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

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(54) **ELECTRIC HEATER**

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(72) Inventor: **Sun Jiawei**, Zhuhai (CN)

(*) Notice: This patent is subject to a terminal disclaimer.

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

(21) Appl. No.: **29/565,391**

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(51) **LOC (12) Cl.** **23-03**

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

USPC **D23/342**

(58) **Field of Classification Search**

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D23/354-356, 370, 376, 378, 381, 382,
D23/386, 411, 412

CPC ... F24H 3/00; F24H 3/02; F24H 3/002; F24H
3/0411; F24H 3/0417; F24H 3/08; F24H
3/081; F24H 3/10; F24H 3/102; F24H
7/00; F24H 7/002; F24H 7/0208; F24H
7/0216; F24H 9/02; F24D 13/00

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D51,043 S *	7/1917	Klein	.....	D23/336
D312,684 S *	12/1990	Geissler	.....	D23/336
D382,633 S *	8/1997	Clemmer	.....	D23/314
D413,660 S *	9/1999	Lee	.....	D23/332
D421,650 S *	3/2000	Liao	.....	D23/370
D454,945 S *	3/2002	Choi	.....	D23/336
D456,067 S *	4/2002	Kalina	.....	D23/336
D633,189 S *	2/2011	Berge	.....	D23/342

OTHER PUBLICATIONS

Dunnet, N., 5 Halogen patio heaters to keep you warm this winter, Dec. 2013, [online], noted for La Hacienda Hanging Halogen Patio

Heater, Retrieved from <URL:http://www.nigeldunnett.co.uk/5-halogen-patio-heaters-to-keep-you-warm-this-winter/>.*

BackyardCity.com, Hanging Stainless Steel Halogen Patio Heater, undated, [online], Retrieved from <URL:http://www.backyardcity.com/Heaters/WTL-60405.htm>.*

Nocutts.co.uk, Hanging Halogen Patio Heater, product page, undated, [online], Retrieved from <URL:http://www.nocutts.co.uk/hanging-halogen-patio-heater/outdoor-living/nocutts/fcp-product/13286>.*

RattanFurniture.com, Futura Ceiling Mounted Electric Halogen Outdoor Garden Patio Heater, Product Page, undated, [online], Retrieved from <URL:http://www.uk-rattanfurniture.com/product/futura-ceiling-mounted-electric-halogen-outdoor-garden-patio-heater-1500w-3-heat-settings-with-remote-control/>.*

* cited by examiner

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(57) **CLAIM**

The ornamental design for an electric heater, as shown and described.

DESCRIPTION

FIG. 1 is a bottom perspective view of an electric heater in accordance with an embodiment;

FIG. 2 is a bottom view thereof;

FIG. 3 is a first side view thereof;

FIG. 4 is a second side view thereof;

FIG. 5 is a third side view thereof;

