



US00D438891S

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

(10) **Patent No.:** **US D438,891 S**

(45) **Date of Patent:** **** Mar. 13, 2001**

(54) **CLEANING CARTRIDGE**

D. 418,156 * 12/1999 Maeda D18/43
6,070,029 * 5/2000 Nishiawatoko et al. 399/111

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* cited by examiner

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

(57) **CLAIM**

(21) Appl. No.: **29/108,469**

The ornamental design for a cleaning cartridge, as shown and described.

(22) Filed: **Jul. 29, 1999**

(30) **Foreign Application Priority Data**

DESCRIPTION

Feb. 1, 1999 (JP) 11-1908

FIG. 1 is a perspective view of the top, front and right side of a cleaning cartridge showing our new design;

(51) **LOC (7) Cl.** **16-03**

FIG. 2 is a top plan view thereof;

(52) **U.S. Cl.** **D18/40**

FIG. 3 is a front view thereof;

(58) **Field of Search** D18/40, 43, 56;
399/24, 25, 27, 31, 33, 34, 35, 107, 110,
111, 115, 119, 120, 123; 222/DIG. 1

FIG. 4 is a left side view thereof;

FIG. 5 is a right side view thereof;

(56) **References Cited**

FIG. 6 is a rear view thereof; and,

FIG. 7 is a bottom view thereof.

