



US00D941893S

(12) **United States Design Patent**
Beltz, Jr.

(10) **Patent No.:** **US D941,893 S**
(45) **Date of Patent:** **** Jan. 25, 2022**

(54) **CALIBRATION DEVICE FOR A SHAFT ALIGNMENT APPARATUS**

(71) Applicant: **Alltite, Inc.**, Wichita, KS (US)

(72) Inventor: **Robert K. Beltz, Jr.**, Winfield, KS (US)

(73) Assignee: **Alltite, Inc.**, Wichita, KS (US)

(**) Term: **15 Years**

(21) Appl. No.: **29/747,063**

(22) Filed: **Aug. 19, 2020**

(51) **LOC (13) Cl.** **15-09**

(52) **U.S. Cl.**
USPC **D15/122**; D15/148

(58) **Field of Classification Search**
USPC D10/46; D15/122, 124, 125, 127, 131, D15/138, 140, 148, 149
CPC F16L 1/10; G01B 11/272
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- 2,656,607 A * 10/1953 Harding B25D 5/02 33/412
- 2,715,799 A * 8/1955 Billeter B24B 19/28 451/226
- 3,604,121 A * 9/1971 Hull G01B 11/27 33/657
- 3,797,176 A * 3/1974 Wespi B24B 49/10 451/239
- 4,413,415 A * 11/1983 Stovall G01B 5/25 269/43
- 4,518,855 A 5/1985 Malak
- 4,698,491 A 10/1987 Lysen
- 5,026,998 A 6/1991 Holzl
- 5,056,237 A 10/1991 Saunders

- 5,077,905 A * 1/1992 Murray, Jr. G01B 11/272 33/412
- 5,684,578 A 11/1997 Nower et al.
- 5,715,609 A 2/1998 Nower
- 5,896,672 A 4/1999 Harris
- 5,980,094 A * 11/1999 Nower G01B 21/24 33/412
- 6,411,375 B1 6/2002 Hinkle et al.
- 7,301,616 B2 11/2007 Foley
- 8,209,875 B1 7/2012 Harris
- 8,533,965 B2 9/2013 Stromberg
- 10,487,853 B2 * 11/2019 Beers B64D 13/00
- 10,503,131 B2 12/2019 Harris

(Continued)