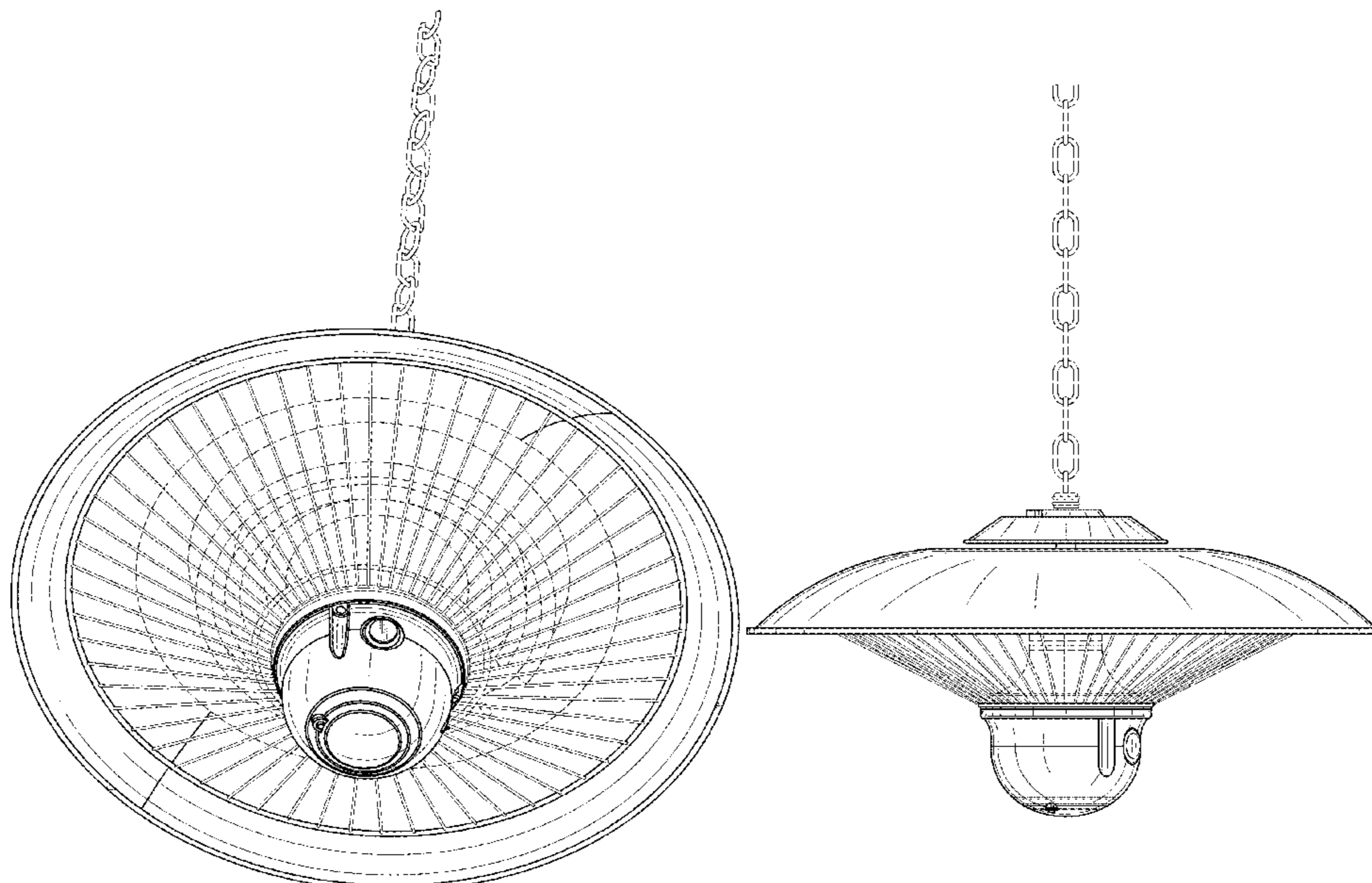
FIG. 6 is a fourth side view thereof;

FIG. 7 is a top plan view thereof; and,

FIG. 8 is a top perspective view thereof.

Broken lines represent unclaimed portions of the electric heater and form no part of the claimed design.

