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(12) **United States Design Patent** (10) **Patent No.:** **US D441,628 S**
Bass et al. (45) **Date of Patent:** **** May 8, 2001**

(54) **IMPACT WRENCH**

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

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- (22) Filed: **Aug. 18, 2000**

- (51) **LOC (7) Cl.** **08-05**
- (52) **U.S. Cl.** **D8/68**
- (58) **Field of Search** D8/61-70; 81/57.11,
81/124.7, 466, 54, 57.42, 464, 467; 173/170,
168, 178, 176, 93, 93.5, 93.6

(56) **References Cited**

U.S. PATENT DOCUMENTS

D. 205,091	*	6/1966	Averitt	.....	D8/68
D. 206,093	*	10/1966	Averitt	.....	D8/68
D. 223,134	*	3/1972	Bunyea	.....	D8/68
D. 256,980	*	9/1980	Adams et al.	.....	D8/68
D. 261,222	*	10/1981	Bunyea	.....	D8/68
D. 288,769	*	3/1987	Doman	.....	D8/68
D. 294,001	*	2/1988	Greenlee et al.	.....	D8/68
D. 339,726	*	9/1993	Bruno et al.	.....	D8/68
D. 378,891	*	4/1997	Sung	.....	D8/68
D. 382,184	*	8/1997	Sung	.....	D8/68
D. 388,678	*	1/1998	Bantly et al.	.....	D8/68
D. 393,580	*	4/1998	Bantly et al.	.....	D8/68
D. 396,620	*	8/1998	Sung	.....	D8/68
D. 403,564	*	1/1999	Izumisawa	.....	D8/68
D. 410,830	*	6/1999	Pusateri et al.	.....	D8/68
3,352,368	*	11/1967	Maffey	.....	173/169
3,908,766	*	9/1975	Hess	.....	173/178
4,175,408	*	11/1979	Kasai et al.	.....	464/25
4,629,128		12/1986	Lawrence .		
5,847,334	*	12/1998	Taga	.....	181/230
6,047,780	*	4/2000	Lin	.....	173/168
6,082,468	*	7/2000	Pusateri et al.	.....	173/170

OTHER PUBLICATIONS

Copies of the front cover, rear cover and pp. 18-29 of a Campbell Hausfeld "Powered Equipment" catalog dated Jul. 2000 labeled "SL955400AV", showing prior art designs.

Four pages (1-4) which together show an entire undated fanfold Chicago Pneumatic catalog, labeled "AL149710(R1)", showing prior art designs, prior to Aug. 18, 2000.

Copies of both sides of an undated tri-fold Husky "Product Guide" catalog, showing prior art designs, prior to Aug. 18, 2000.

Copies of the front cover and pp. 109-115 of a Sears Craftsman catalog dated "2000-2001", showing prior art designs. prior to Aug. 18, 2000.

Copies of the front cover and pp. 2,4,5 and 8 of an undated Florida Pneumatic "Air Tools" catalog, showing prior art designs. prior to Aug. 18, 2000.

Copies of the front cover and title page of a Chicago Pneumatic "Air Tools" catalog, copyright 1995, showing prior art designs. prior to Aug. 18, 2000.

Copy of a 1-page single-sided undated Campbell Hausfeld catalog sheet labeled "Impact Wrench" and "PL1502", showing a prior art design. prior to Aug. 18, 2000.

Copy of a 1-page single-sided undated Campbell Hausfeld catalog sheet labeled "Twin Hammer Impact Wrench" and "PL2502", showing a prior art design. prior to Aug. 18, 2000.

