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(12)

**United States Design Patent**  
**Higuchi et al.**

(10)

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(45)

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(54) **ELECTRICAL CONNECTOR**

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(73) Assignee: **Japan Aviation Electronics Industry, Limited**, Tokyo (JP)

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

(21) Appl. No.: **29/153,779**

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(30) **Foreign Application Priority Data**  
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(51) **LOC (7) Cl.** ..... **13-03**

(52) **U.S. Cl.** ..... **D13/133**

(58) **Field of Search** ..... D13/133; 439/31, 439/165

(56) **References Cited**  
**U.S. PATENT DOCUMENTS**  
3,857,625 A \* 12/1974 Crane et al. .... 439/31  
3,860,312 A \* 1/1975 Gordon, Jr. .... 439/31  
5,395,248 A \* 3/1995 Kinoshita et al. .... 439/31 X

5,606,730 A \* 2/1997 Rush et al. .... 439/31 X  
5,681,176 A \* 10/1997 Ibaraki et al. .... 439/165  
5,751,544 A \* 5/1998 Song ..... 439/165 X  
6,350,155 B1 \* 2/2002 Mullinger-Bausch et al. . 439/31 X  
6,352,434 B1 \* 3/2002 Emmert ..... 439/165 X  
2002/0076960 A1 \* 6/2002 Ibaraki et al. .... 439/165

\* cited by examiner

Primary Examiner—Joel Sincavage  
(74) Attorney, Agent, or Firm—Michael Best & Friedrich LLC

