

# United States Patent [19]

Ogawa et al.

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[54] **TRANSMITTER AND RECEIVER FOR MICROWAVE COMMUNICATIONS**

[75] Inventors: **Shigeo Ogawa; Yoshio Minowa**, both of Tokyo, Japan

[73] Assignee: **NEC Corporation**, Tokyo, Japan

[\*\*] Term: **14 Years**

[21] Appl. No.: **278,310**

[22] Filed: **Nov. 30, 1988**

[30] **Foreign Application Priority Data**

May 30, 1988 [JP] Japan ..... 63-21467

[52] U.S. Cl. .... **D14/231; D14/230**

[58] Field of Search ..... **D14/230-238;**  
343/720, 721, 730, 741, 746, 747, 748, 805, 806,  
815, 820, 872, 873, 907, 908, 909

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Macpeak & Seas

[57] **CLAIM**

The ornamental design for a transmitter and receiver for microwave communications, as shown.

## DESCRIPTION

FIG. 1 is a right side elevational view of a transmitter and receiver for microwave communications showing our new design;

FIG. 2 is a top plan view thereof;

FIG. 3 is a left side elevational view thereof;

FIG. 4 is a front elevational view thereof;

FIG. 5 is a rear elevational view thereof;

FIG. 6 is a bottom plan view thereof; and

FIG. 7 is a rear, top and right side perspective view thereof.

