

US00D508642S

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

(10) **Patent No.:** **US D508,642 S**

(45) **Date of Patent:** **\*\* Aug. 23, 2005**

(54) **RECHARGEABLE IMPACT DRIVER**

(75) Inventors: **Kiyozumi Kokawa**, Chiryu (JP);  
**Shinsuke Okuda**, Anjo (JP); **Katsushi Miyashita**, Anjo (JP)

(73) Assignee: **Makita Corporation**, Aichi-ken (JP)

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

(21) Appl. No.: **29/187,774**

(22) Filed: **Aug. 6, 2003**

(30) **Foreign Application Priority Data**

Feb. 6, 2003 (JP) ..... 2003-006914

(51) **LOC (8) Cl.** ..... **08-05**

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

(58) **Field of Search** ..... D8/14.1, 61, 62,  
D8/63, 64, 65, 66, 67, 68, 69, 70; 81/57.11,  
429, 464, 465, 466, 469, 489; 173/13, 169,  
178, 213, 217; 227/8, 114, 120, 130, 136,  
142; 310/50; 408/20, 124, 125, 234, 241 R;  
451/358

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D295,714 S	*	5/1988	Sasaki et al.	.....	D8/68
D320,917 S	*	10/1991	Fushiya et al.	.....	D8/68
D329,580 S	*	9/1992	Sasaki et al.	.....	D8/68
D339,046 S	*	9/1993	Fushiya et al.	.....	D8/68
D340,396 S	*	10/1993	Ichikawa	.....	D8/68
D342,430 S	*	12/1993	Saito et al.	.....	D8/68

D345,682 S	*	4/1994	Sasaki et al.	.....	D8/68
D386,662 S	*	11/1997	Tozawa et al.	.....	D8/68
D392,863 S		3/1998	Sugimoto et al.	.....	D8/68
D411,947 S	*	7/1999	Sugimoto et al.	.....	D8/68
D424,902 S	*	5/2000	Gildersleeve et al.	.....	D8/68
D437,761 S	*	2/2001	Okumura et al.	.....	D8/68
D446,704 S	*	8/2001	Shibata et al.	.....	D8/68
D462,594 S	*	9/2002	Flickinger	.....	D8/68
D477,205 S	*	7/2003	Sakai et al.	.....	D8/68
D494,435 S	*	8/2004	Hayakawa et al.	.....	D8/68
2003/0159843 A1	*	8/2003	Sakai et al.	.....	173/217

\* cited by examiner

*Primary Examiner*—Gary D. Watson

*Assistant Examiner*—T. Chase Nelson

(74) *Attorney, Agent, or Firm*—Lahive & Cockfield, LLP;  
Anthony A. Laurentano, Esq.

(57) **CLAIM**

The ornamental design for a rechargeable impact driver, as shown and described.

**DESCRIPTION**

FIG. 1 is a left side elevational view of a rechargeable impact driver of our new design;  
FIG. 2 is a right side elevational view thereof;  
FIG. 3 is a top plan view thereof;  
FIG. 4 is a bottom plan view thereof;  
FIG. 5 is a rear side elevational view thereof;  
FIG. 6 is a front side elevational view thereof; and,  
FIG. 7 is a perspective view thereof.

