

US00D966401S

(12) **United States Design Patent** (10) **Patent No.:** **US D966,401 S**
Shiono et al. (45) **Date of Patent:** **** Oct. 11, 2022**

(54) **PROJECTOR**

(71) Applicant: **SONY GROUP CORPORATION**,
Tokyo (JP)

(72) Inventors: **Daisuke Shiono**, Tokyo (JP); **Hiroataka Tako**, Kanagawa (JP)

(73) Assignee: **SONY GROUP CORPORATION**,
Tokyo (JP)

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

(21) Appl. No.: **29/802,671**

(22) Filed: **Aug. 6, 2021**

Related U.S. Application Data

(62) Division of application No. 29/688,973, filed on Apr. 25, 2019, now Pat. No. Des. 935,513.

(30) **Foreign Application Priority Data**

Jan. 28, 2019 (CN) 201930048096.2
Jan. 28, 2019 (JP) 2019-001503
Jan. 28, 2019 (JP) 2019-001504
Jan. 28, 2019 (JP) 2019-001505
Jan. 28, 2019 (JP) 2019-001506

(51) **LOC (13) Cl.** **16-02**

(52) **U.S. Cl.**
USPC **D16/235**

(58) **Field of Classification Search**
USPC D16/235, 221, 225, 227, 229-230, 214,
D16/219; D21/514; D14/211, 214;
D20/10, 27, 99
CPC G03B 21/14; G03B 21/145; G03B 21/00;
G03B 21/54
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,276,735 A 3/1942 Miller
D148,091 S * 12/1947 Reinecke D16/235

D150,914 S * 9/1948 Wolfer et al. D16/221
D449,634 S 10/2001 Gotham et al.
D498,491 S 11/2004 Ohki et al.
D540,309 S 4/2007 Yuyama
D562,013 S 2/2008 Washechek-Aletto
D562,014 S 2/2008 Washechek-Aletto
D565,081 S * 3/2008 Ishikawa D16/235

(Continued)

FOREIGN PATENT DOCUMENTS

JP 1583513 S 8/2017
KR 301022008.0000 * 2/2019

OTHER PUBLICATIONS

Office Action issued in Japanese Application No. D2019-001506, dated Aug. 2, 2019.