1 Claim, 8 Drawing Sheets



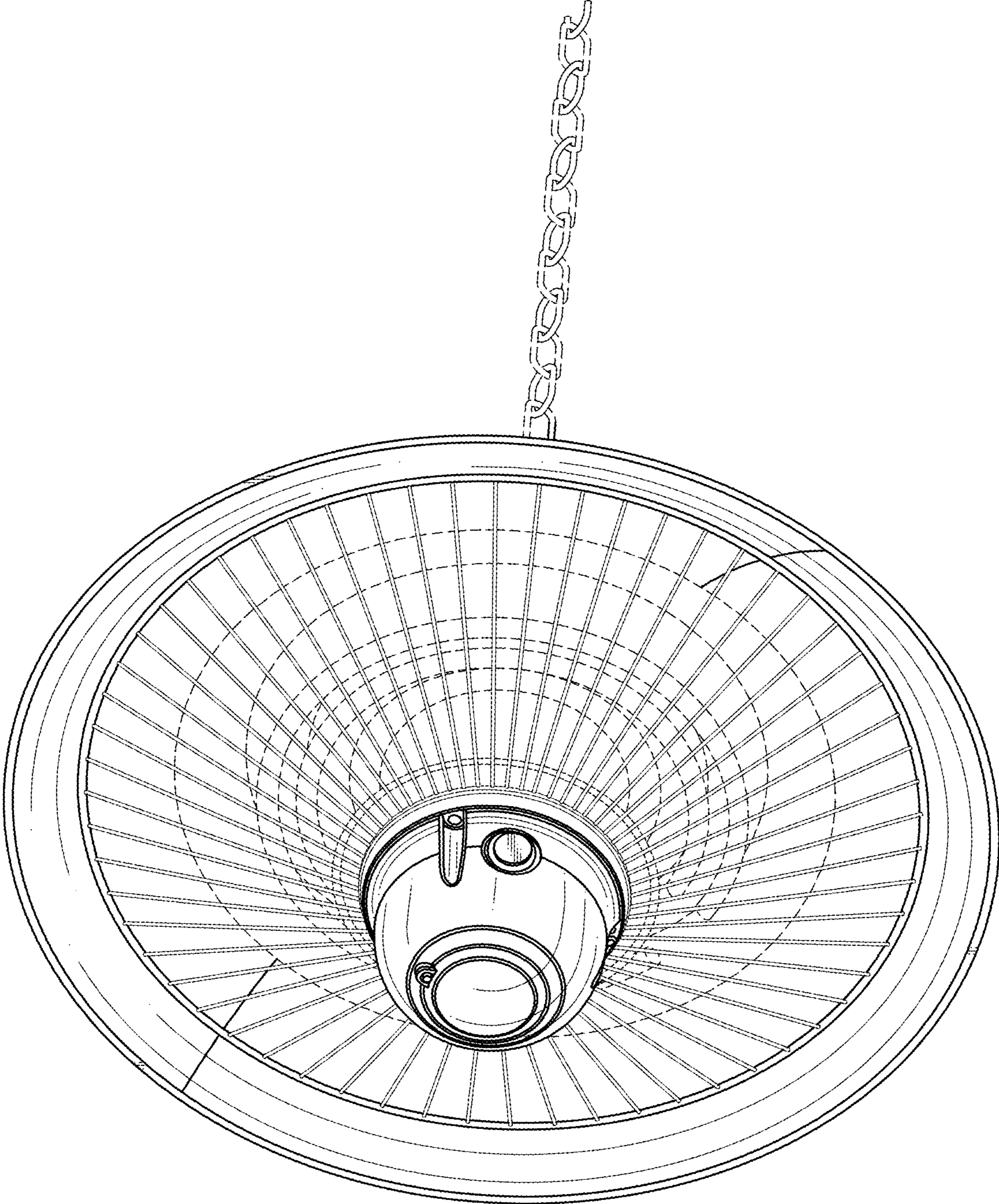