**1 Claim, 7 Drawing Sheets**

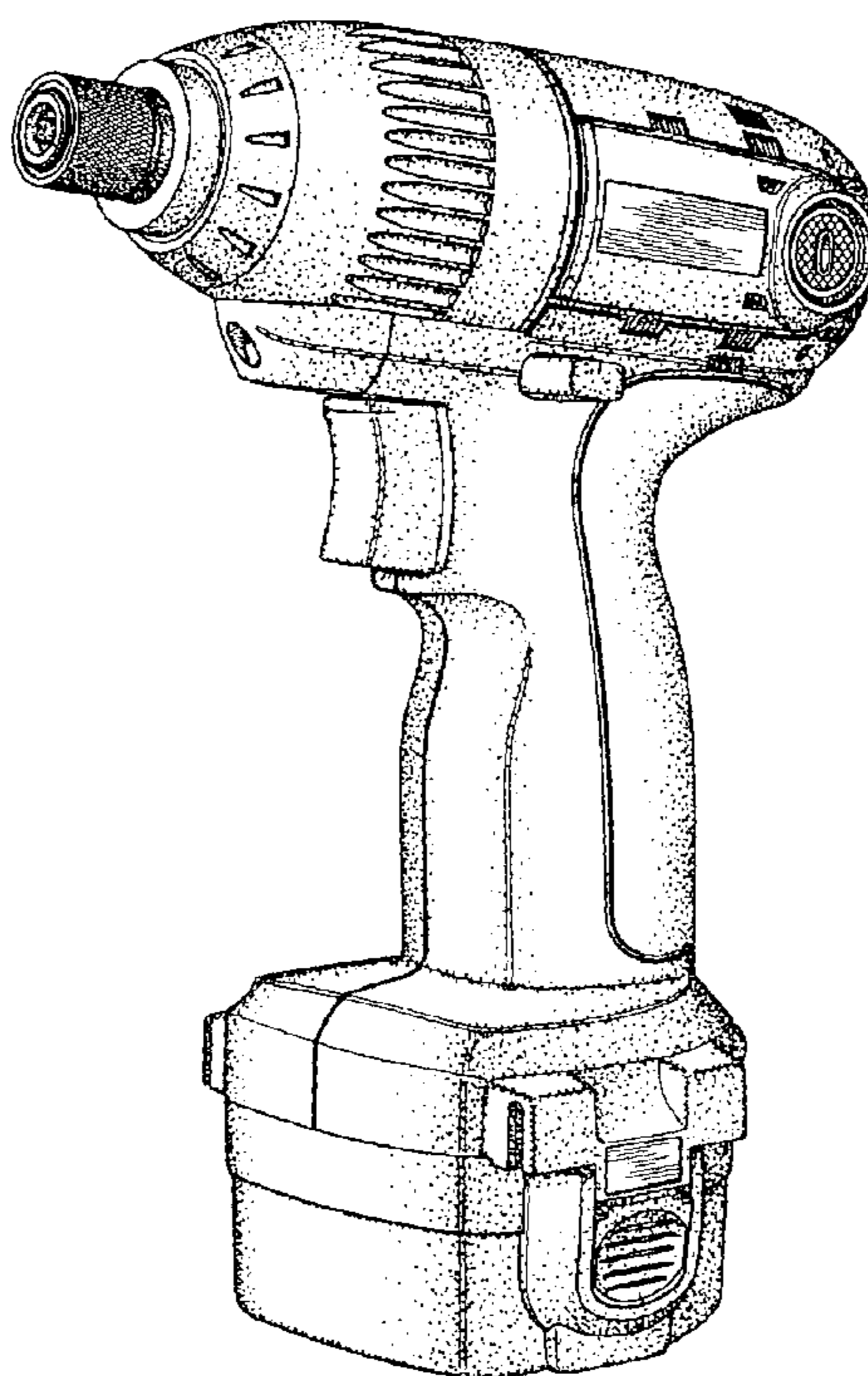


