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

(10) **Patent No.:** **US D489,038 S**

(45) **Date of Patent:** **\*\* Apr. 27, 2004**

(54) **PHOTOELECTRIC CONVERSION DEVICE**

**FOREIGN PATENT DOCUMENTS**

(75) Inventor: **Kazuhiro Shimada**, Kawasaki (JP)  
(73) Assignee: **Kabushiki Kaisha Toshiba**, Tokyo (JP)  
(\*\*) Term: **14 Years**

JP 59090965 A \* 5/1984 ..... H01L/31/02  
JP 61105518 A \* 5/1986 ..... G02B/06/42  
JP 737044 6/1988  
JP 748183 11/1988  
JP 798960 10/1990  
JP 737044-1 12/1990

(21) Appl. No.: **29/161,299**  
(22) Filed: **May 28, 2002**

\* cited by examiner

*Primary Examiner*—Holly Baynham

(74) *Attorney, Agent, or Firm*—Oblon, Spivak, McClelland, Maier & Neustadt, PC

(30) **Foreign Application Priority Data**

(57) **CLAIM**

Nov. 29, 2001 (JP) ..... 2001-035100

The ornamental design for a photoelectric conversion device, as shown.

(51) **LOC (7) Cl.** ..... **13-02**

(52) **U.S. Cl.** ..... **D13/101**

(58) **Field of Search** ..... D13/101; 250/239,  
250/208.1, 214 A, 214 R, 214.1

**DESCRIPTION**

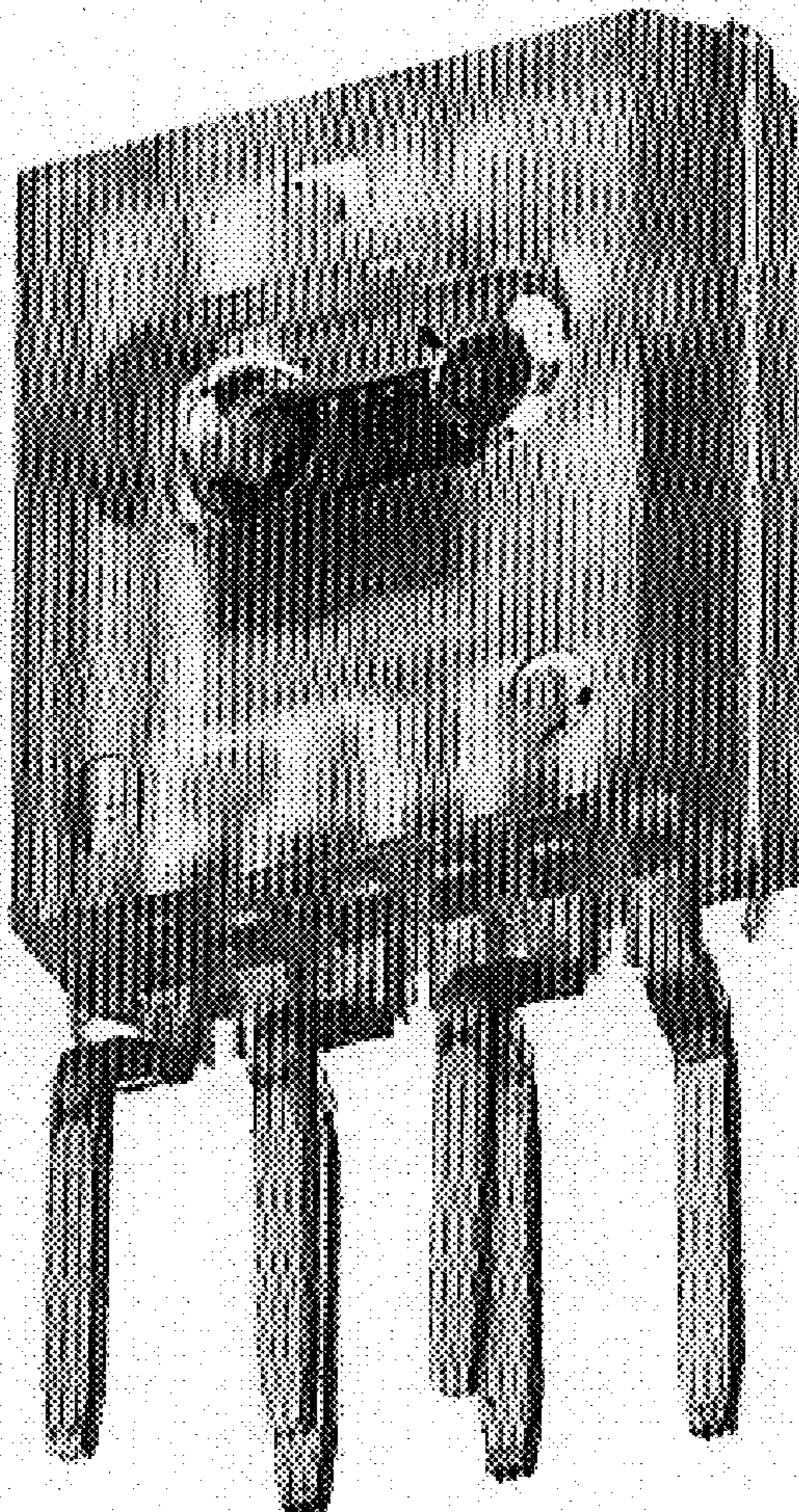
FIG. 1 is a front, bottom and right side perspective view of a photoelectric conversion device, showing my new design; FIG. 2 is a top plan view thereof; FIG. 3 is right side elevational view thereof; FIG. 4 is a front elevational view thereof; FIG. 5 is a rear elevational view thereof; FIG. 6 is a left side elevational view thereof; and, FIG. 7 is a bottom plan view thereof.

