



US00D799652S

(12) **United States Design Patent** (10) **Patent No.:** **US D799,652 S**
Takamatsu et al. (45) **Date of Patent:** **** Oct. 10, 2017**

(54) **FLOW PASSAGE SWITCHING UNIT FOR AIR CONDITIONER**

(71) Applicant: **mitsubishi electric CORPORATION**, Tokyo (JP)

(72) Inventors: **Ryohei Takamatsu**, Tokyo (JP); **Mizuki Ogawa**, Tokyo (JP); **Koji Saito**, Tokyo (JP); **Masaru Imaizumi**, Tokyo (JP); **Yuji Motomura**, Tokyo (JP)

(73) Assignee: **Mitsubishi Electric Corporation**, Tokyo (JP)

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

(21) Appl. No.: **29/553,610**

(22) Filed: **Feb. 3, 2016**

(30) **Foreign Application Priority Data**

Aug. 6, 2015 (JP) 2015-017532
Aug. 6, 2015 (JP) 2015-017533

(51) **LOC (10) Cl.** **26-04**

(52) **U.S. Cl.**
USPC **D23/333**

(58) **Field of Classification Search**
USPC D23/333, 335, 341, 342, 351, 353-356, D23/359, 364, 365, 370, 385, 386, 388, D23/393
CPC F24F 1/00; F24F 1/0007; F24F 1/02; F24F 1/08; F24F 1/42; F24F 1/56; F24F 1/60; F24F 3/044; F24F 3/048; F24F 3/16; F24F 7/00; F24F 7/04; F24F 12/001; F24F 12/006

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,065,120 A * 12/1977 Imaizumi G03G 15/2028 118/245
4,592,505 A * 6/1986 Bruninga A01G 25/16 D23/245

D527,793 S * 9/2006 Cantolino D23/233
D605,255 S * 12/2009 Lai D23/233
D606,165 S * 12/2009 Kurisaki D23/233
D705,391 S * 5/2014 Okazaki D23/207
D718,419 S * 11/2014 Borg D23/233
D737,405 S * 8/2015 Sakata D23/233
D753,268 S * 4/2016 Nishimura D23/233

(Continued)

Primary Examiner — George D Kirschbaum

Assistant Examiner — Natasha Vujcic

(74) *Attorney, Agent, or Firm* — Studebaker & Brackett PC

(57) **CLAIM**

The ornamental design for a flow passage switching unit for air conditioner, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of the front, right, and top sides of a flow passage switching unit for air conditioner showing a first embodiment our new design;

FIG. 2 is a rear perspective view of the rear, left, and bottom sides;

FIG. 3 is a front view thereof;

FIG. 4 is a rear view thereof;

FIG. 5 is a left side view thereof;

FIG. 6 is a right side view thereof;

