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(12) **United States Design Patent**  
**Taguchi**

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(54) **ACTUATOR**

(75) **Inventor:** **Kenji Taguchi**, Yokohama (JP)

(73) **Assignee:** **Jidosha Denki Kogyo Co., Ltd.**,  
Yokohama (JP)

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

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(52) **U.S. Cl.** ..... **D15/143**

(58) **Field of Classification Search** ..... D15/143;  
74/149, 331, 339, 340, 343, 402, 409, 411.5,  
74/425; 192/144, 223, 223.2, 223.3; 310/77,  
310/83, 89, 239

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

3,746,408 A \* 7/1973 Wachter et al. .... D15/143

D236,020 S \* 7/1975 Wachter ..... D15/143  
6,712,727 B1 \* 3/2004 Kujira et al. .... 475/149  
6,789,443 B1 \* 9/2004 Torii et al. .... 74/425  
6,814,209 B1 \* 11/2004 Acosta ..... 192/223.2  
6,843,148 B1 \* 1/2005 Marcel ..... 74/425

\* cited by examiner

*Primary Examiner*—Antoine D. Davis

(74) *Attorney, Agent, or Firm*—Sughrue Mion, PLLC

(57) **CLAIM**

The ornamental design for an actuator, as shown.

**DESCRIPTION**

FIG. 1 is a front view thereof;  
FIG. 2 is a rear view thereof;  
FIG. 3 is a right side view thereof;  
FIG. 4 is a left side view thereof;  
FIG. 5 is a top plan view thereof;  
FIG. 6 is a bottom plan view; and,  
FIG. 7 is a perspective view of the top, front and right side thereof.