U.S. PATENT DOCUMENTS

D. 377,663 * 1/1997 Ziegler D18/43

1 Claim, 4 Drawing Sheets

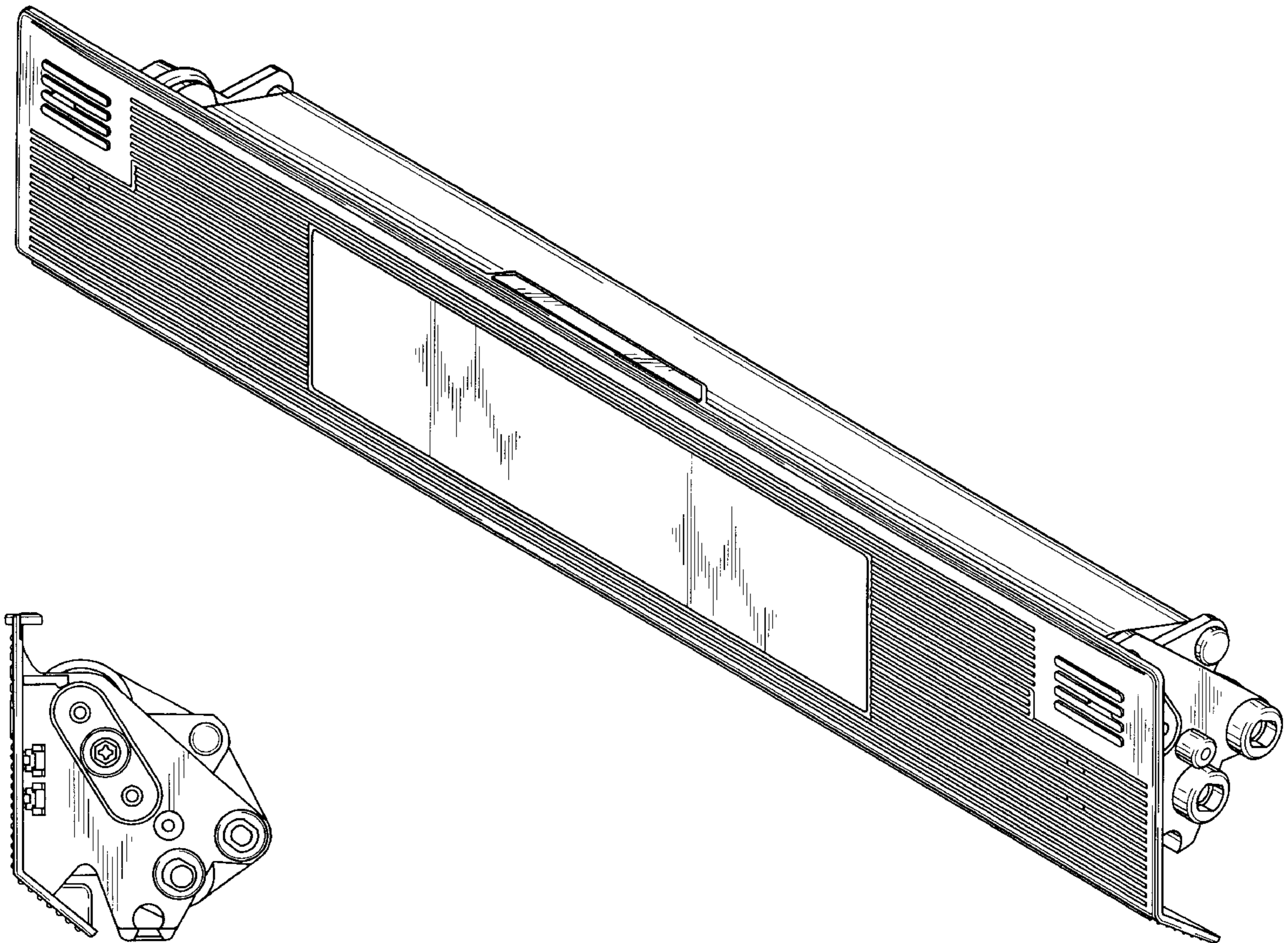