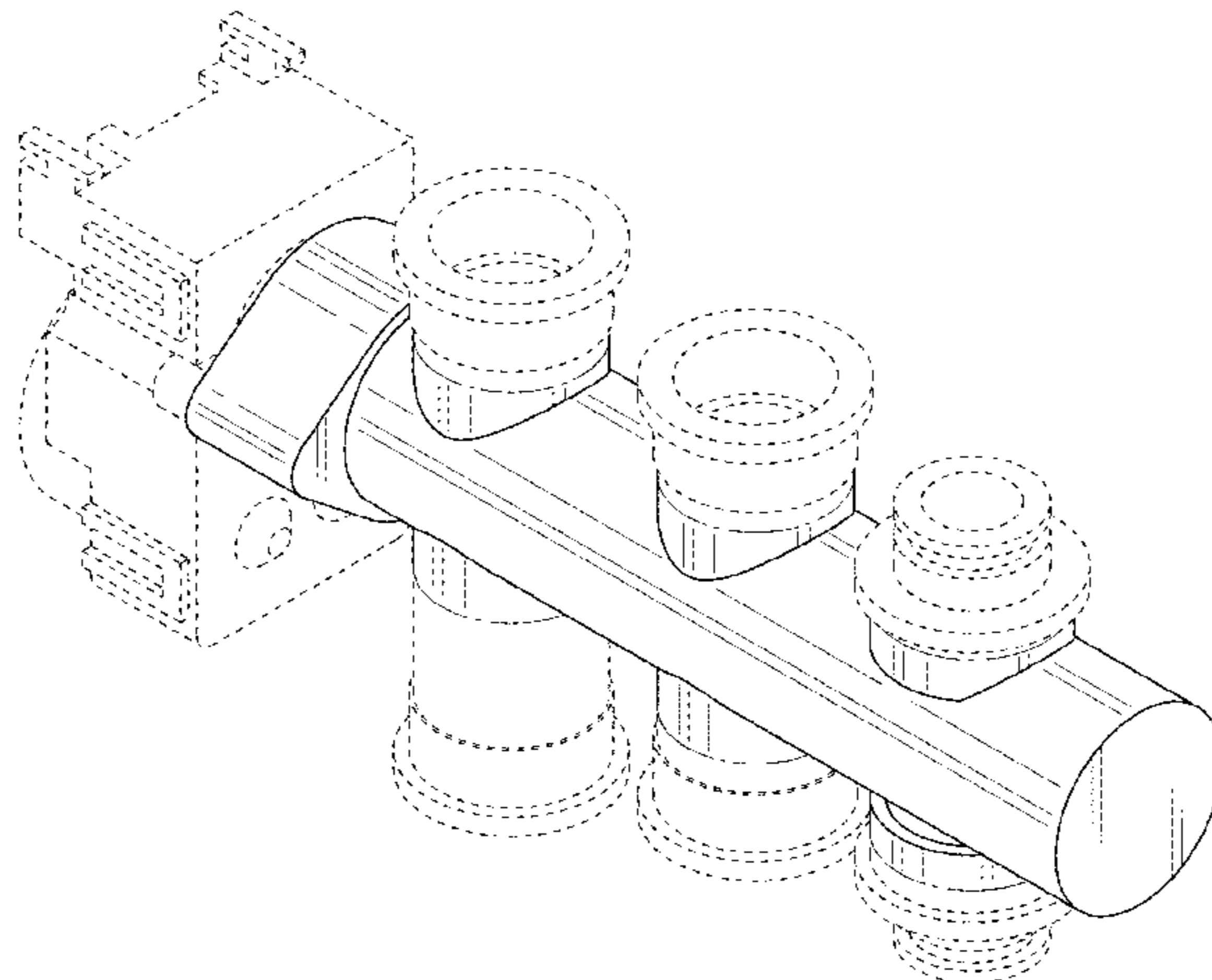
FIG. 7 is a top plan view thereof;

FIG. 8 is a bottom plan view thereof; and,

FIG. 9 is perspective view showing a second embodiment of our new design, in a position of use.

The broken lines shown represent unclaimed subject matter of the flow passage switching unit for air conditioner and form no part of the claimed design. The dash-dot lines represent the boundary between the claimed design and unclaimed design.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D767,101 S *	9/2016	Kobayashi	D23/249
D776,786 S *	1/2017	Okazaki	D23/209
2012/0071074 A1*	3/2012	Masuzaki	B24D 3/00 451/540