Primary Examiner — Wan Laymon

(74) *Attorney, Agent, or Firm* — Michael Best and Friedrich LLP

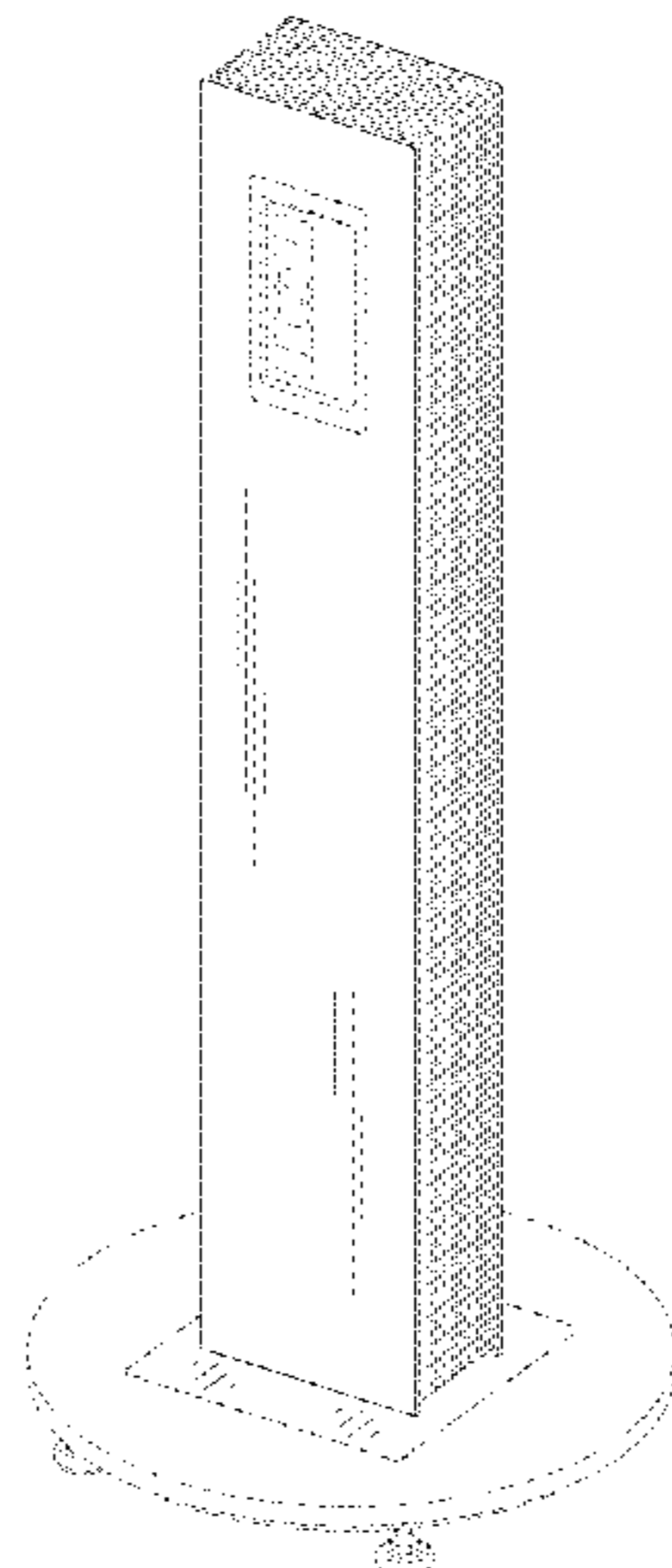
(57) **CLAIM**

The ornamental design for a projector, as shown and described.

DESCRIPTION

FIG. 1 is a front, top, right perspective view of a projector showing our new design;
FIG. 2 is a rear, top, left perspective view thereof;
FIG. 3 is a front elevational view thereof;
FIG. 4 is a rear elevational view thereof;
FIG. 5 is a right side elevational view thereof, a left side elevational view thereof being a mirror image; and,
FIG. 6 is a top plan view thereof.
The broken lines illustrating the unclaimed portions of the projector form no part of the claimed design. Dot-dash broken lines defining the boundaries of the claimed design form no part of the claimed design.

1 Claim, 3 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D565,630	S	4/2008	Morishita	
D565,631	S	4/2008	Morishita	
D585,875	S	2/2009	Matsuoka	
D605,683	S	12/2009	Inoue et al.	
D680,143	S *	4/2013	Henssler	D16/214
D686,269	S	7/2013	Kumagai	
D767,663	S	9/2016	Tsujita	
D805,076	S *	12/2017	Hong	D16/235
D807,648	S	1/2018	Gilad	
D856,426	S *	8/2019	Lim	D20/10
2020/0183263	A1 *	6/2020	Chien	G03B 21/145
2022/0082914	A1 *	3/2022	Zhang	G03B 21/145
2022/0091490	A1 *	3/2022	Lu	G03B 21/145

