



US00D944418S

(12) **United States Design Patent** (10) **Patent No.:** **US D944,418 S**
Frobosilo et al. (45) **Date of Patent:** **** Feb. 22, 2022**

(54) **DOUBLE-RETURN JOIST**

(57) **CLAIM**

(71) Applicant: **Super Stud Building Products, Inc.**,
Edison, NJ (US)

The ornamental design for a double-return joist, as shown and described.

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(US); **W. Donnell Allen**, Edison, NJ
(US)

DESCRIPTION

(73) Assignee: **SUPER STUD BUILDING PRODUCTS, INC.**, Edison, NJ (US)

FIG. 1 is a front, right, top perspective view of a double-return joist showing my design therefor;

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

FIG. 2 is a right side elevational view thereof, the left side being a mirror image thereof;

(21) Appl. No.: **29/639,347**

FIG. 3 is a front elevational view thereof;

(22) Filed: **Mar. 6, 2018**

FIG. 4 is a rear elevational view thereof;

(51) **LOC (13) Cl.** **25-01**

FIG. 5 is a top plan view thereof;

(52) **U.S. Cl.**

USPC **D25/133**

FIG. 6 is a bottom plan view thereof;

(58) **Field of Classification Search**

USPC D25/125-136; D8/354, 307, 310, 313,
D8/316, 317, 321, 322, 349, 355, 356,
D8/380

FIG. 7 is a front, right, top perspective view of a second embodiment of a double-return joist showing my design therefor;

(Continued)

FIG. 8 is a right side elevational view thereof, the left side being a mirror image thereof;

(56) **References Cited**

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(Continued)

FIG. 9 is a front elevational view thereof;

FIG. 10 is a rear elevational view thereof;

FIG. 11 is a top plan view thereof;

FIG. 12 is a bottom plan view thereof;

FIG. 13 is a front, right, top perspective view of a third embodiment of a double-return joist showing my design therefor;

FIG. 14 is a right side elevational view thereof, the left side being a mirror image thereof;

FIG. 15 is a front elevational view thereof;

FIG. 16 is a rear elevational view thereof;

FIG. 17 is a top plan view thereof;

FIG. 18 is a bottom plan view thereof;

FIG. 19 is a front, right, top perspective view of a fourth embodiment of a double-return joist showing my design therefor;

FIG. 20 is a right side elevational view thereof, the left side being a mirror image thereof;

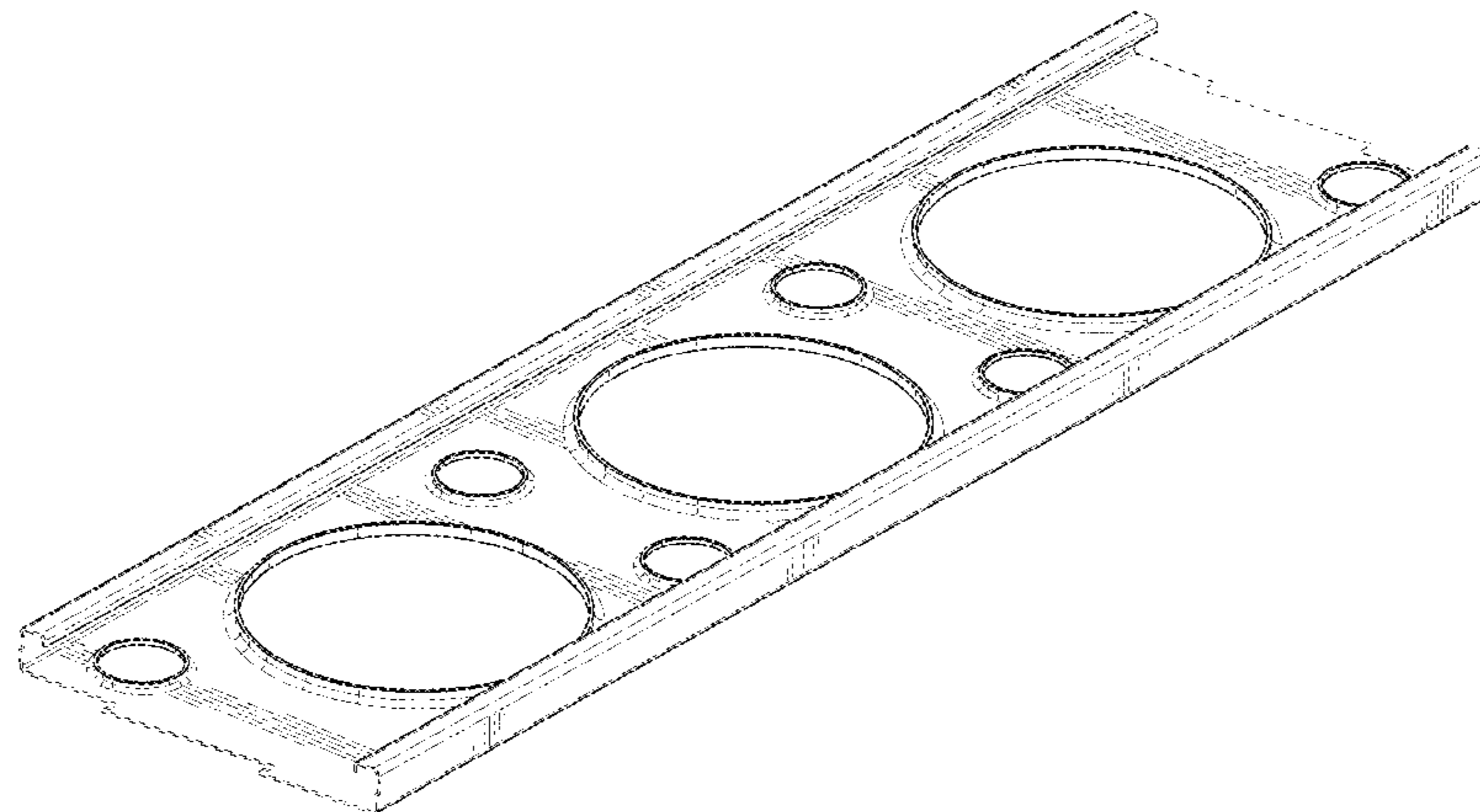
FIG. 21 is a front elevational view thereof;

FIG. 22 is a rear elevational view thereof;

FIG. 23 is a top plan view thereof; and,

FIG. 24 is a bottom plan view thereof.