FIG. 1

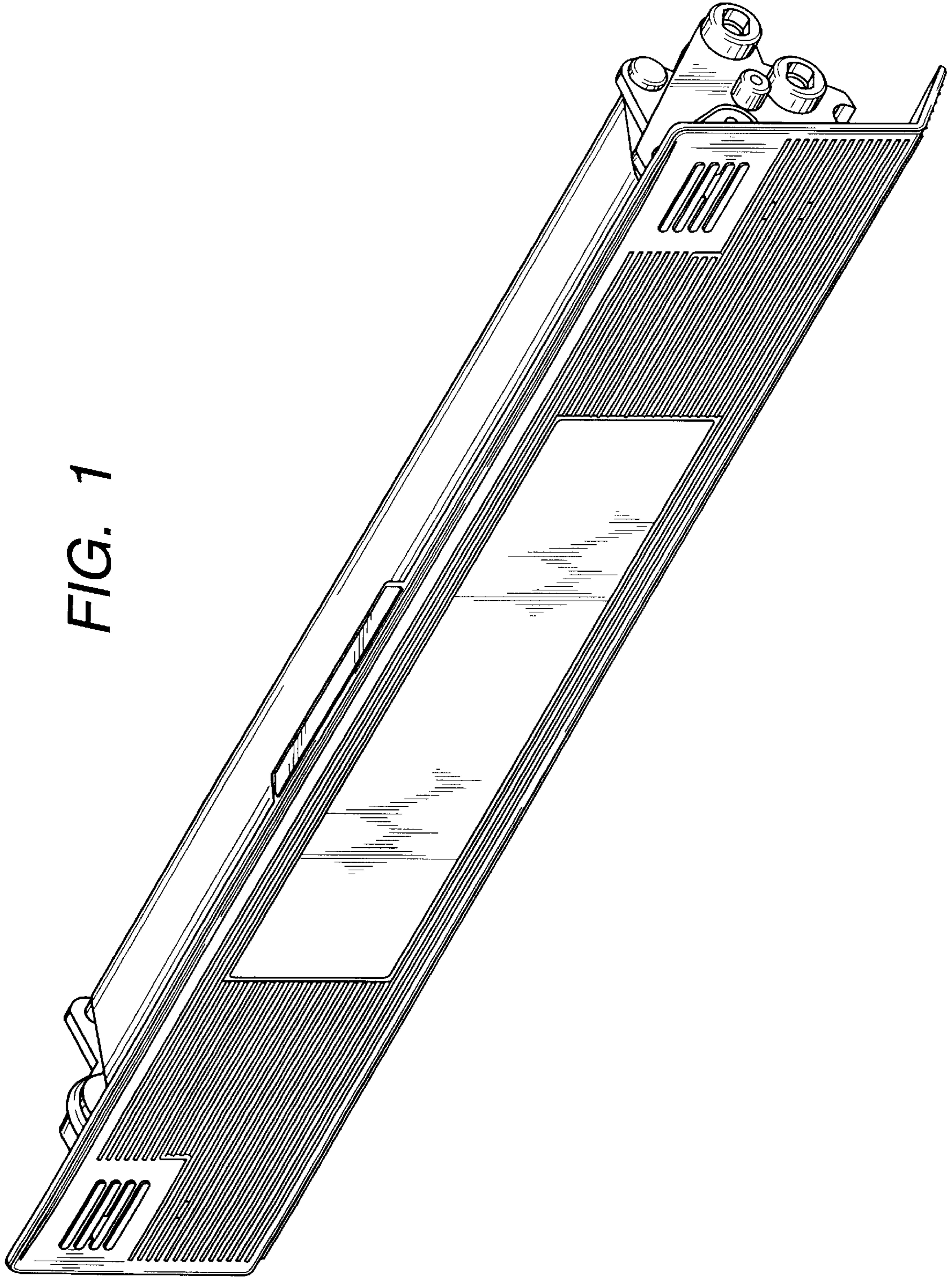


FIG. 2

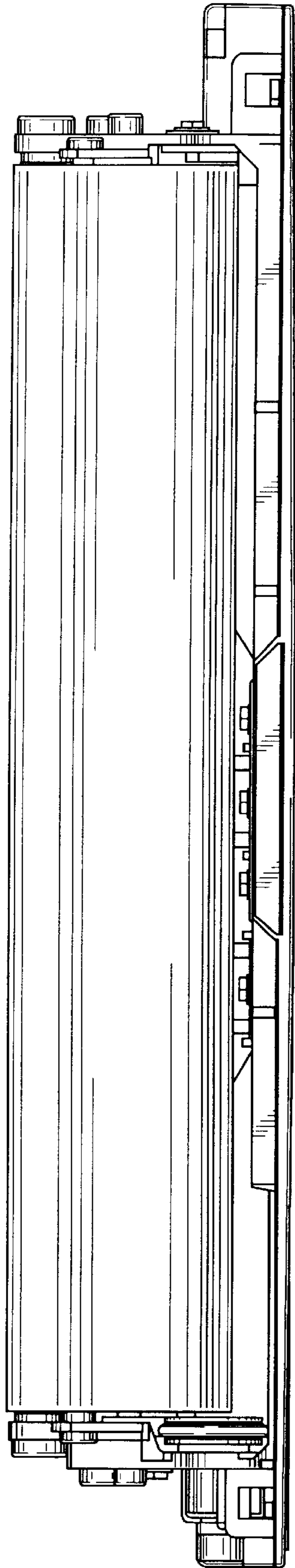