* cited by examiner

Fig.1

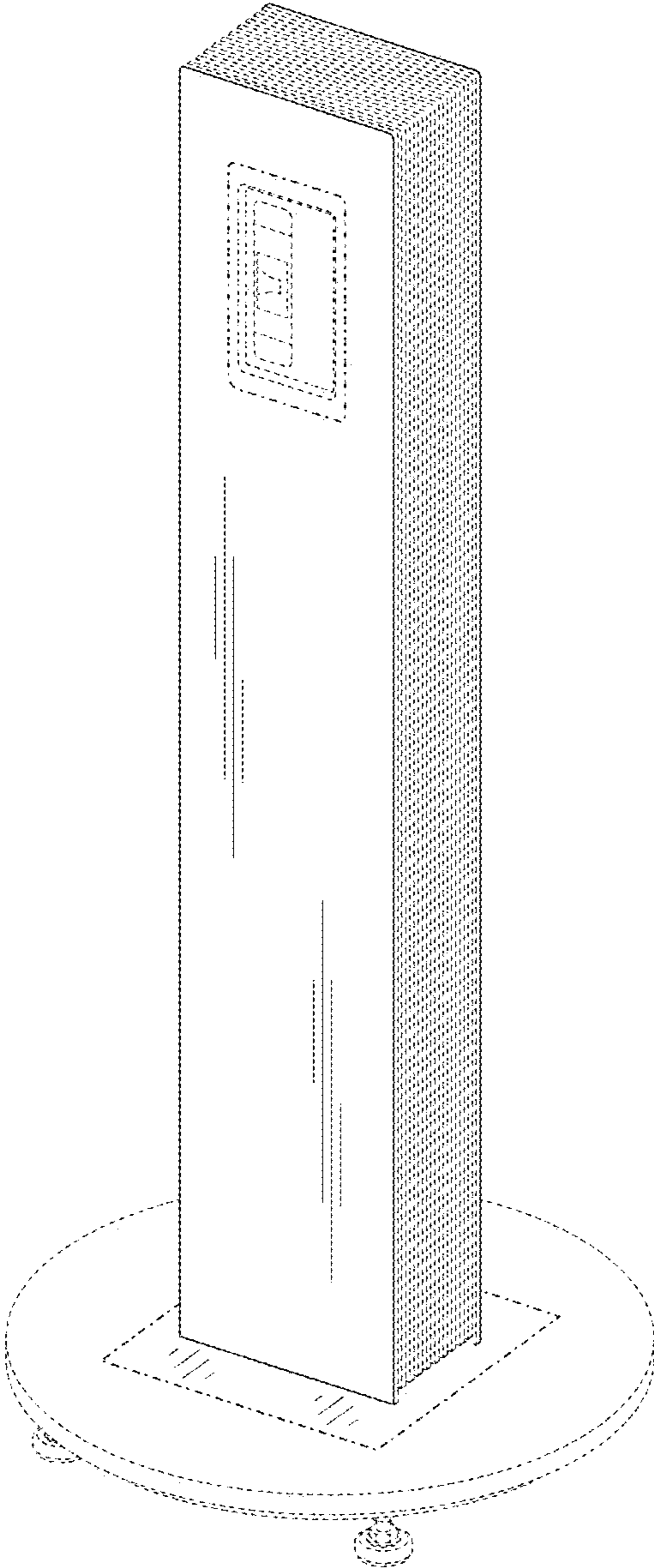