**1 Claim, 7 Drawing Sheets**

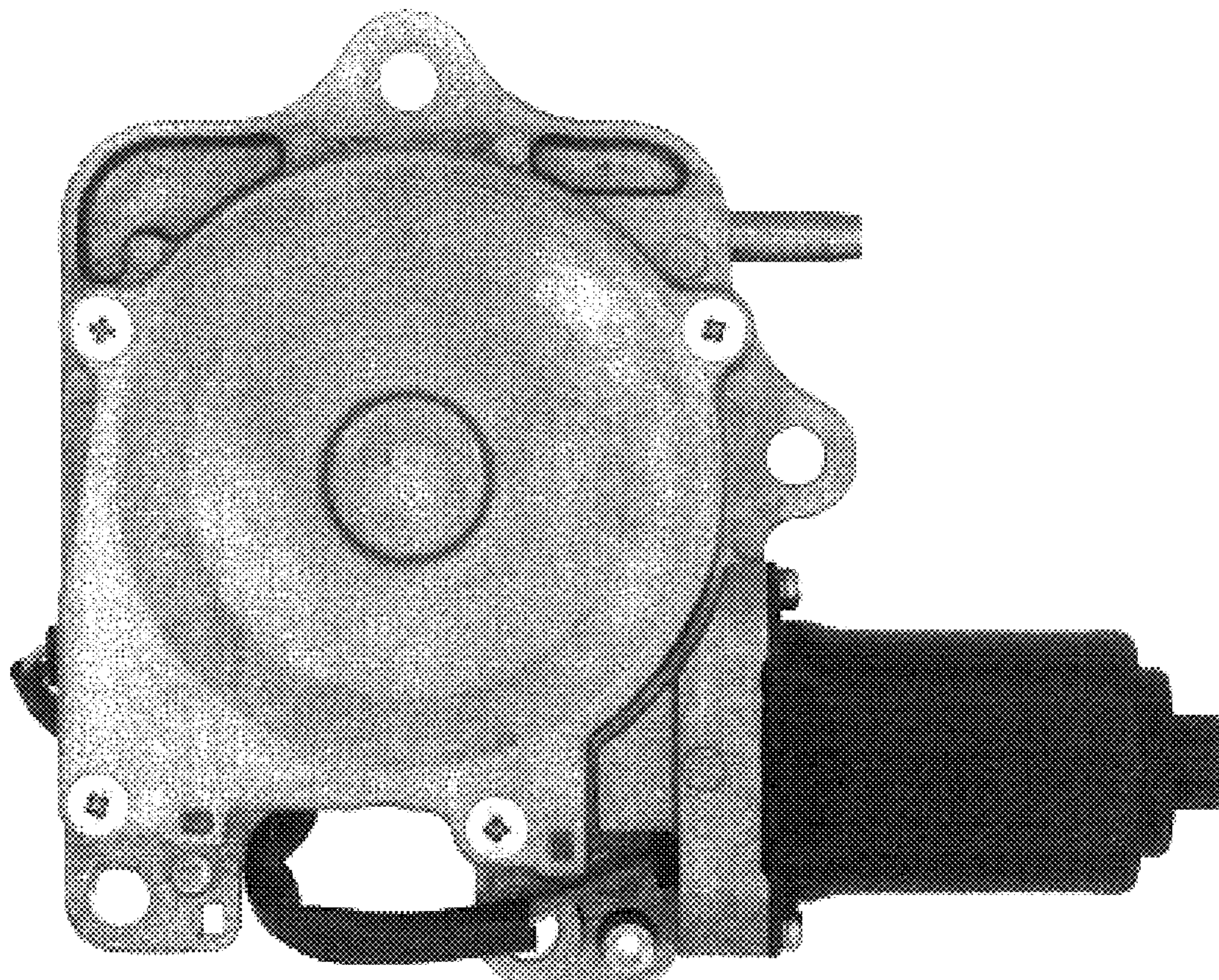


