



US00D974321S

(12) **United States Design Patent**
Suzuki

(10) **Patent No.:** **US D974,321 S**
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(54) **AUDIO AMPLIFIER**

(71) Applicant: **Audio-Technica Corporation**, Tokyo (JP)

(72) Inventor: **Wataru Suzuki**, Tokyo (JP)

(73) Assignee: **Audio-Technica Corporation**, Tokyo (JP)

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (14) Cl.** **14-03**

(52) **U.S. Cl.**
USPC **D14/188**

(58) **Field of Classification Search**
USPC D14/125-126, 155-159, 160-173,
D14/187-188, 191-198, 203.1-203.8,
(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,664,068 A * 3/1928 Fisher A47G 19/24
222/196.3
D148,651 S * 2/1948 Steele D7/591
(Continued)

FOREIGN PATENT DOCUMENTS

CN 305869137 * 6/2020
CN 306236626 * 12/2020
(Continued)

OTHER PUBLICATIONS

Audio-technica ATBHA100 Vacuum Tube Hybrid Headphone Amplifier, date first available: Dec. 2, 2018, [retrieved Dec. 15, 2021],

from Internet, URL: <<https://www.amazon.co.jp/-/en/audio-technica-AT-BHA100-Vacuum-Headphone-Amplifier/dp/B08Q8BSC5V>> (Year: 2018).*

(Continued)