FOREIGN PATENT DOCUMENTS

CN 106989699 7/2017

Primary Examiner — Patricia A Palasik

(74) *Attorney, Agent, or Firm* — Erickson Kernell IP, LLC; Kent R. Erickson

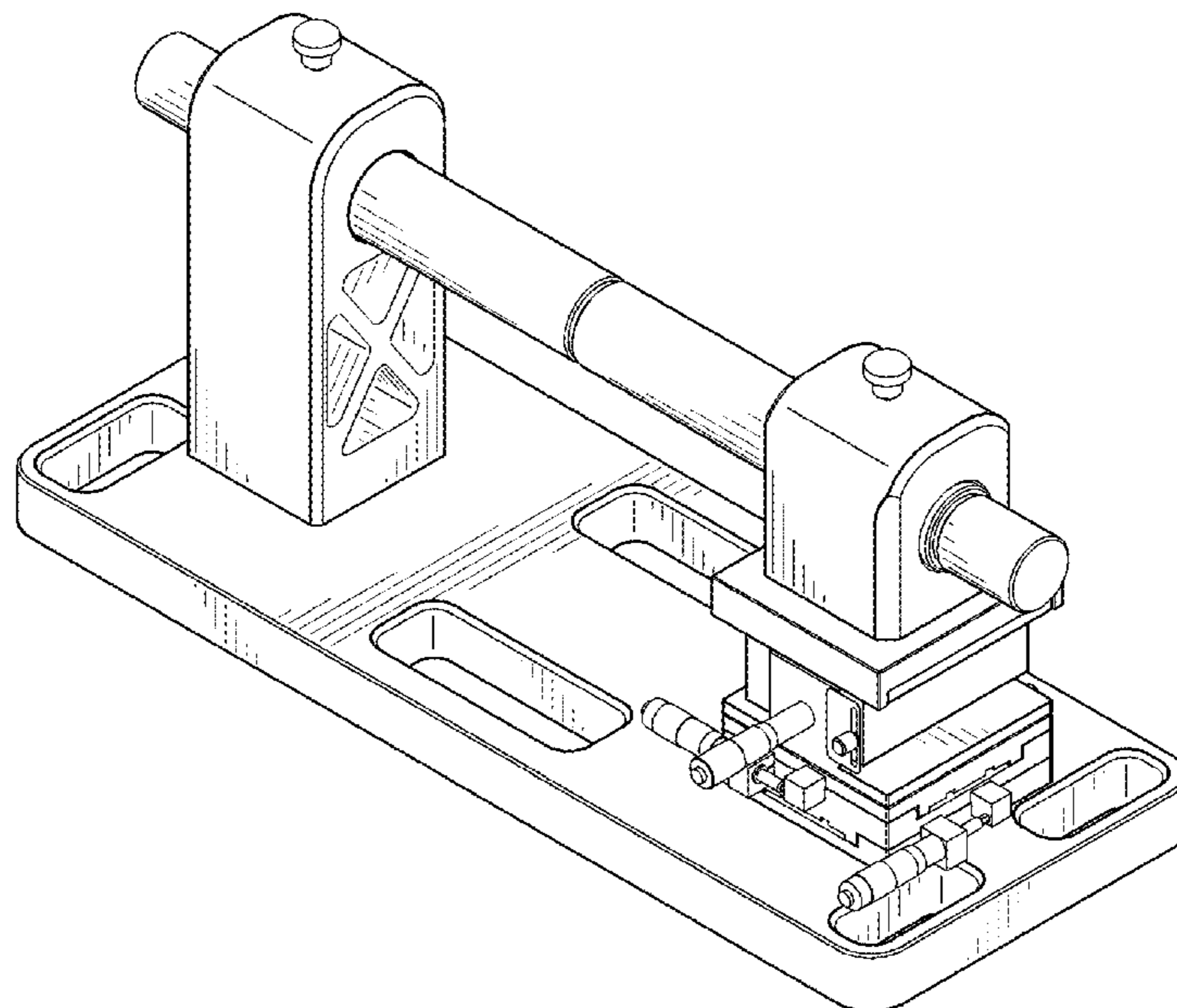
(57) **CLAIM**

The ornamental design for a calibration device for a shaft alignment apparatus, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a calibration device for a shaft alignment apparatus; FIG. 2 is a rear perspective view thereof; FIG. 3 is a front elevational view thereof; FIG. 4 is a rear elevational view thereof; FIG. 5 is a top plan view thereof; FIG. 6 is a bottom plan view thereof; FIG. 7 is a left side view thereof; and, FIG. 8 is a right side view thereof. The broken lines shown in the drawings are for the purpose of illustrating portions of the calibration device for a shaft alignment apparatus that form no part of the claimed design.