FIG. 1

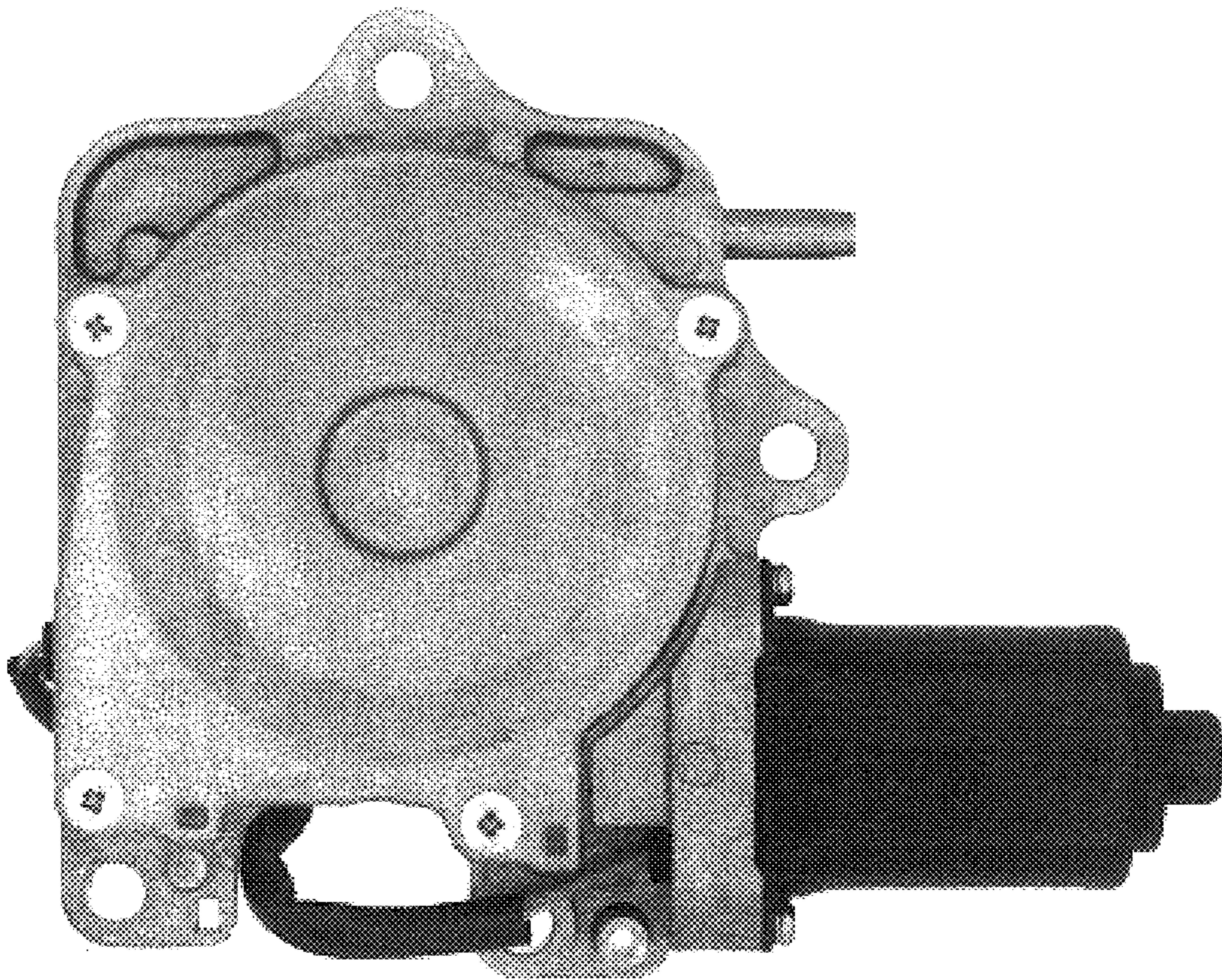