Primary Examiner — Messina L Smith

Assistant Examiner — Aram Kwon

(74) *Attorney, Agent, or Firm* — WCF IP

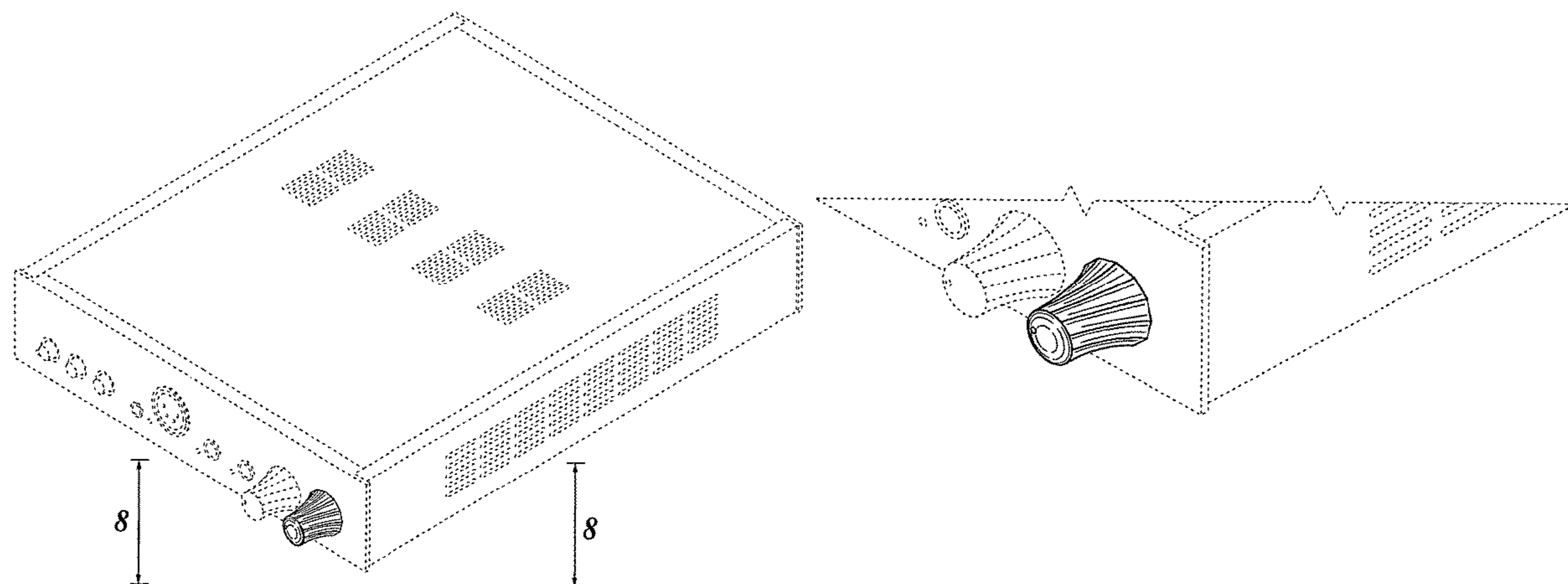
(57) **CLAIM**

The ornamental design for an audio amplifier, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of an audio amplifier; FIG. 2 is a front elevational view of the audio amplifier; FIG. 3 is a rear elevational view of the audio amplifier; FIG. 4 is a top plan view of the audio amplifier; FIG. 5 is a bottom plan view of the audio amplifier; FIG. 6 is a right side elevational view of the audio amplifier; FIG. 7 is a left side elevational view of the audio amplifier; FIG. 8 is an enlarged view of a portion of the audio amplifier taken along lines 8-8 in FIG. 1; FIG. 9 is an enlarged front elevational view of the audio amplifier; FIG. 10 is an enlarged view of a portion of the audio amplifier taken along lines 10-10 in FIG. 4; FIG. 11 is a front elevational view of the audio amplifier shown in a state of use; and, FIG. 12 is a perspective view of the audio amplifier shown in a state of use. Portions of the audio amplifier shown in broken lines form no part of the claimed design. The audio amplifier is shown with symbolic breaks in its length in FIGS. 8 and 10 that are shown in broken lines that form no part of the claimed design. The appearance of any portion of the article beyond the break lines forms no part of the claimed design.

1 Claim, 12 Drawing Sheets



(58) **Field of Classification Search**

USPC D14/204–216, 217–222, 225–229, 445,
 D14/496, 500; D16/200–208, 211,
 D16/216–219, 221, 225, 230, 237;
 D10/65–66, 110, 113.4, 114.3–114.5,
 D10/117; D7/340, 347–349, 351, 393,
 D7/591
 CPC H04R 1/02; H04R 1/021; H04R 1/025;
 H04R 1/026; H04R 1/028; H04R 1/06;
 H04R 1/105; H04R 1/323; H04R 1/403;
 H04R 1/2803; H04R 1/2834
 See application file for complete search history.

D948,465 S * 4/2022 Nishida D14/137
 D950,513 S * 5/2022 Ou D14/155
 D951,914 S * 5/2022 Wan D14/217
 D952,603 S * 5/2022 Wen D14/225
 D952,606 S * 5/2022 Sugita D14/217

FOREIGN PATENT DOCUMENTS

CN 306391185 * 3/2021
 JP D1651123 * 1/2020
 JP D1664364 * 7/2020
 JP D1664365 * 7/2020
 JP D1664366 * 7/2020
 JP D1664367 * 7/2020
 WO WOD209552-001 * 1/2021

(56) **References Cited**

U.S. PATENT DOCUMENTS

D153,981 S * 5/1949 Reinecke D8/311
 D155,276 S * 9/1949 Eklund D7/591
 D329,051 S * 9/1992 Ito D14/164
 D452,225 S * 12/2001 Becker D14/155
 D540,618 S * 4/2007 Ranzoni D7/393
 D605,604 S * 12/2009 El-Kiss D13/163
 D668,287 S * 10/2012 Kitazawa D17/1
 D668,636 S * 10/2012 Iijima D14/217
 D676,424 S * 2/2013 Ohashi D14/217
 D677,247 S * 3/2013 Iijima D14/217
 D678,249 S * 3/2013 Kuramoto D14/217
 D696,646 S * 12/2013 Deguchi D14/216
 D723,005 S * 2/2015 Ohashi D14/217
 D767,537 S * 9/2016 Matsubayashi D14/217
 D813,210 S * 3/2018 Benedetti D14/230
 D823,377 S * 7/2018 Kitamura D17/99
 D870,702 S * 12/2019 Xiao D14/214
 D884,665 S * 5/2020 Zeng D14/193
 D897,993 S * 10/2020 Gill D14/217
 D905,013 S * 12/2020 Kuramoto D14/217
 D947,154 S * 3/2022 Kuramoto D14/217

OTHER PUBLICATIONS

AT-BHA100 Balanced Headphone Amplifier, date not available, [retrieved Dec. 15, 2021], Retrieved from Internet, URL: <<https://sea.audio-technica.com/AT-BHA100-Balanced-Headphone-Amplifier>> (Year: 2021).*

Audio-Technica ATBHA100 Headphone Amp, Nov. 10, 2021, [retrieved Dec. 15, 2021], Retrieved from Internet, URL: <<https://www.ecoustics.com/products/audio-technica-at-bha100-dac100/>> (Year: 2021).*

Audio-Technica Consumer AT-BHA100 Balanced Headphone Amplifier, date not available, [retrieved Dec. 15, 2021], Retrieved from Internet, URL: <https://www.bhphotovideo.com/c/product/1672206-REG/audio_technica_consumer_at_bha100_balanced_headphone_amplifier.html/qa?ap=y&ap=y&s%E2%80%A6> (Year: 2021).*

CanJam NYC 2020 Coverage Sponsored by Noble Audio Part 2, Mar. 10, 2020, [retrieved Dec. 15, 2021], Retrieved from Internet, URL: <<https://thevinylcleaner.com/canjam-nyc-2020-coverage-sponsored-by-noble-audio-part-2/>> (Year: 2020).*

