



US00D863521S

(12) **United States Design Patent** (10) **Patent No.:** **US D863,521 S**
Hirsch et al. (45) **Date of Patent:** **** Oct. 15, 2019**

(54) **CHILLED BEAM**

(56) **References Cited**

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- (73) Assignee: **Air Distribution Technologies IP, LLC**, Milwaukee, WI (US)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/621,394**
- (22) Filed: **Oct. 6, 2017**

U.S. PATENT DOCUMENTS

| | | | |
|--------------|---------|-----------------|---------|
| D327,736 S * | 7/1992 | Shimano | D23/351 |
| D329,691 S * | 9/1992 | Soderberg | D23/330 |
| D426,626 S * | 6/2000 | Nonaka | D23/351 |
| D430,661 S * | 9/2000 | Doczy | D23/351 |
| D448,072 S * | 9/2001 | Wakasa | D23/351 |
| D449,095 S * | 10/2001 | Yanagida | D23/351 |
| D674,964 S * | 1/2013 | Bailey | D26/118 |
| D679,440 S * | 4/2013 | Smith | D26/76 |
| D724,249 S * | 3/2015 | Maxik | D26/76 |
| D736,366 S * | 8/2015 | Picco | D23/386 |
| D761,477 S * | 7/2016 | Guercio | D26/76 |
| D772,386 S * | 11/2016 | Kim | D23/351 |
| D787,656 S * | 5/2017 | Yoo | D23/351 |
| D799,655 S * | 10/2017 | Hirsch | D23/351 |

(Continued)

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(57) **CLAIM**

The ornamental design for a chilled beam, as shown and described.

DESCRIPTION

FIG. 1 is an isometric view of a first embodiment of a chilled beam;
 FIG. 2 is a side view thereof;
 FIG. 3 is another side view thereof;
 FIG. 4 is an end view thereof;
 FIG. 5 is another end view thereof;
 FIG. 6 is top view thereof;
 FIG. 7 is a bottom view thereof; and,
 FIG. 8 is an isometric view of a second embodiment of the chilled beam.

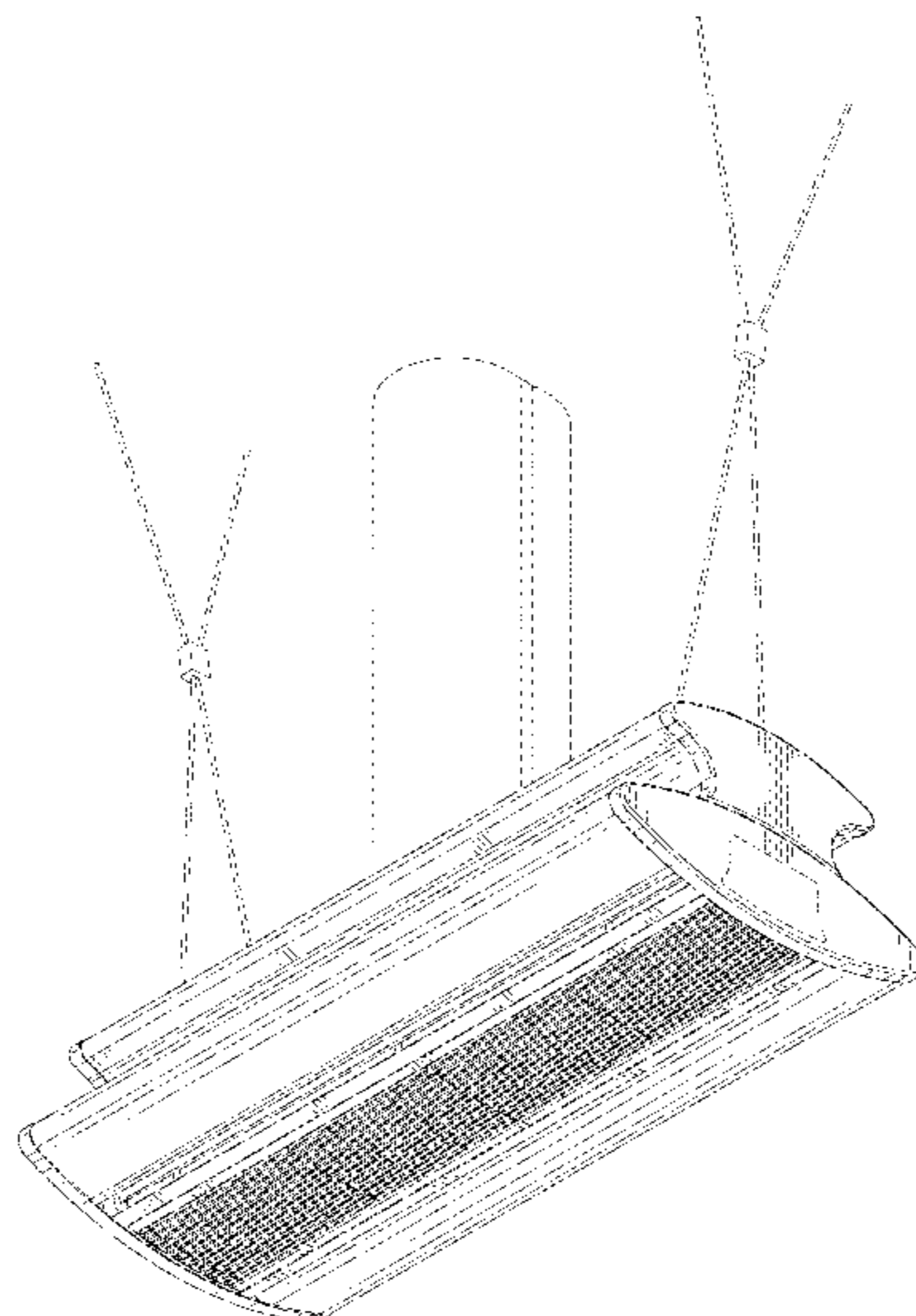
The broken lines in the drawings illustrate the environment of the chilled beam which forms no part of the claimed design.