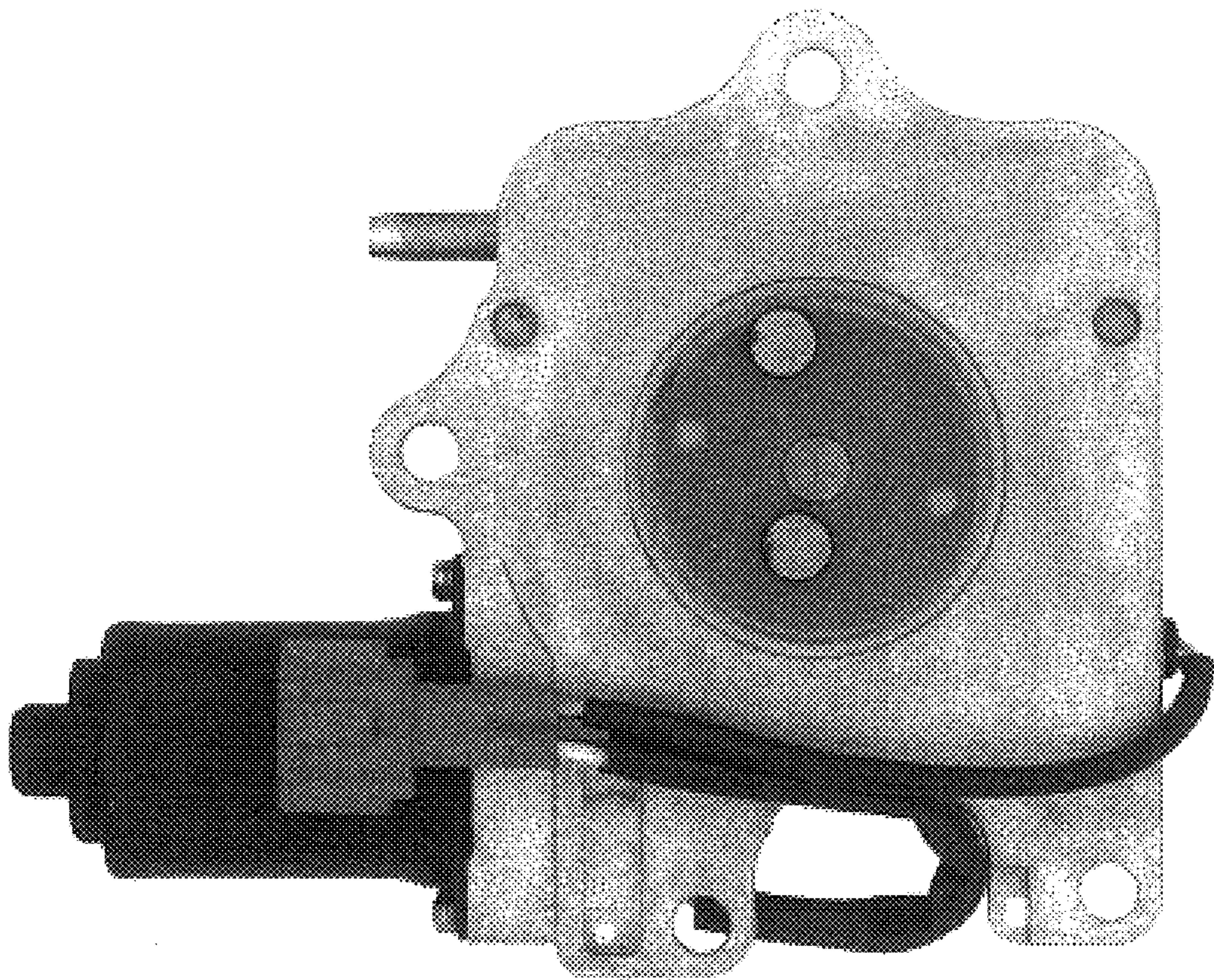
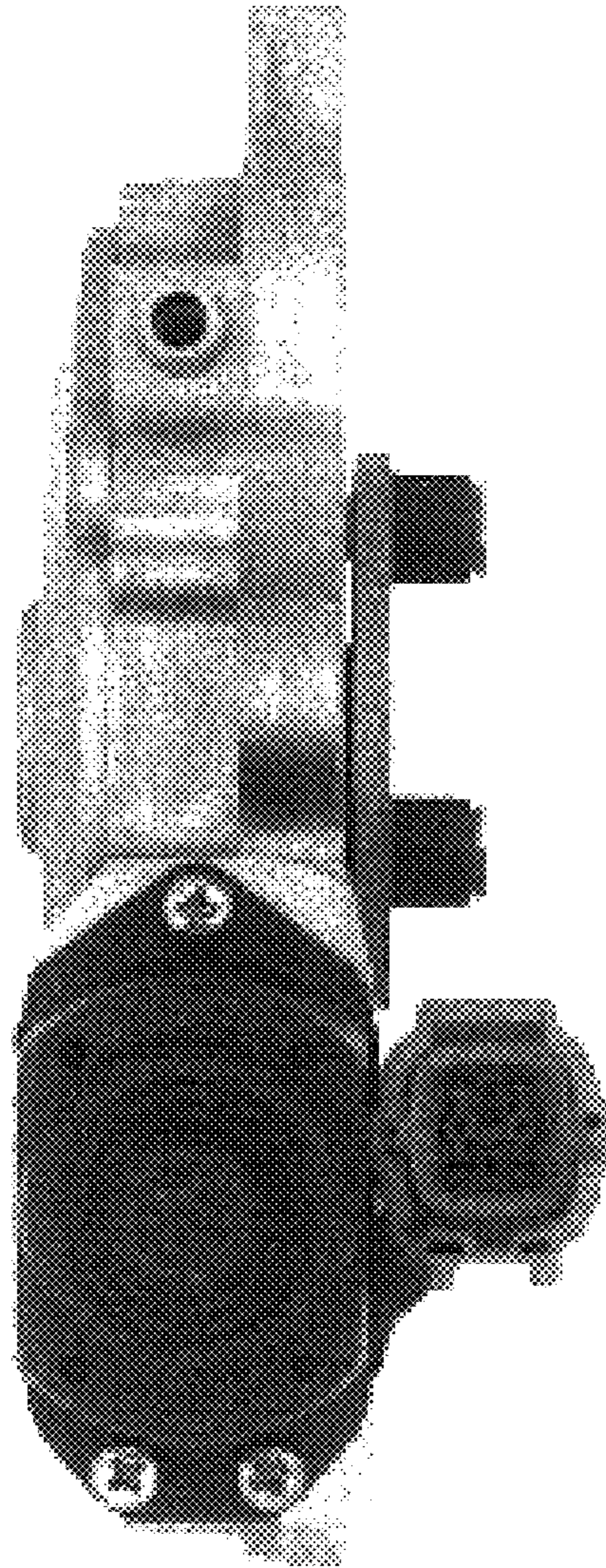