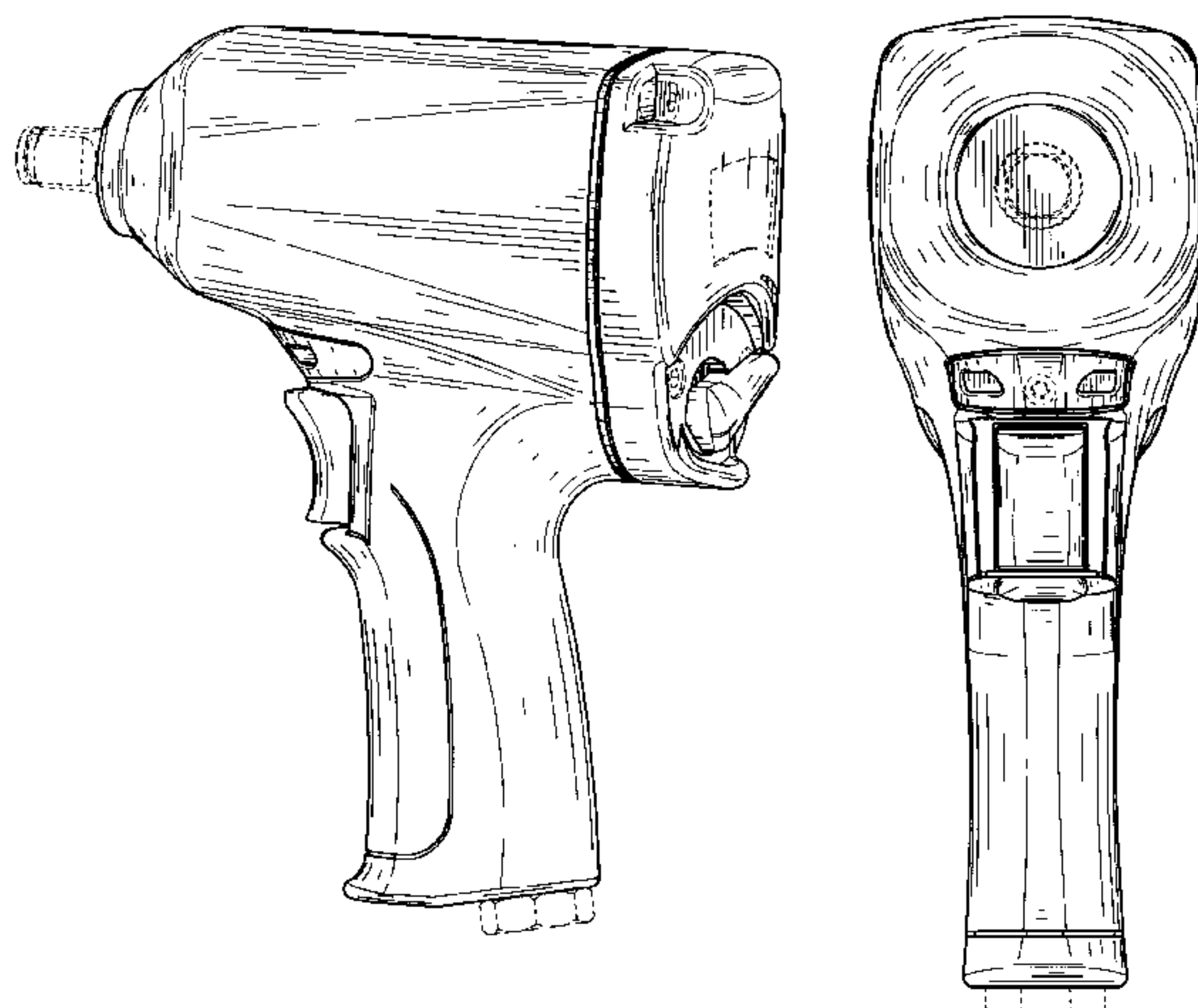
Copy of a 1-page single-sided undated Campbell Hausfeld catalog sheet labeled "Impact Wrench" and "TL1002", showing a prior art design. prior to Aug. 18, 2000.

Copy of a 1-page single-sided undated Campbell Hausfeld catalog sheet labeled "High Speed Sander" and "TL1018", showing a prior art design. prior to Aug. 18, 2000.

Copy of a 1-page single-sided undated Campbell Hausfeld catalog sheet labeled "Air Powered Drill" and "TL1006", showing a prior art design. prior to Aug. 18, 2000.

Copy of a 1-page single-sided undated Campbell Hausfeld catalog sheet labeled "Air Chisel" and "TL1003", showing a prior art design. prior to Aug. 18, 2000.

Copy of a 1-page single-sided undated Campbell Hausfeld catalog sheet labeled "Keyless Chuck Drill" and "PL2545", showing a prior art design. prior to Aug. 18, 2000.