FIG. 1

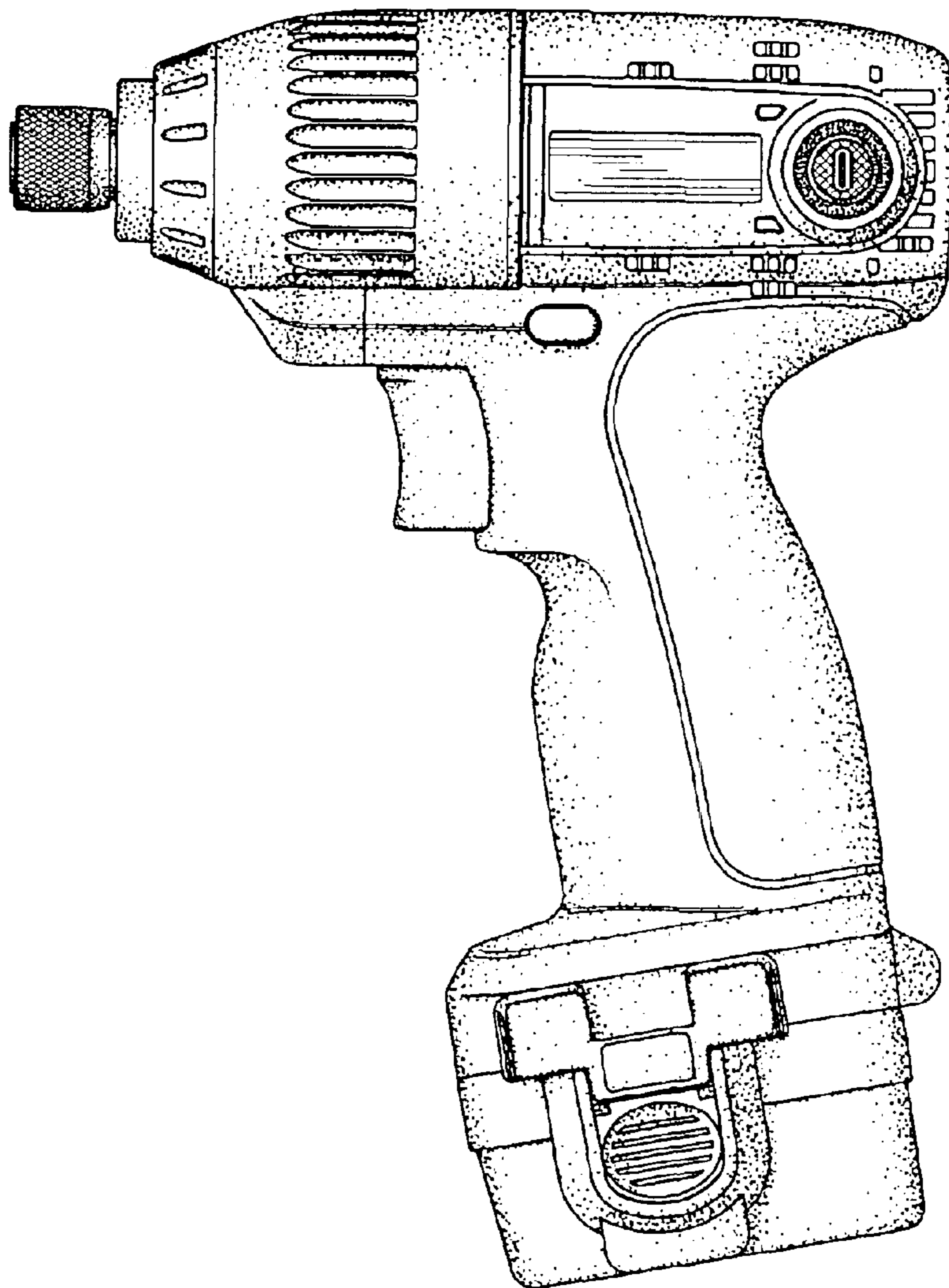


FIG. 2