(Continued)



SuperJoist and SuperMaxx Joist Comparison <https://www.buysuperstud.com/products/structural-framing/supermaxx-joist> Jan. 25, 2021 (Year: 2021).*

(Continued)

Primary Examiner — Samantha Q Lawrence
(74) *Attorney, Agent, or Firm* — Notaro, Michalos & Zaccaria P.C.

In the figures, broken lines represent break lines of the double-return joist that form no part of the claim.

1 Claim, 16 Drawing Sheets

(58) Field of Classification Search

CPC E04C 2003/0421; E04C 2003/0434; E04C 2003/0452; E04C 3/06; E04C 2003/023; E04C 2003/0413; E04C 3/14; B32B 15/043; B32B 2419/00; B32B 2607/00; B32B 2607/02; E04B 1/5812; E04B 2001/2457

See application file for complete search history.

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<https://www.buysuperstud.com/news/general-news/super-stud-launches-new-supermaxx-steel-joist-stud-system> Apr. 30, 2019 (Year: 2019).*

* cited by examiner

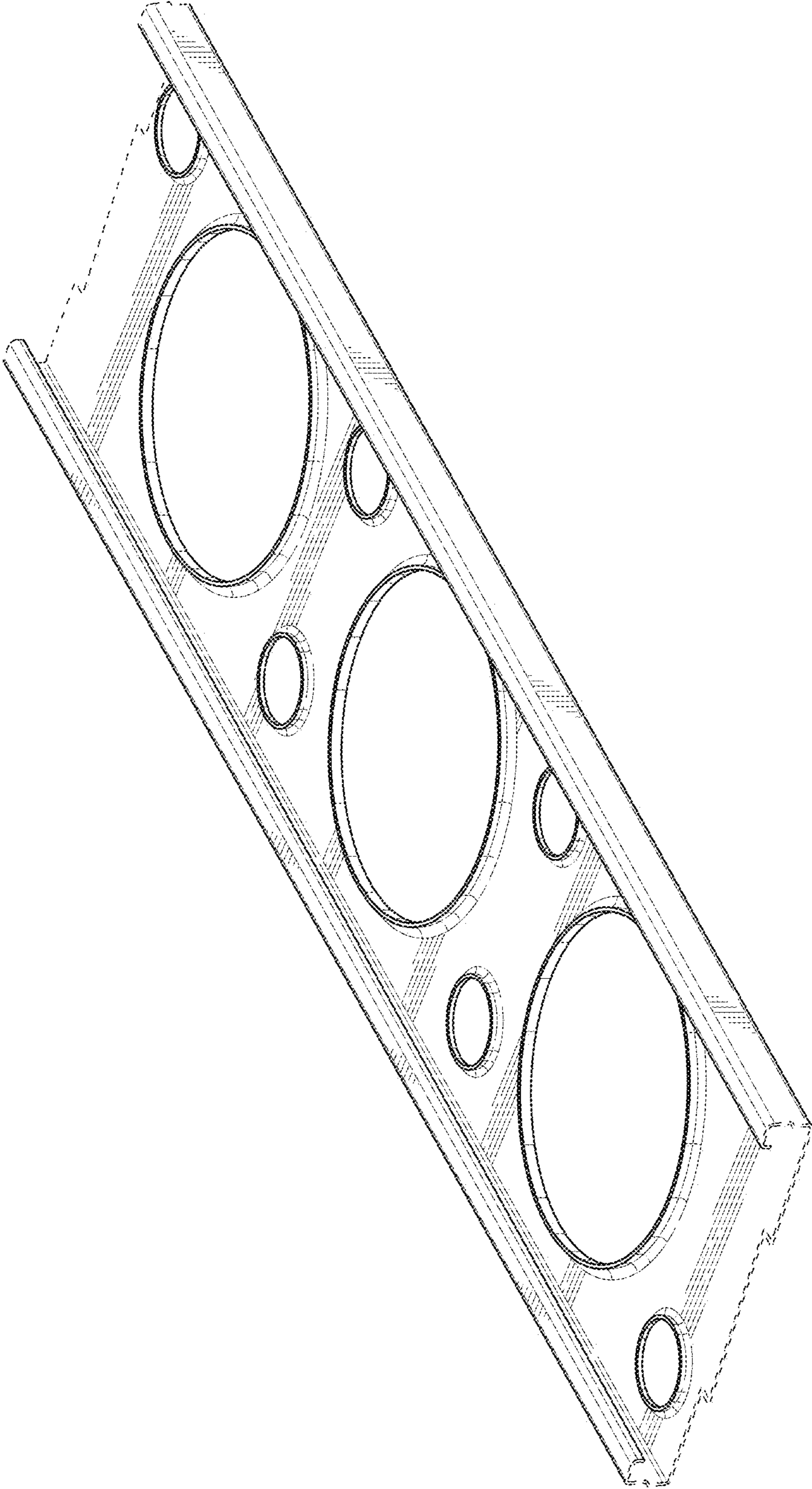


FIG. 1



FIG. 2



FIG. 4



FIG. 3

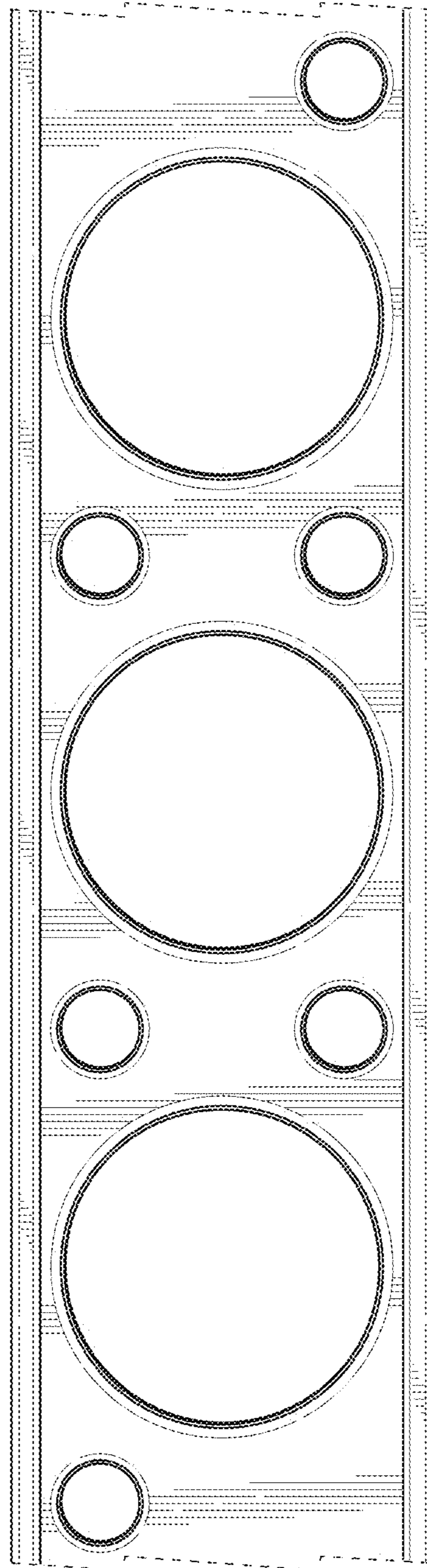


FIG. 5

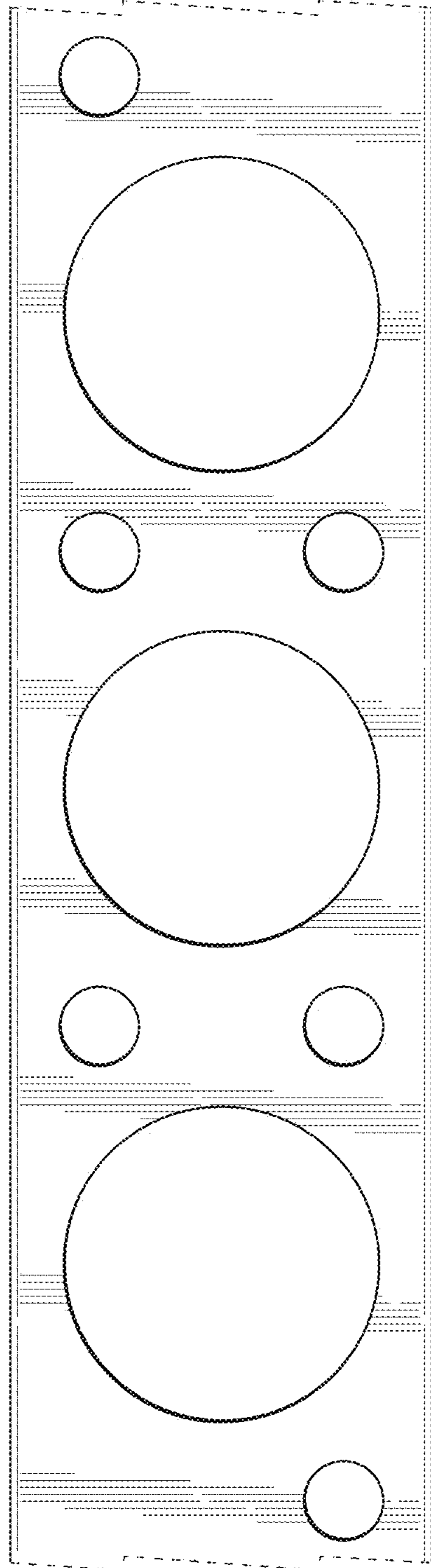


FIG. 6