Copy of a 1–page single–sided undated Campbell Hausfeld catalog sheet labeled “Heavy Duty Air Hammer” and “PL2534”, showing a prior art design. prior to Aug. 18, 2000.

Copy of a 1–page single–sided undated Campbell Hausfeld catalog sheet labeled “Keyless Chuck Reversible Drill” and “PL1545”, showing a prior art design. prior to Aug. 18, 2000.

Copy of a 1–page single–sided undated Campbell Hausfeld catalog sheet labeled “Pistol Metal Shear” and “PL1543”, showing a prior art design. prior to Aug. 18, 2000.

Copy of a 1–page single–sided undated Campbell Hausfeld catalog sheet labeled “Medium Air Hammer” and “PL1534”, showing a prior art design. prior to Aug. 18, 2000.

* cited by examiner

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Pogue

(57)

CLAIM

We claim the ornamental design for an impact wrench, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of an impact wrench embodying the ornamental design of the present invention;

FIG. 2 is a side view of the impact wrench, the opposite side view being a mirror image;

FIG. 3 is a rear view of the impact wrench;

FIG. 4 is a front view of the impact wrench;

FIG. 5 is a top view of the impact wrench; and,

FIG. 6 is a bottom view of the impact wrench.

The broken line showings of FIGS. 1–6 are for illustrative purposes only and form no part of the claimed design.