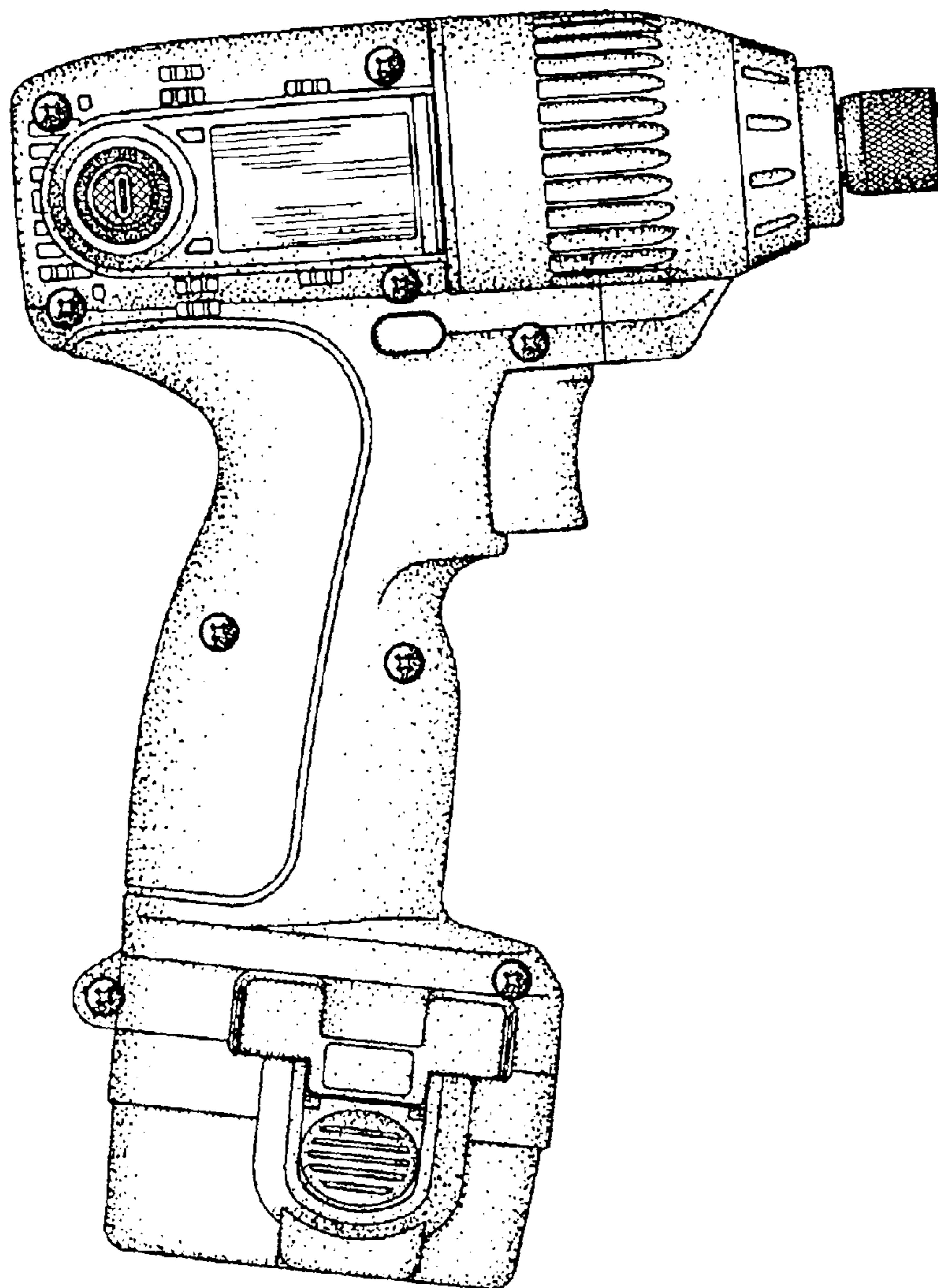


FIG. 3