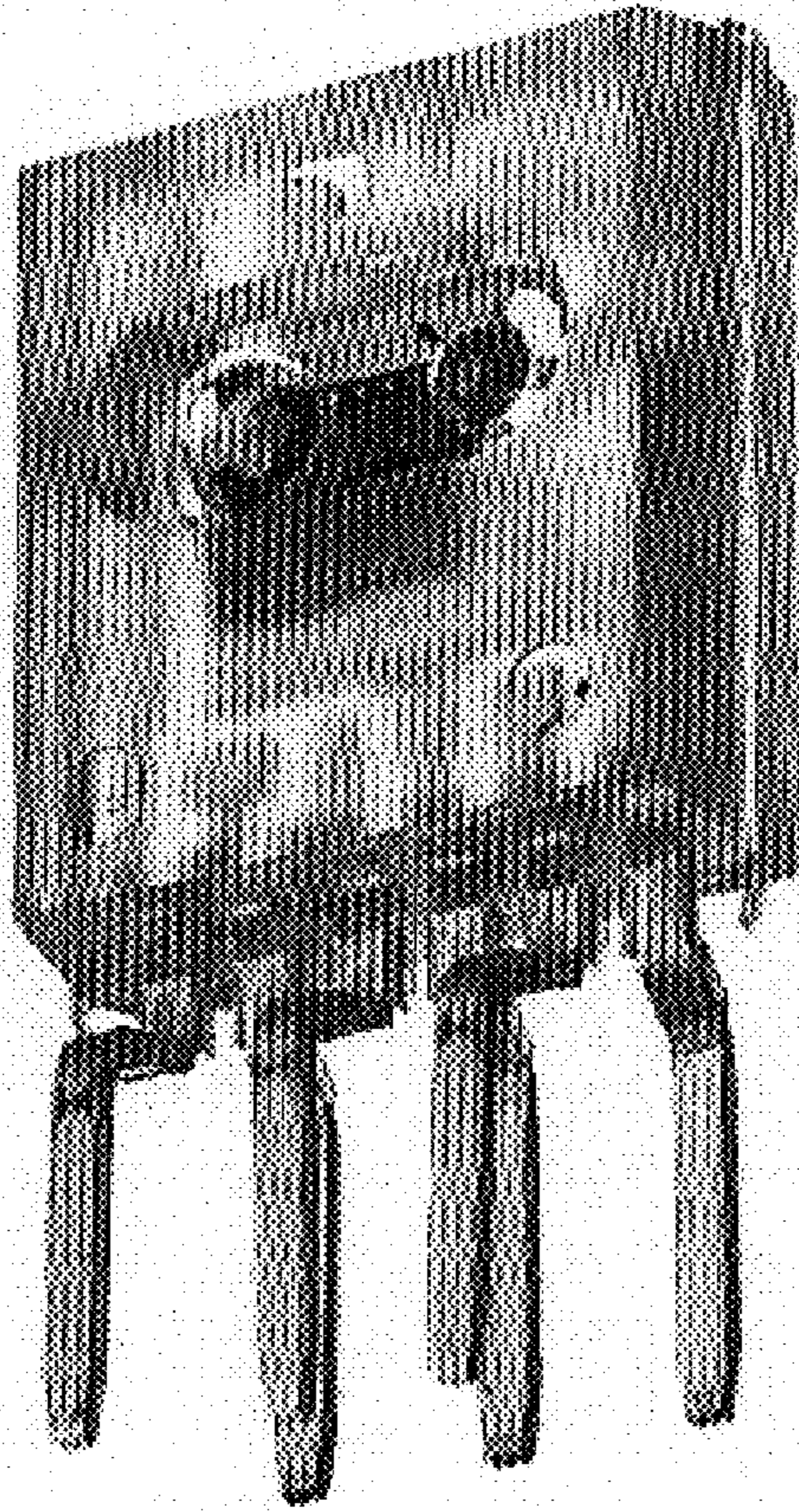
(56) **References Cited**

**U.S. PATENT DOCUMENTS**

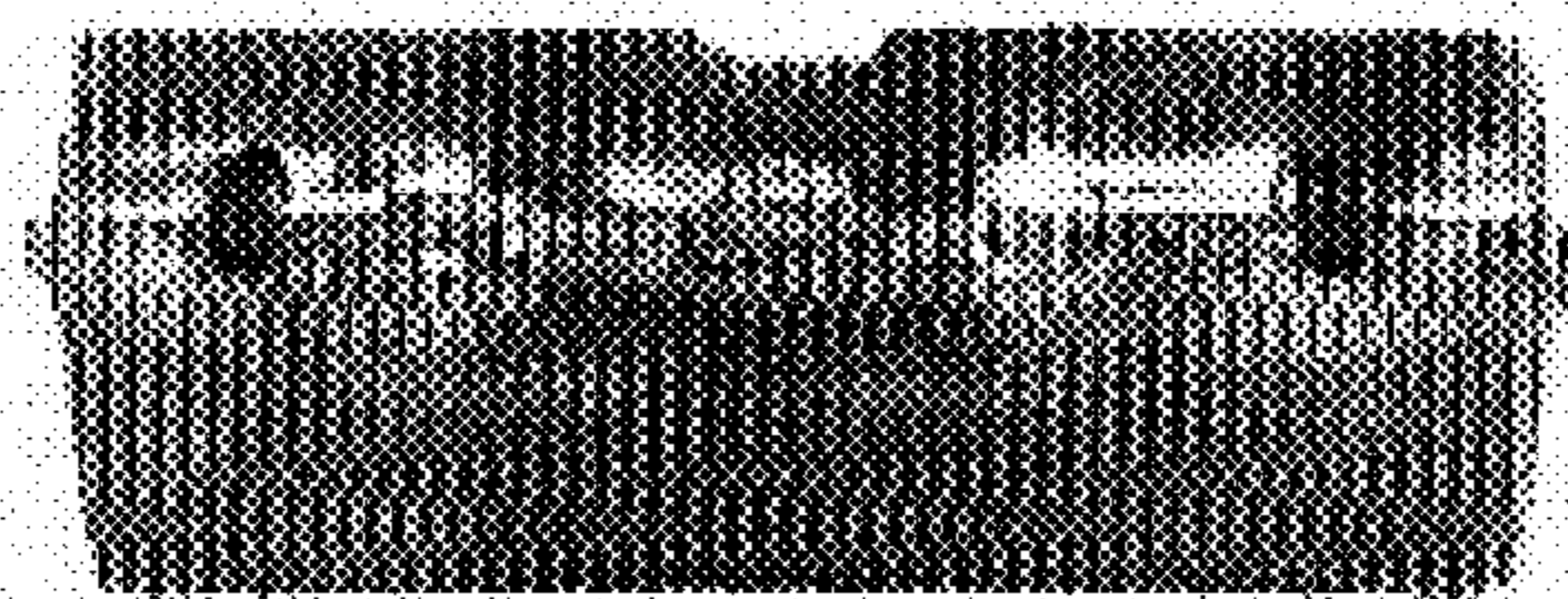
4,309,605 A \* 1/1982 Okabe ..... 250/239  
5,132,532 A \* 7/1992 Watanabe ..... 250/239  
5,399,858 A \* 3/1995 Kinoshita ..... 250/239  
5,432,340 A \* 7/1995 Shibata ..... 250/239  
5,545,893 A \* 8/1996 Brown et al. .... 250/239