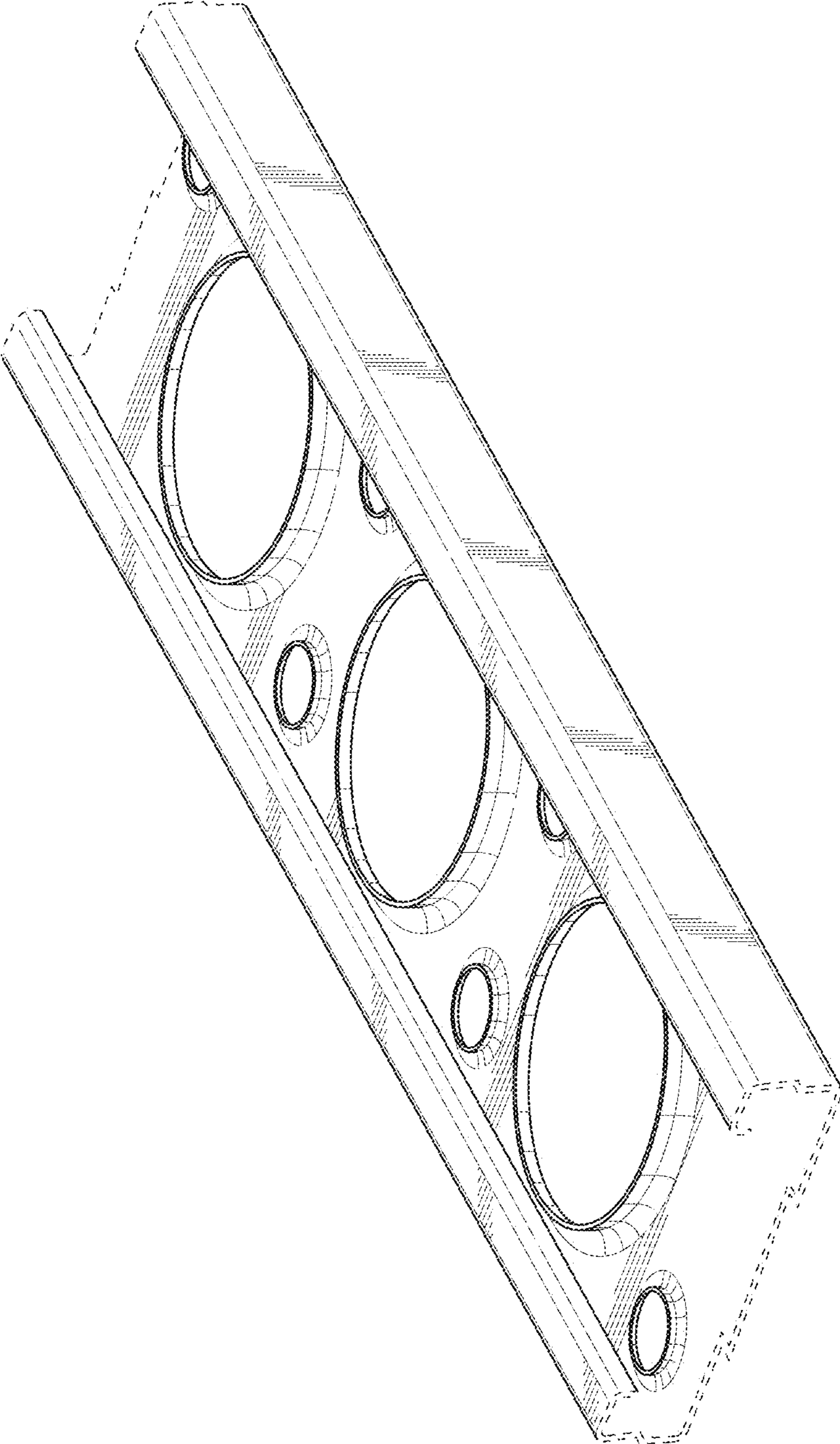


FIG. 7

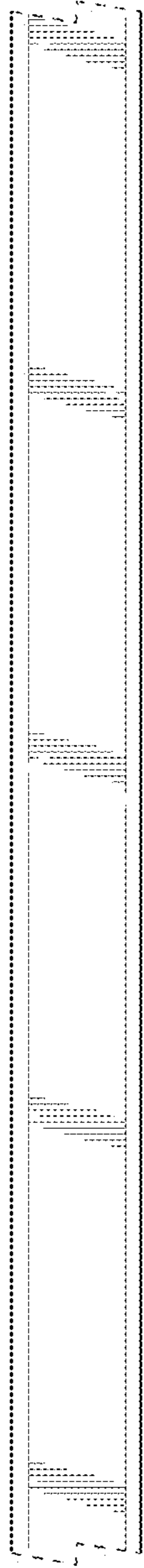


FIG. 8



FIG. 10

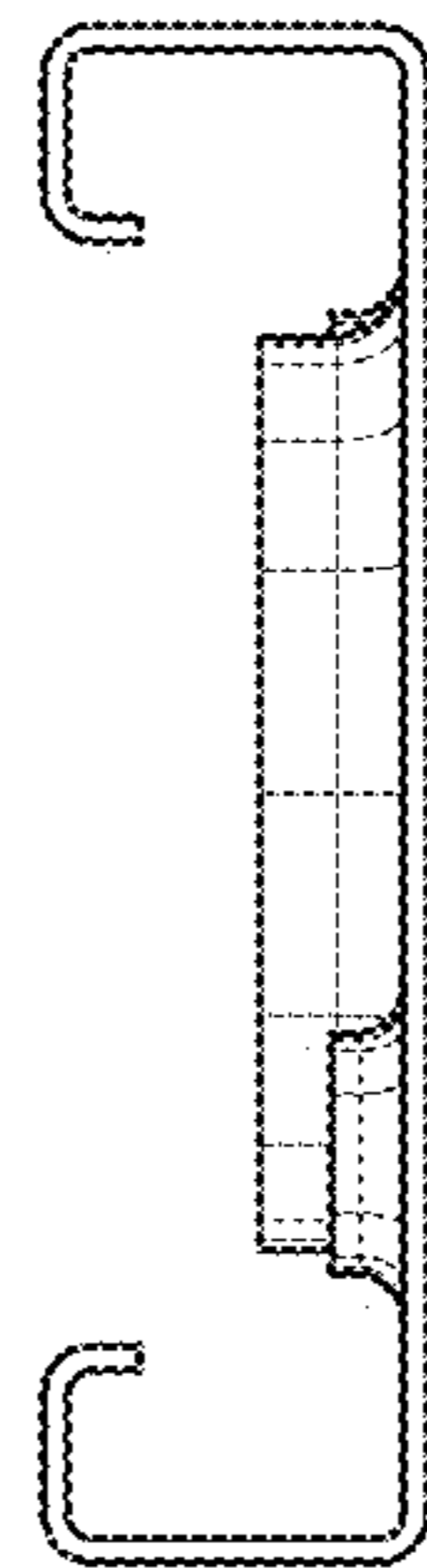


FIG. 9

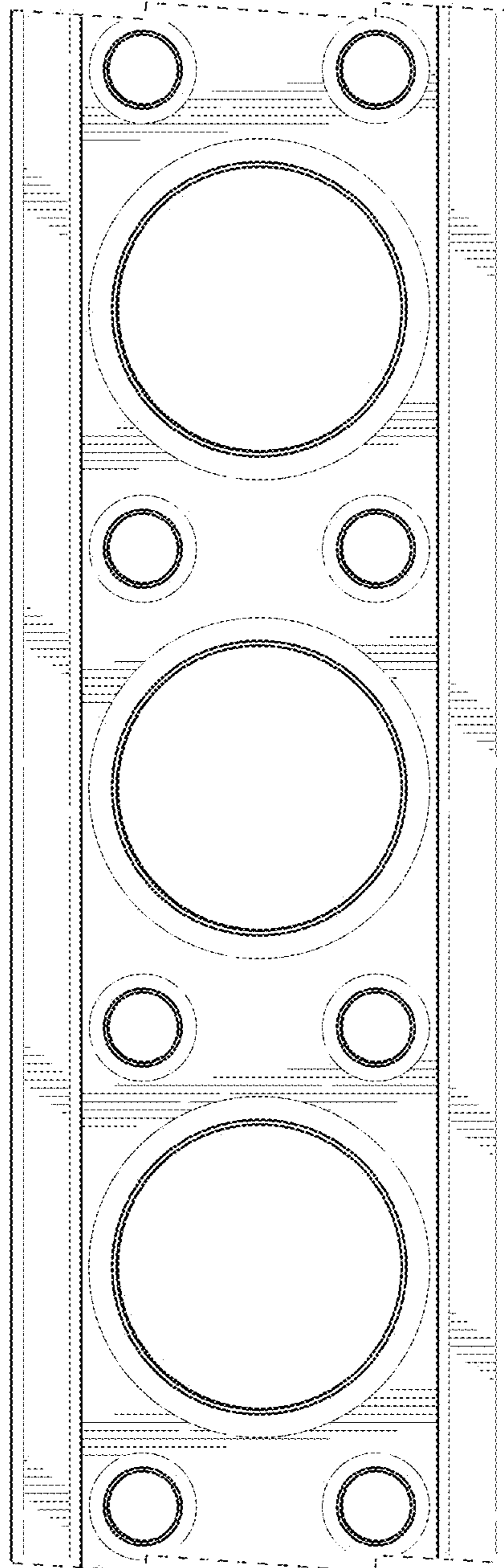


FIG. 11

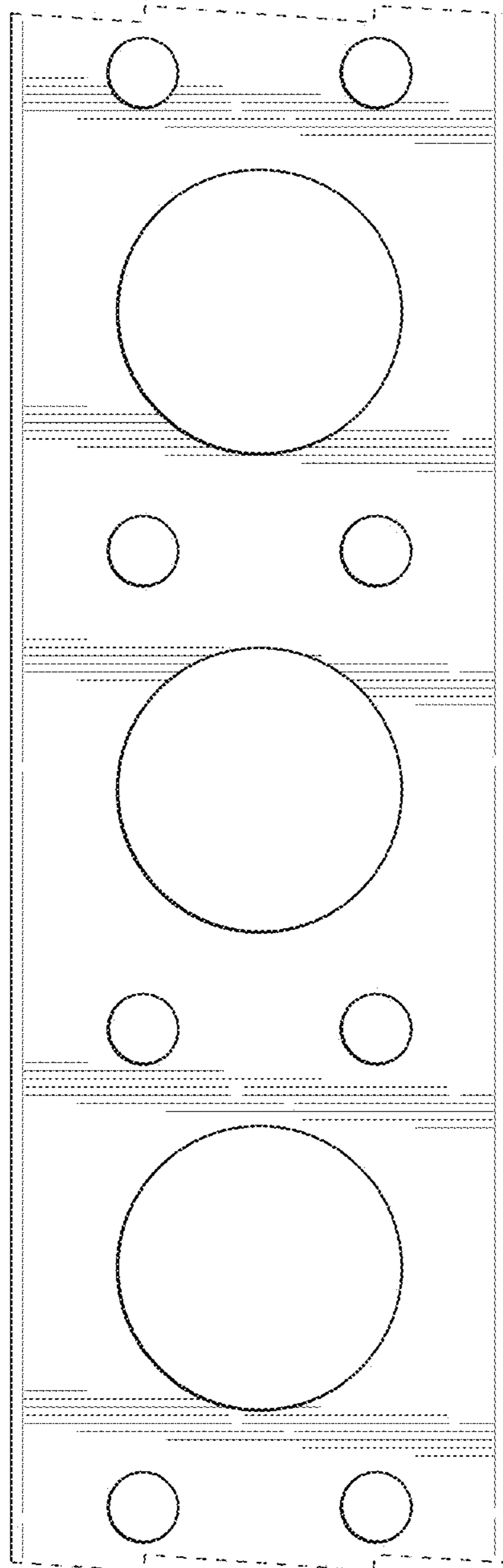


FIG. 12

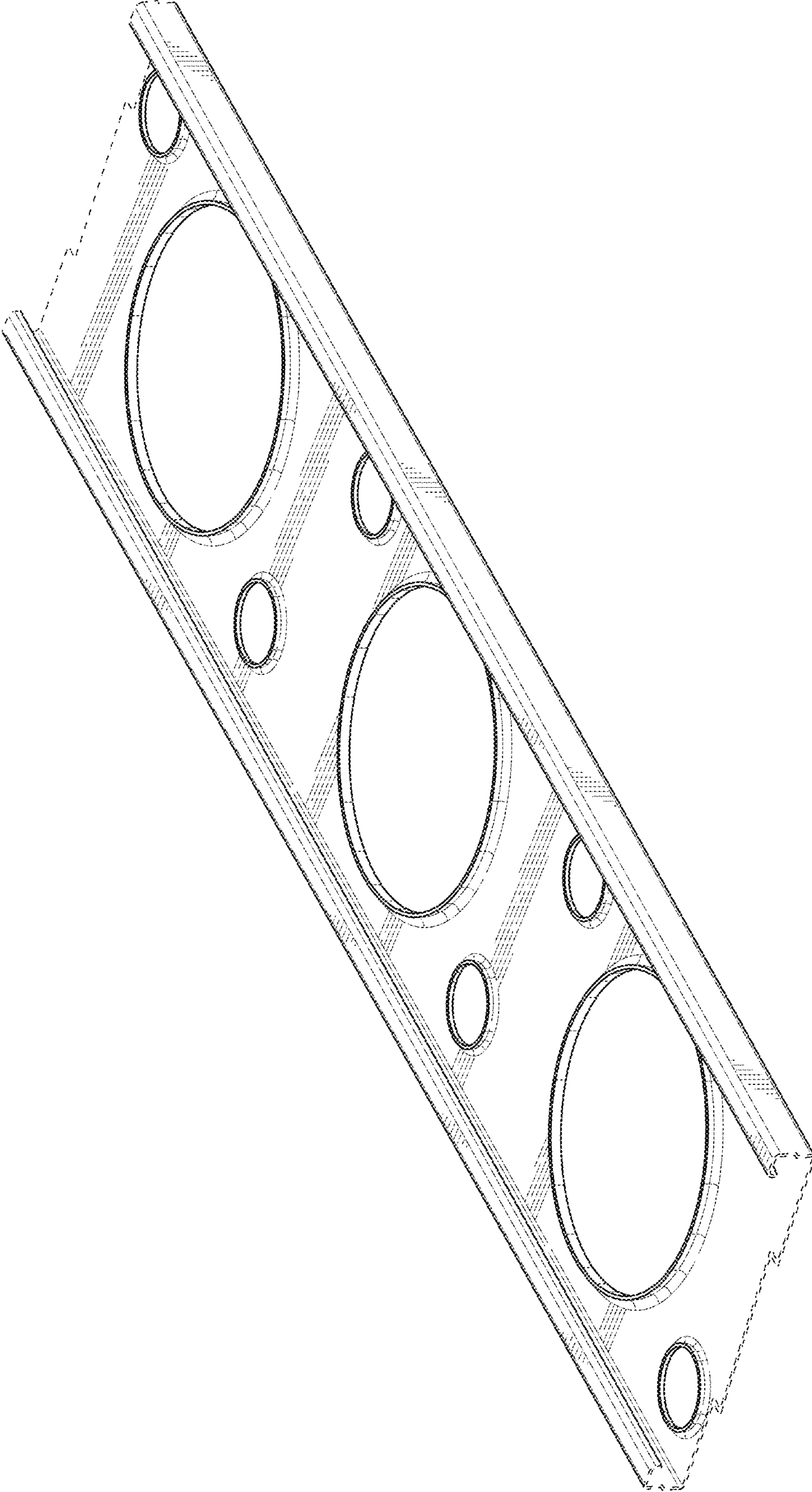