* cited by examiner

FIG. 1

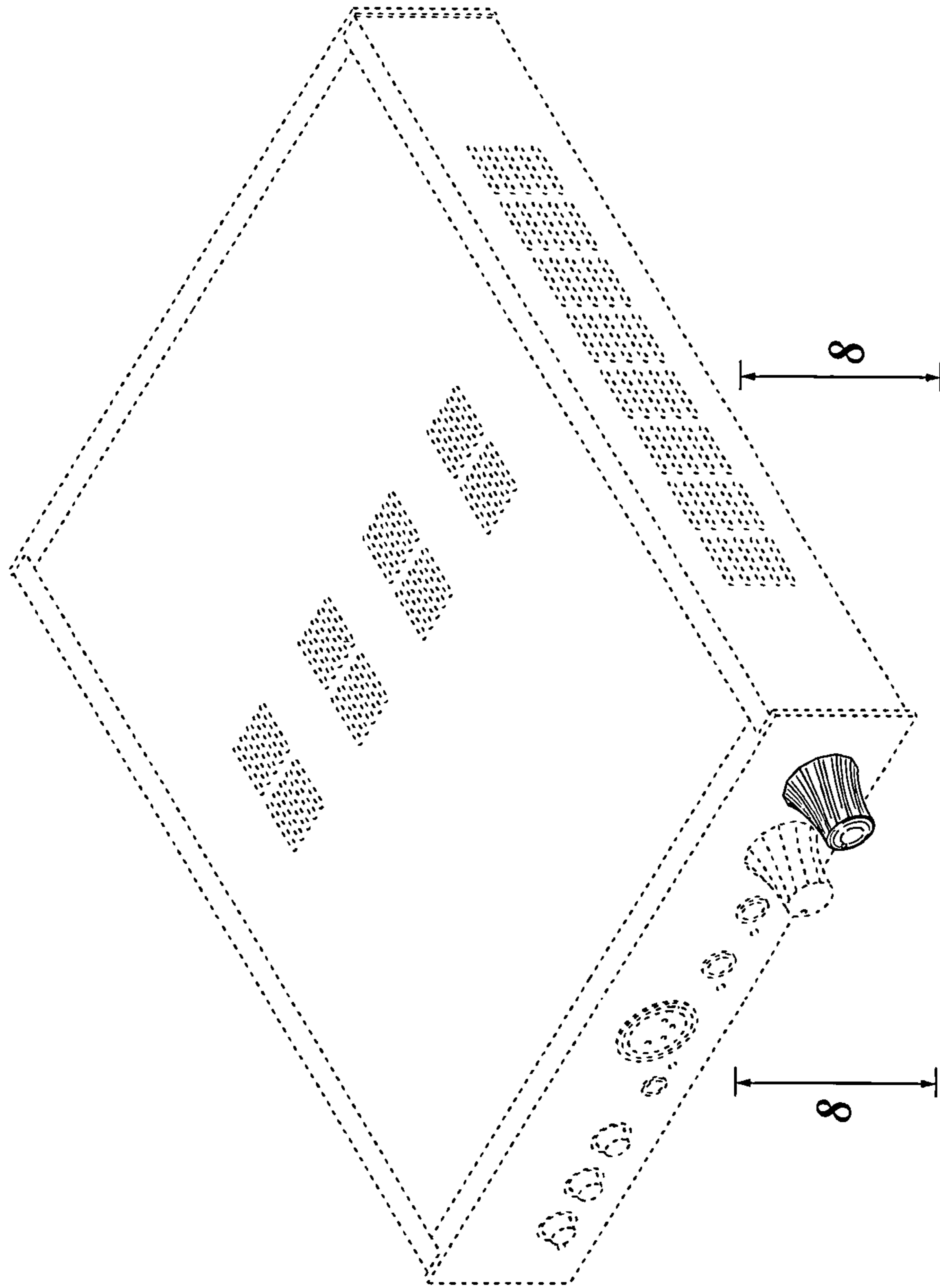


FIG. 2