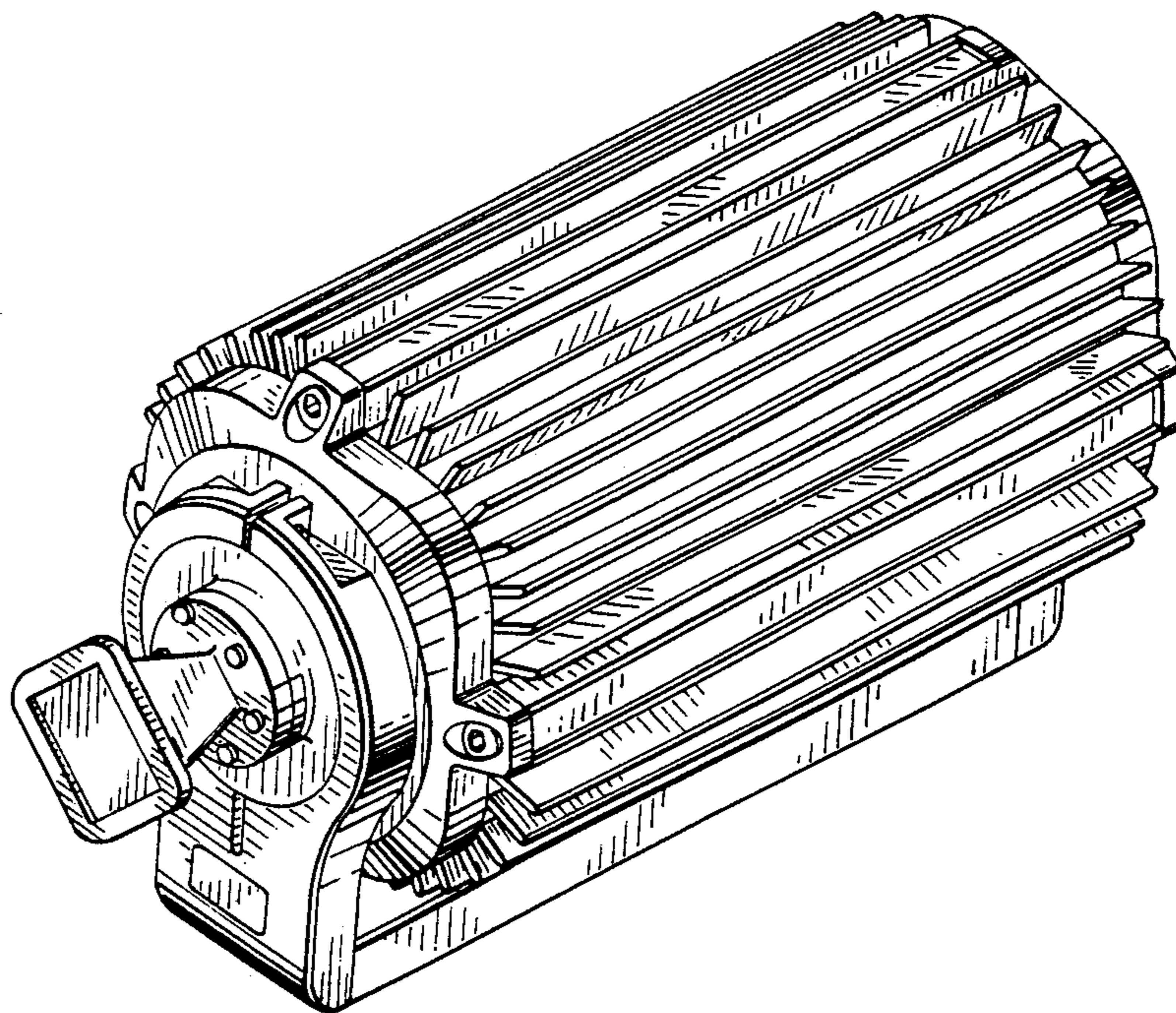


FIG. 2