FIG. 1

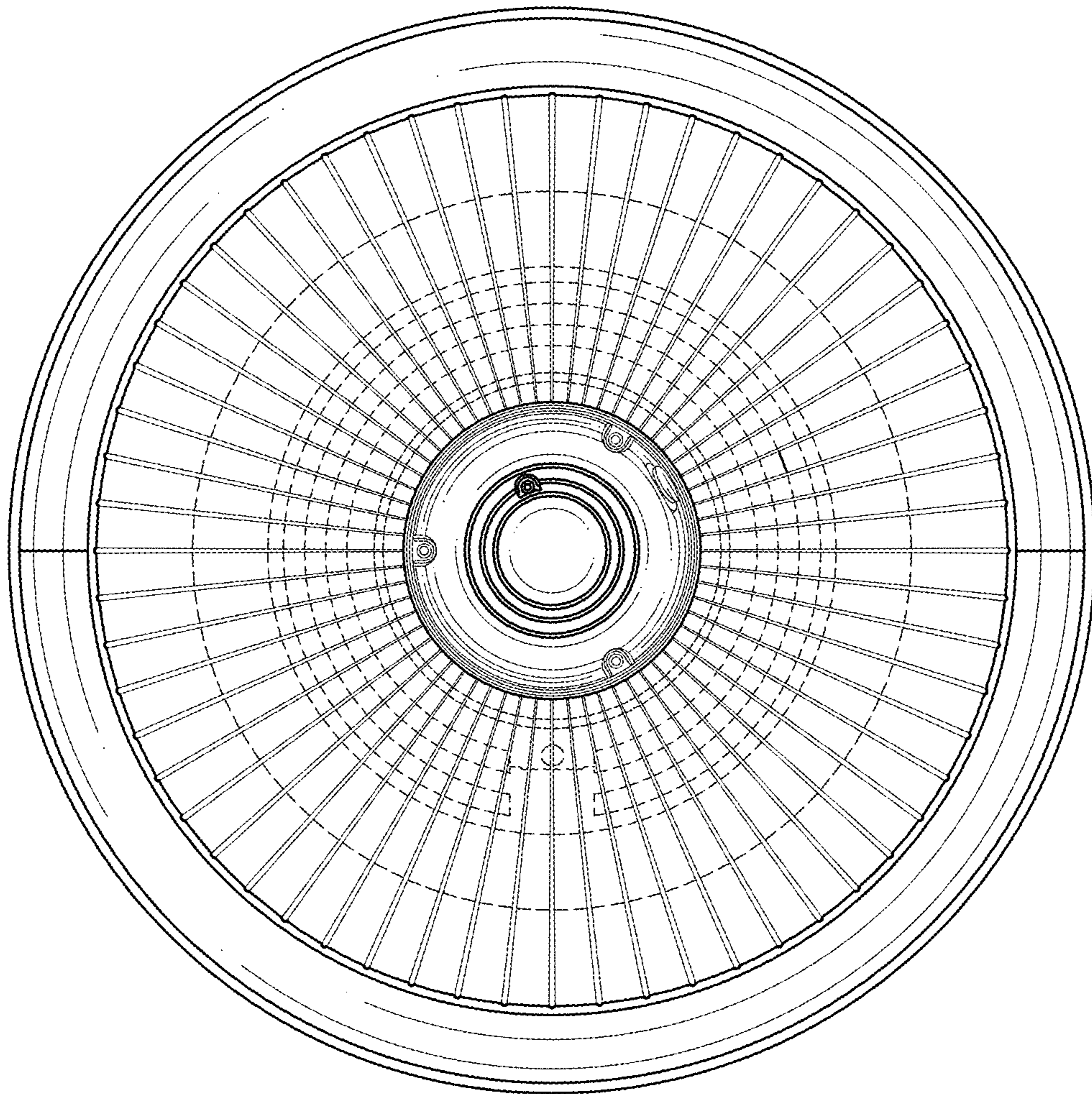


FIG.2