* cited by examiner

Fig. 1

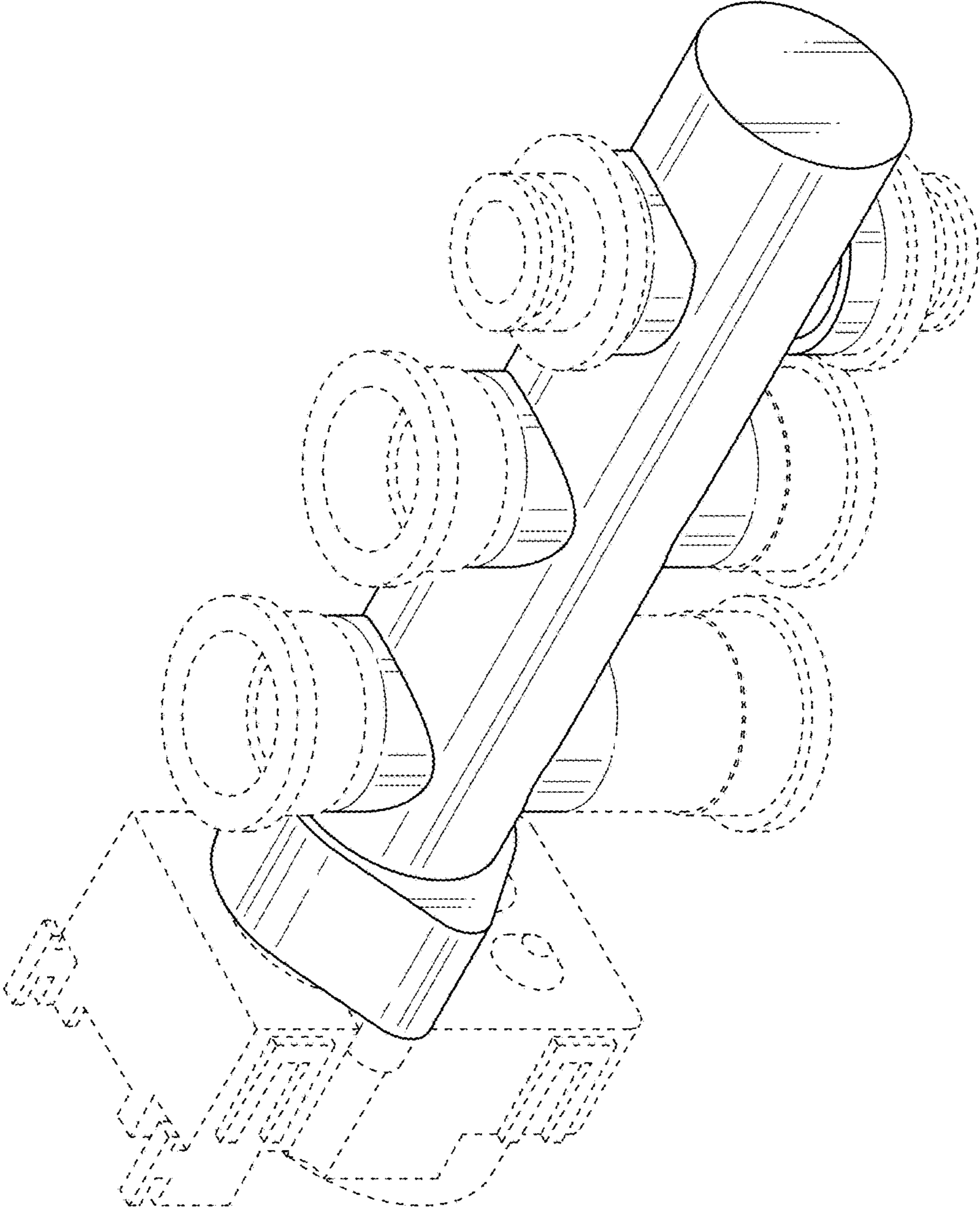