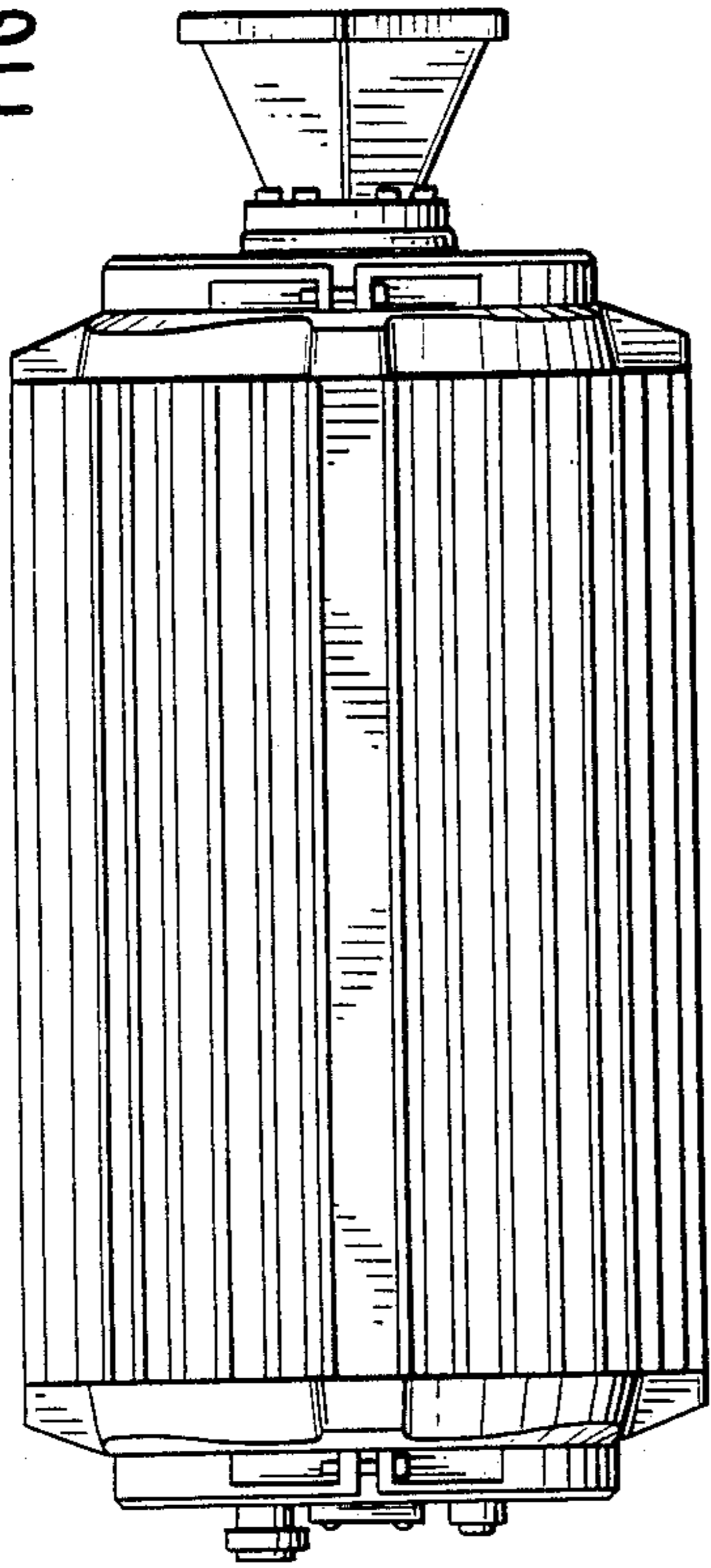


FIG. 4