FIG. 2



# FIG. 3



# FIG. 4

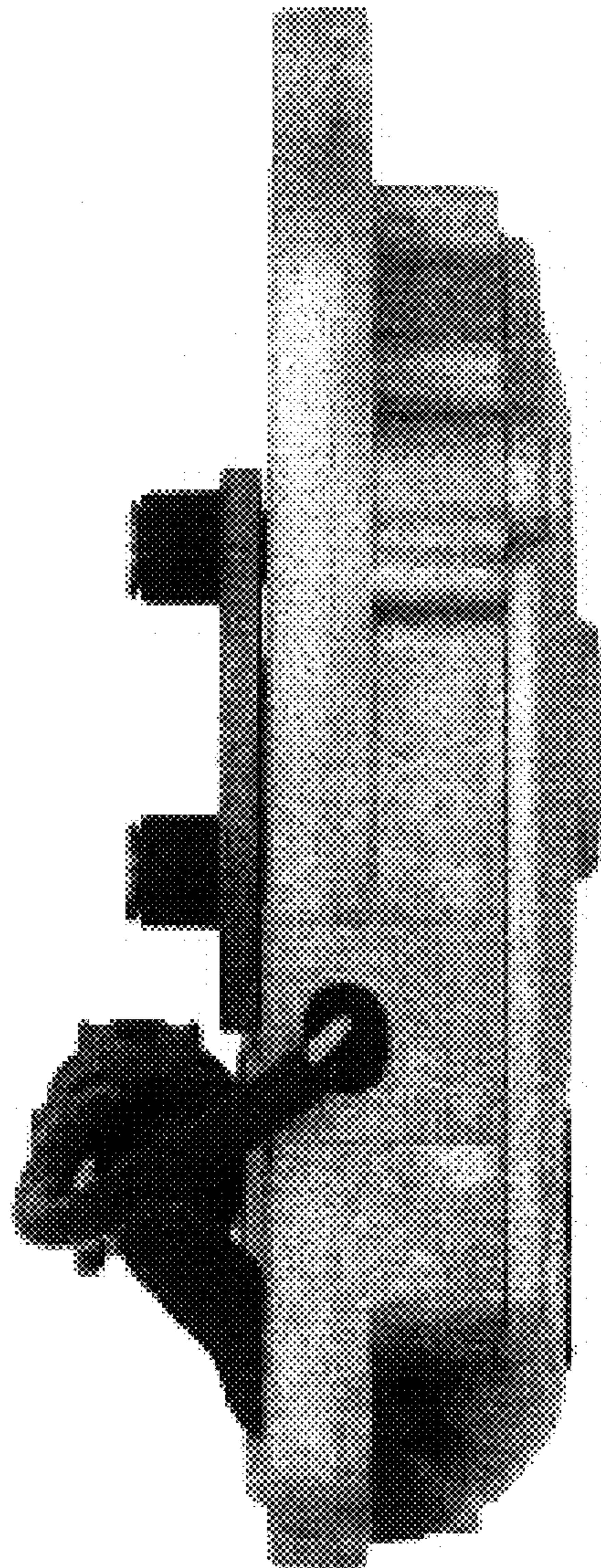


FIG. 5