**1 Claim, 5 Drawing Sheets**

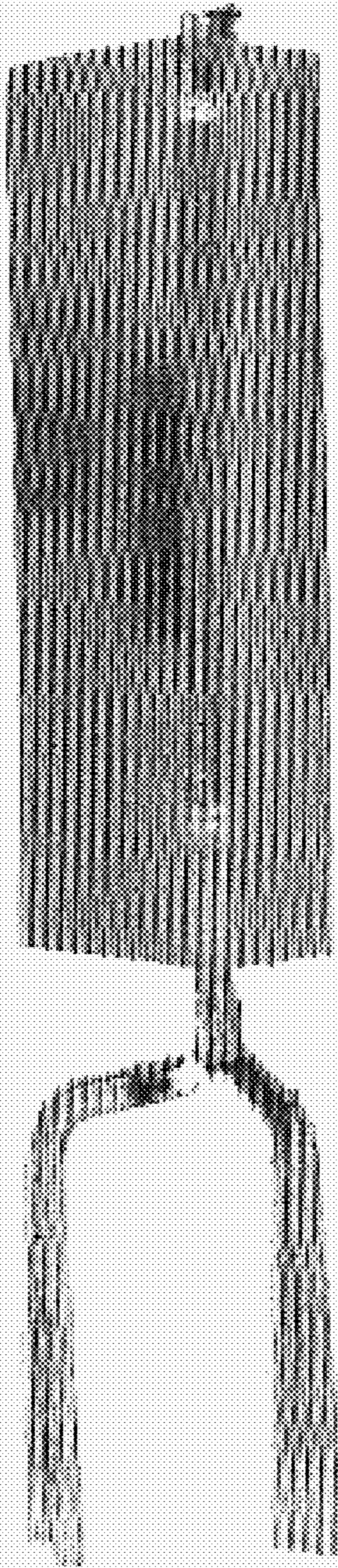