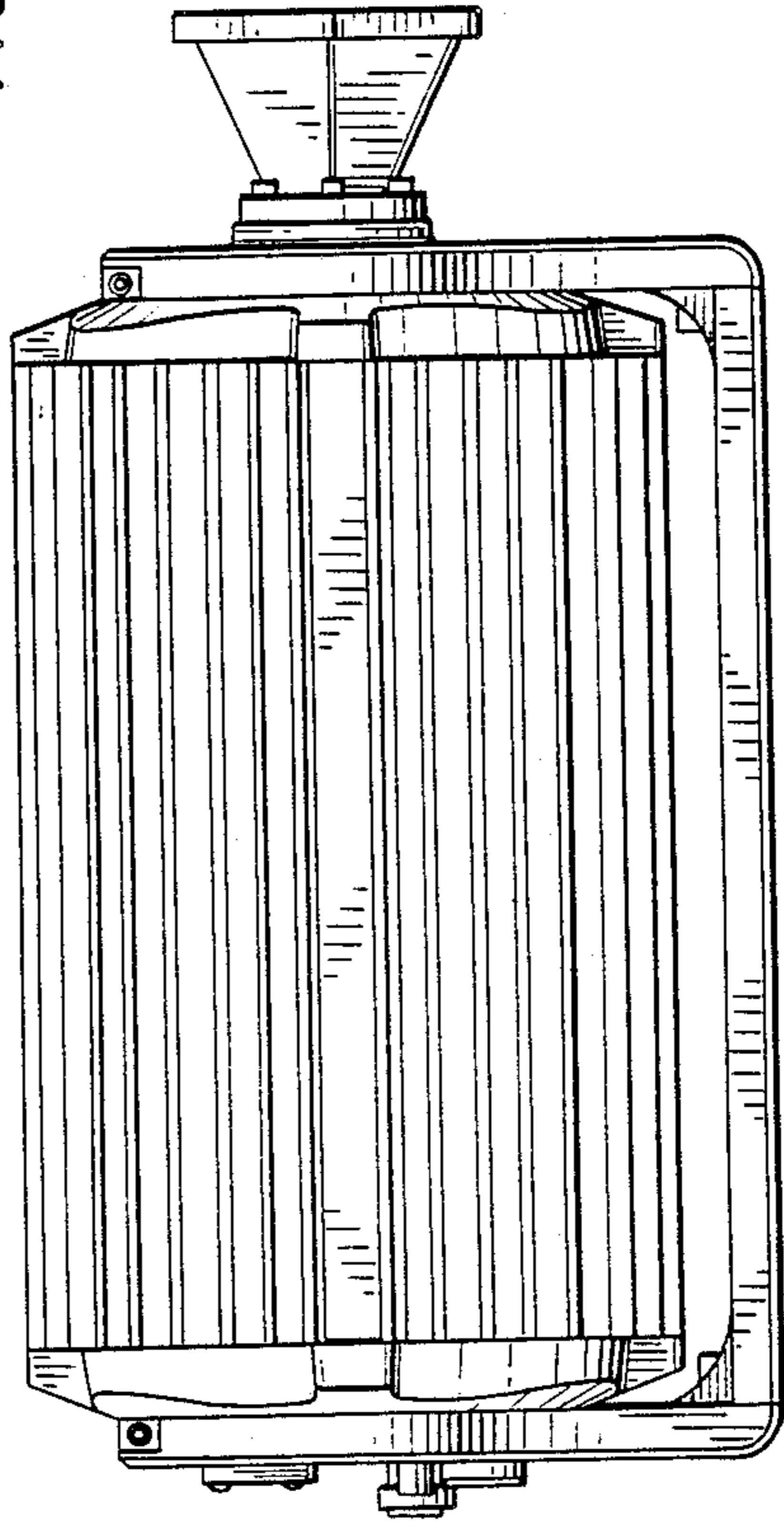


FIG. 1

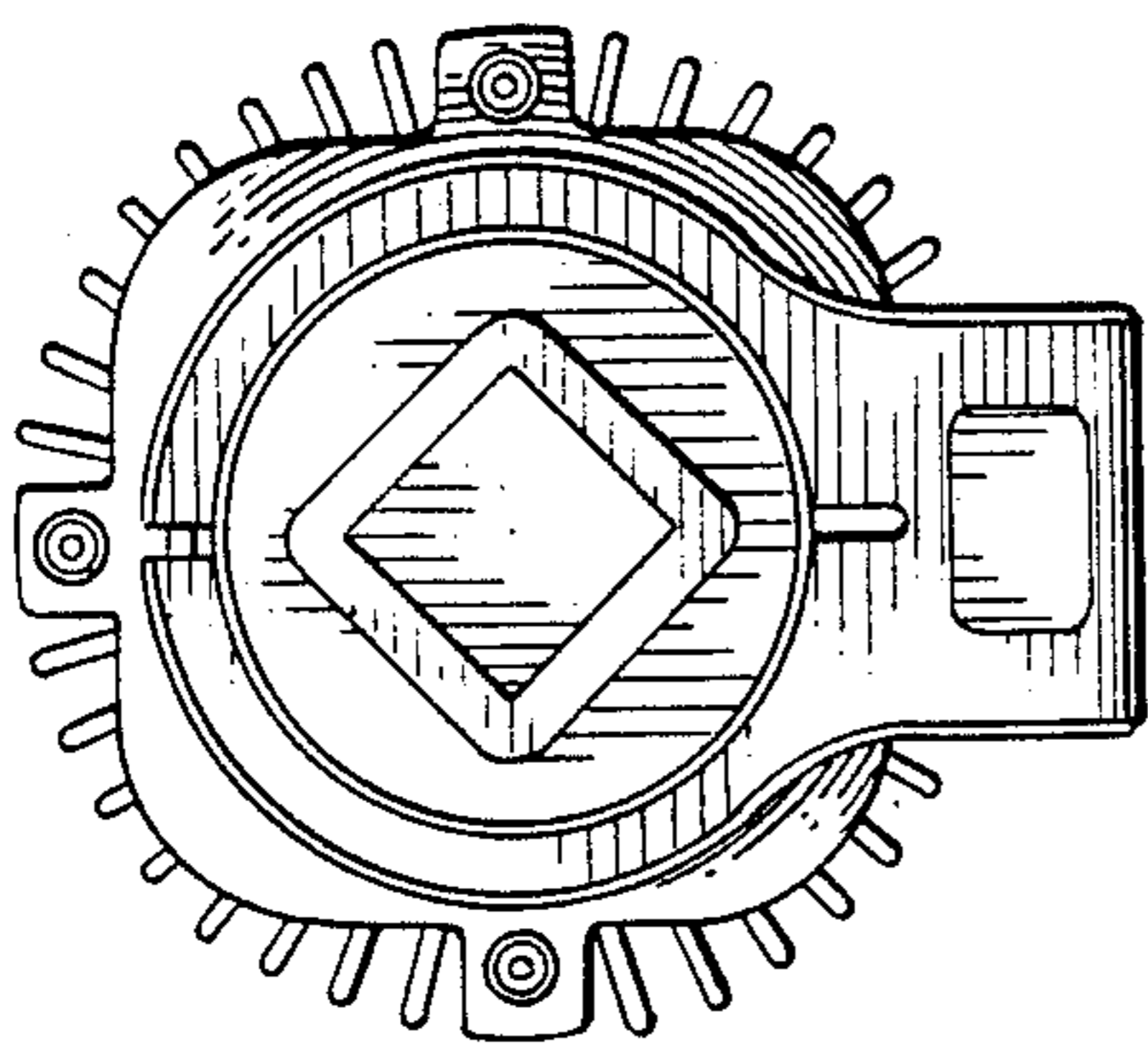