Fig.2

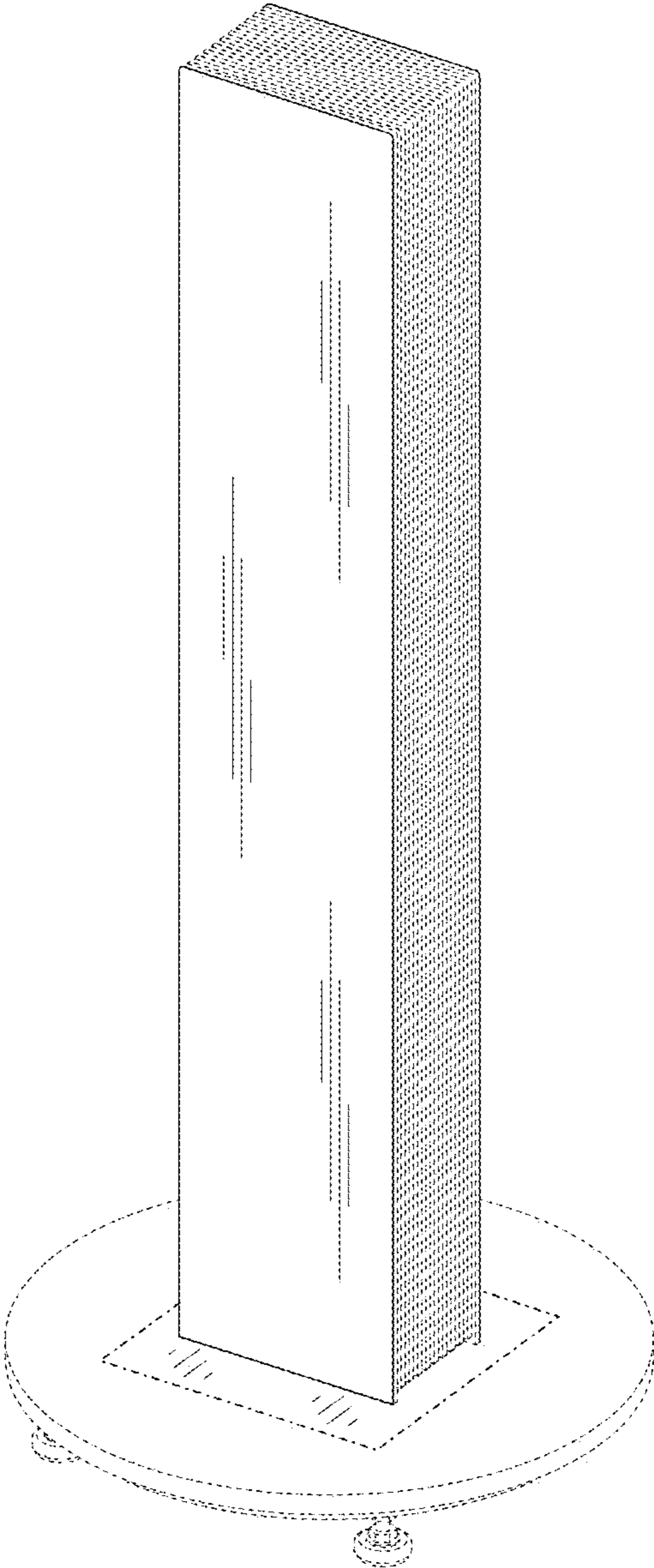


Fig.3