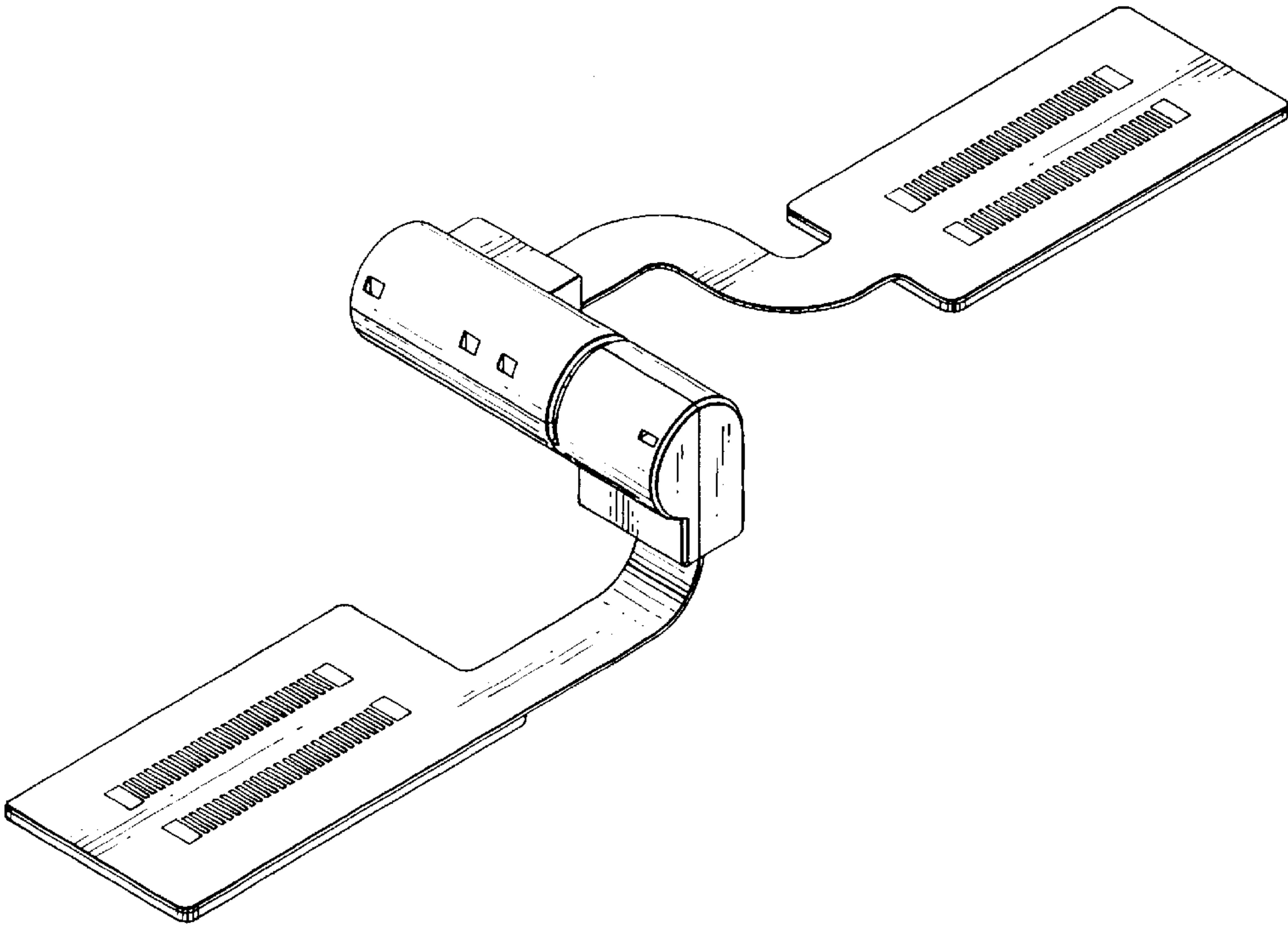
(57) **CLAIM**

The ornamental design for an electrical connector, as shown and described.