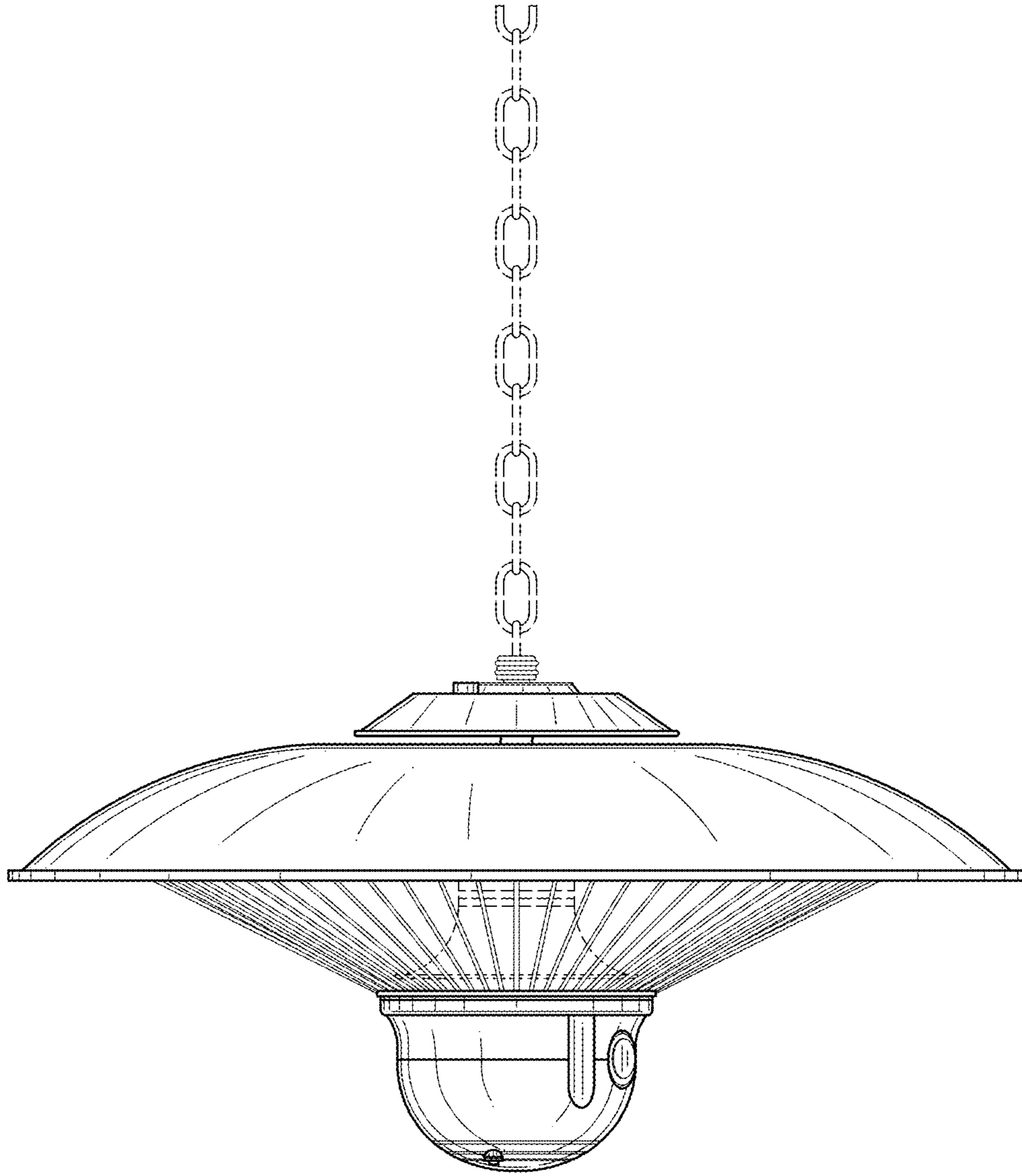


FIG.3