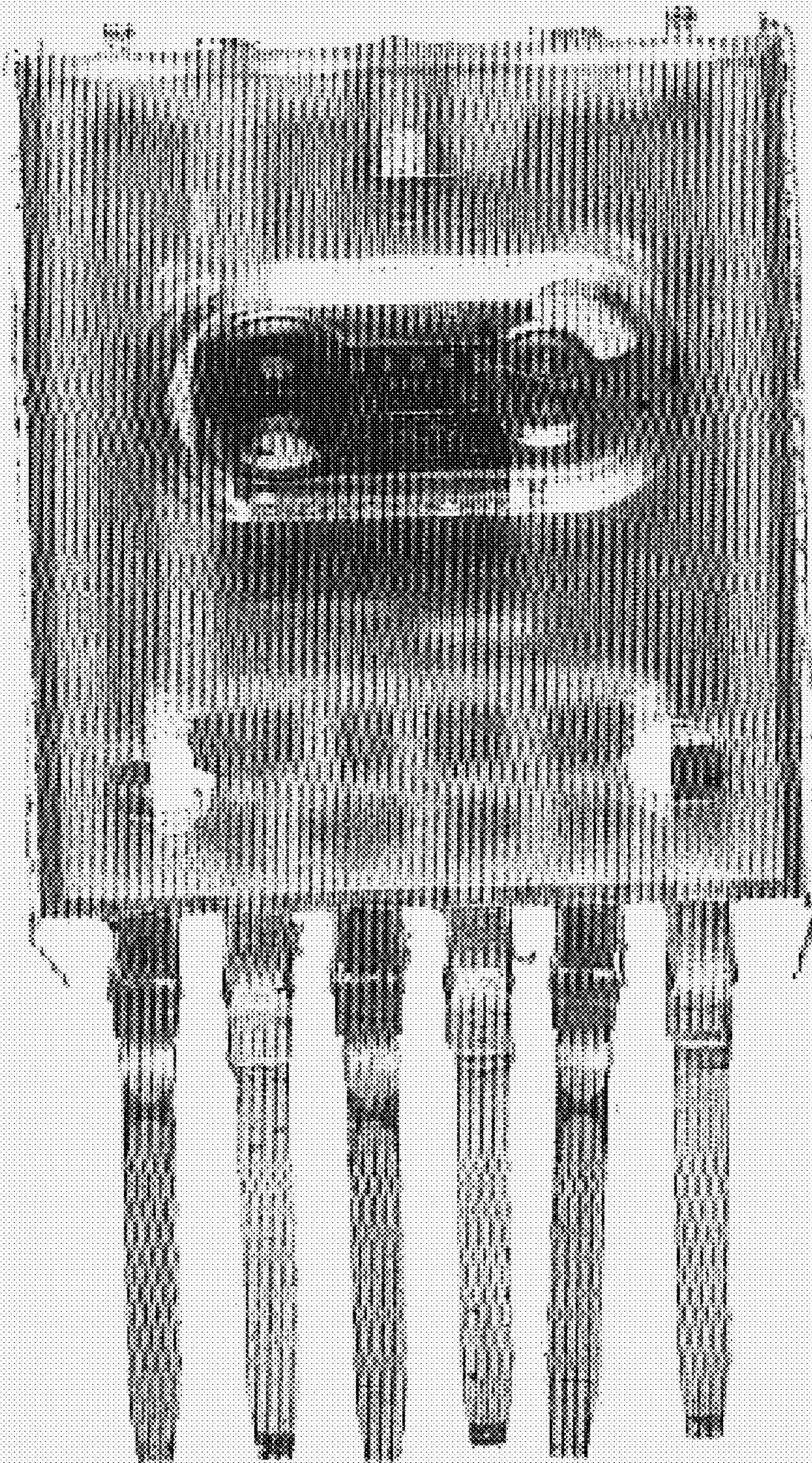
*FIG. 1*



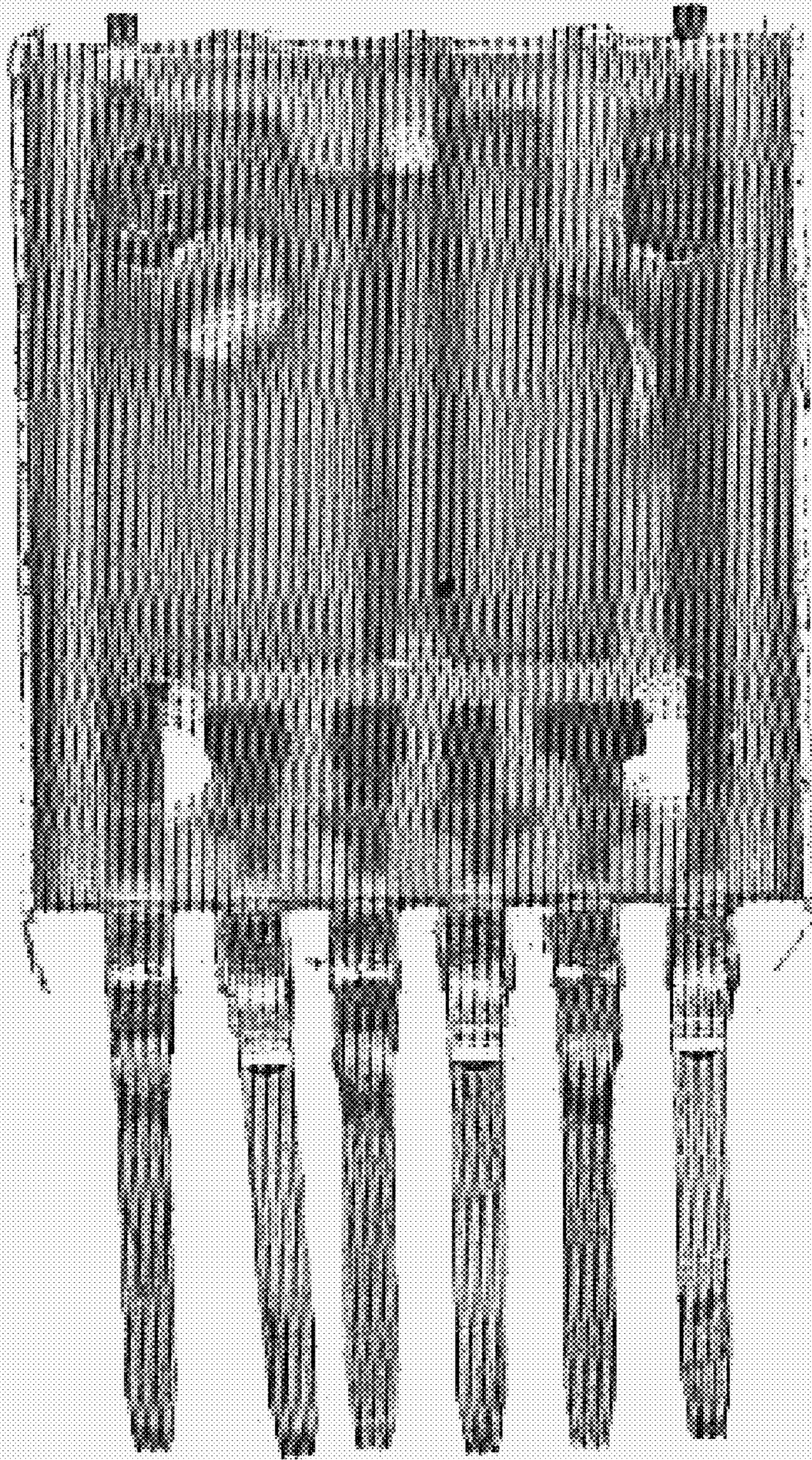