1 Claim, 4 Drawing Sheets



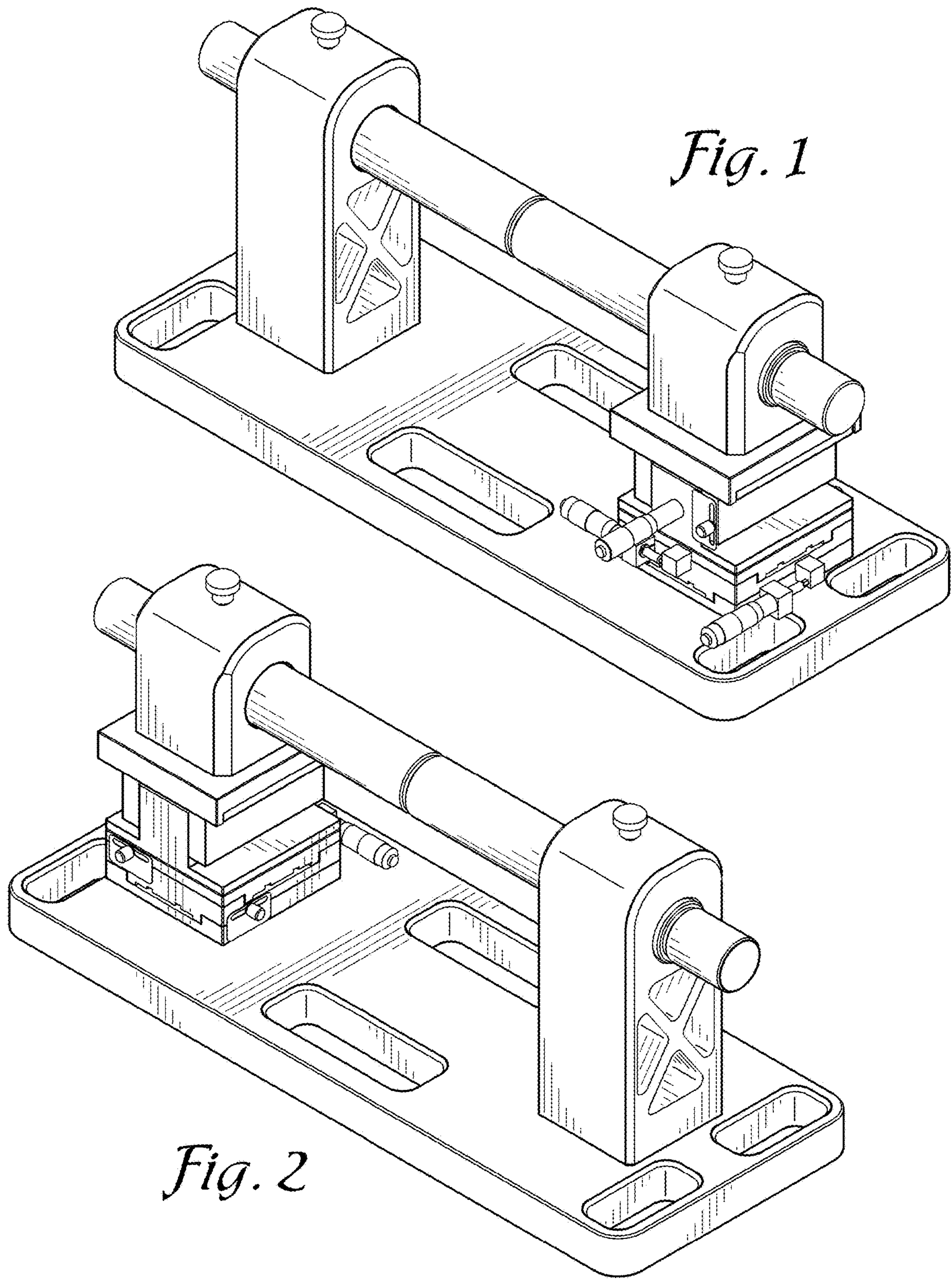
(56)

References Cited

U.S. PATENT DOCUMENTS

2004/0021866 A1* 2/2004 Watts B29C 35/0888
356/401
2018/0180198 A1* 6/2018 Nam F16L 1/10