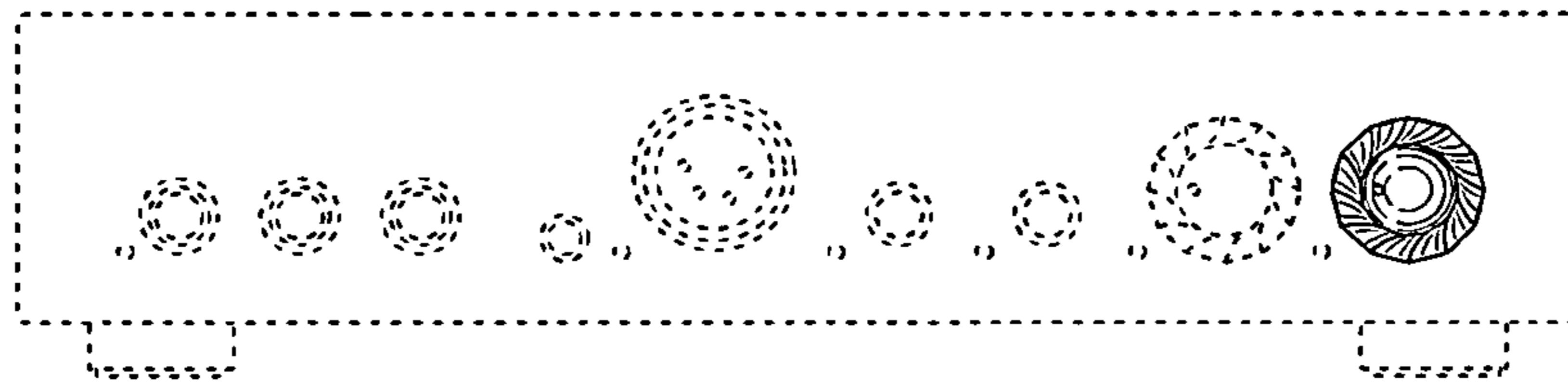


FIG. 3

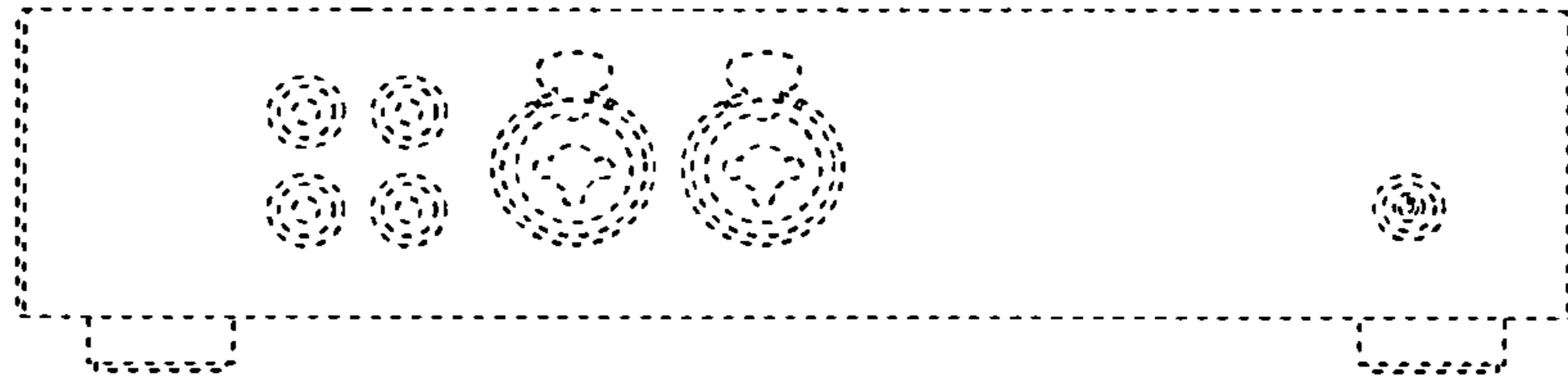


FIG. 4