**DESCRIPTION**

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

**1 Claim, 5 Drawing Sheets**



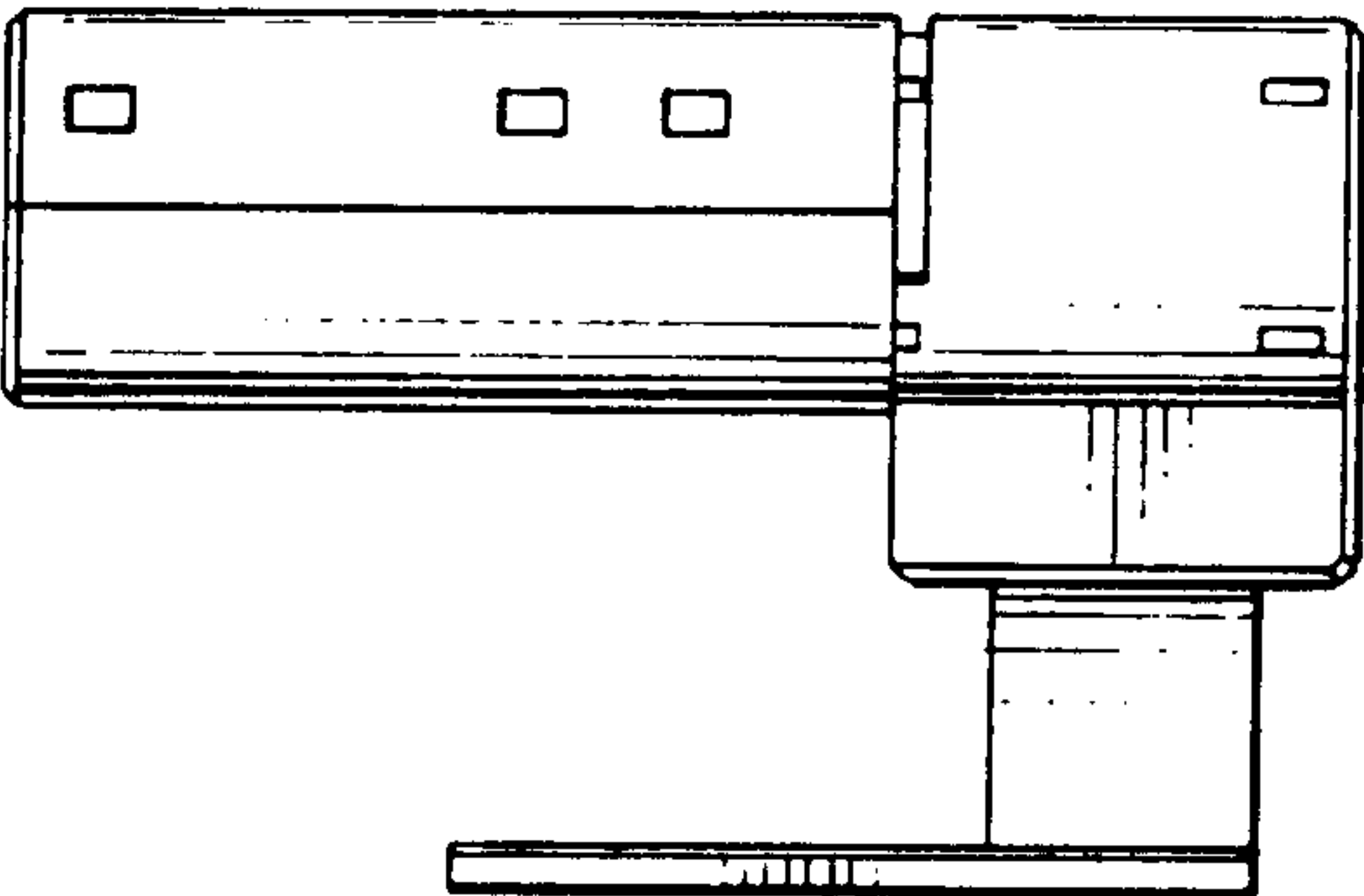


FIG. 1

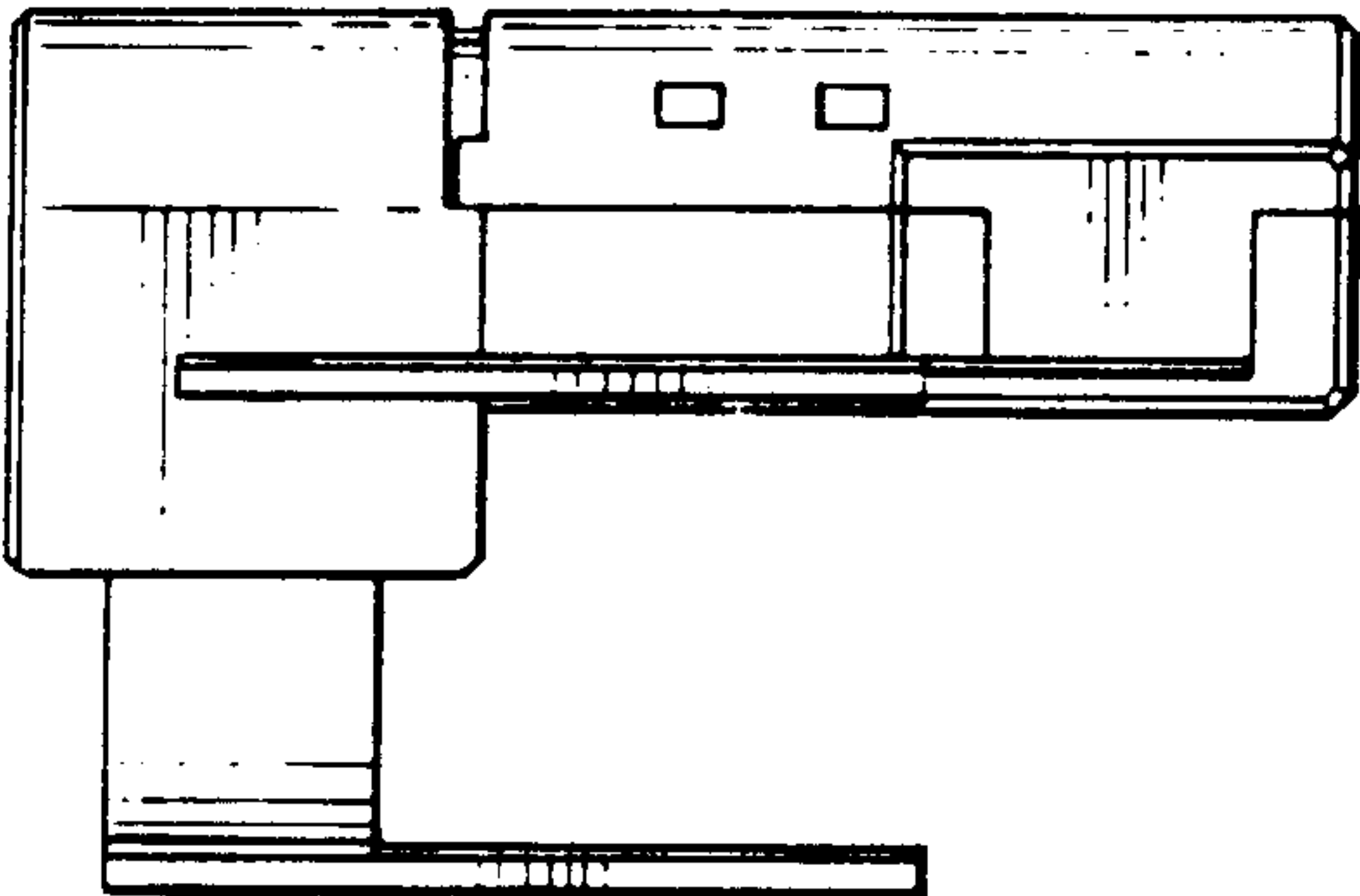


FIG. 2

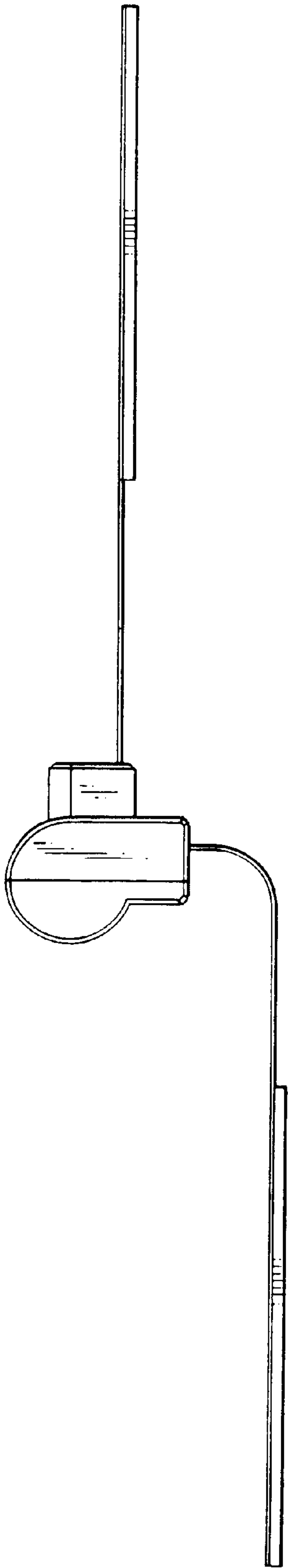