*FIG. 2*



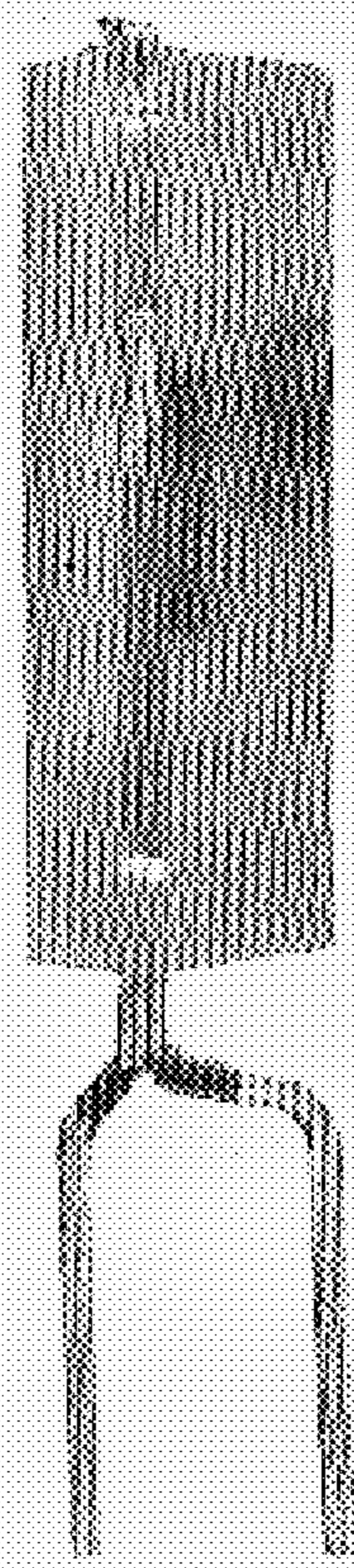
*FIG. 3*