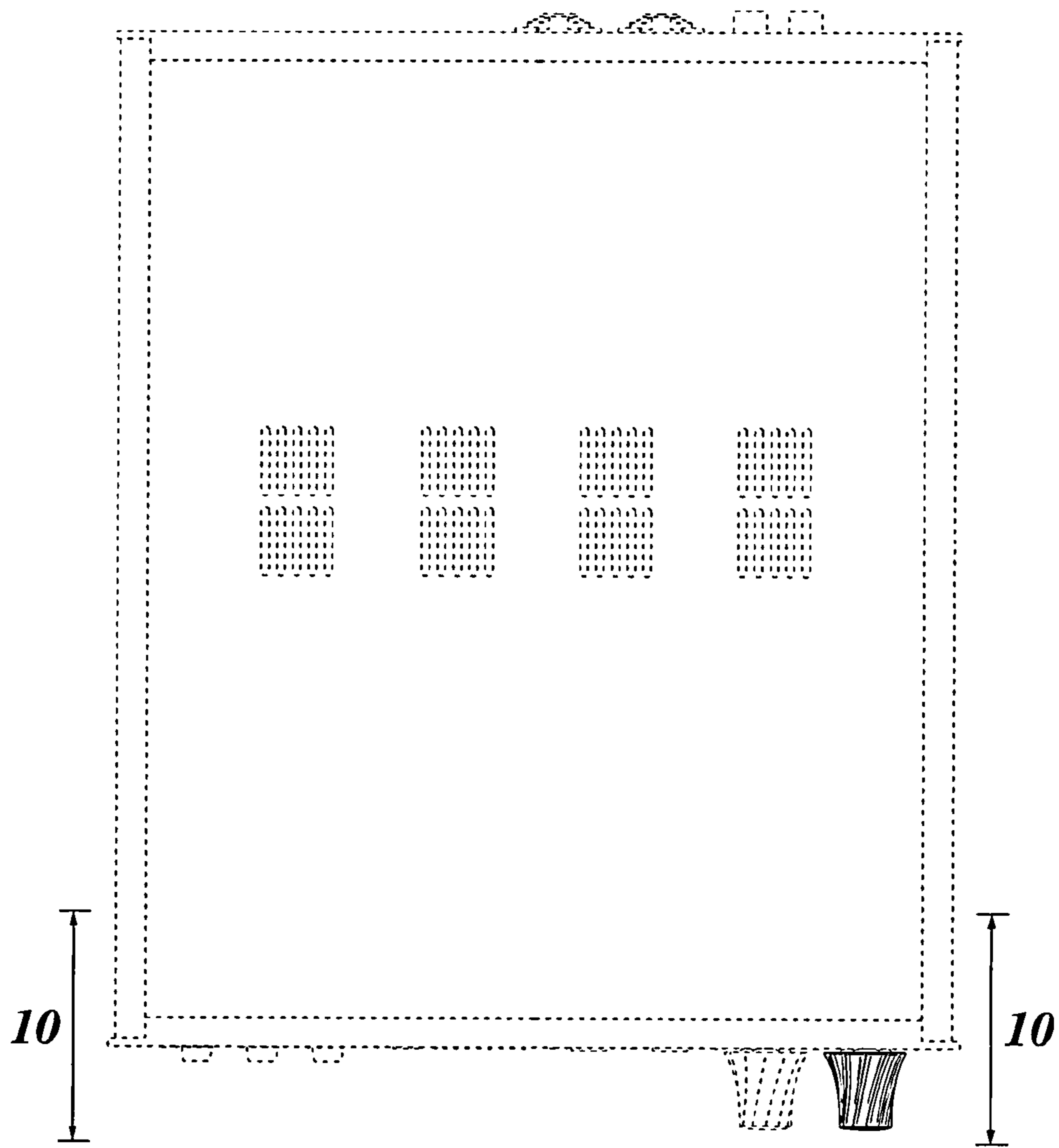


FIG. 5

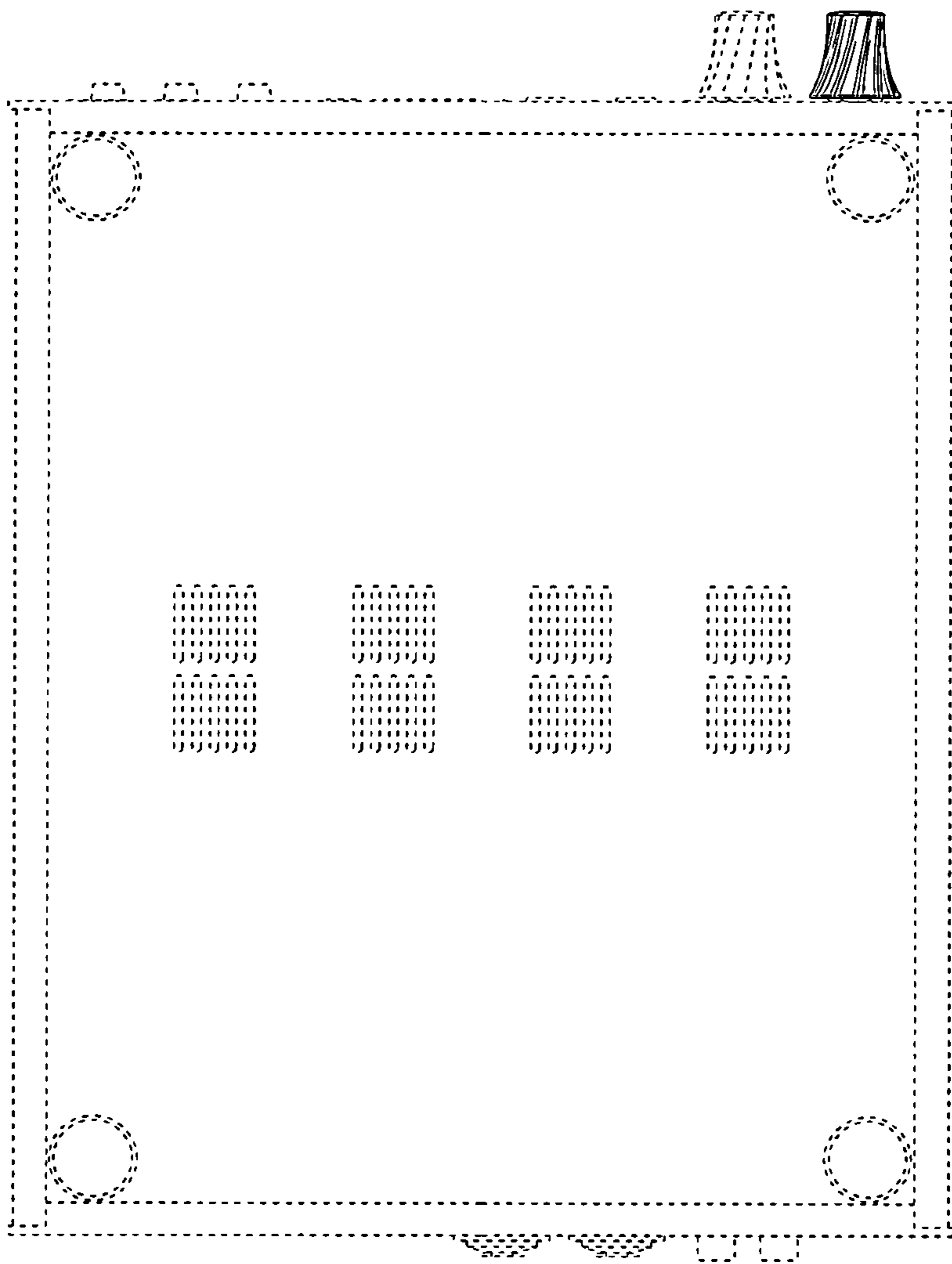


FIG. 6