FIG. 13

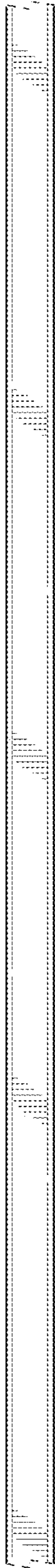


FIG. 14

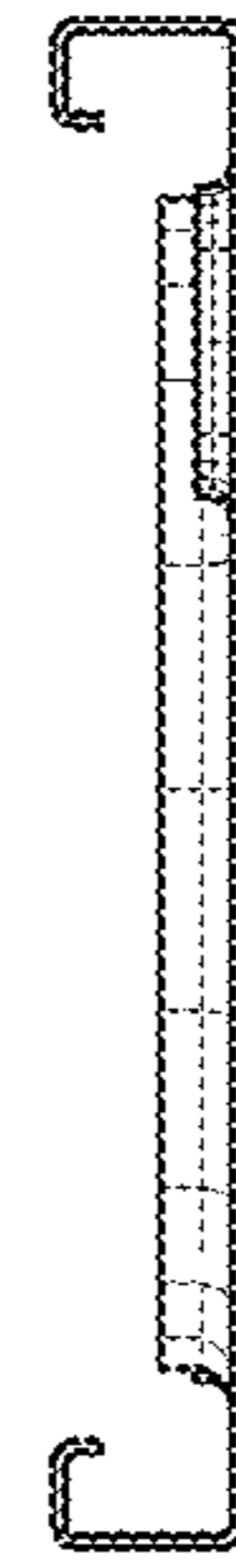


FIG. 15



FIG. 16

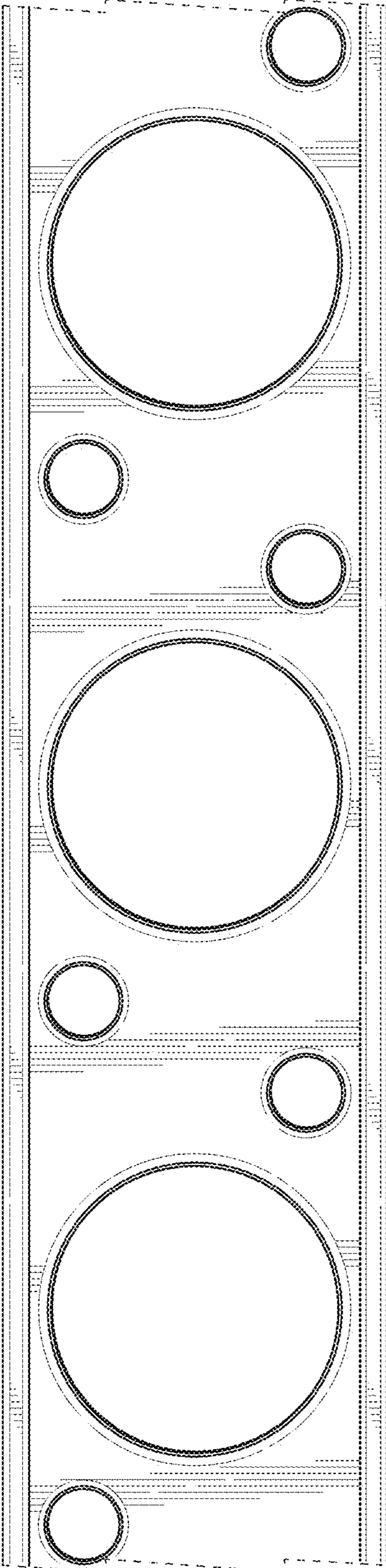


FIG. 17

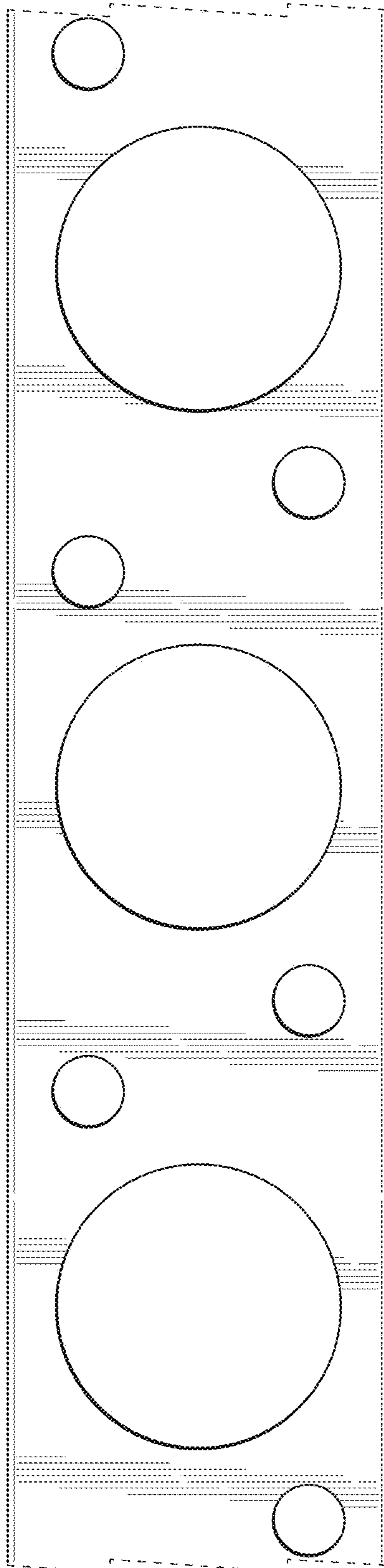


FIG. 18

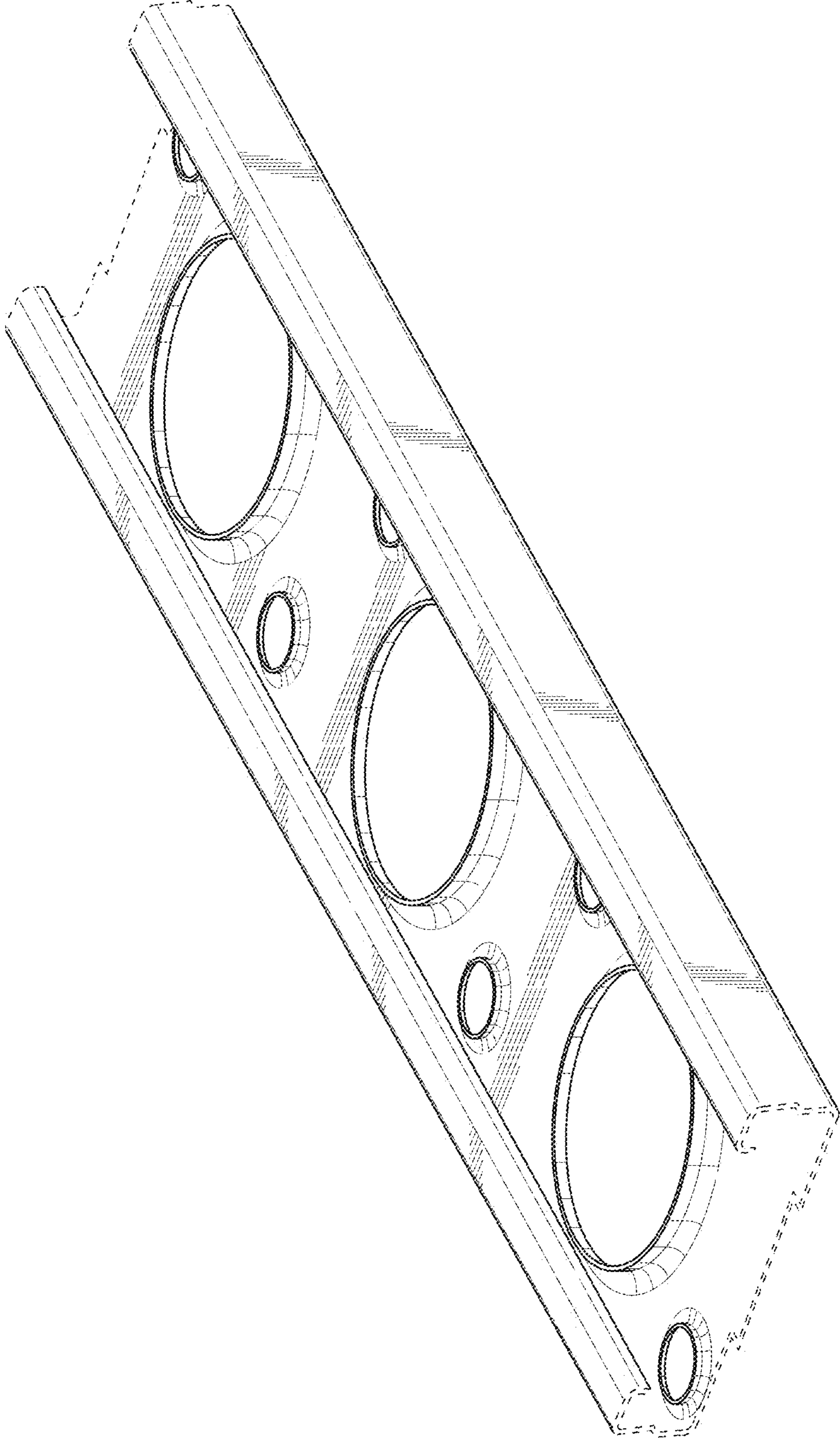