* cited by examiner



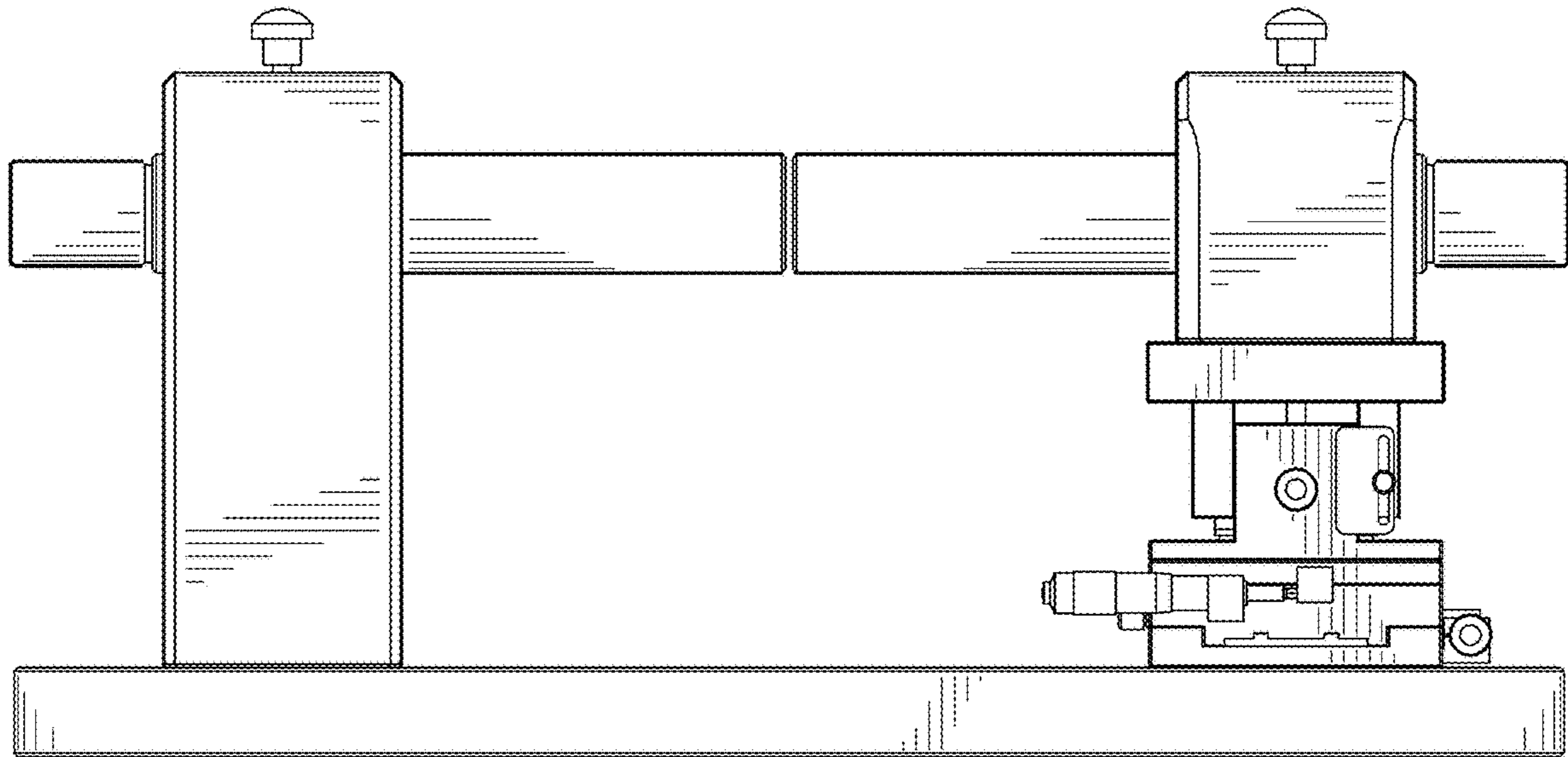