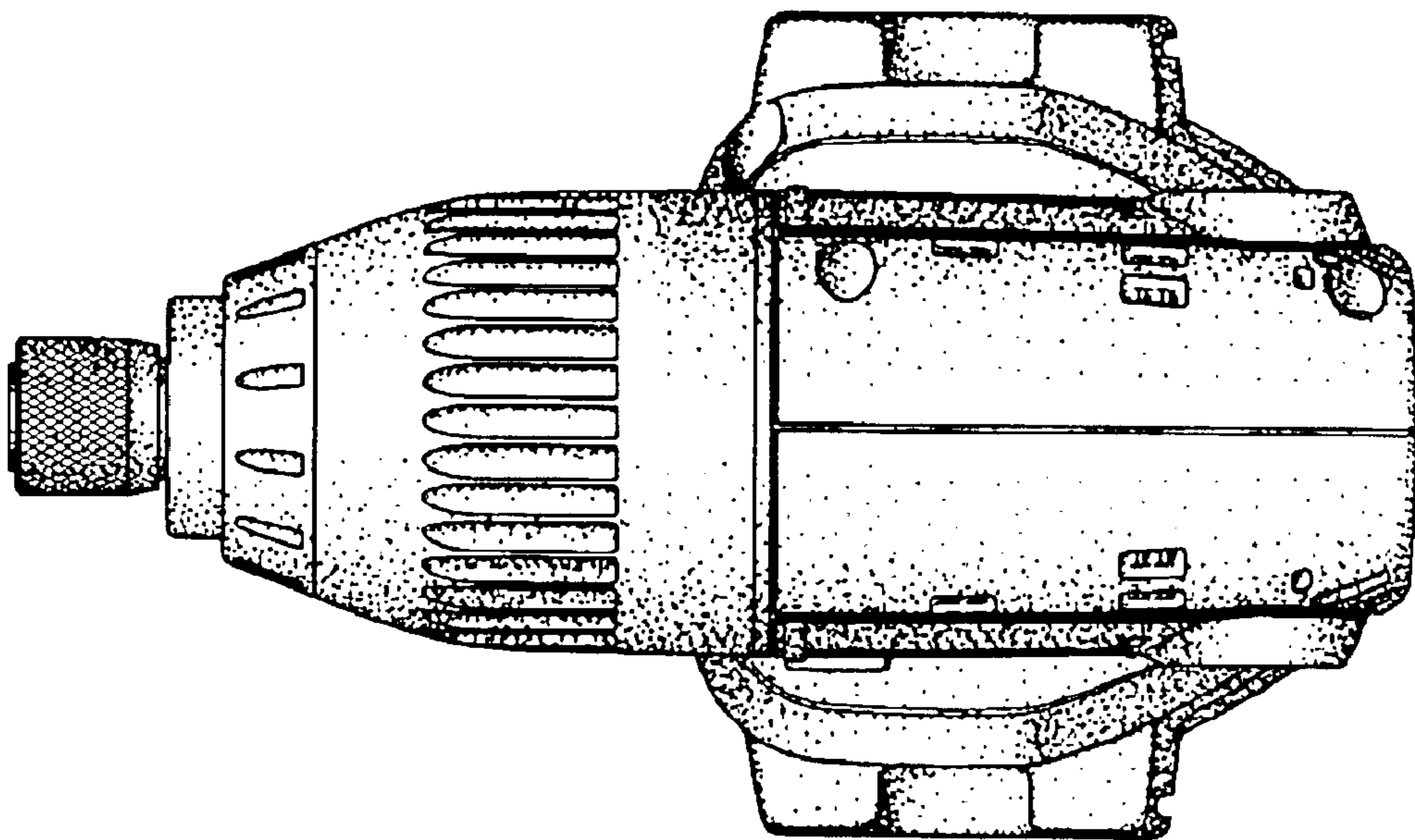


FIG. 4

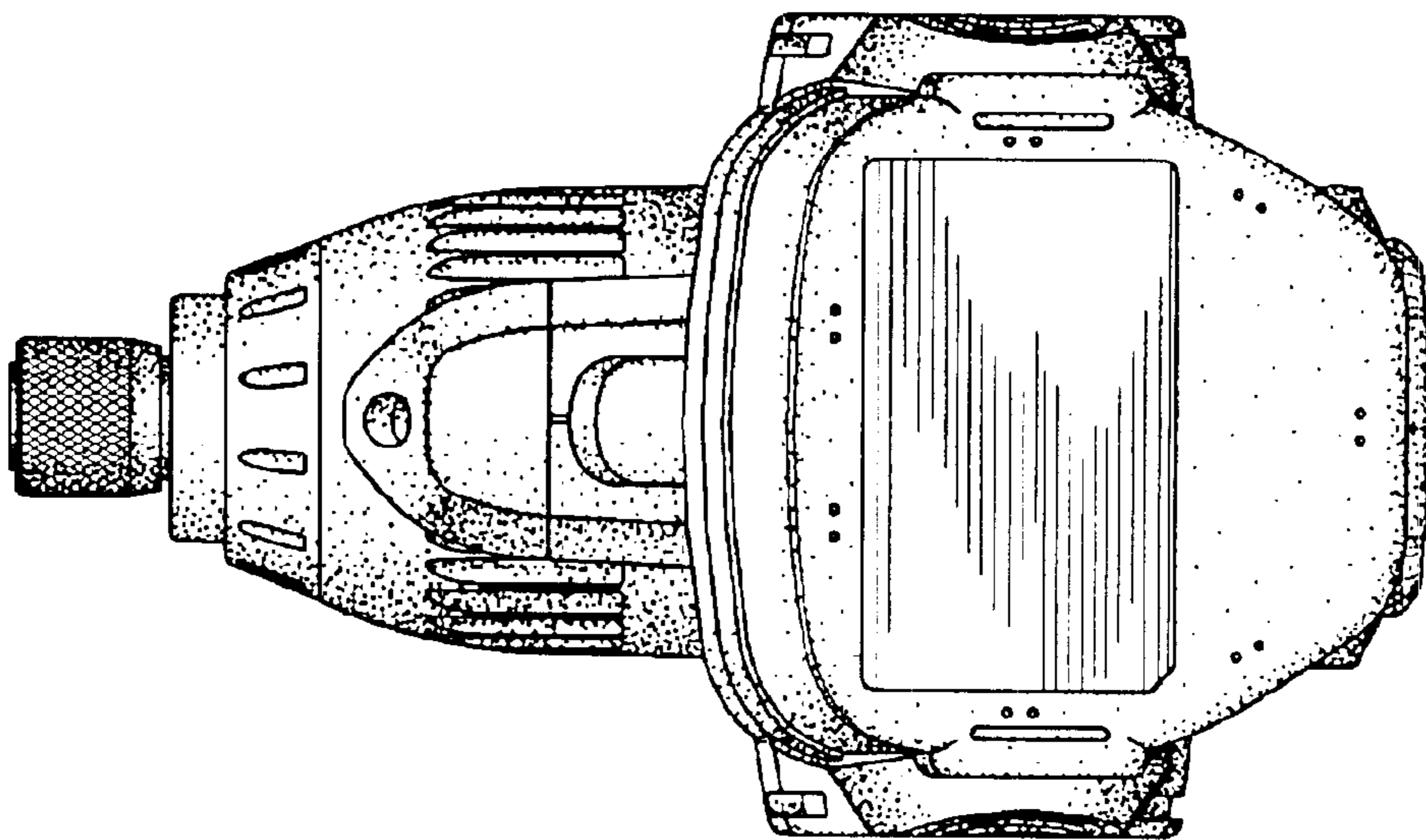