1 Claim, 3 Drawing Sheets

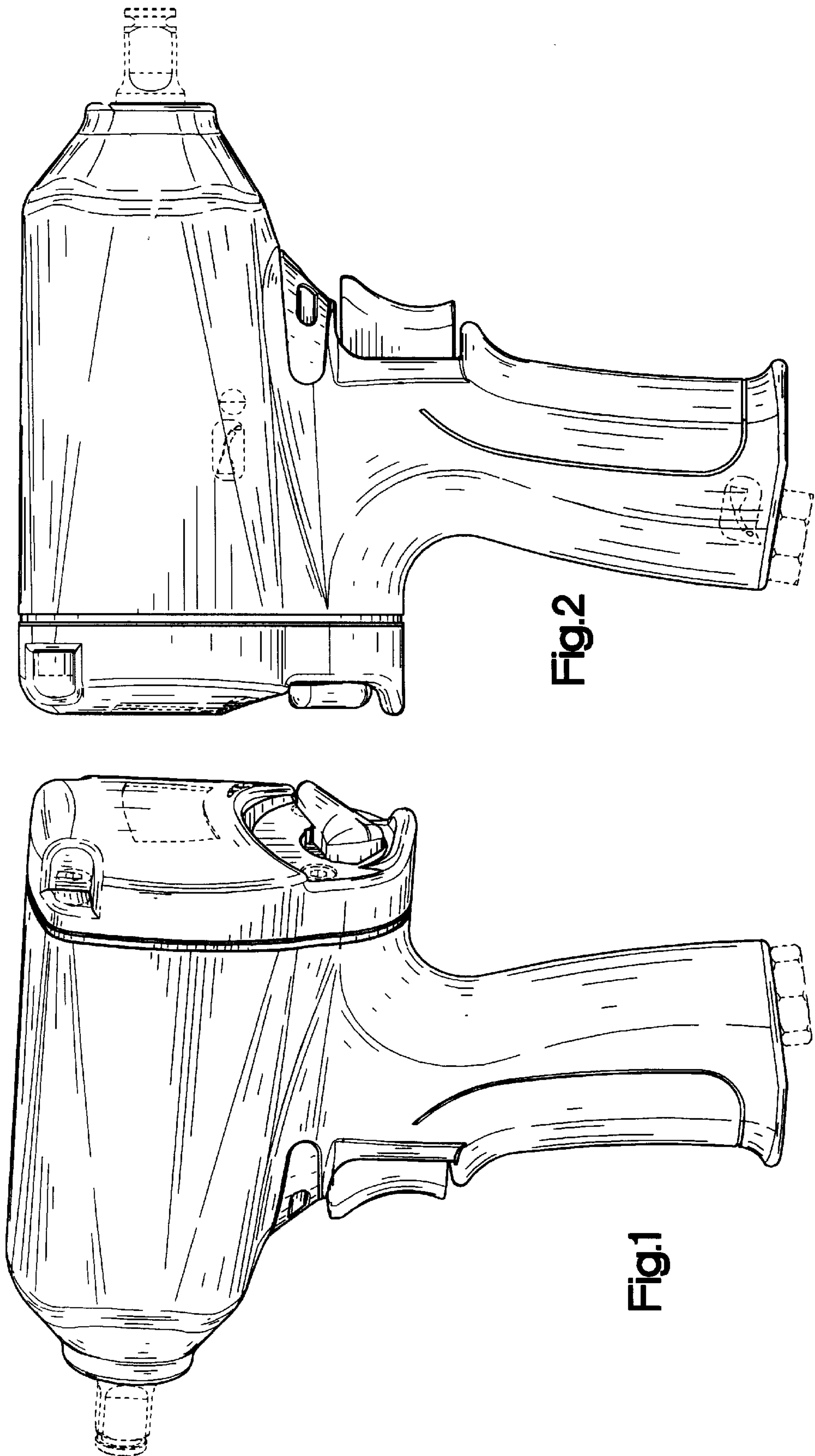


Fig.2

Fig.1