Fig. 3

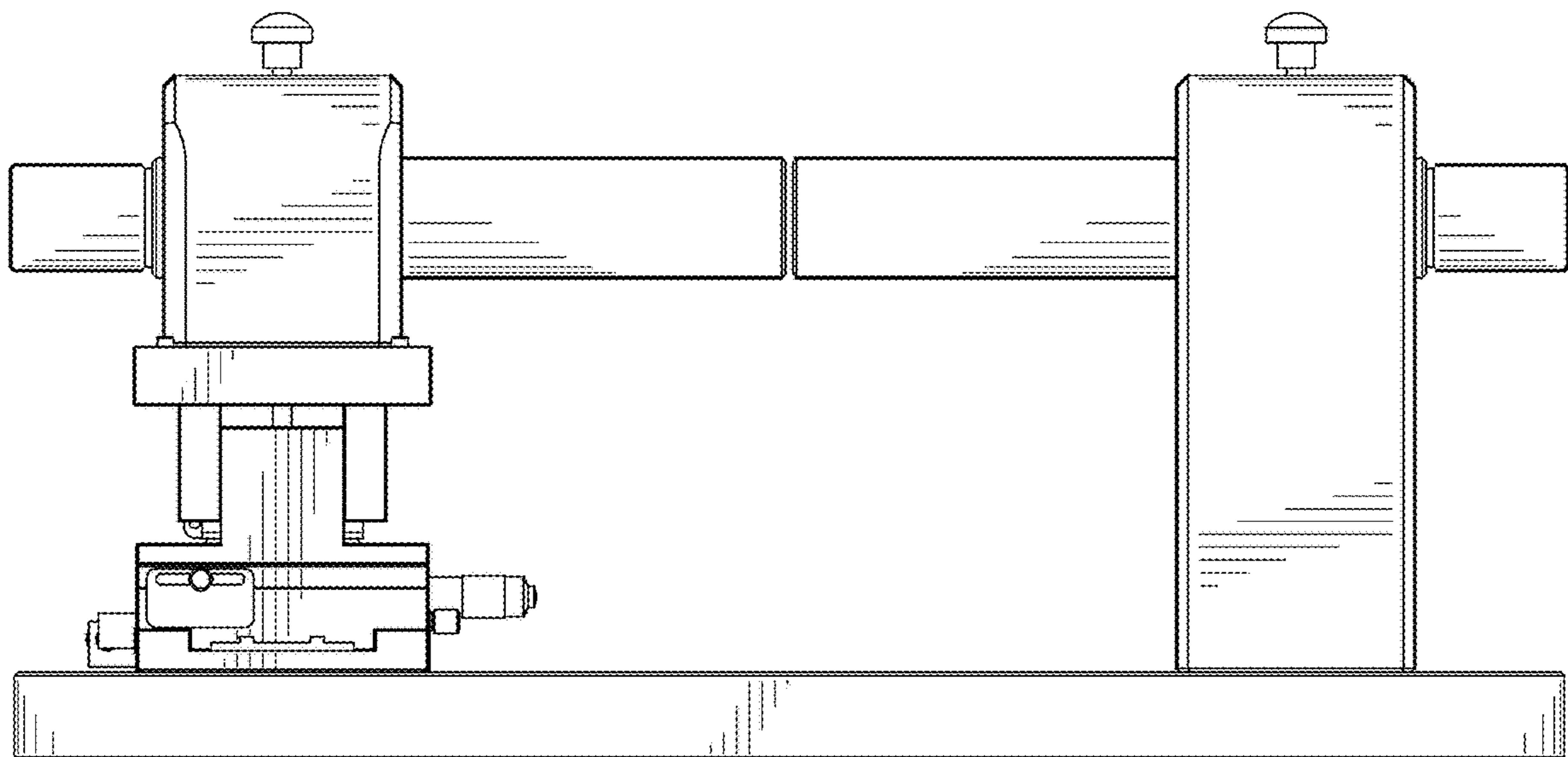


Fig. 4