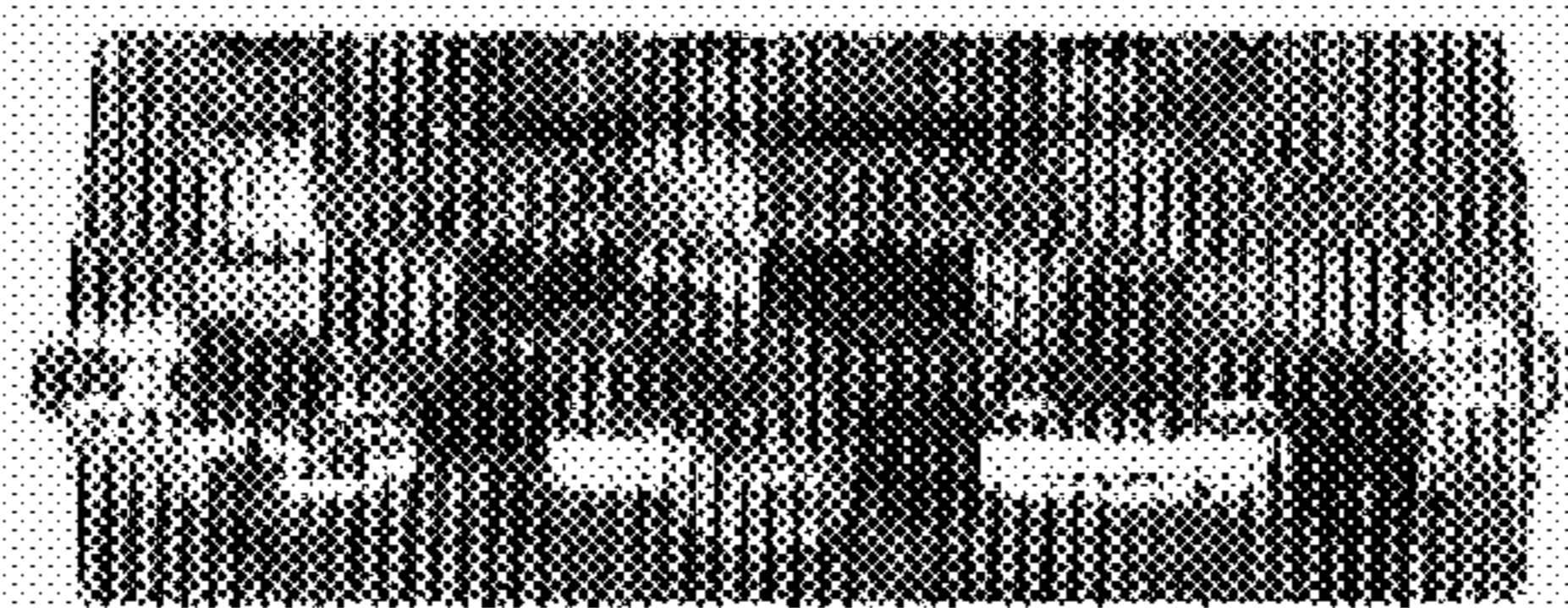
*FIG. 4*



*FIG. 5*



*FIG. 6*



*FIG. 7*