The break lines indicate that the appearance of any portion of the chilled beam between the break lines forms no part of the claimed design.

Related U.S. Application Data

- (62) Division of application No. 29/524,247, filed on Apr. 17, 2015, now Pat. No. Des. 799,655.
 - (51) **LOC (12) Cl.** **23-04**
 - (52) **U.S. Cl.**
USPC **D23/351**
 - (58) **Field of Classification Search**
USPC D26/72, 74, 76, 78–83; D23/351–354
CPC F21S 2/00; F21S 4/00; F21S 4/003; F21S 4/005; F21S 4/006; F21S 4/007; F21S 4/008; F21S 6/00; F21S 8/00; F21S 8/024; F21S 8/026; F21S 8/031; F21S 8/033; F21S 8/035–8/037; F21S 8/04; F21S 8/043; F21S 8/063
- See application file for complete search history.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D807,495 S * 1/2018 Hirsch D23/393
D819,864 S * 6/2018 Deng D26/76

* cited by examiner

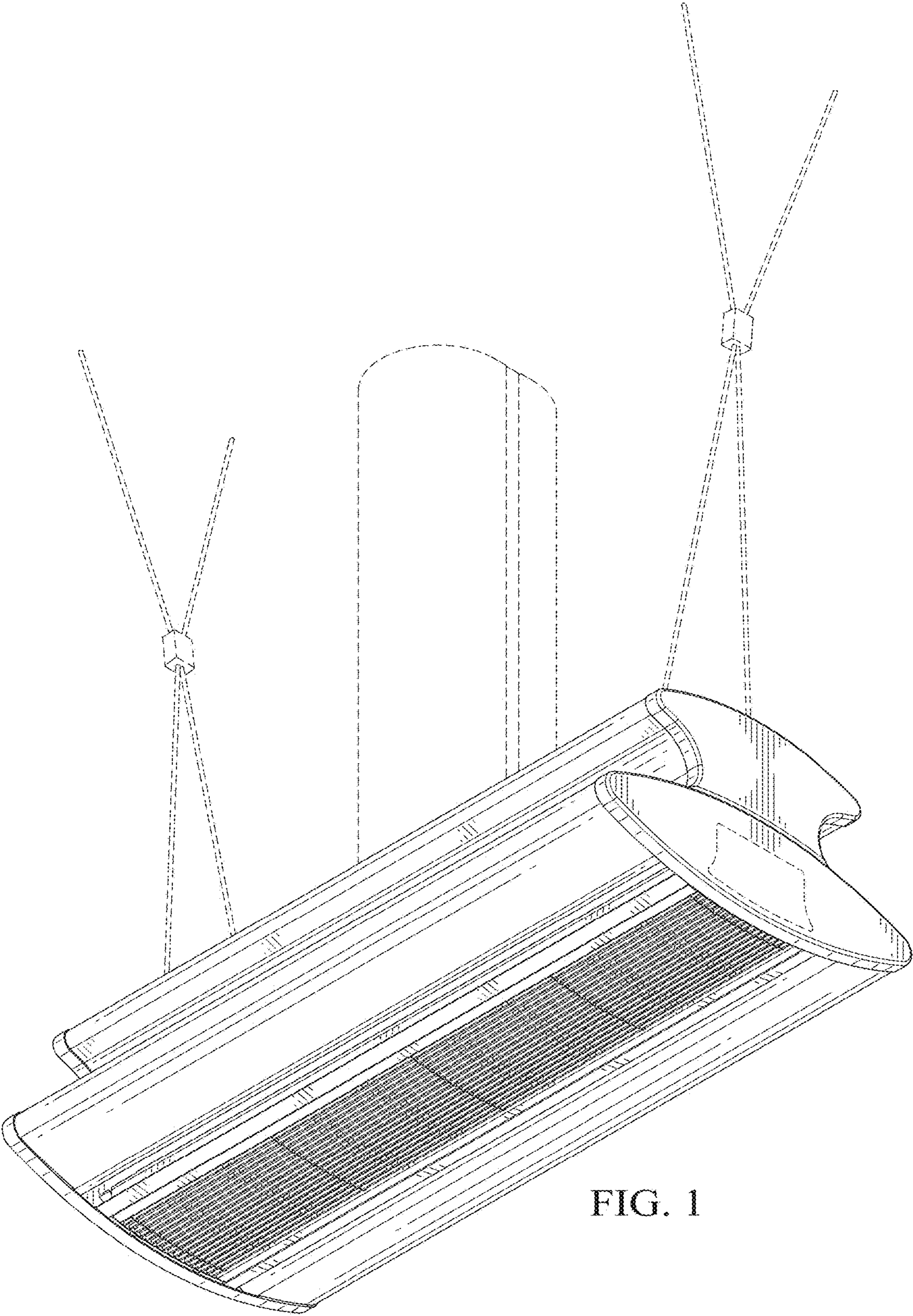


FIG. 1