Fig. 2

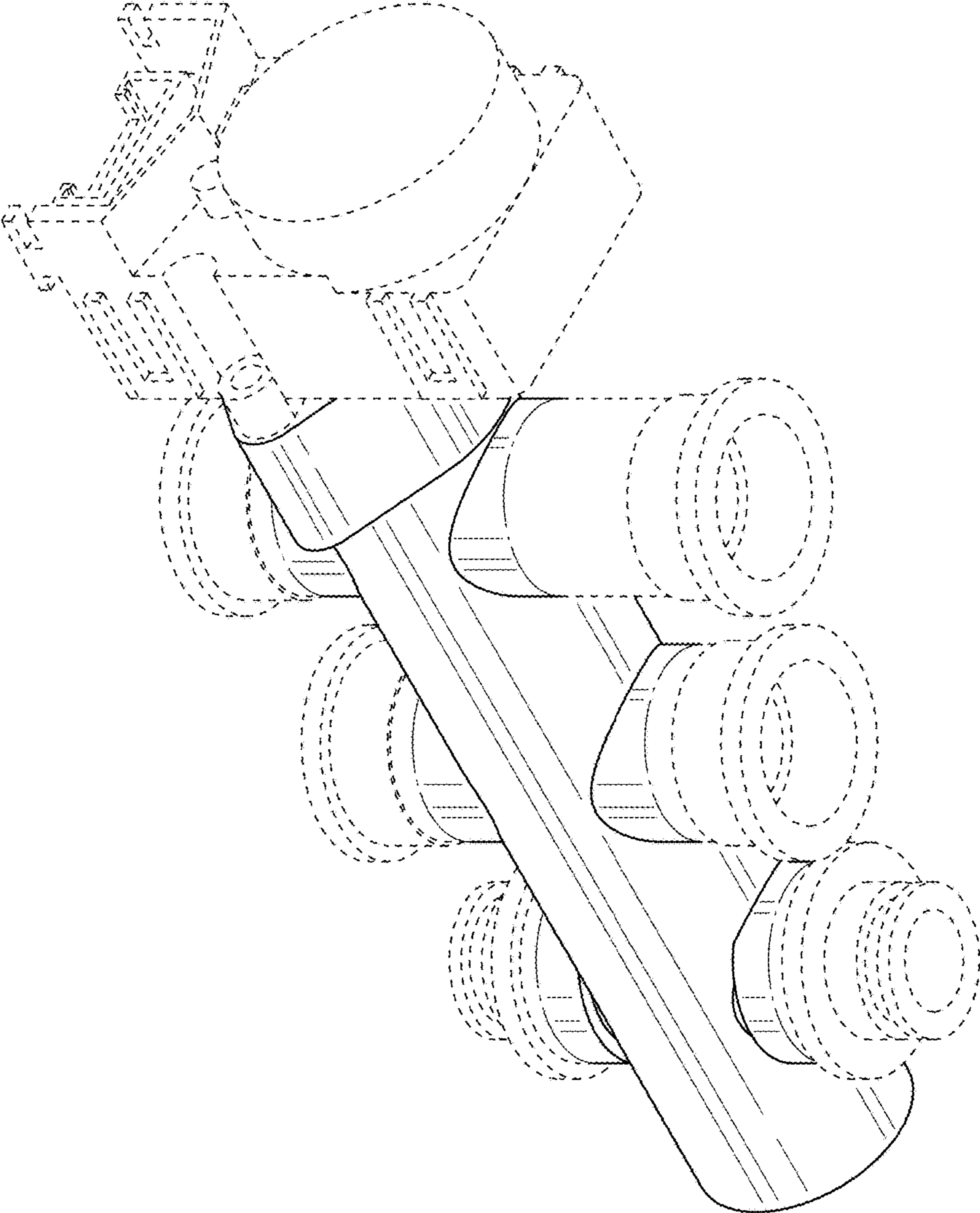


Fig. 3