FIG. 3

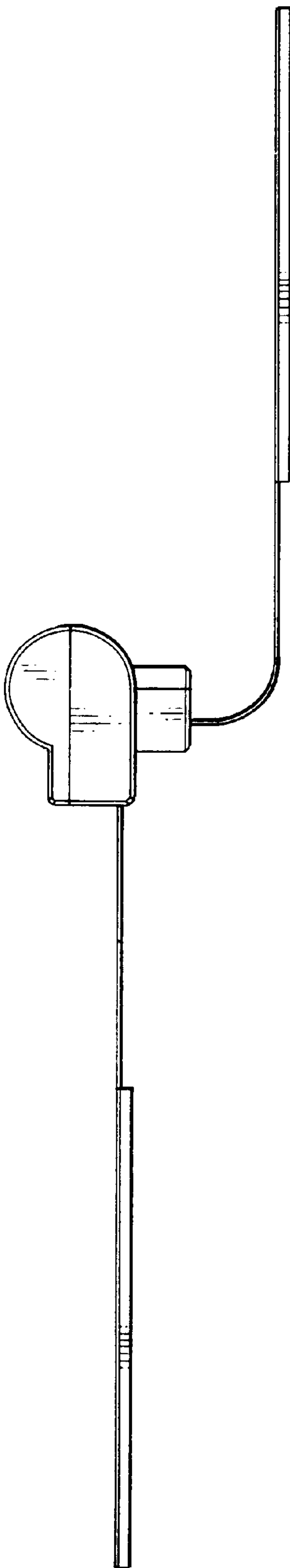


FIG. 4

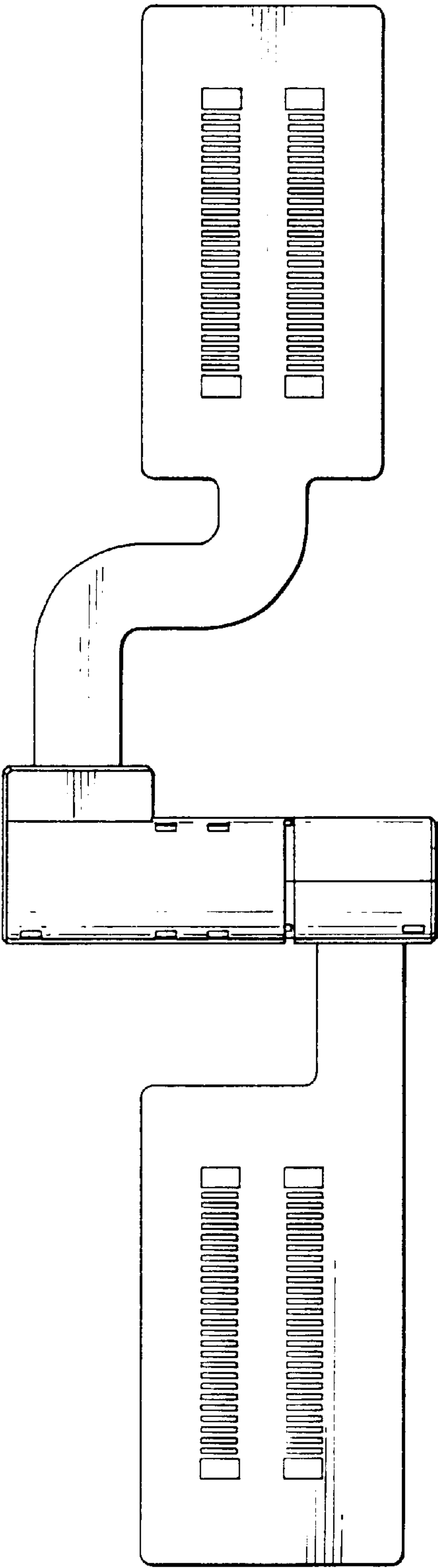