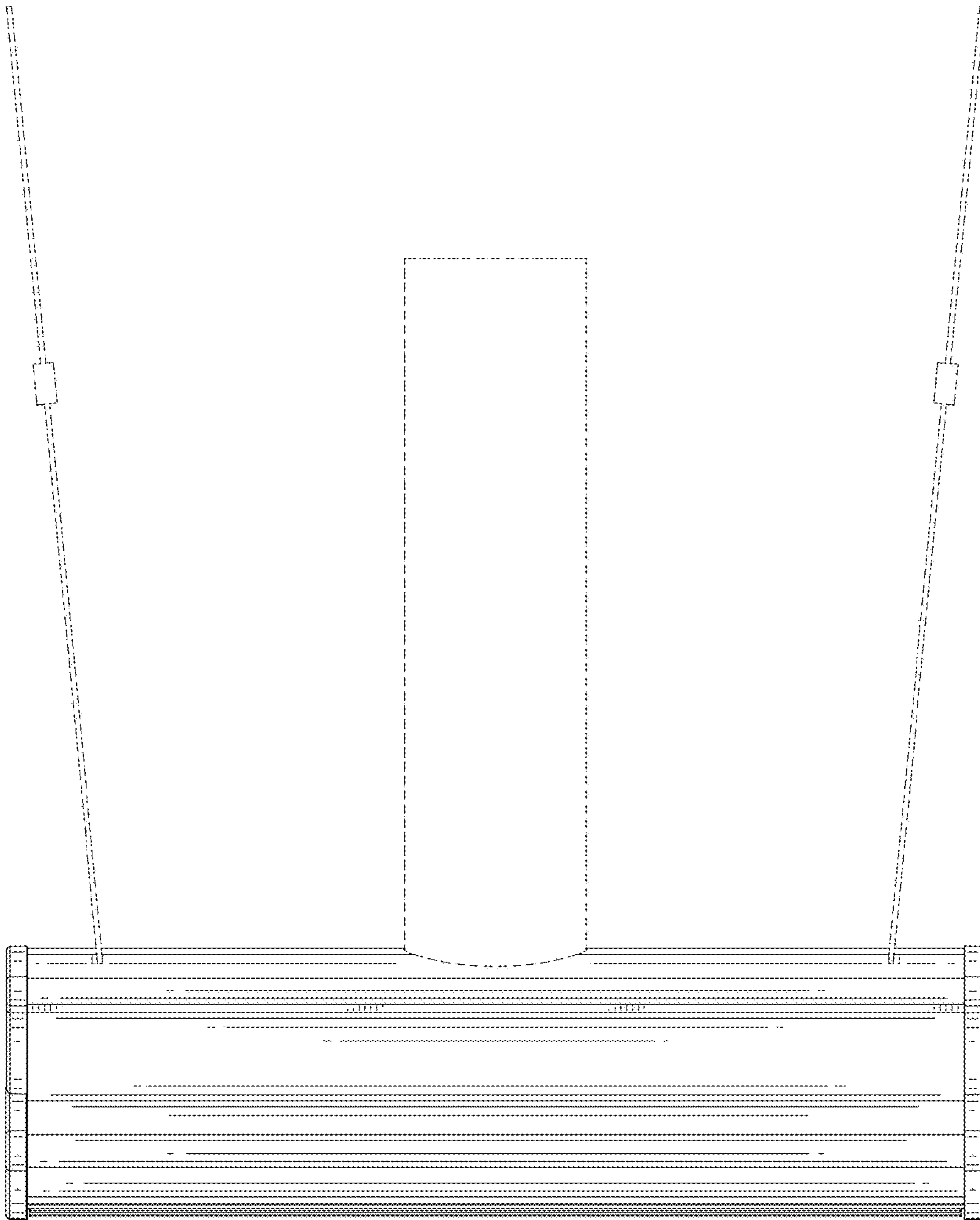


FIG. 2

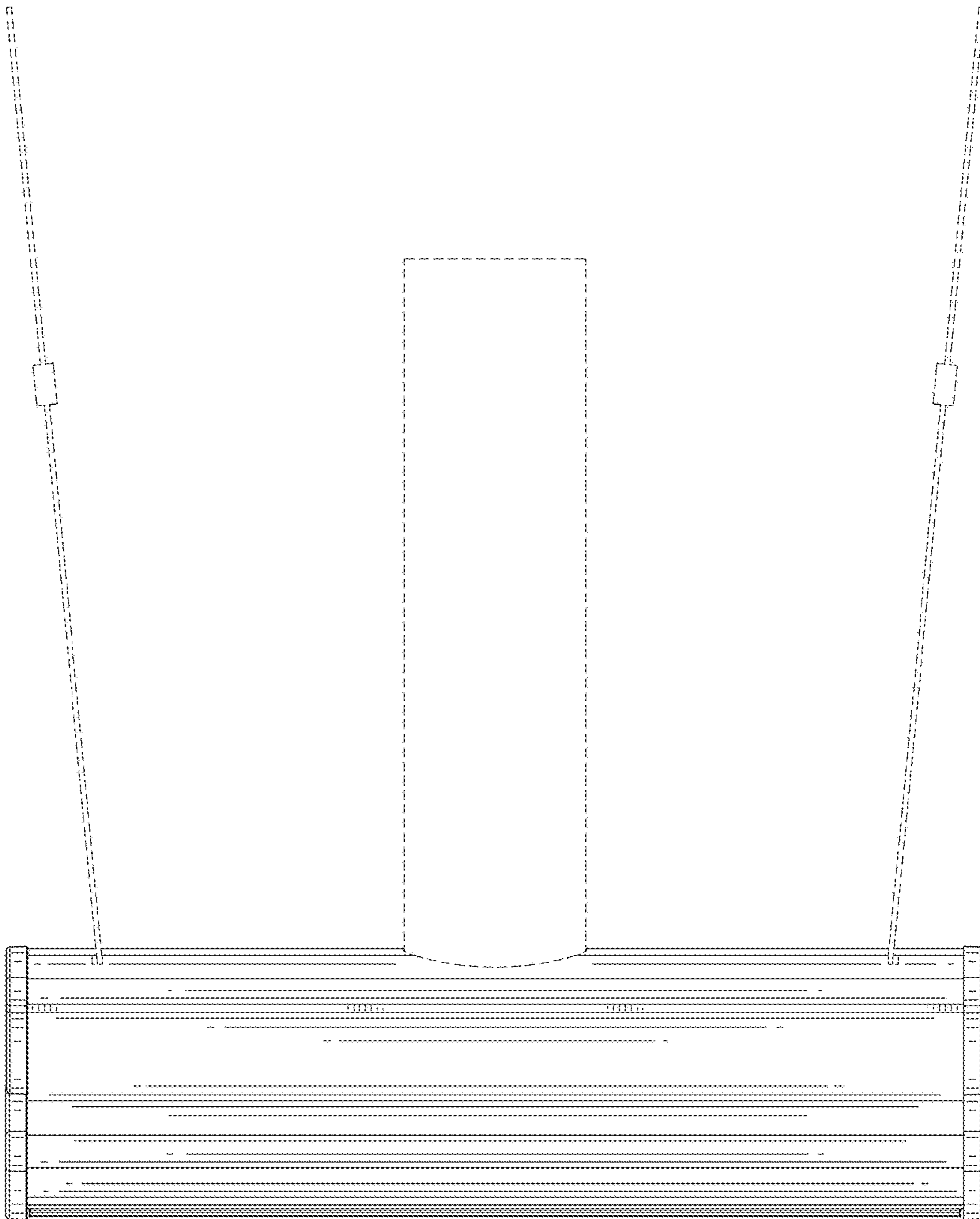


FIG. 3

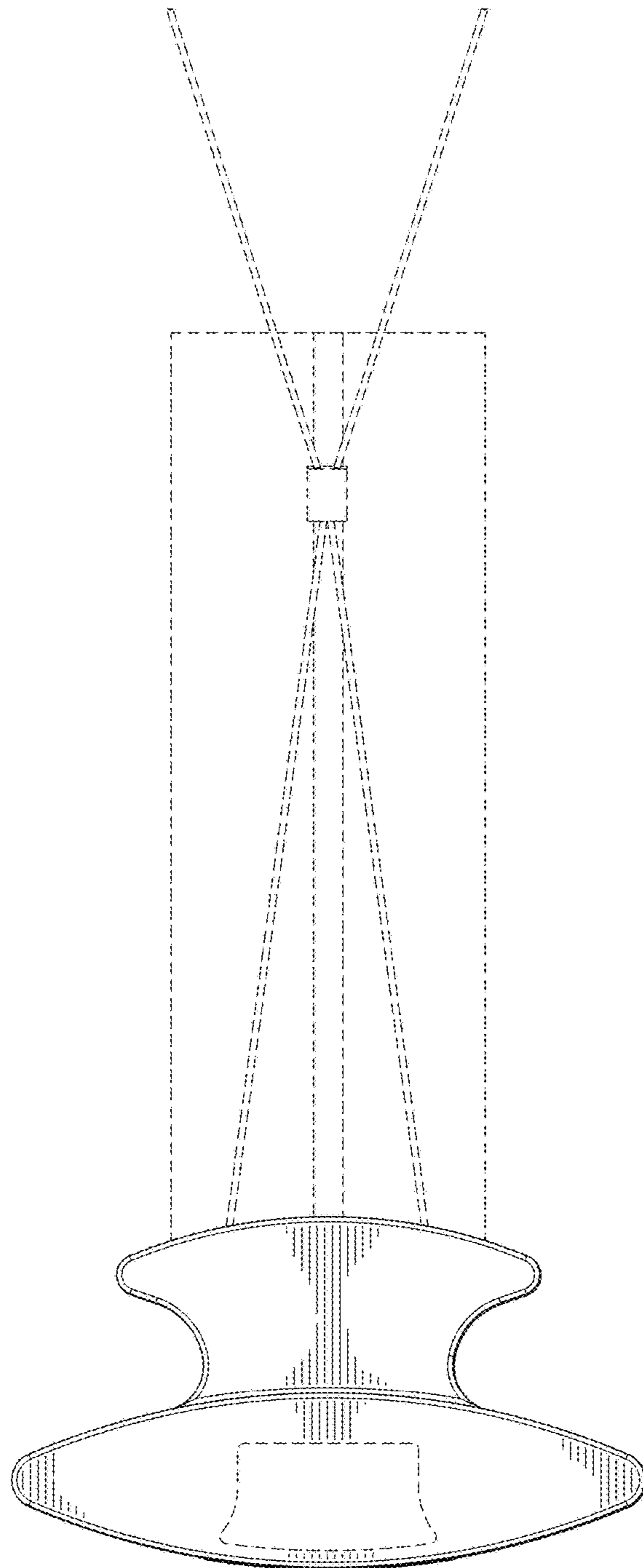


FIG. 4

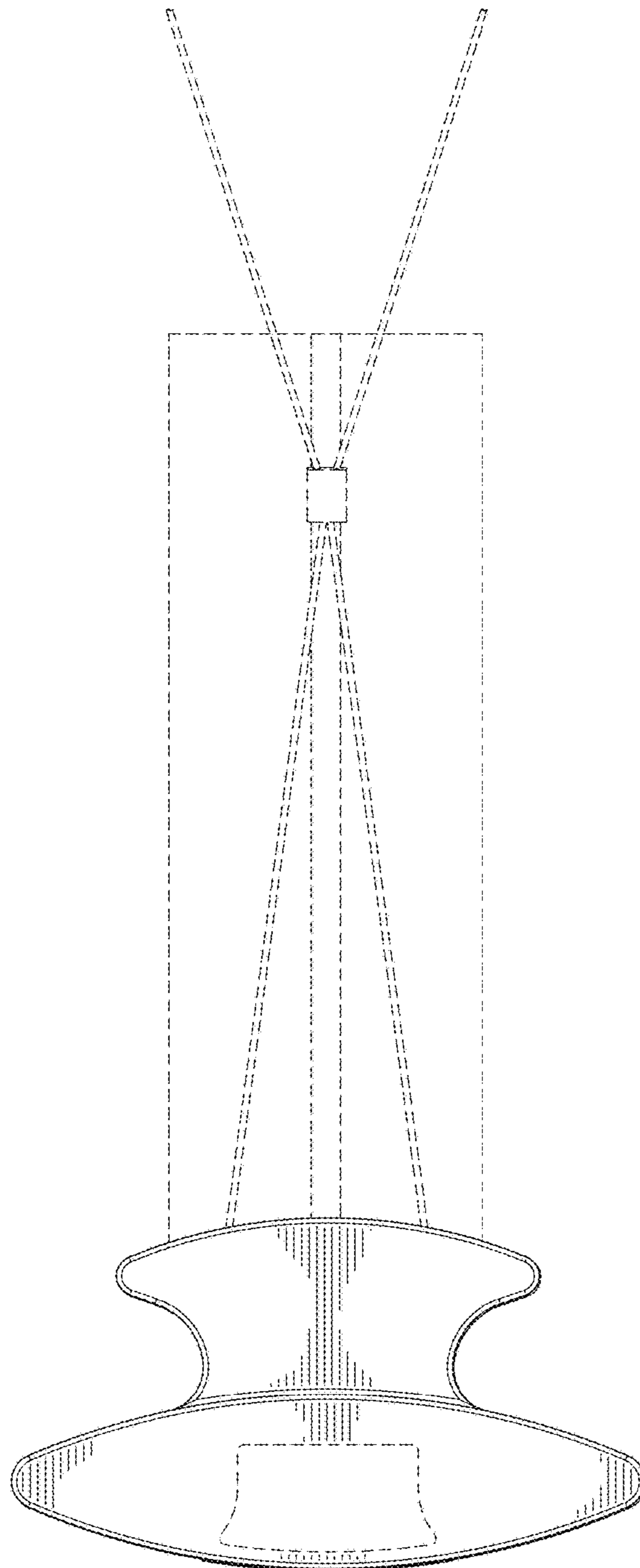