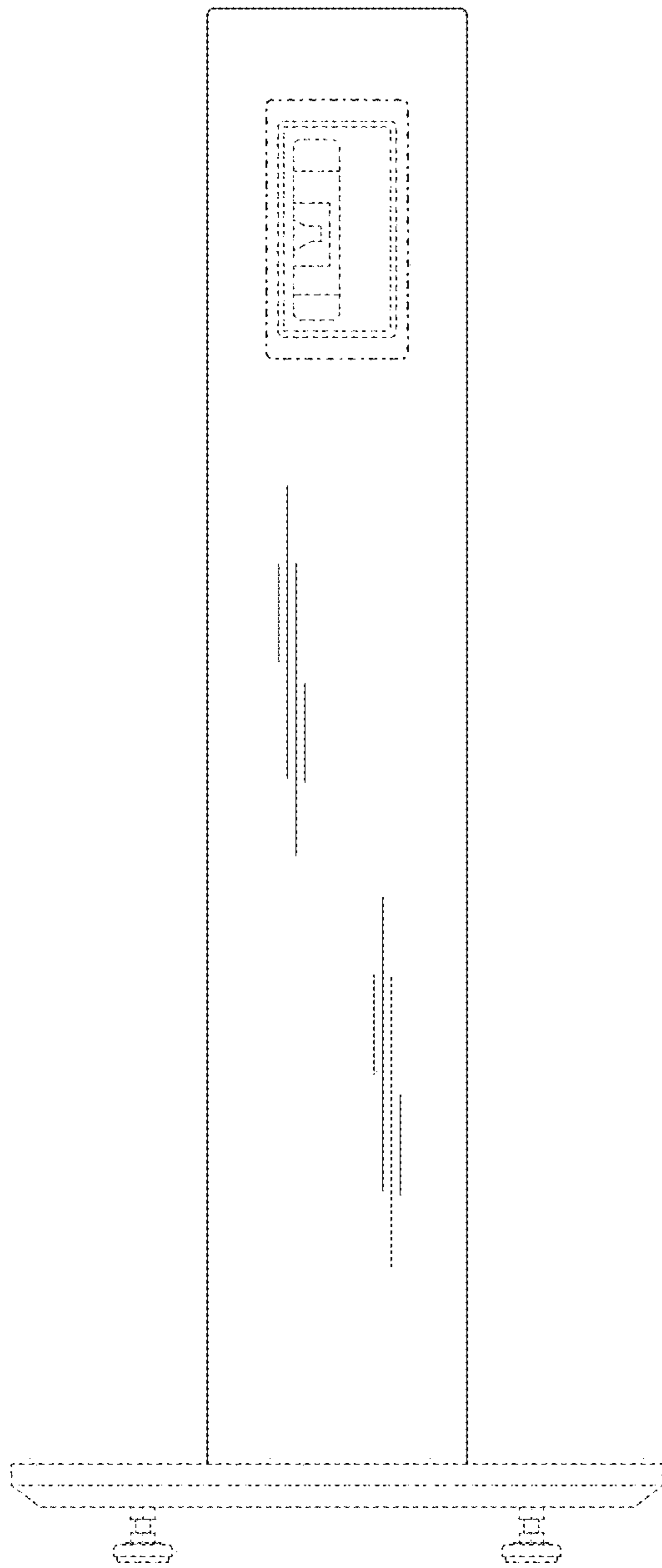


Fig.4

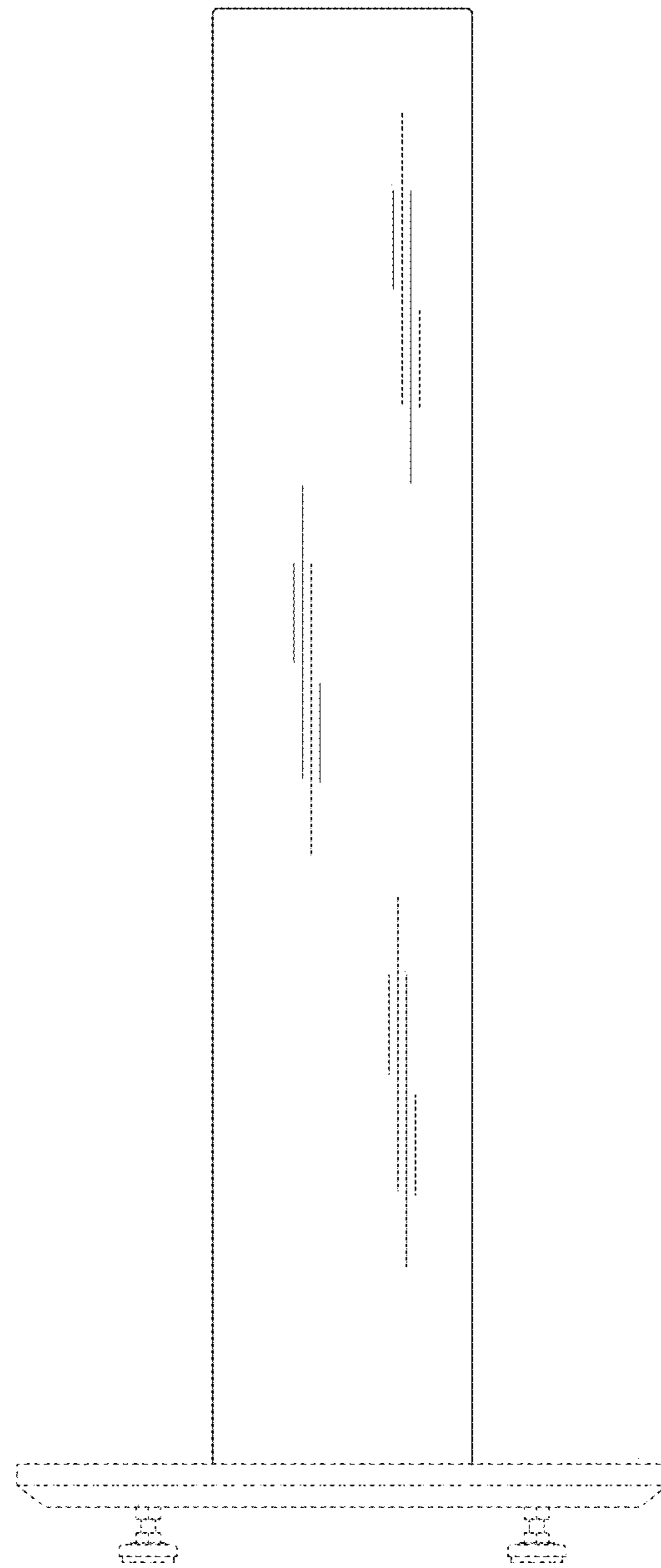