FIG. 5

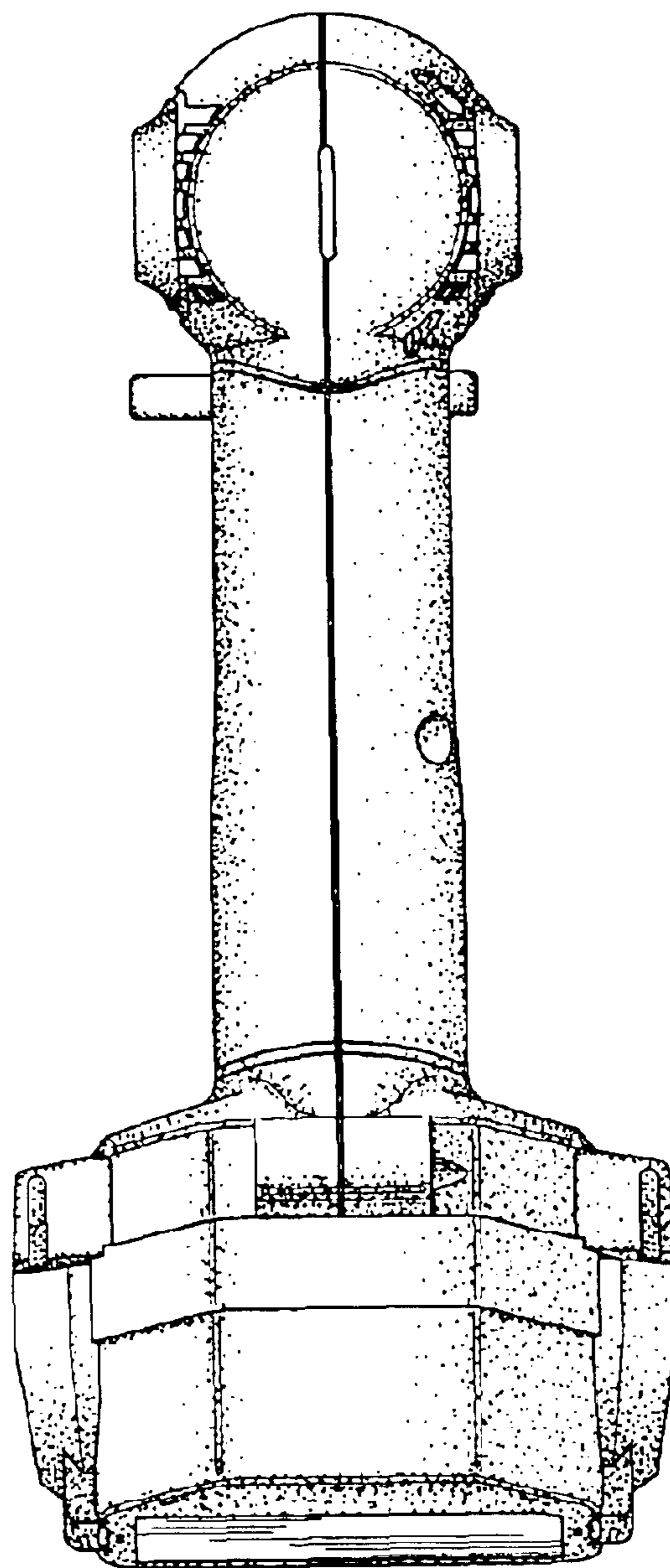