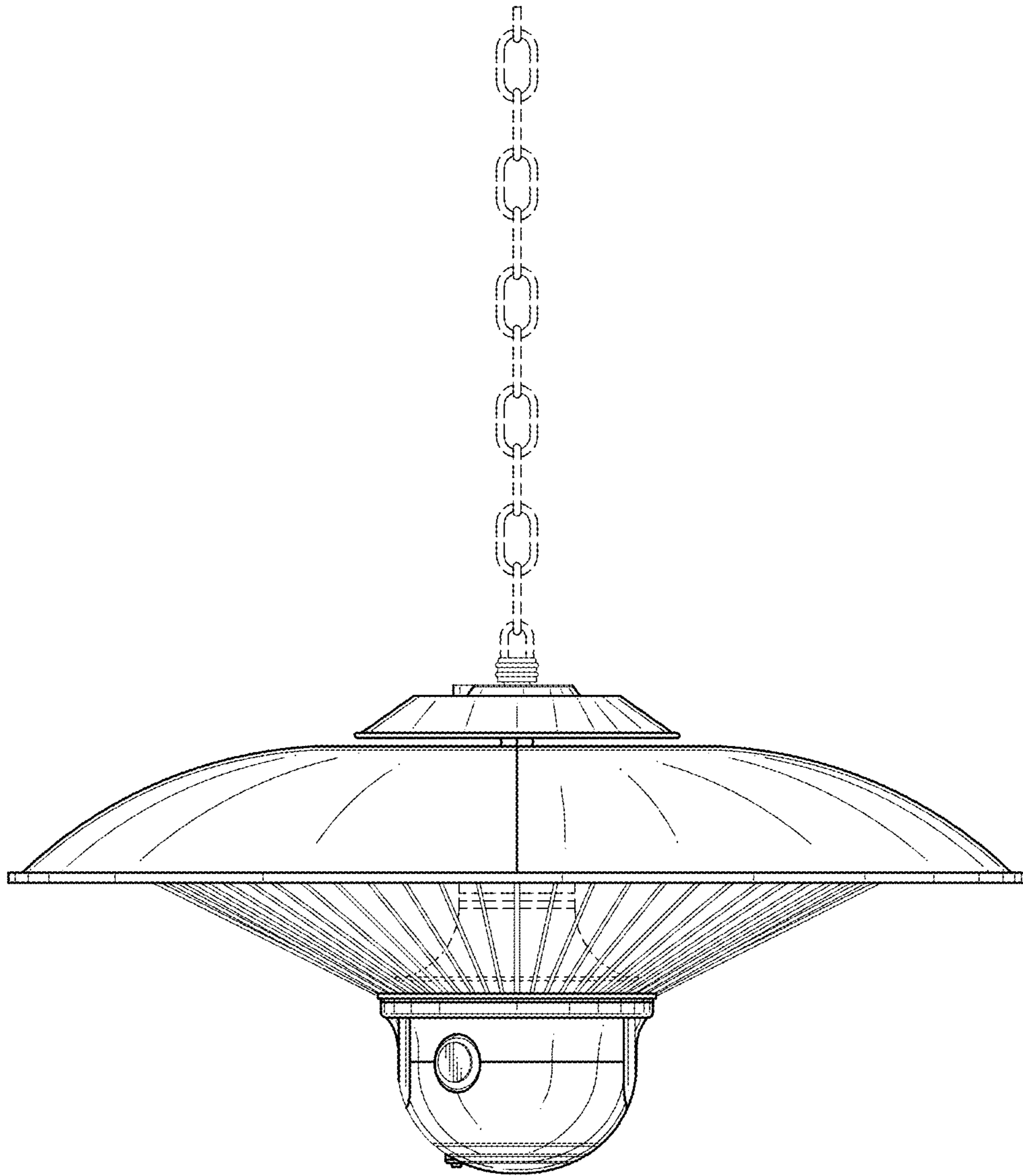


FIG. 4

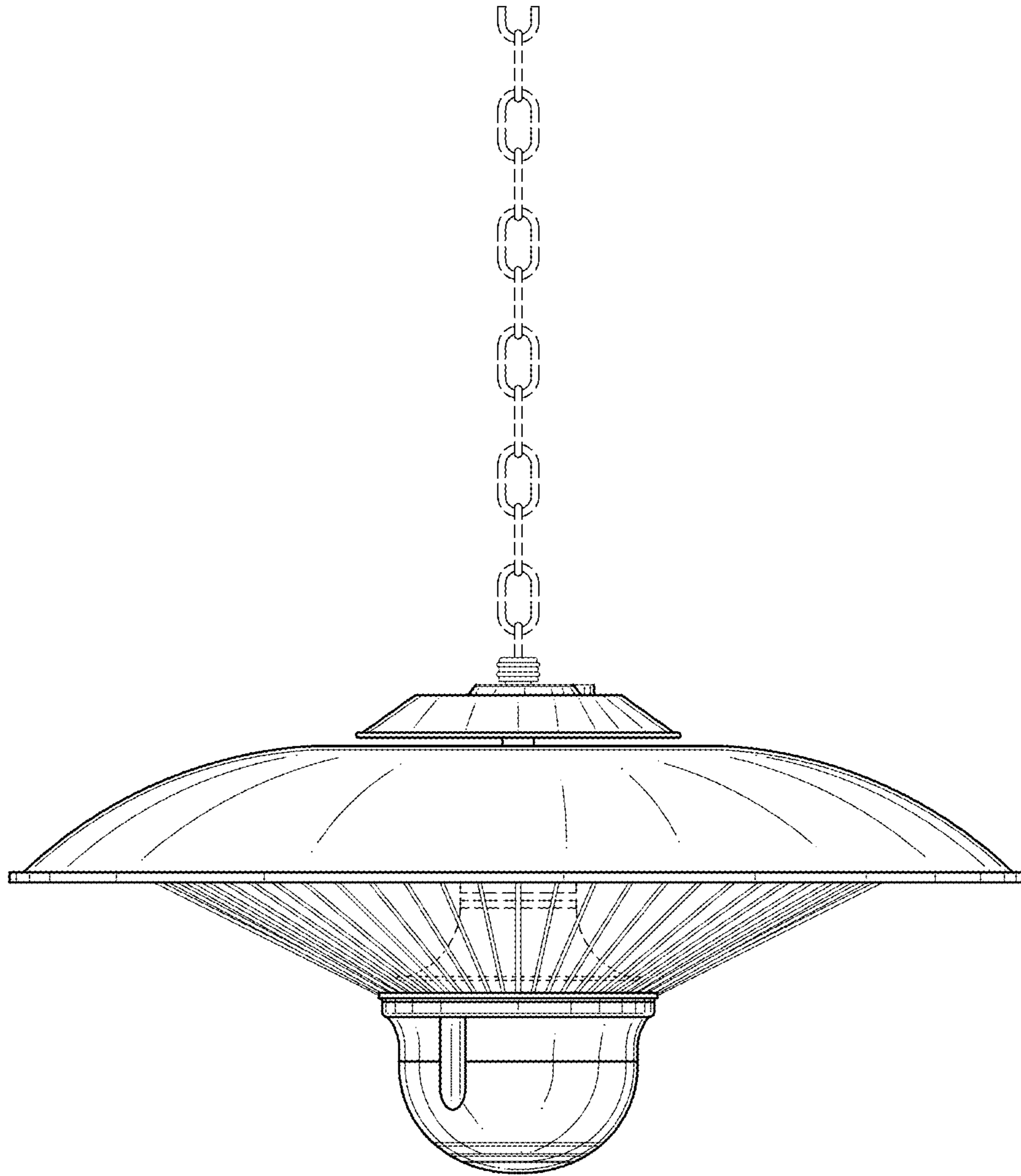


