



US00D447157B1

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

(10) **Patent No.:** **US D447,157 S**

(45) **Date of Patent:** **\*\* Aug. 28, 2001**

(54) **ROD-END BEARING**

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

4,043,617 \* 8/1977 Cain et al. .... 384/207

4,678,350 \* 7/1987 Stats ..... 384/207

(75) Inventors: **Gen Sasaki; Shinichi Akao**, both of  
Nagano-ken (JP)

\* cited by examiner

(73) Assignee: **Minebea Co., Ltd.**, Nagano (JP)

*Primary Examiner*—Antoine Duval Davis

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

(74) *Attorney, Agent, or Firm*—Staas & Halsey LLP

(21) Appl. No.: **29/116,233**

(57) **CLAIM**

(22) Filed: **Dec. 30, 1999**

The ornamental design of a rod-end bearing, as shown.

(30) **Foreign Application Priority Data**

**DESCRIPTION**

Jul. 7, 1999 (JP) ..... 11-18128

The file of the patent contains at least one drawing executed in color.

(51) **LOC (7) Cl.** ..... **15-09**

FIG. 1 is a front view of a rod-end bearing showing our new design;

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

FIG. 2 is a rear view thereof;

(58) **Field of Search** ..... D15/143; 384/207,  
384/208, 192

FIG. 3 is a left side view thereof;

FIG. 4 is a right side view thereof;

(56) **References Cited**

FIG. 5 is a top plane view thereof: and,

FIG. 6 is a bottom plane view thereof.

