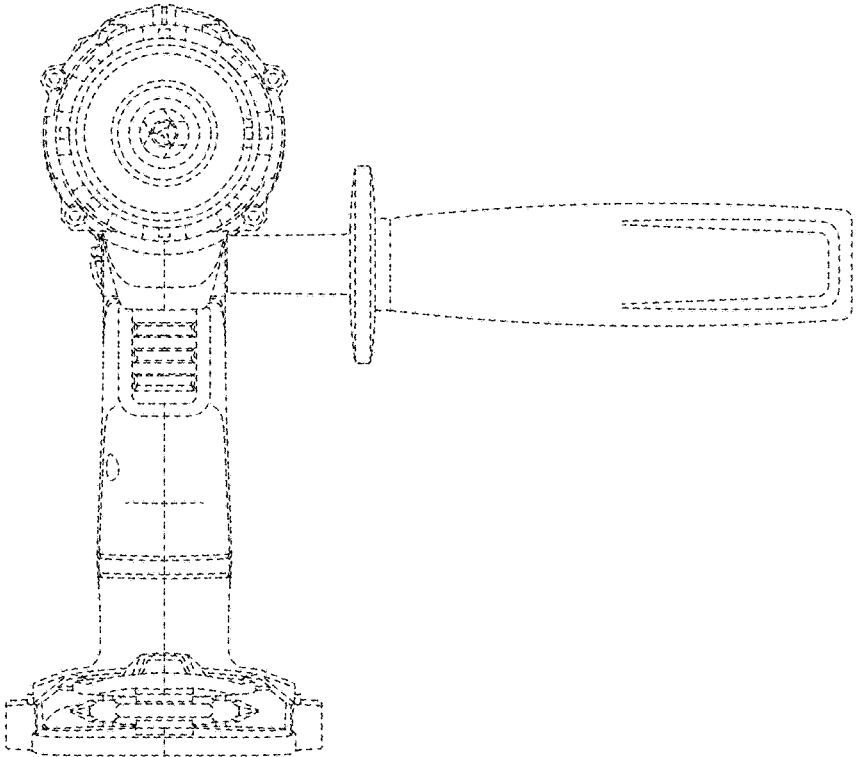


FIG. 5

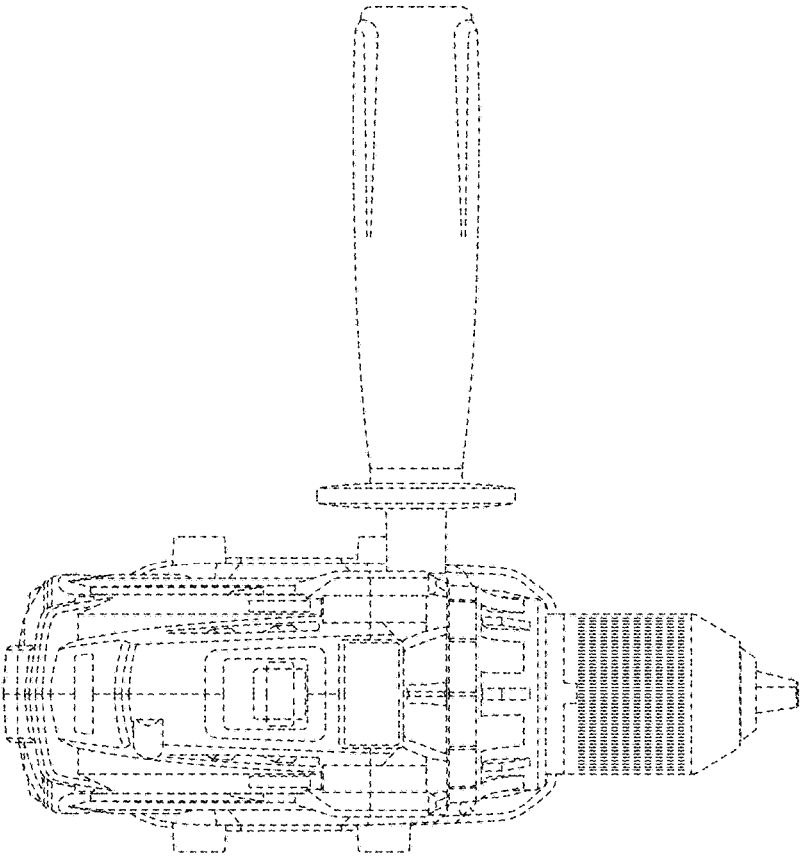


FIG. 6

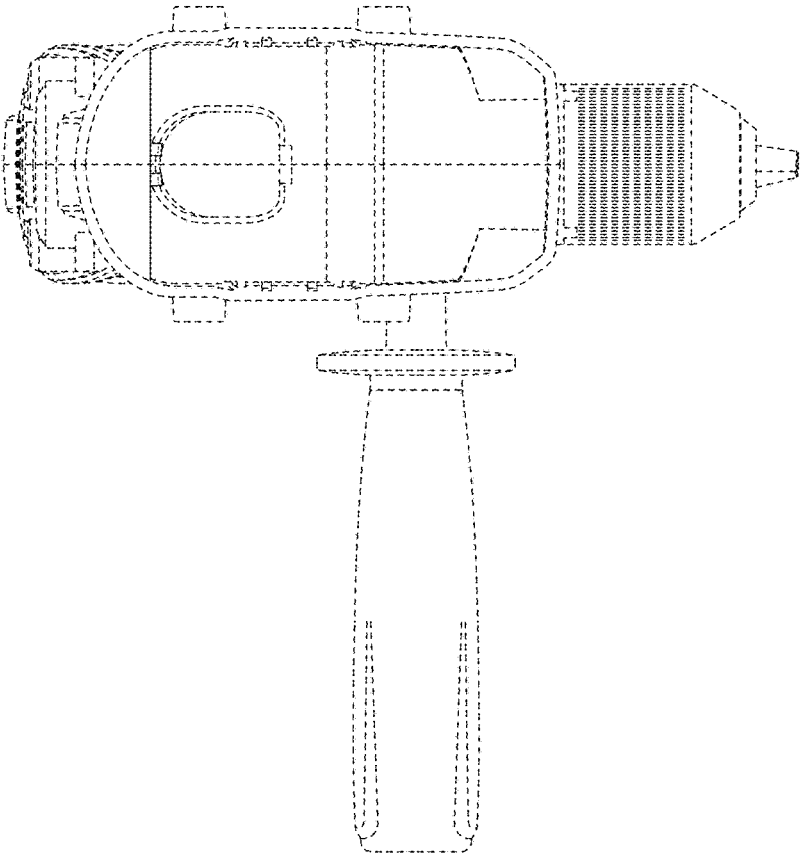


FIG. 7

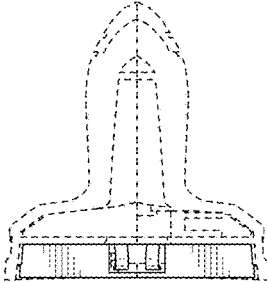


FIG. 8