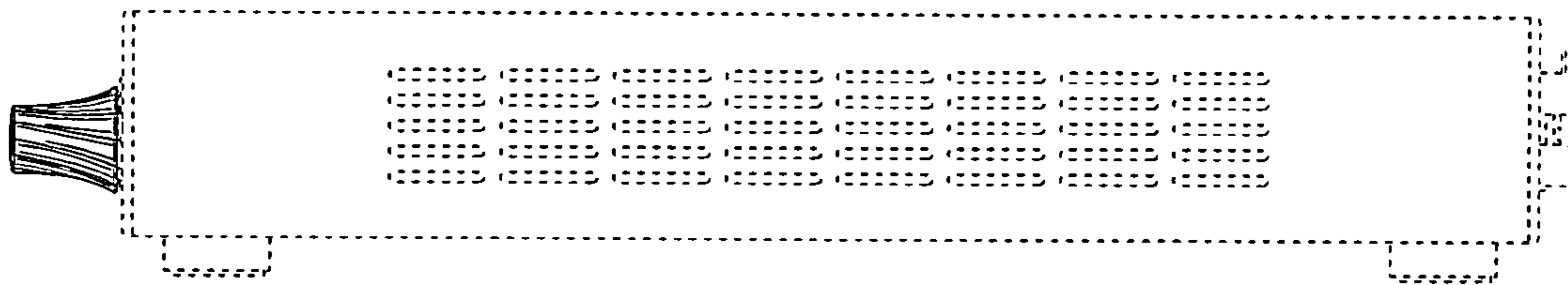


FIG. 7

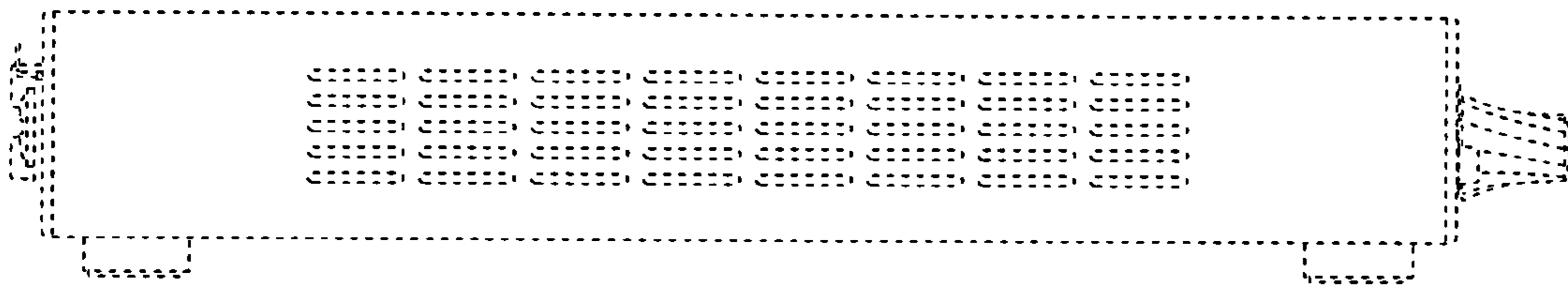


FIG. 8