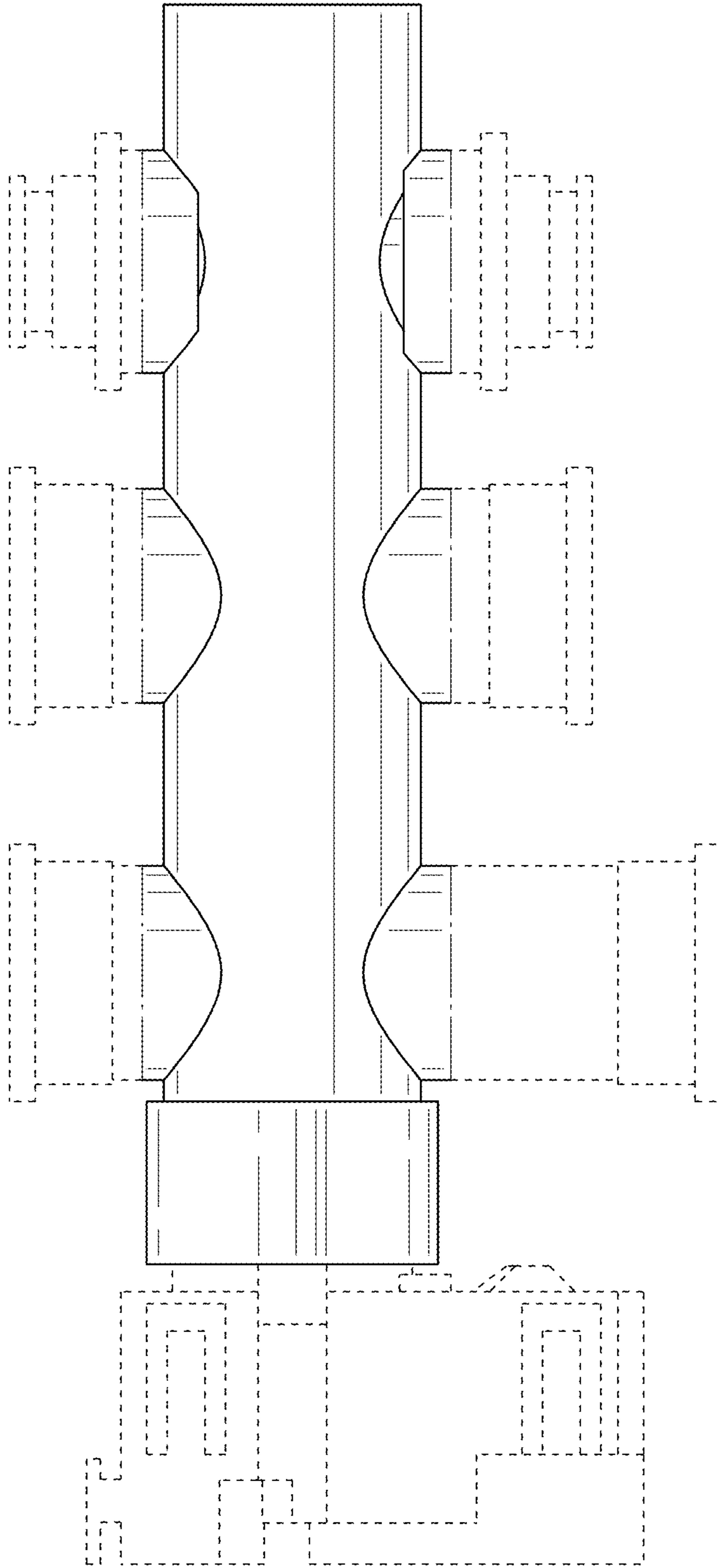


Fig. 4

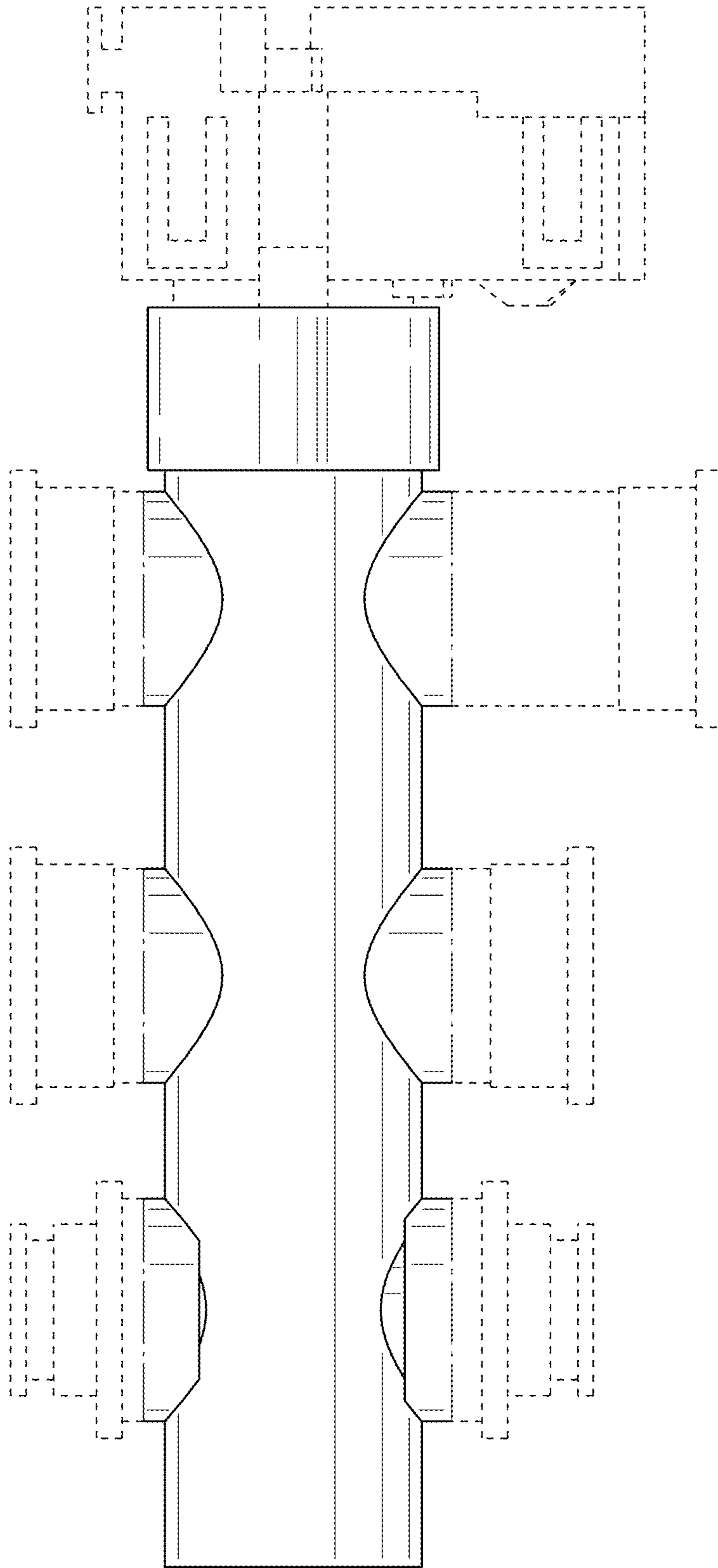