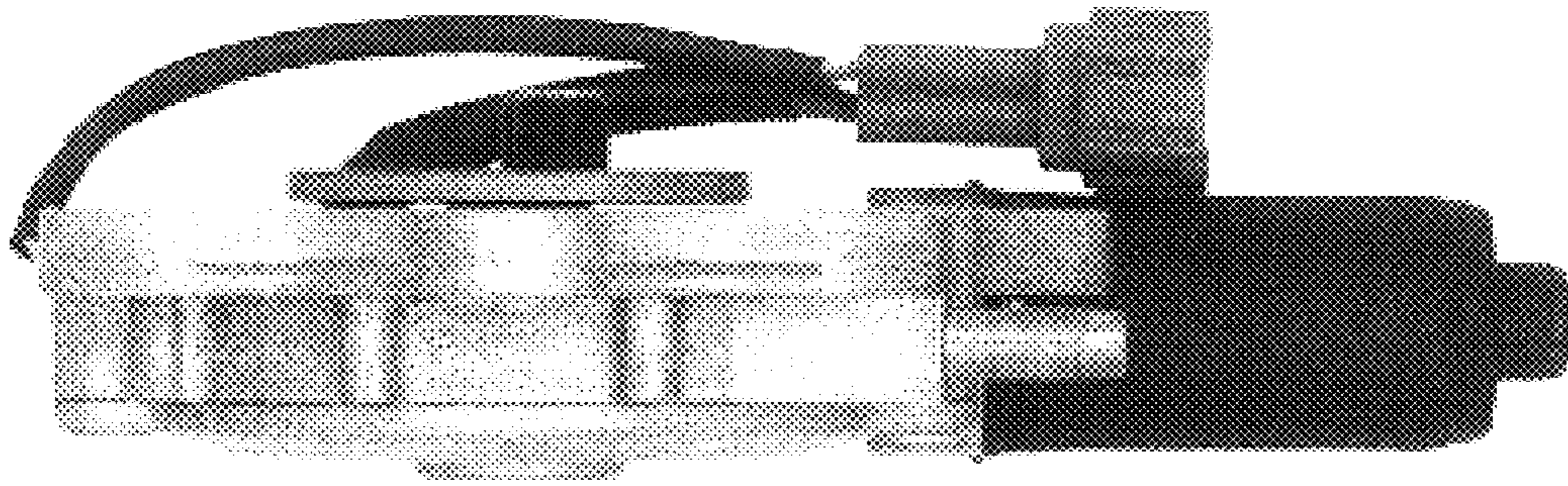


FIG. 6

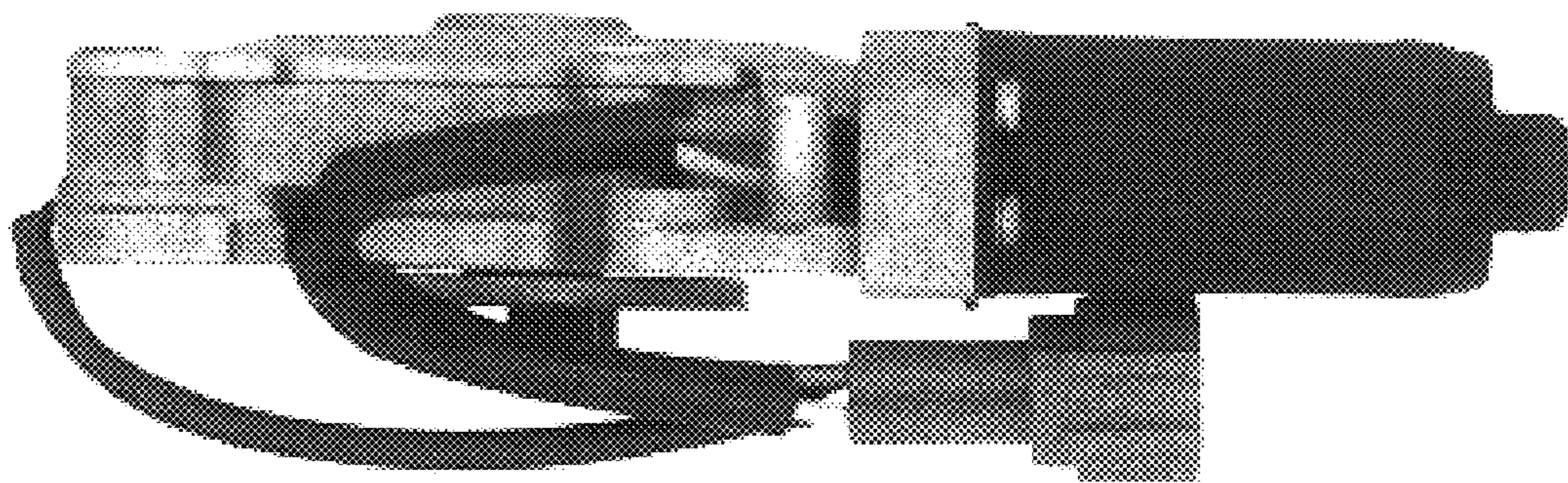


FIG. 7