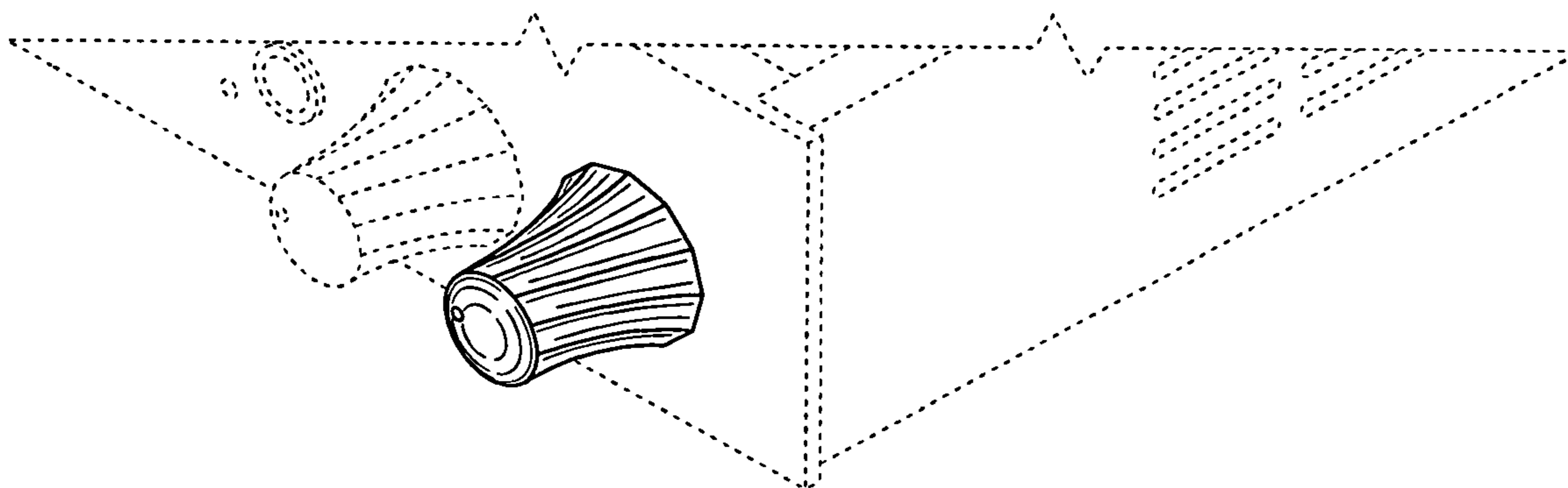


FIG. 9

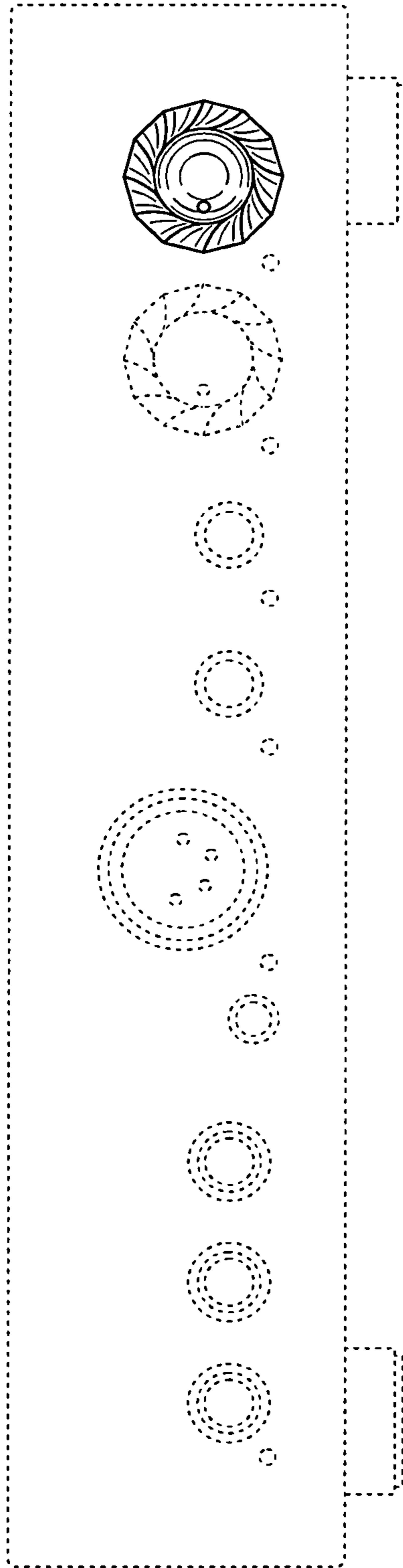


FIG. 10