FIG. 19

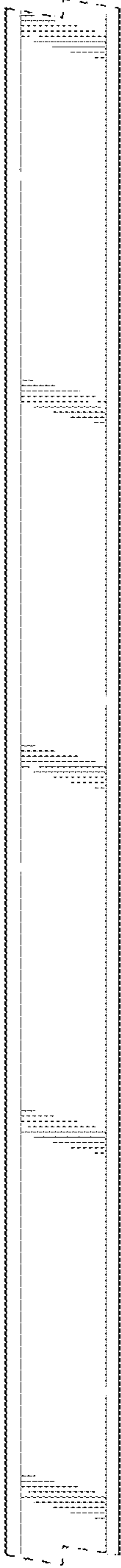


FIG. 20

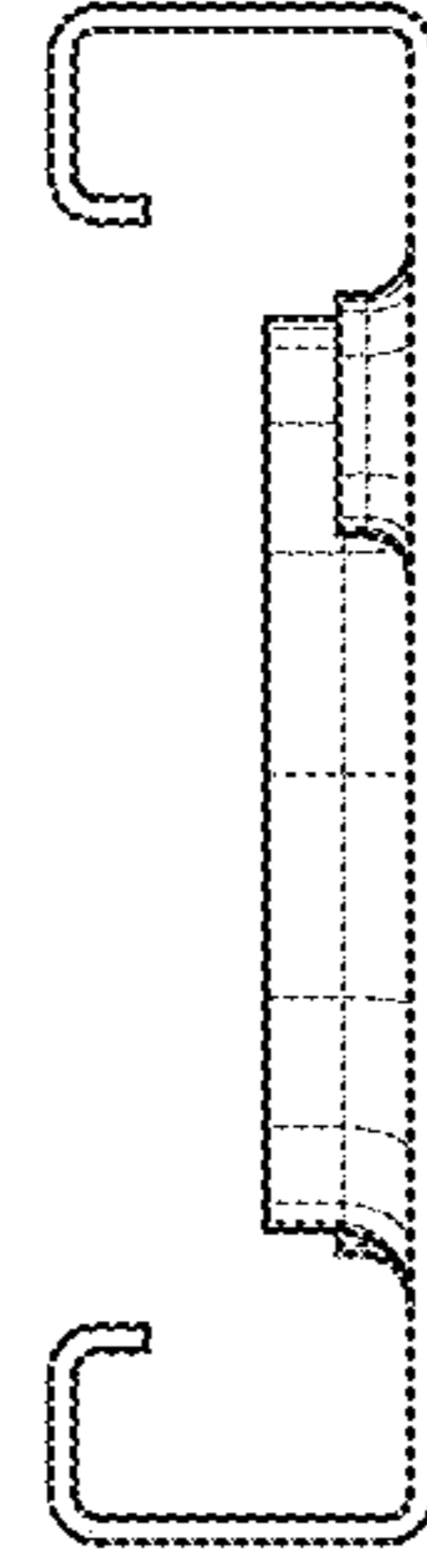


FIG. 22

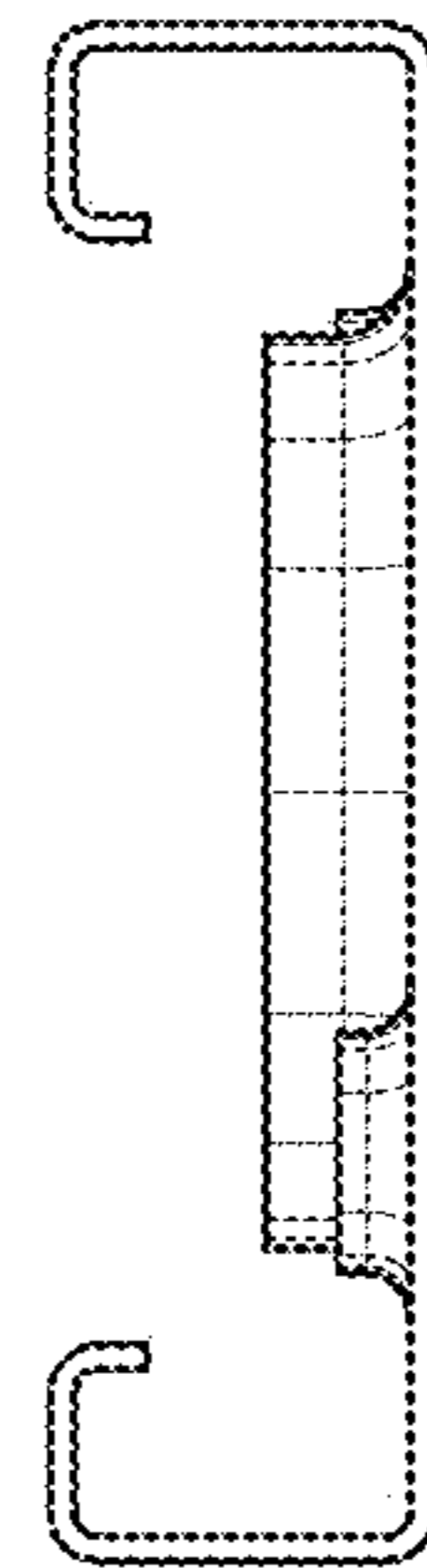


FIG. 21

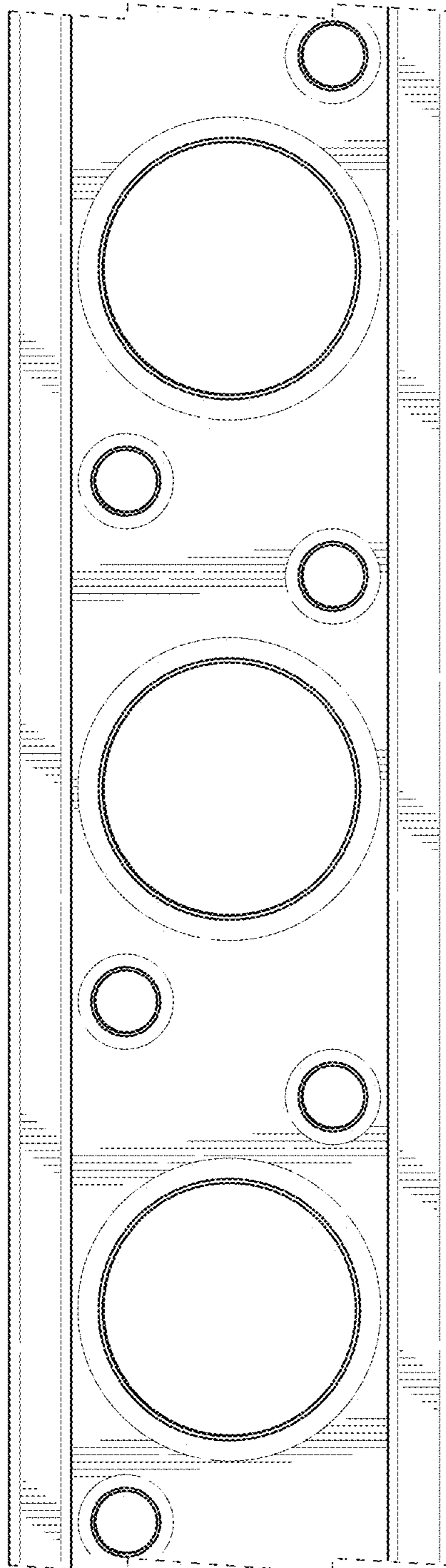


FIG. 23

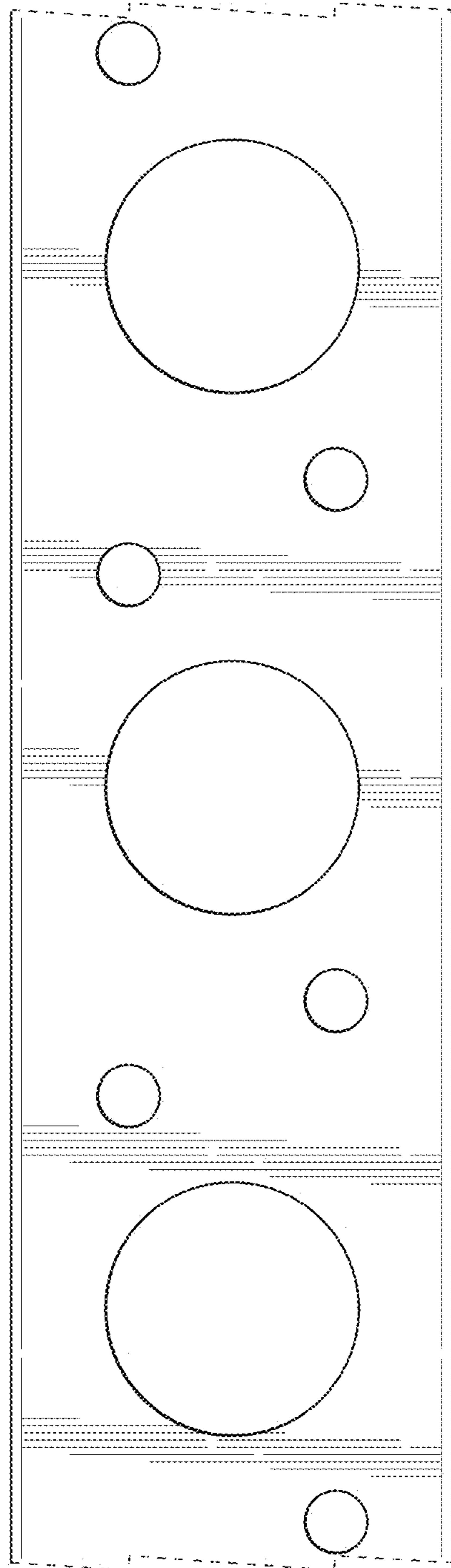


FIG. 24