FIG. 3

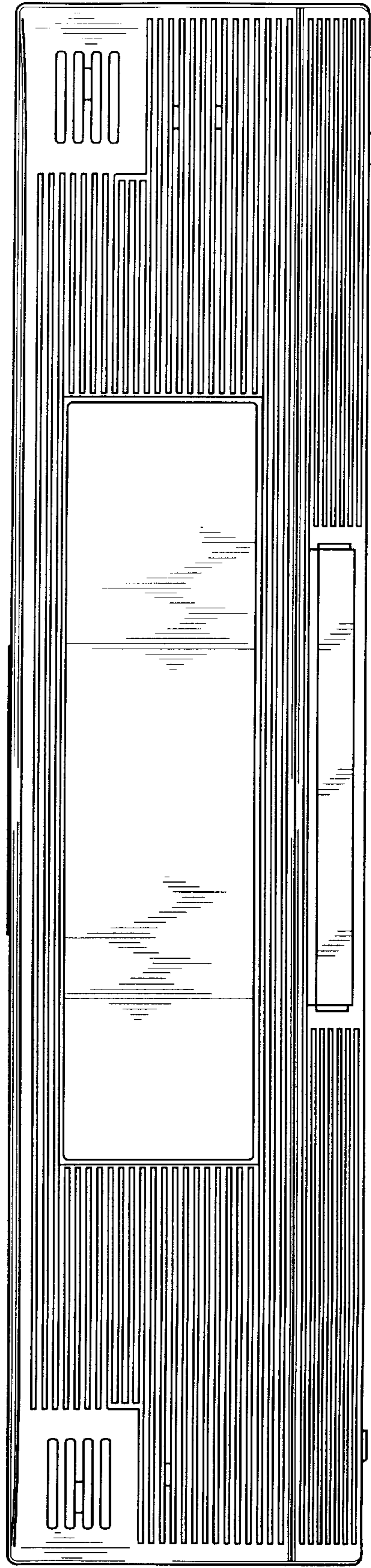


FIG. 4

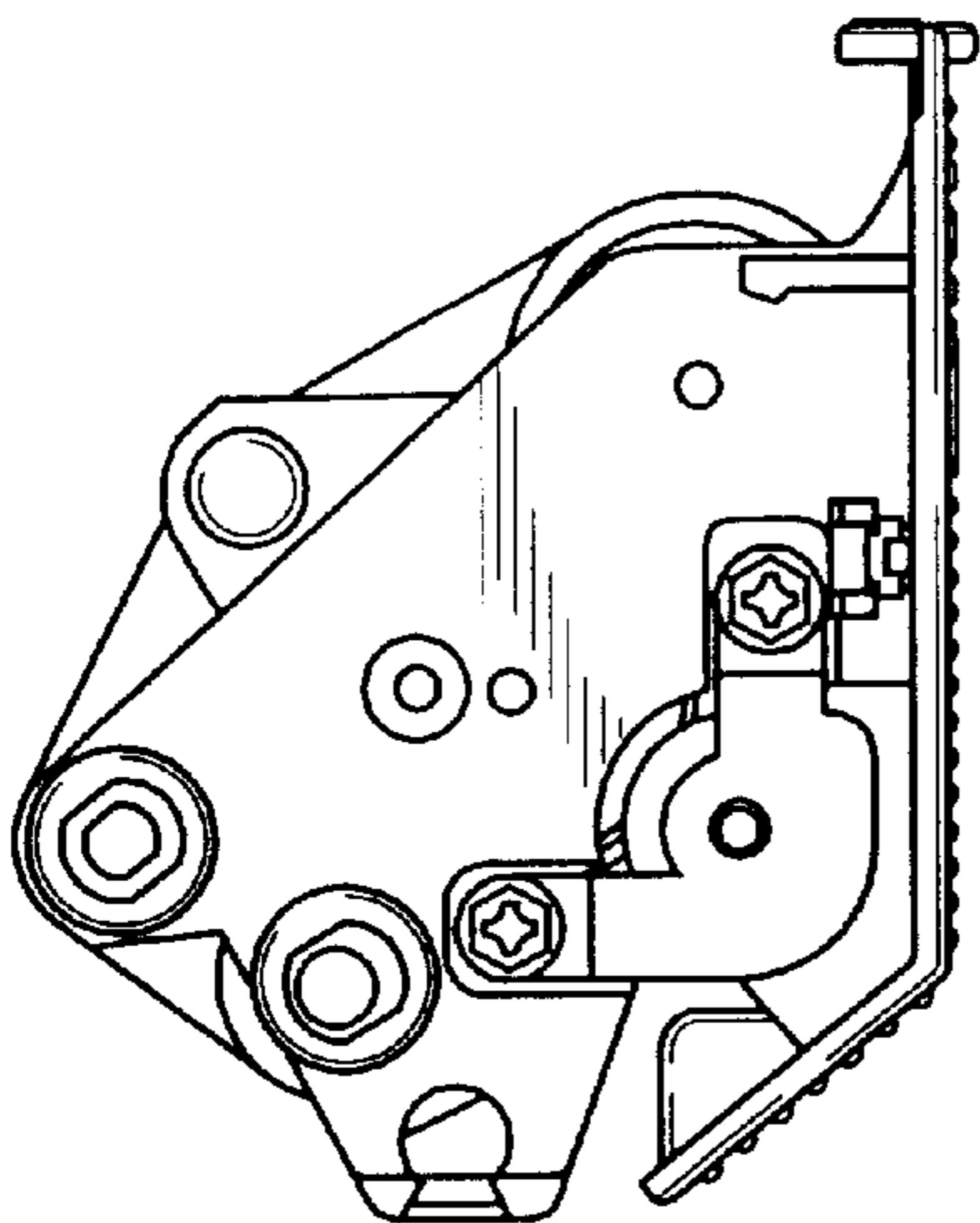