FIG. 3

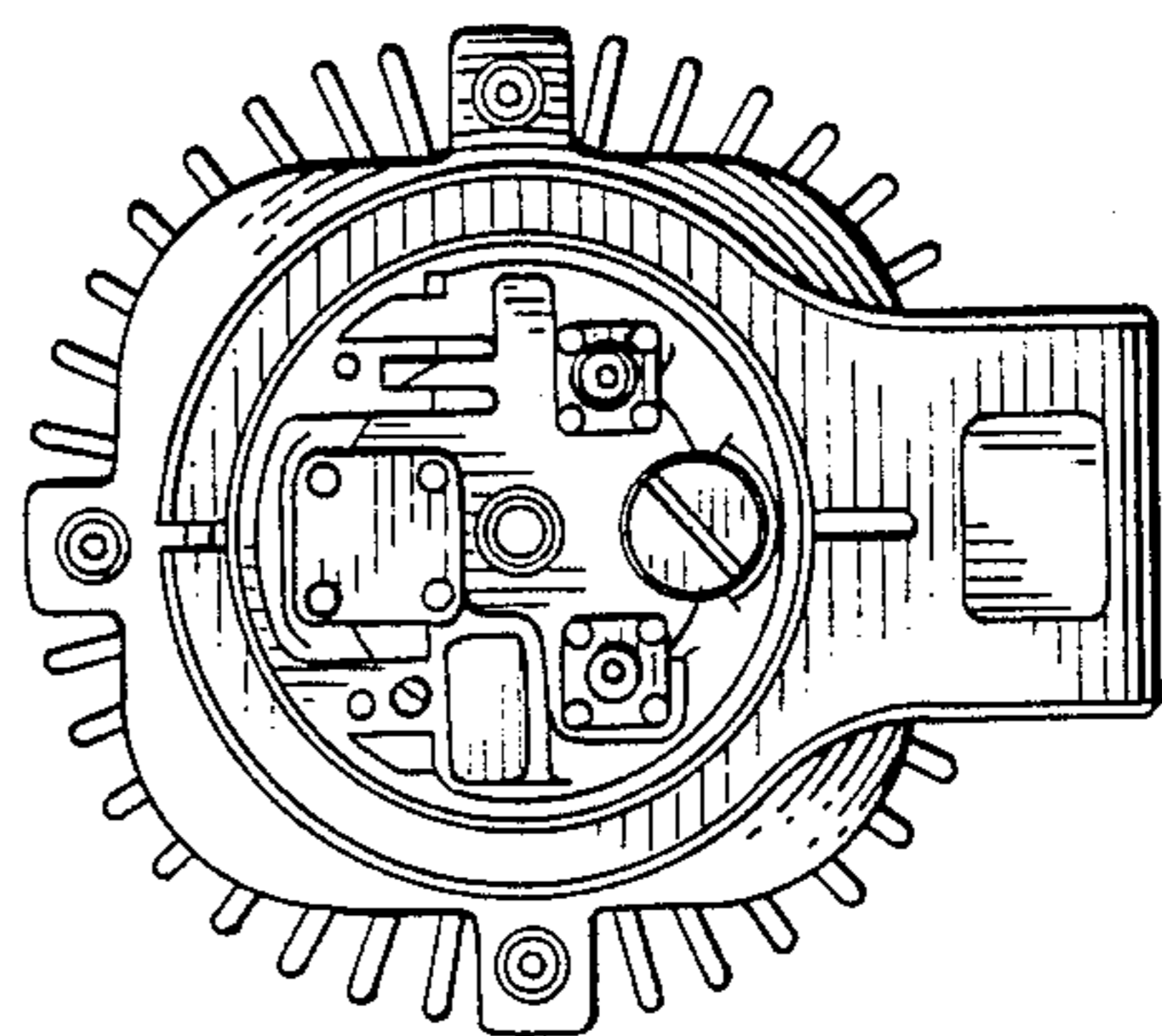