Fig. 6

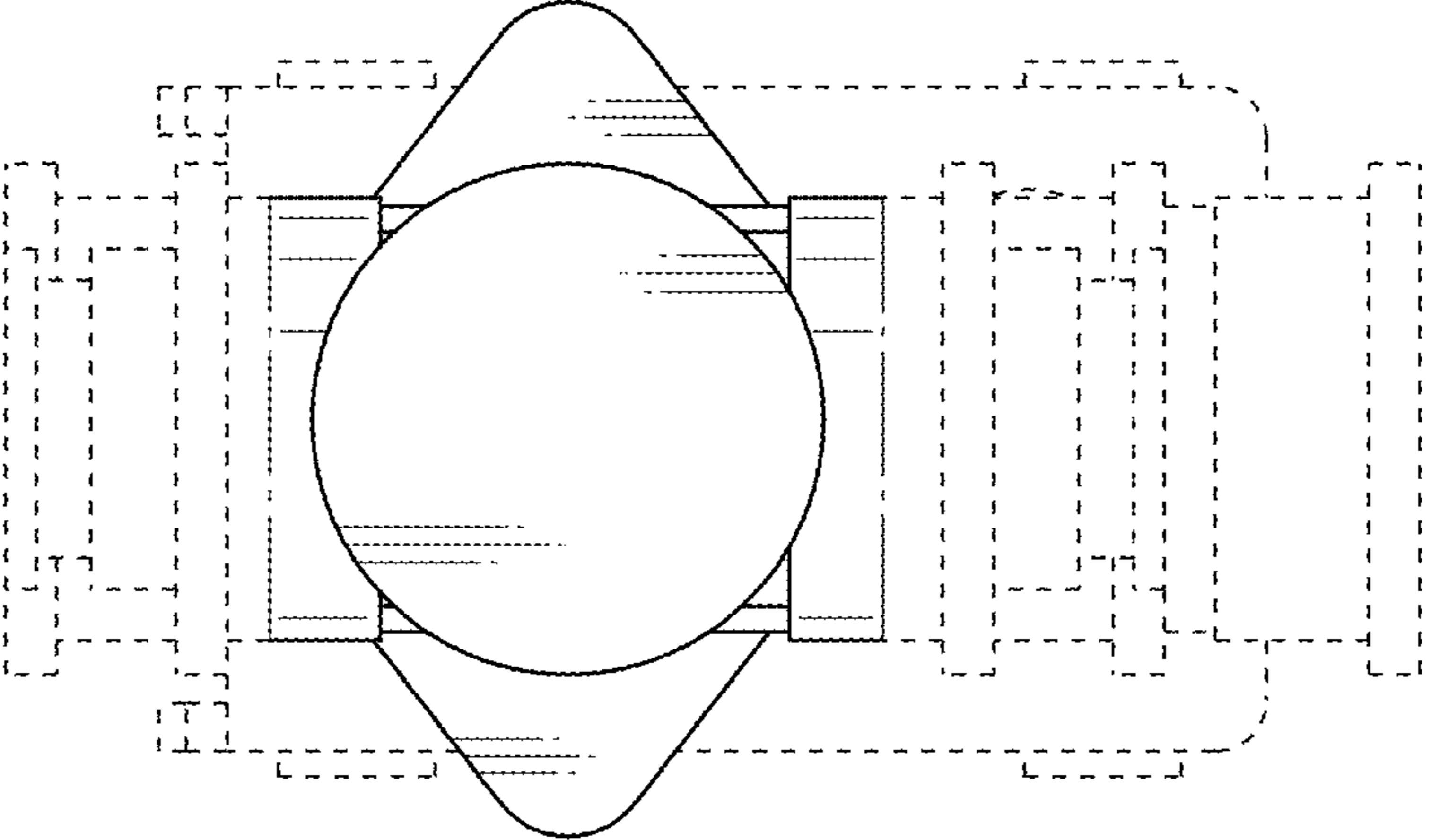


Fig. 5