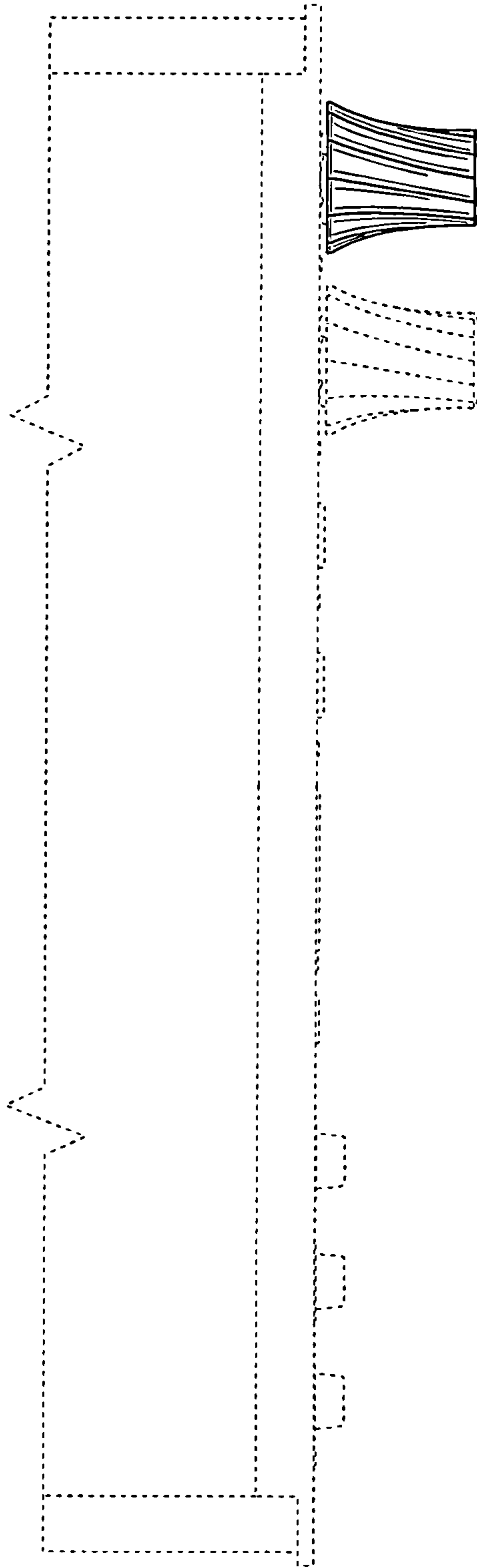


FIG. 11

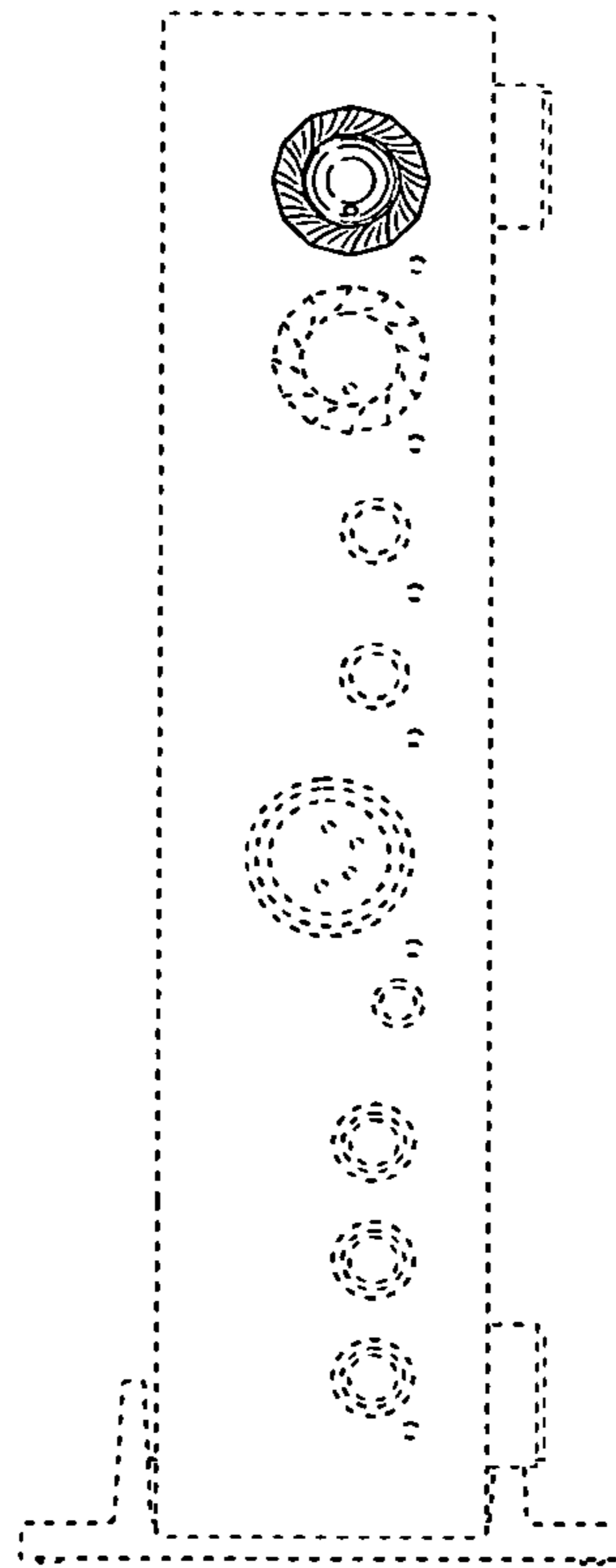


FIG. 12