FIG. 5

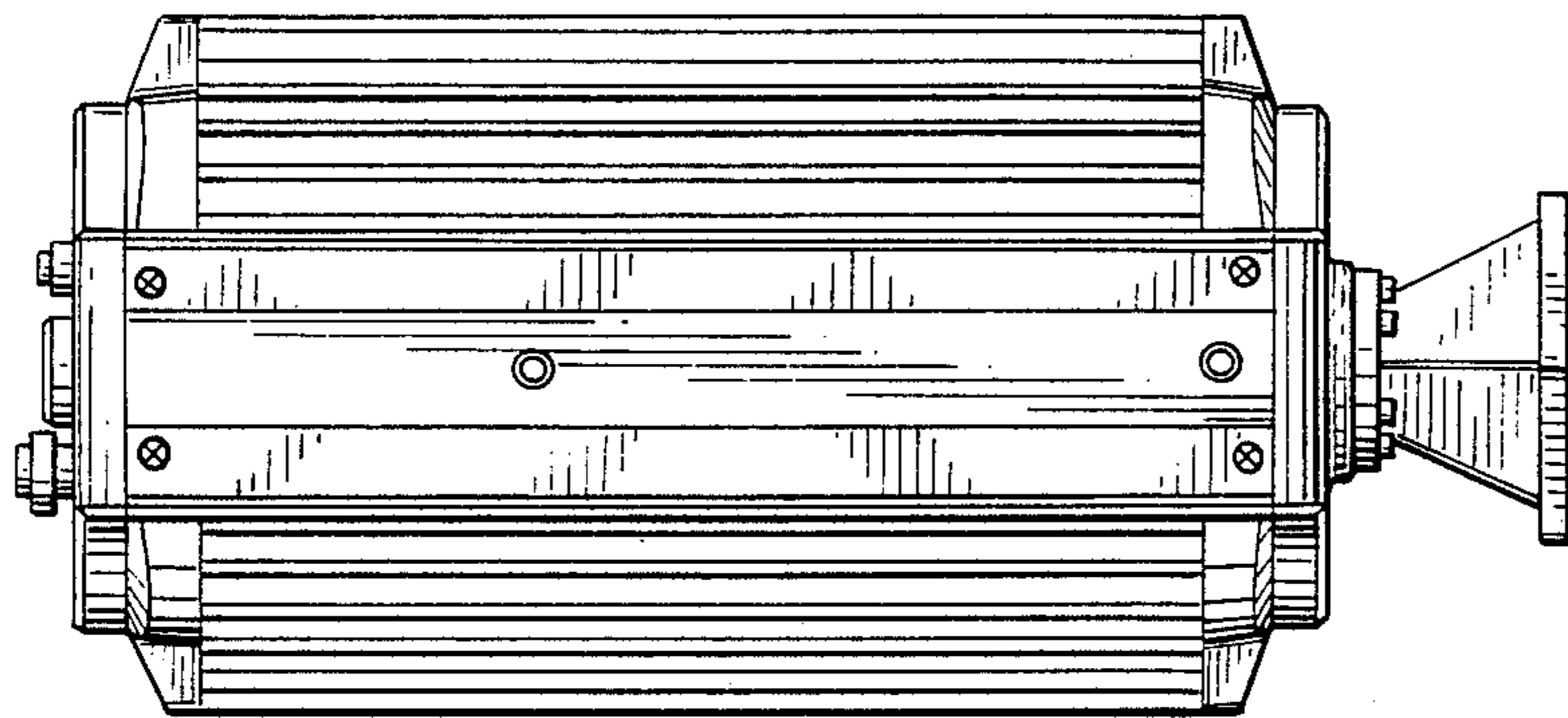