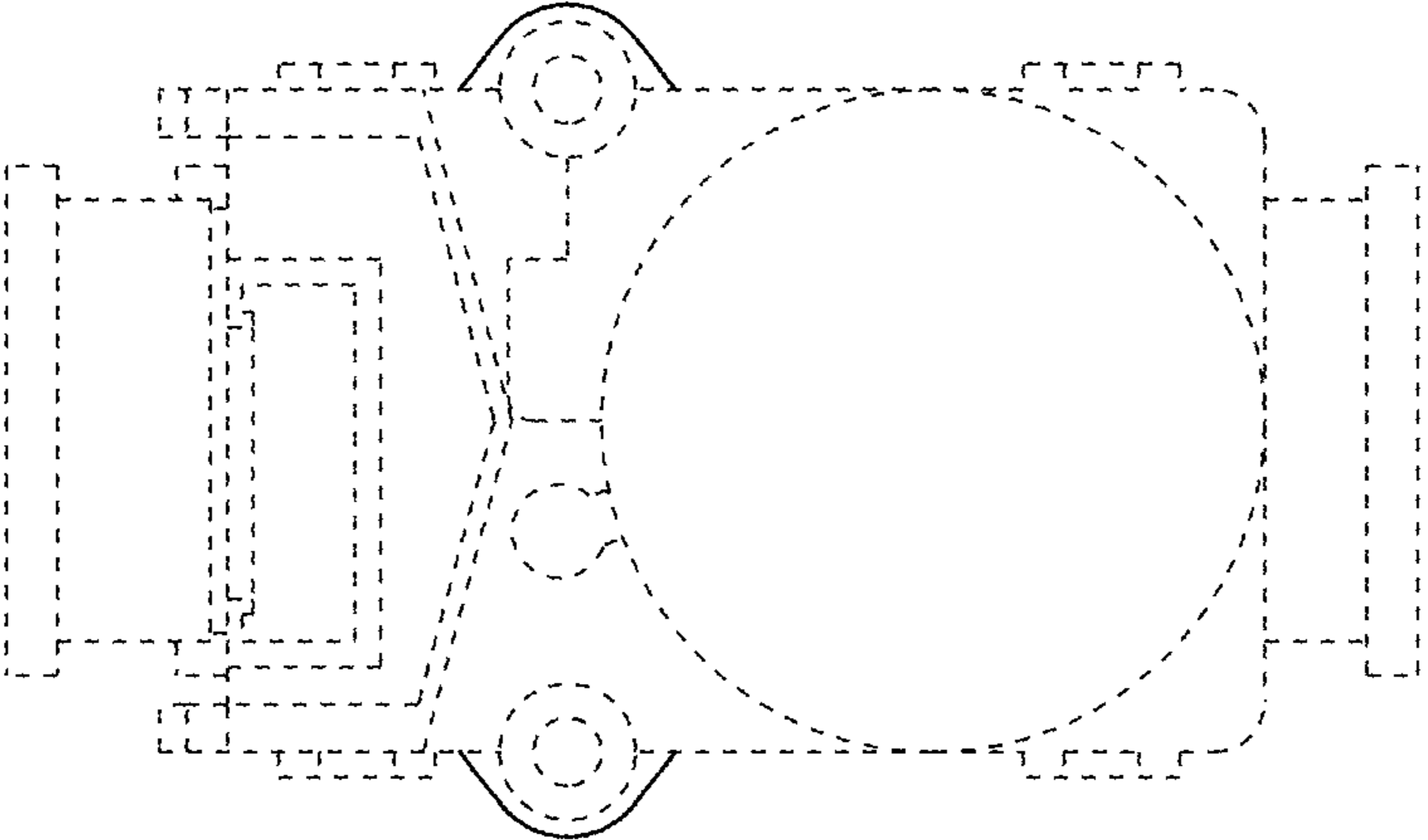


Fig. 7

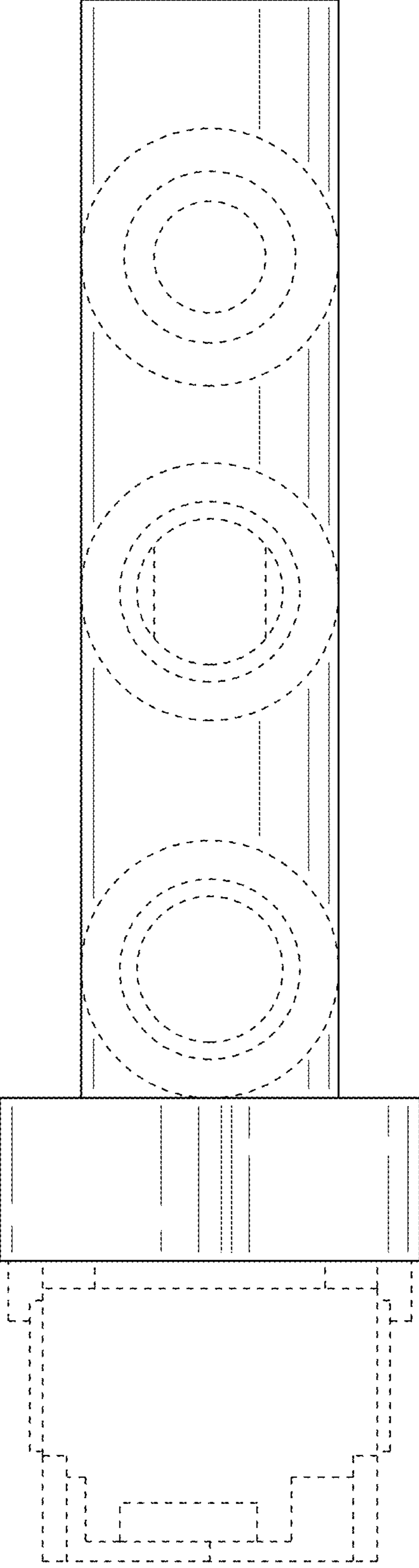