FIG. 5

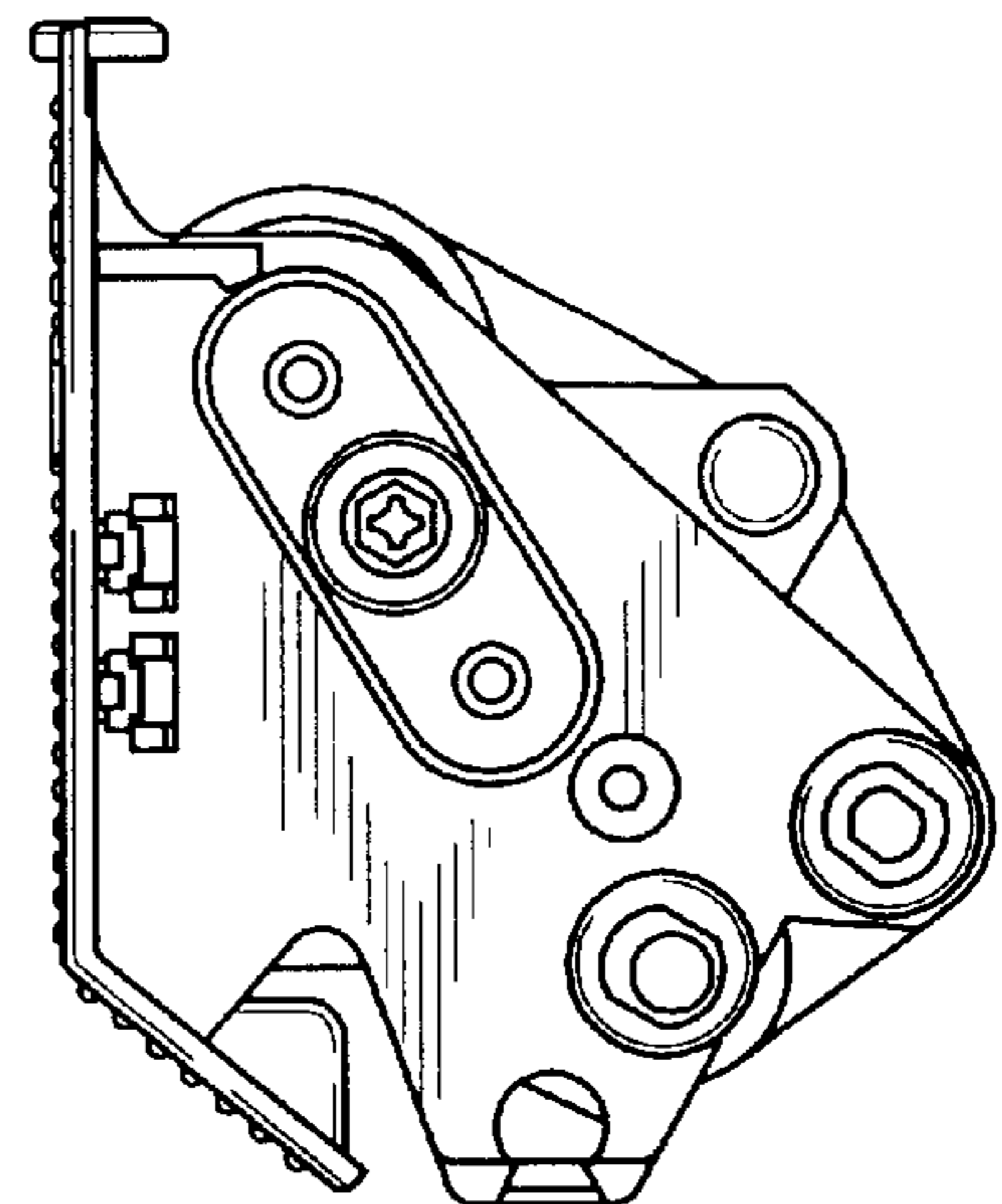


FIG. 6

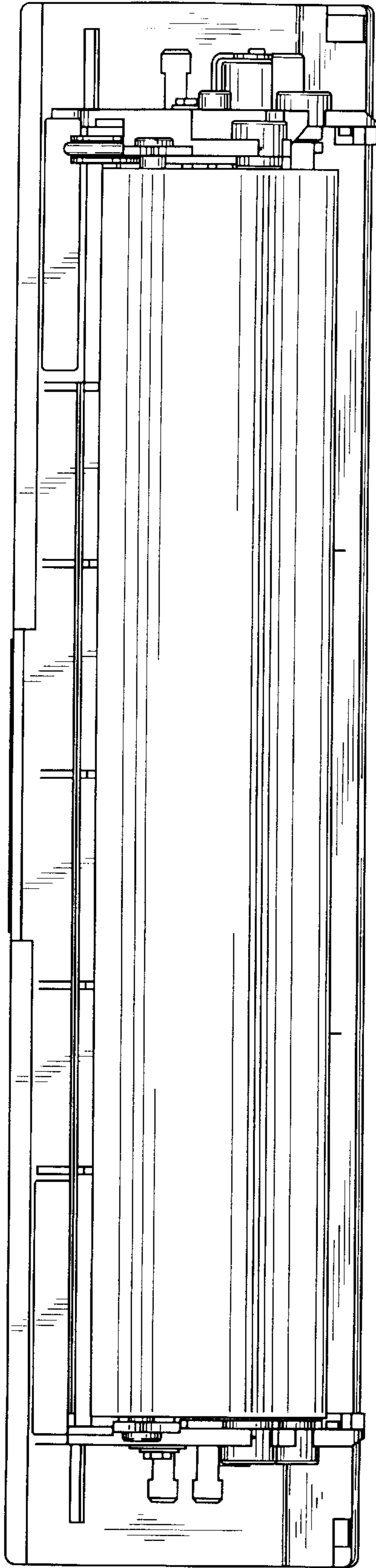


FIG. 7