FIG. 5

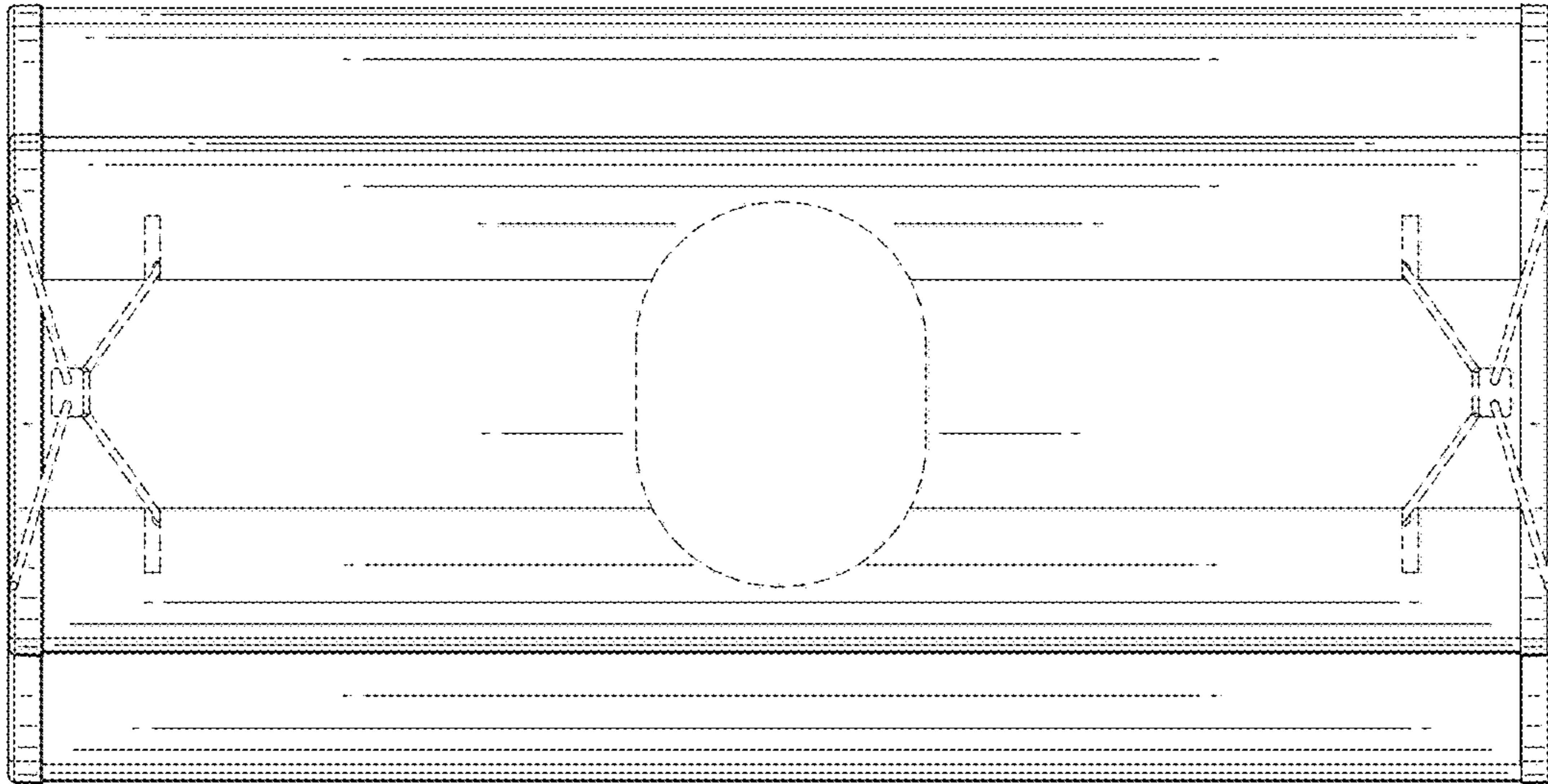


FIG. 6

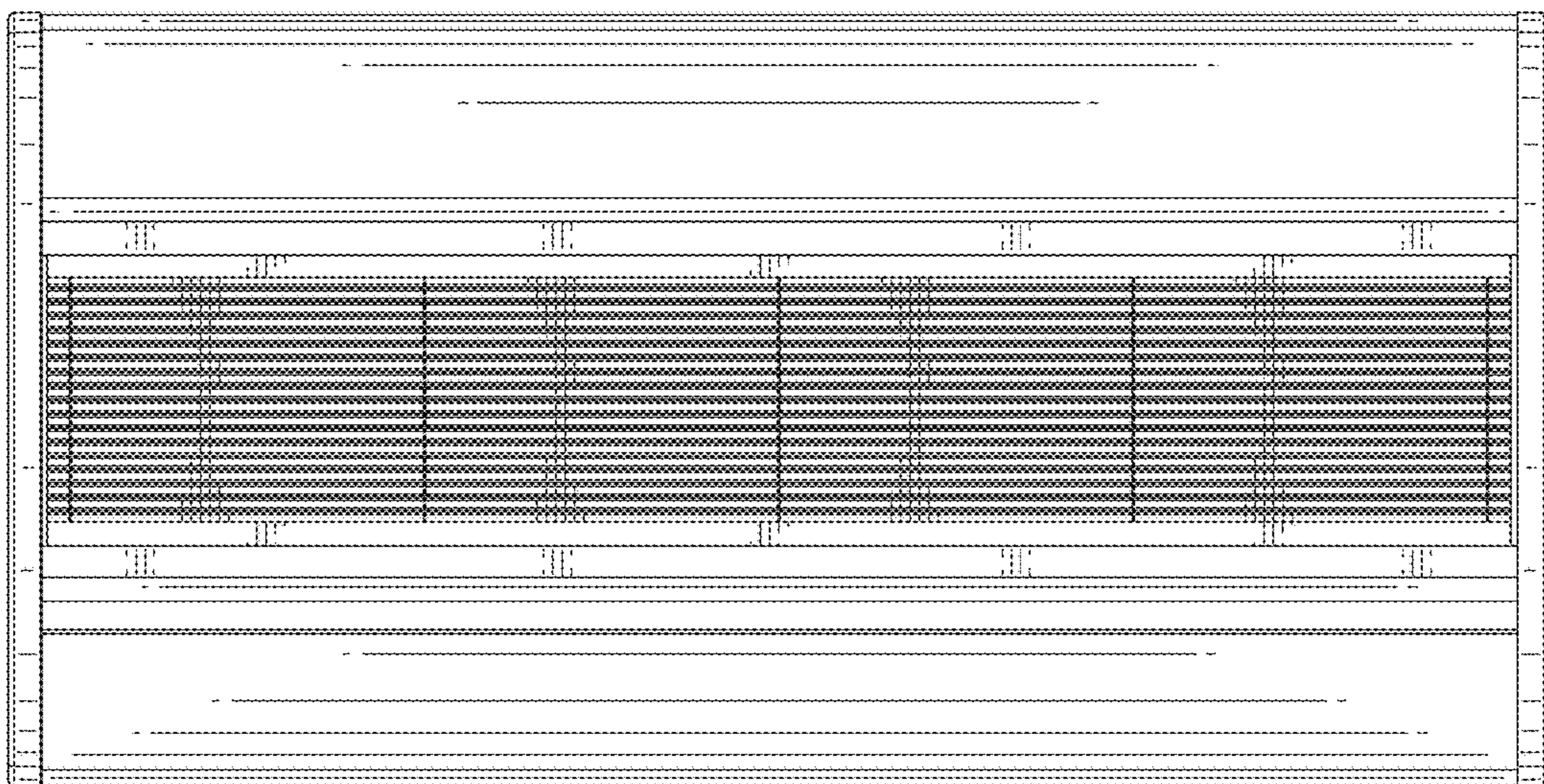


FIG. 7

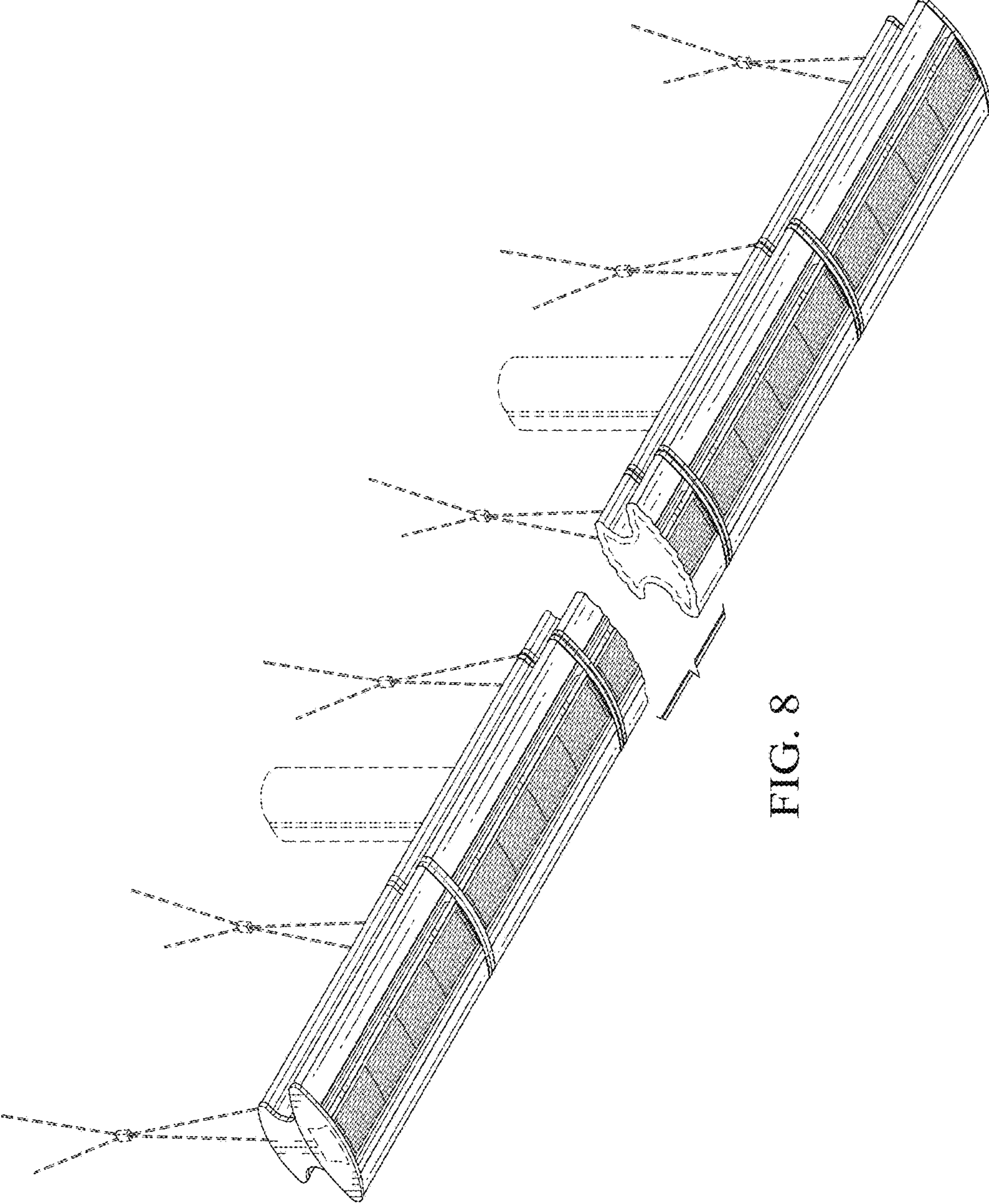


FIG. 8