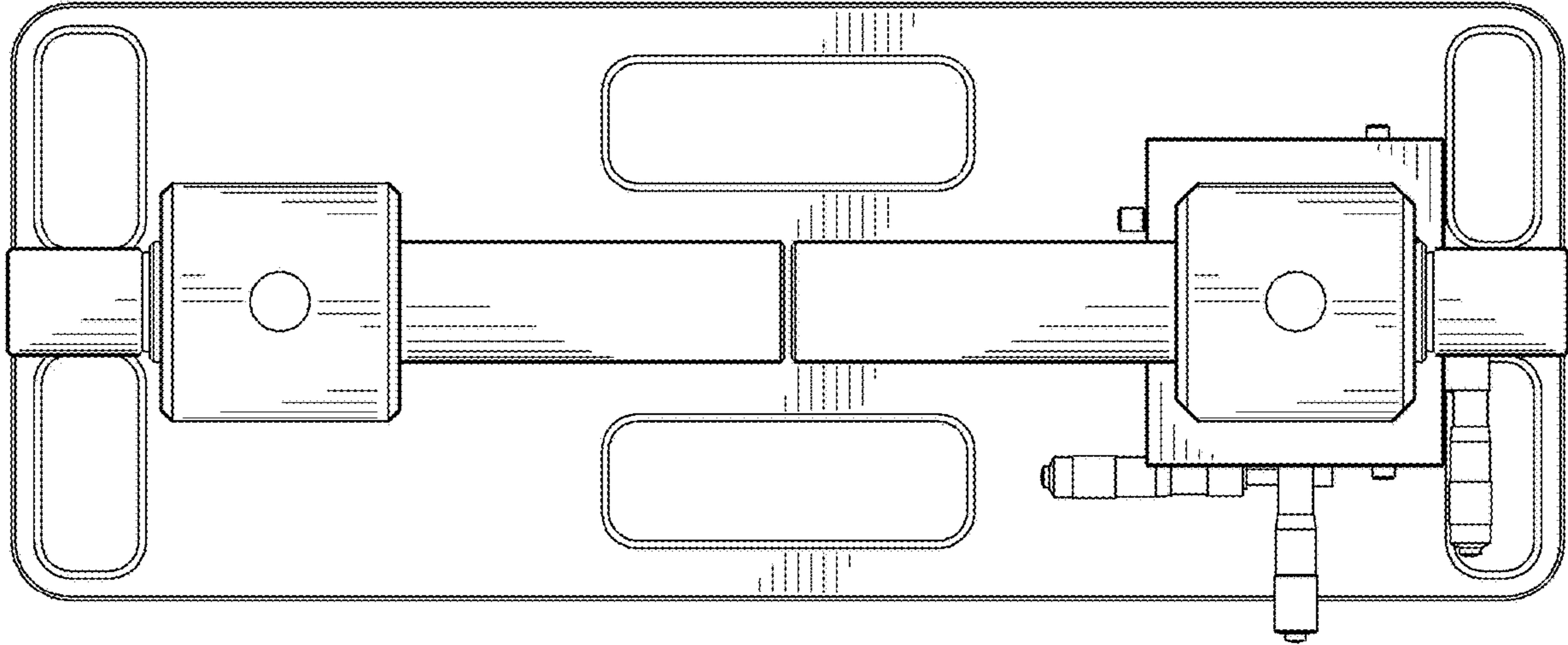


Fig. 5