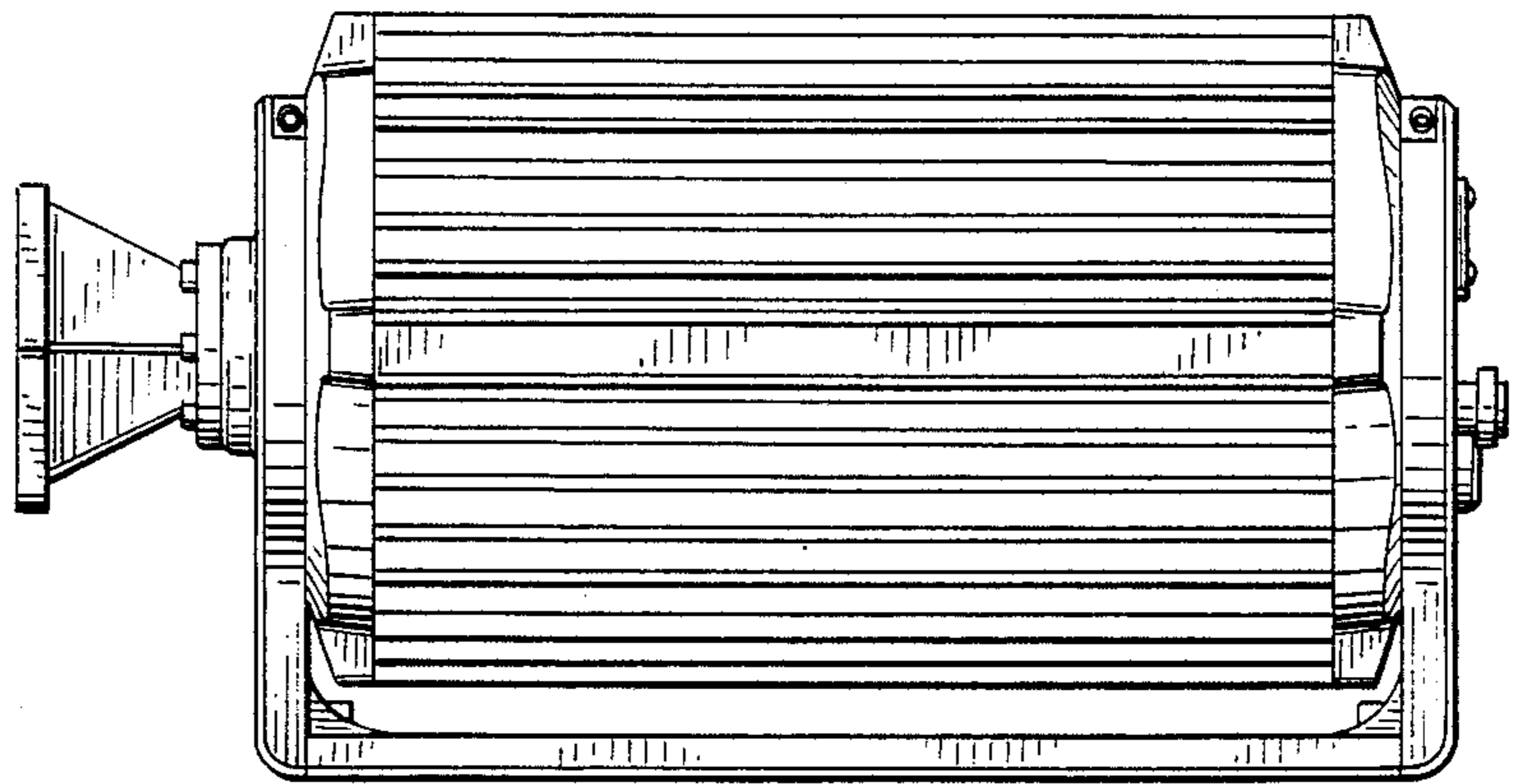


FIG. 6

FIG. 7