**U.S. PATENT DOCUMENTS**

**1 Claim, 6 Drawing Sheets**

D. 236,020 \* 7/1975 Wachter ..... D15/143

2,753,225 \* 7/1956 Gilmer, III ..... 384/207

**(6 of 6 Drawing Sheet(s) Filed in Color)**



Figure 1



Figure 2



Figure 3

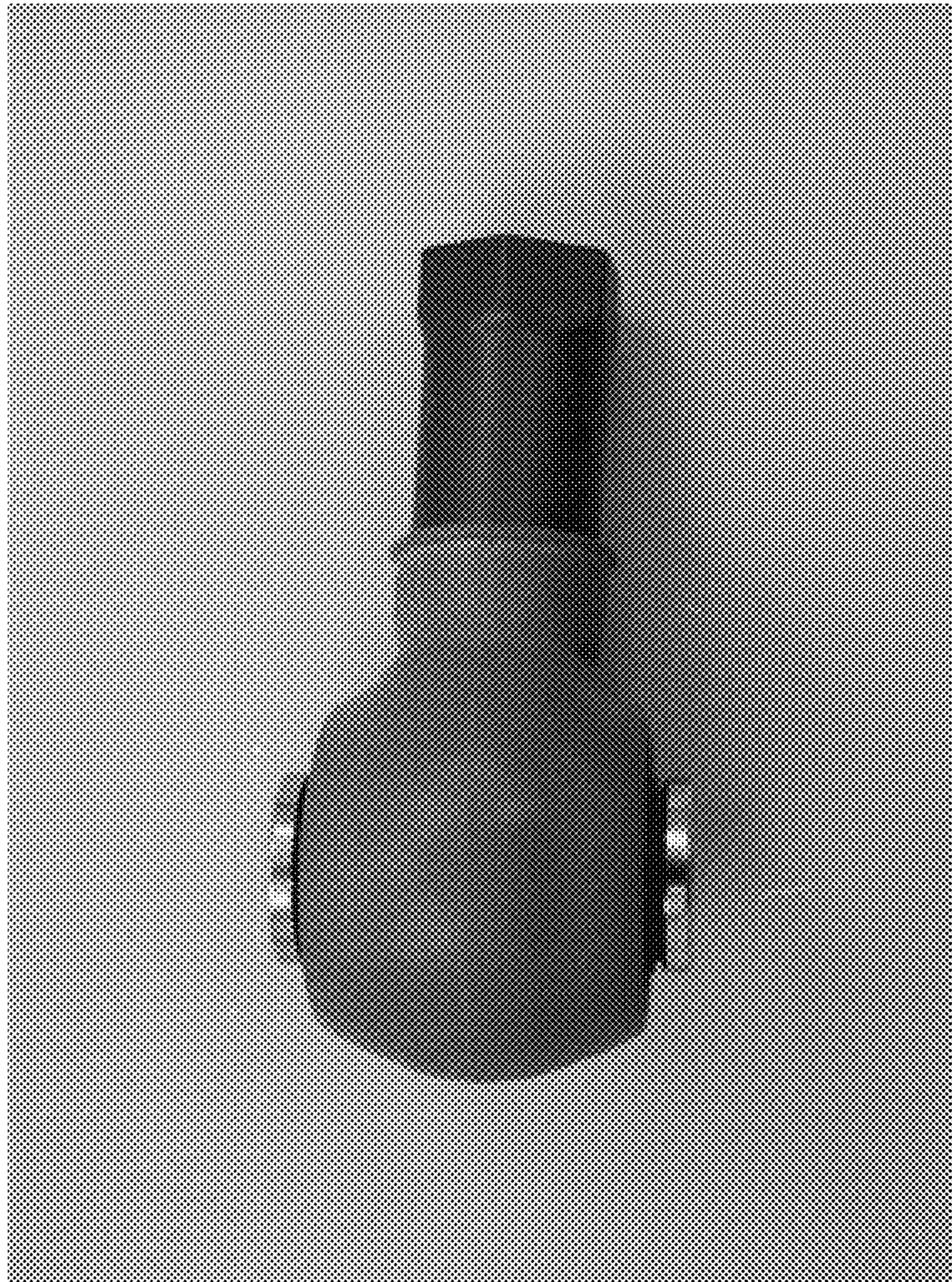


Figure 4

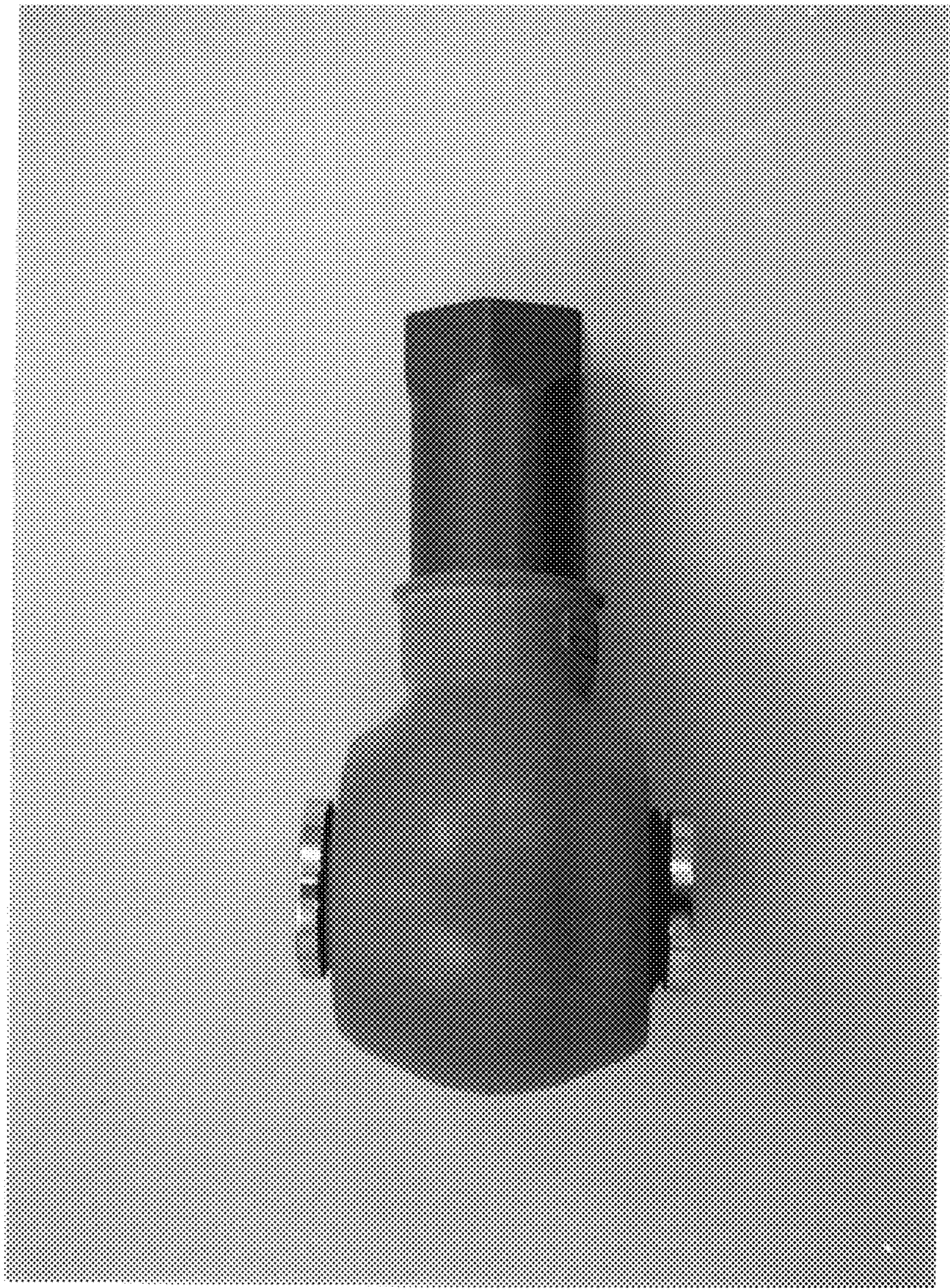


Figure 5

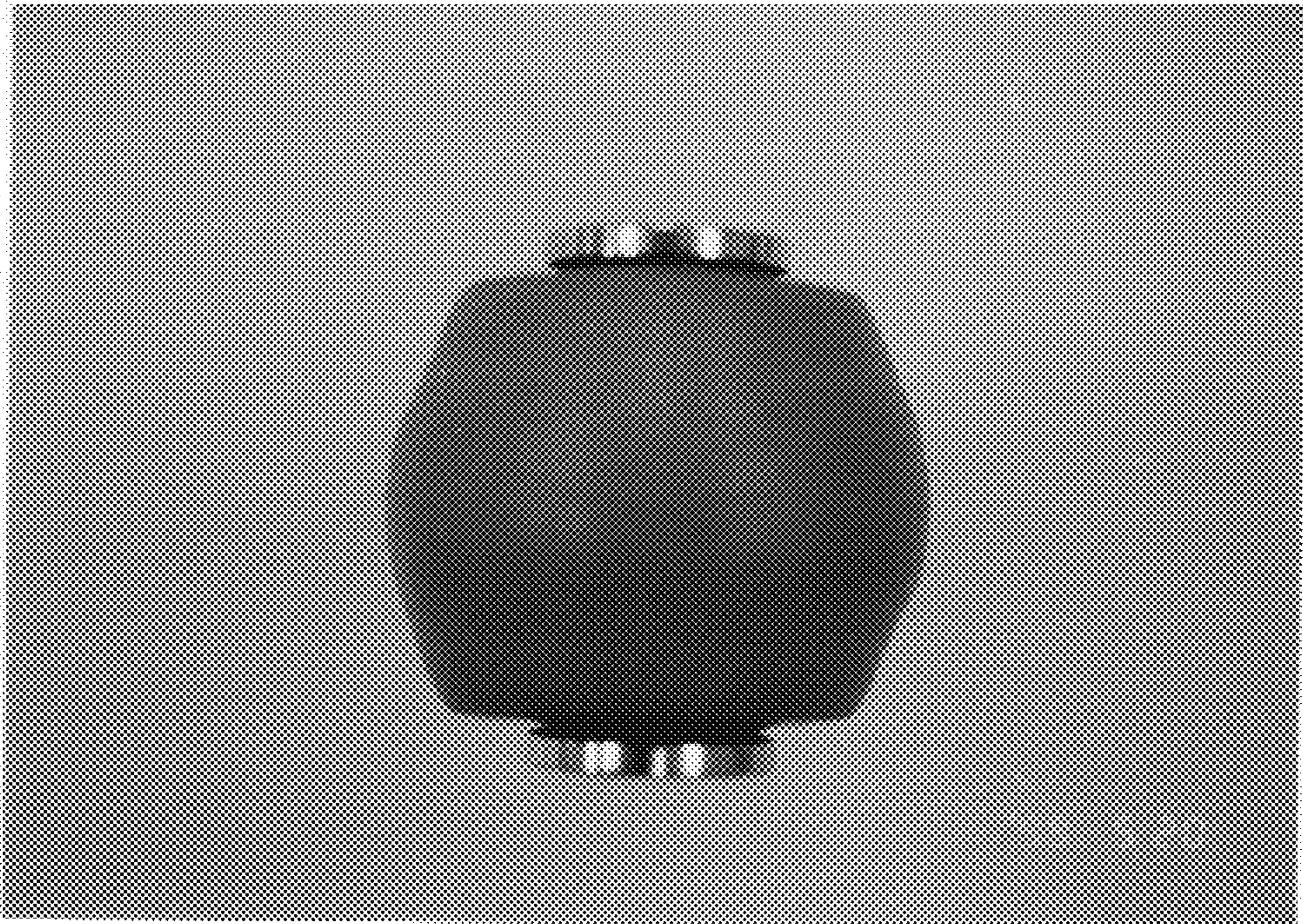


Figure 6