FIG. 6

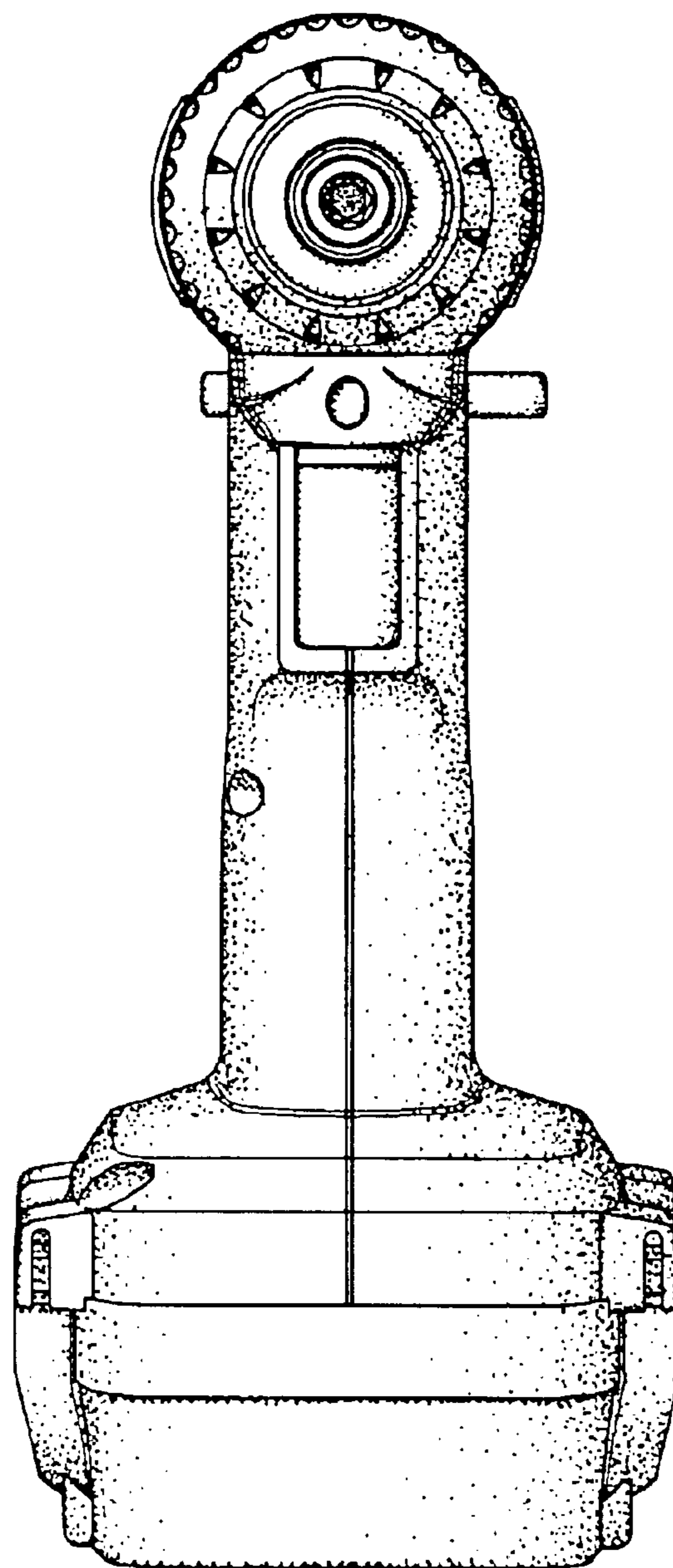


FIG. 7