FIG. 5

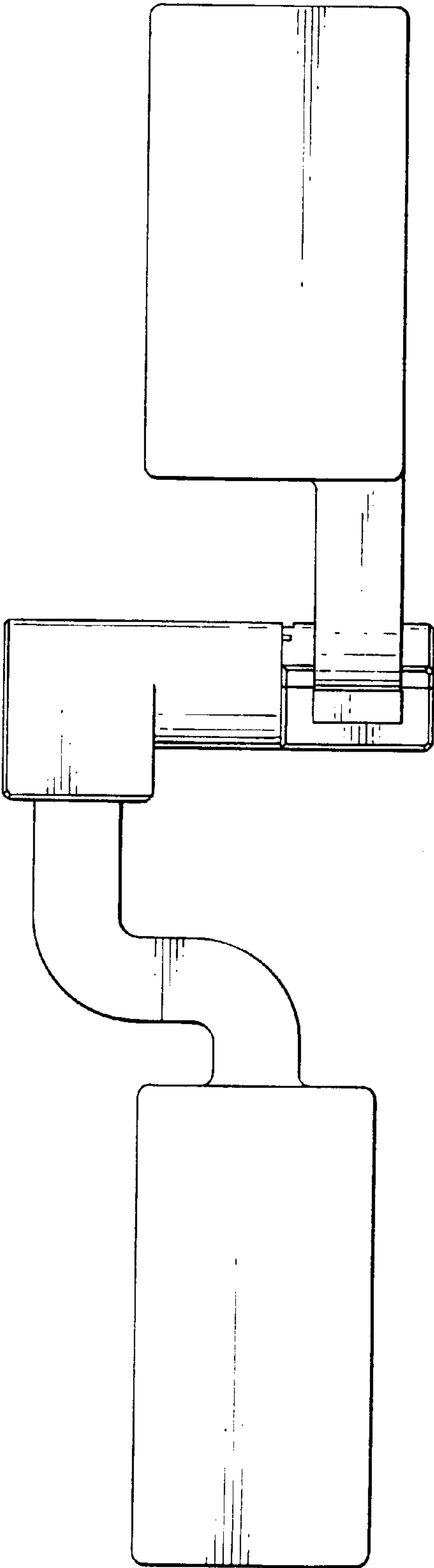


FIG. 6

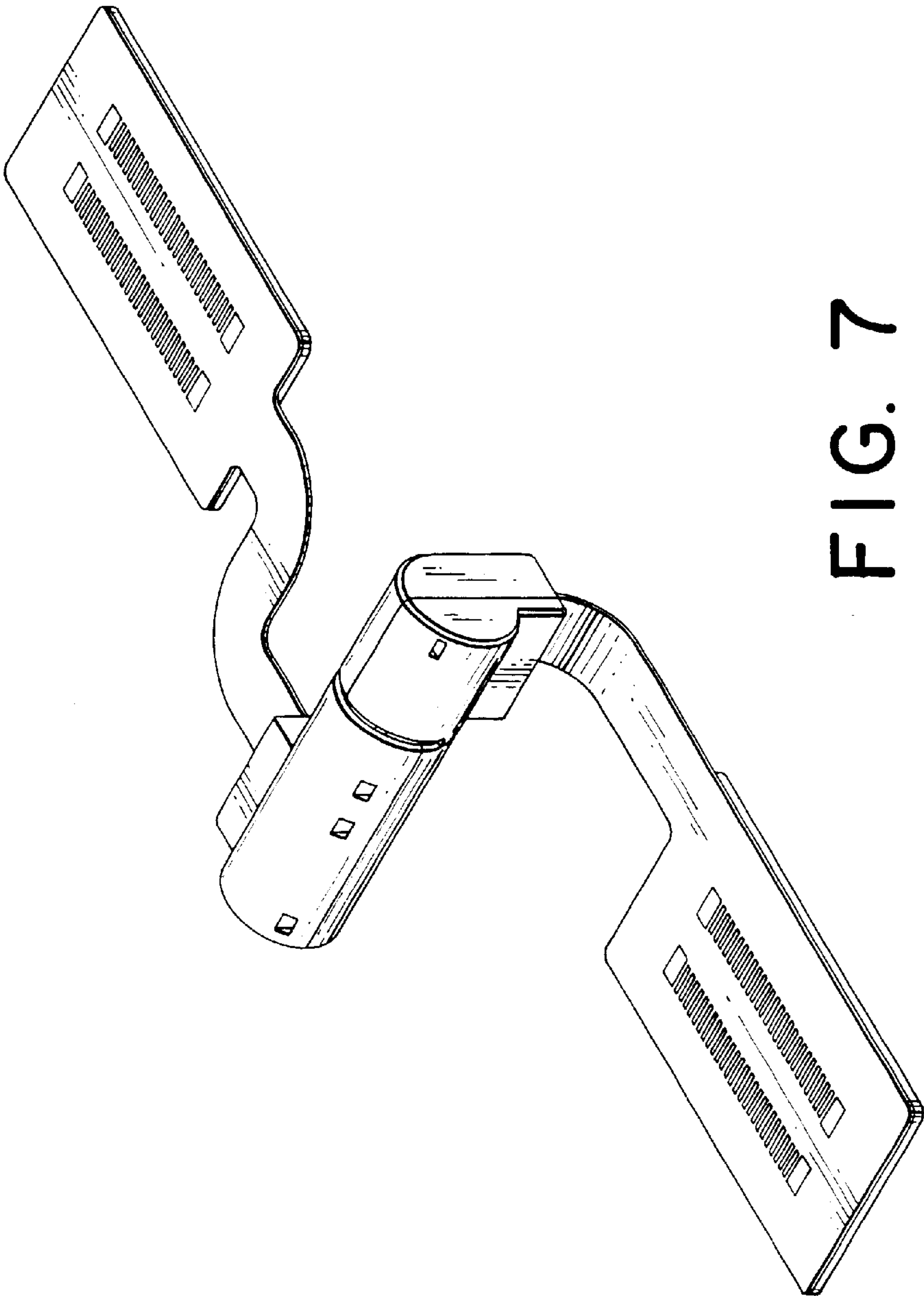


FIG. 7