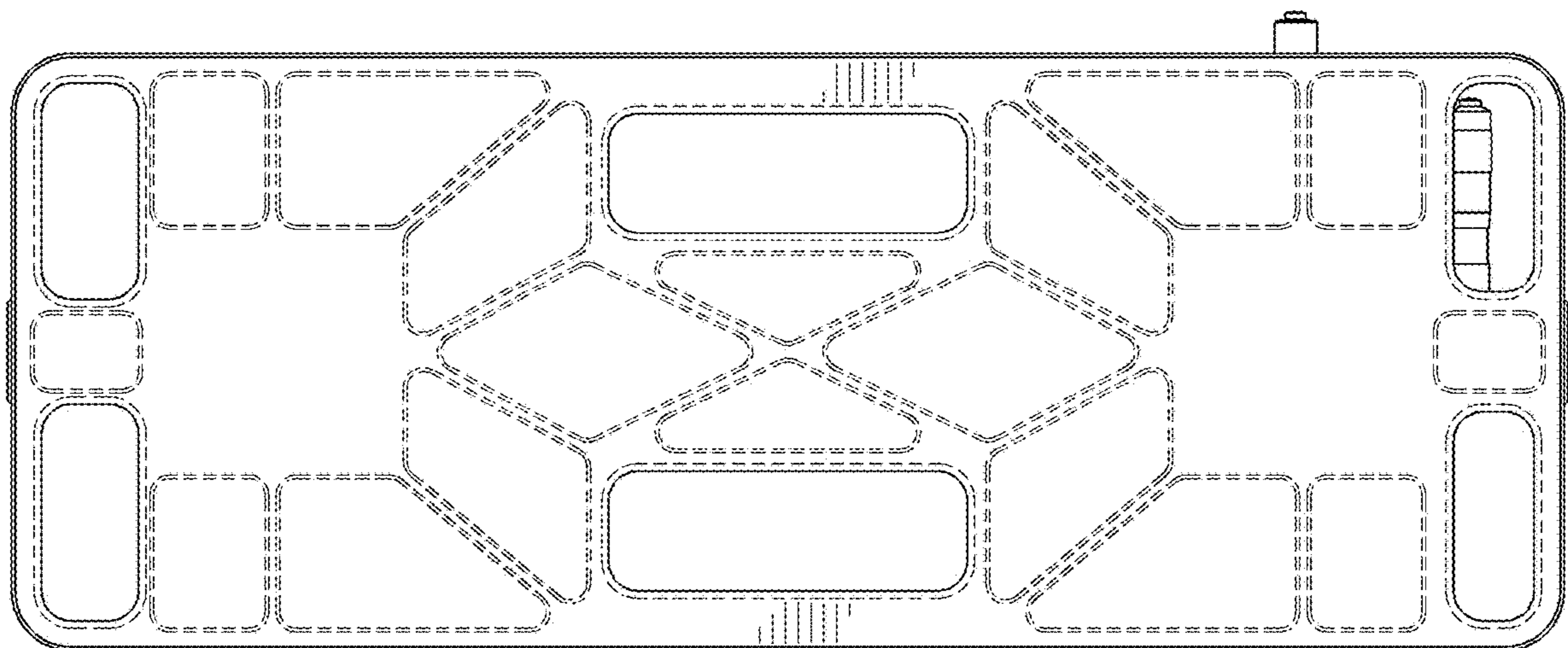


Fig. 6

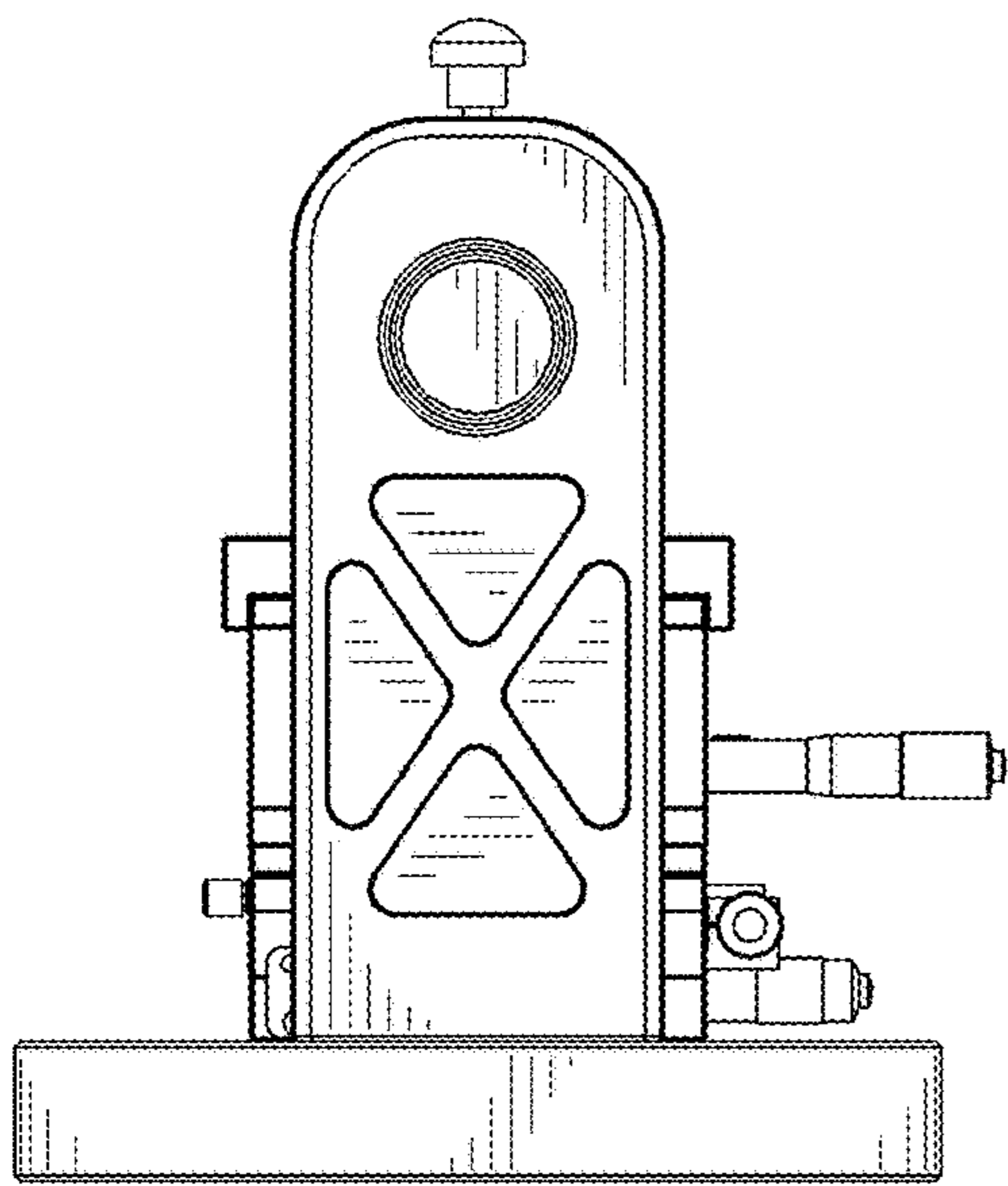