Fig.5

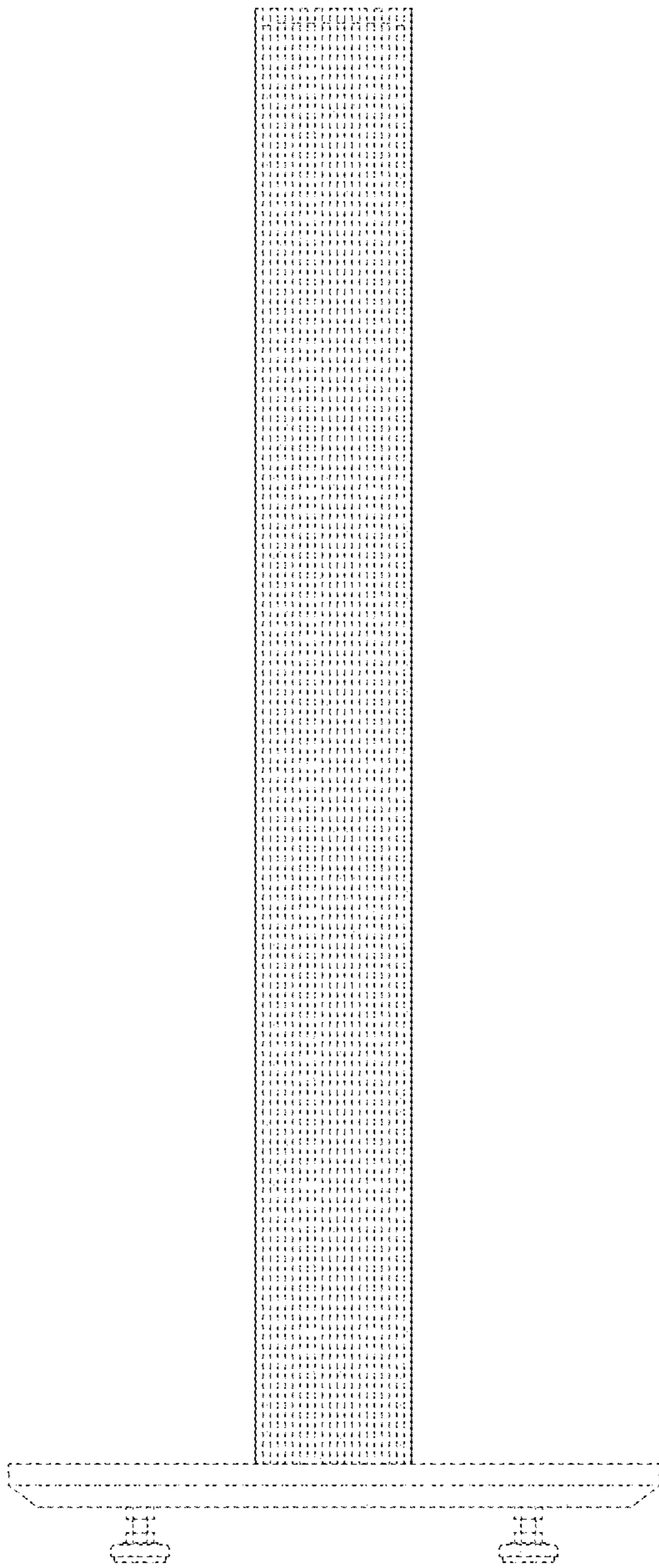


Fig.6