Fig. 8

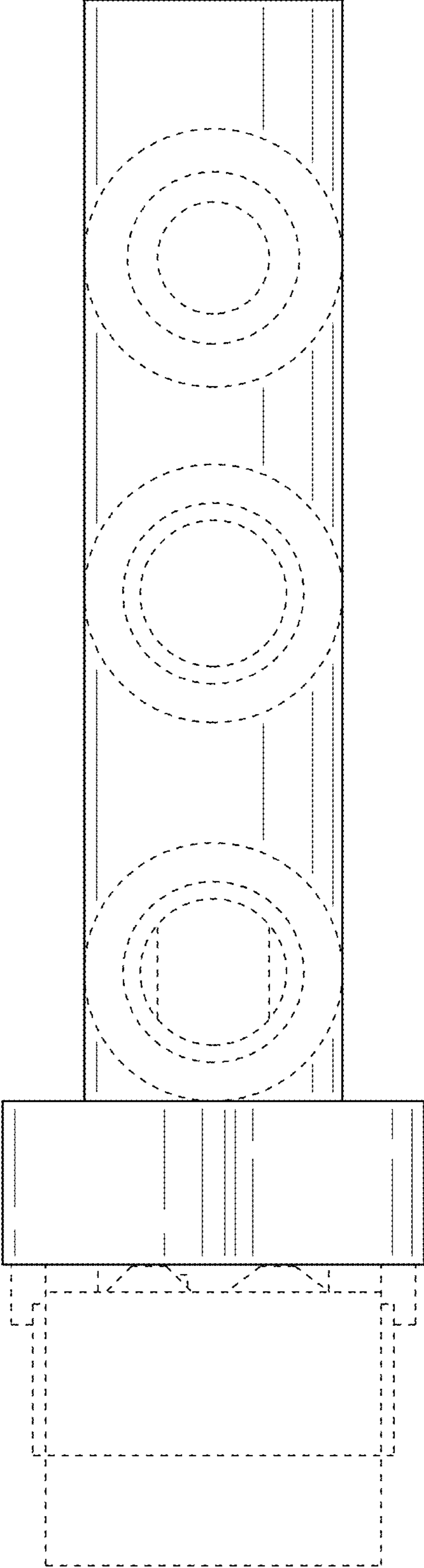


Fig. 9