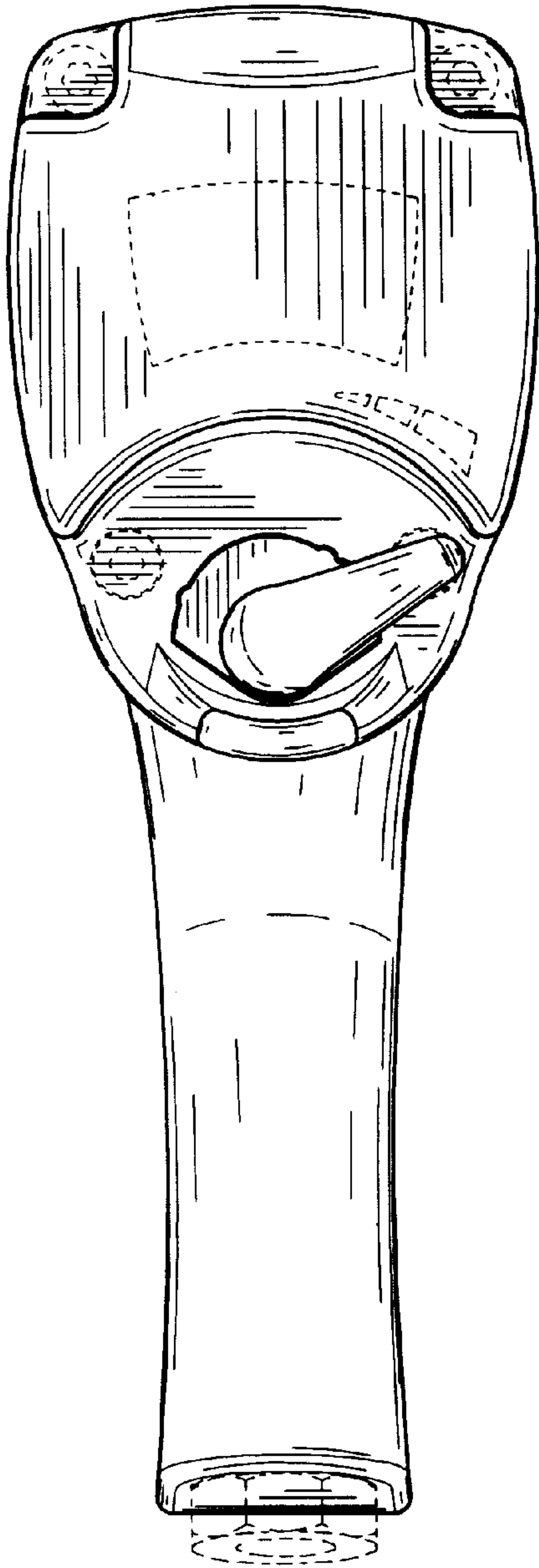


Fig.3

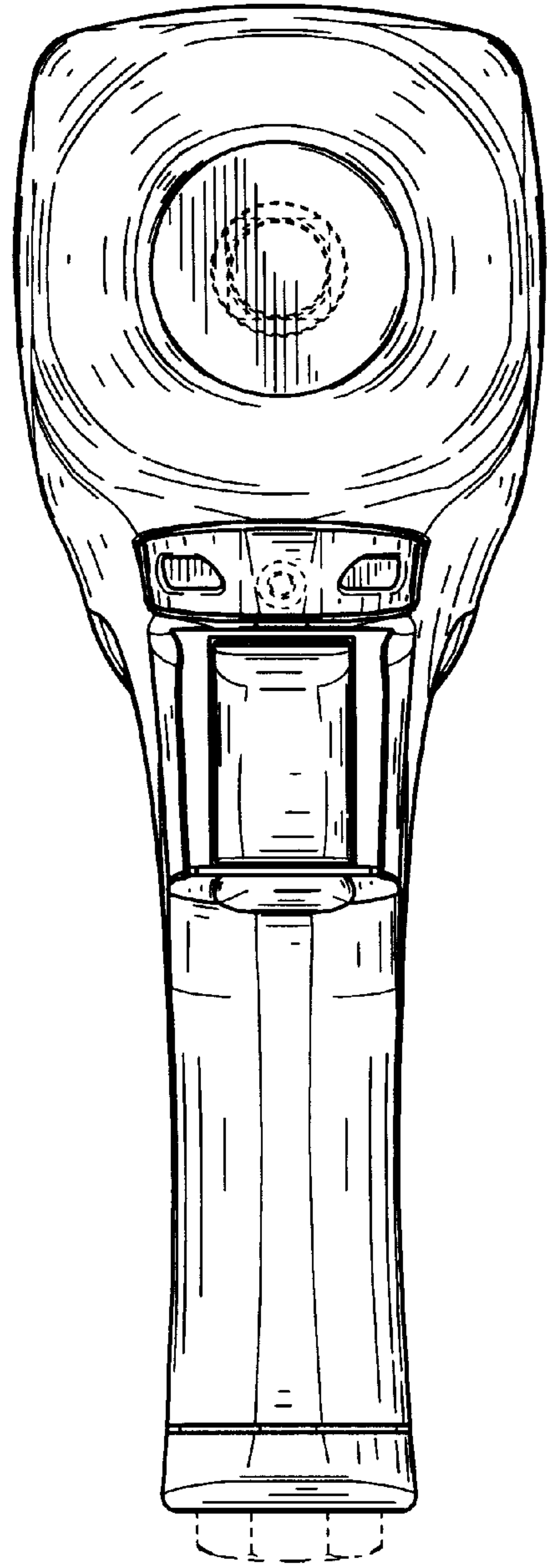


Fig.4