Fig. 7

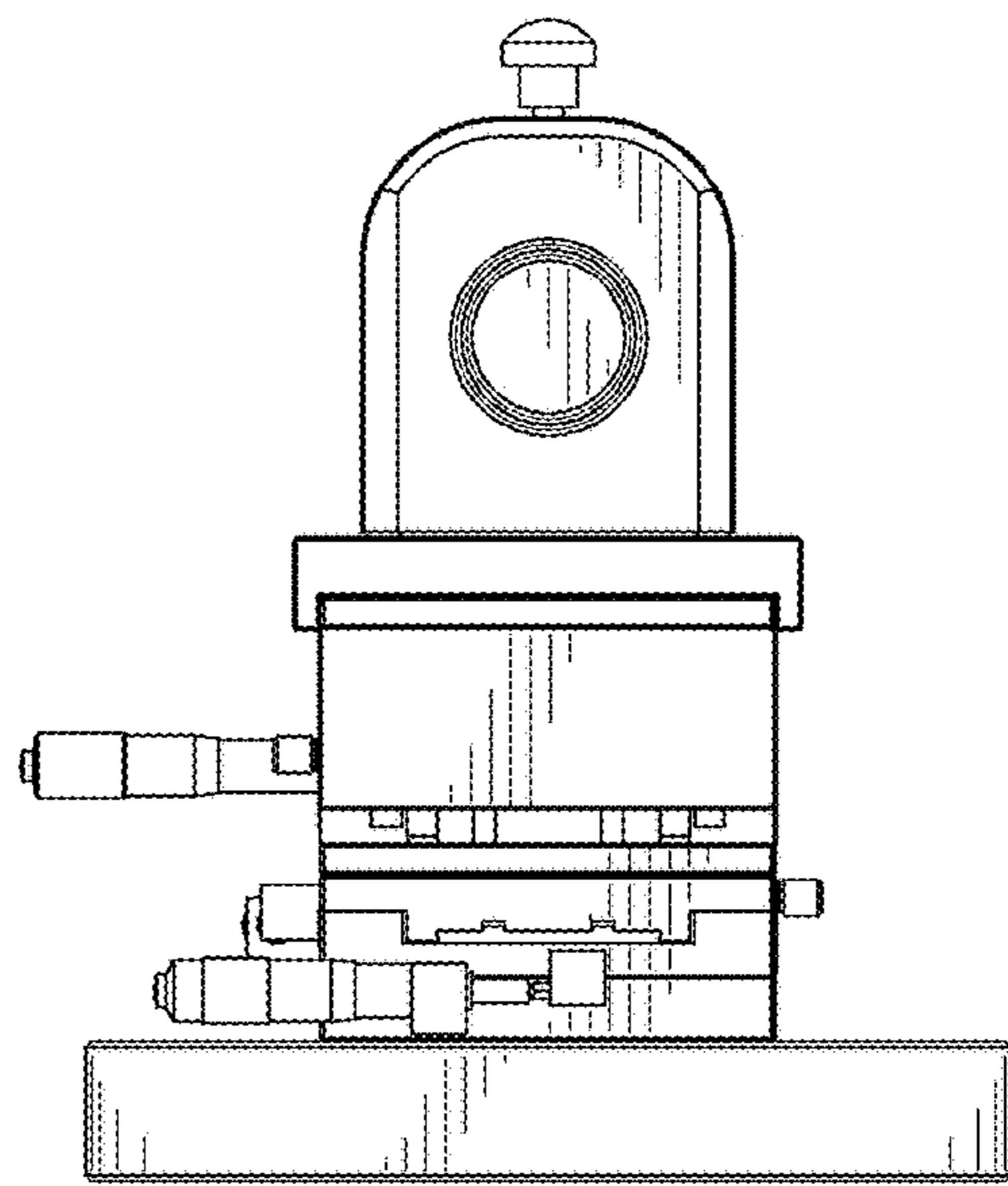


Fig. 8