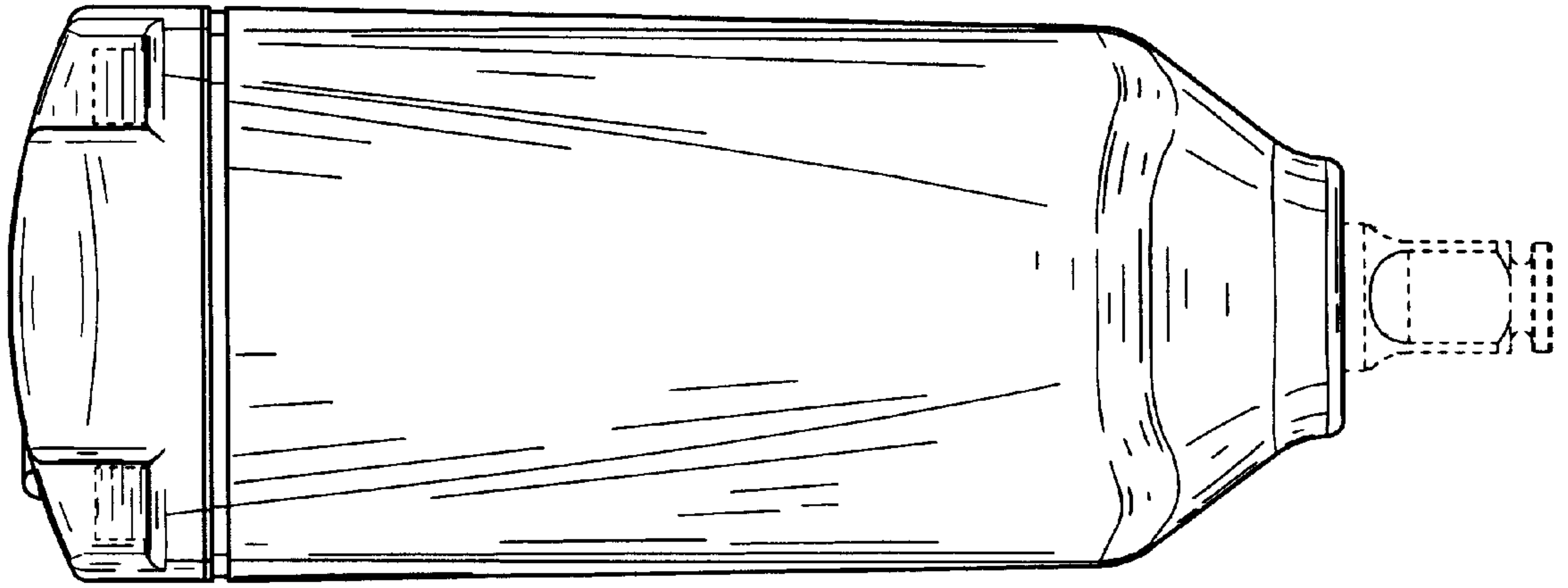


Fig.5

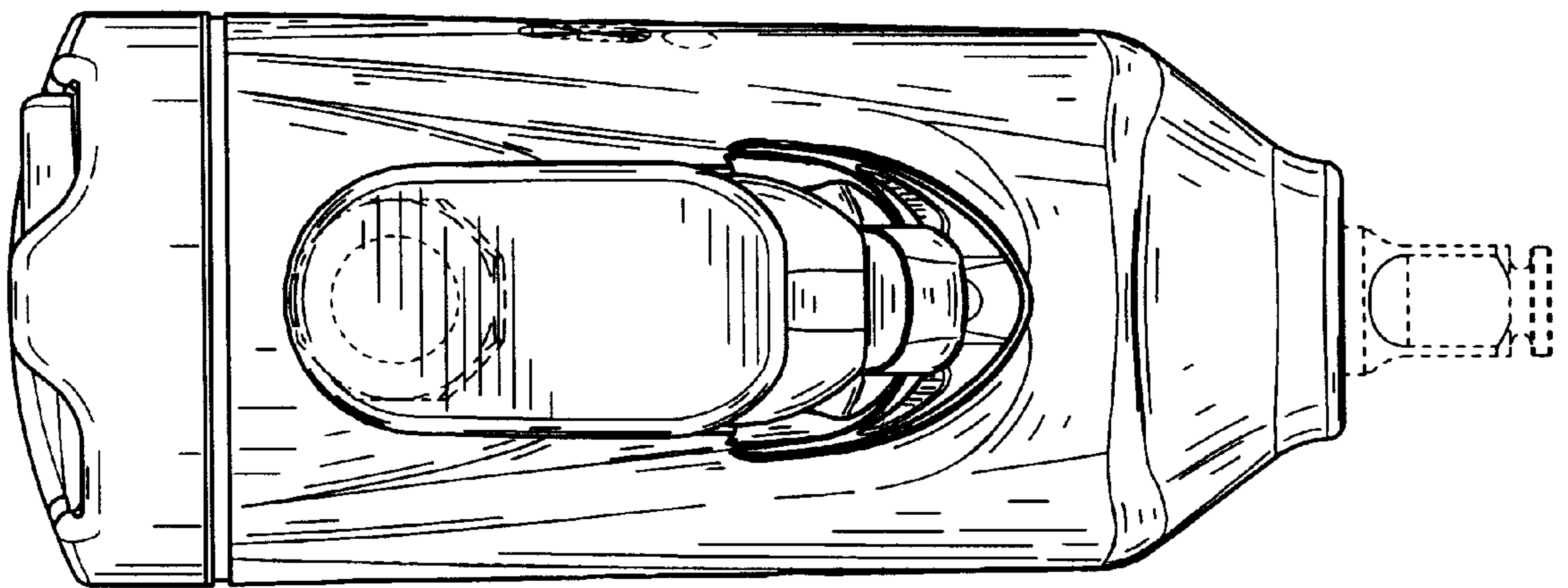


Fig.6