FIG. 5

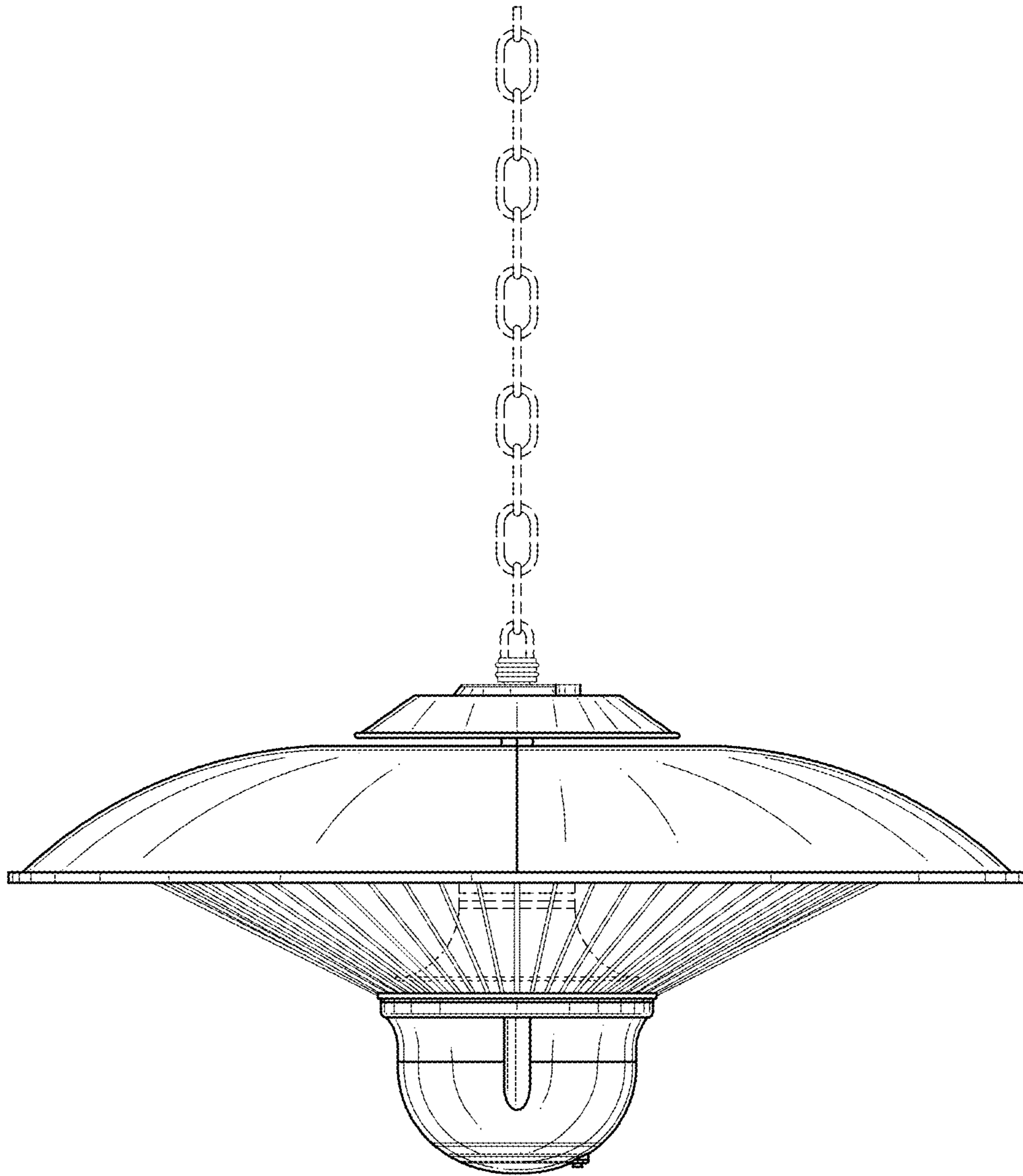


FIG. 6

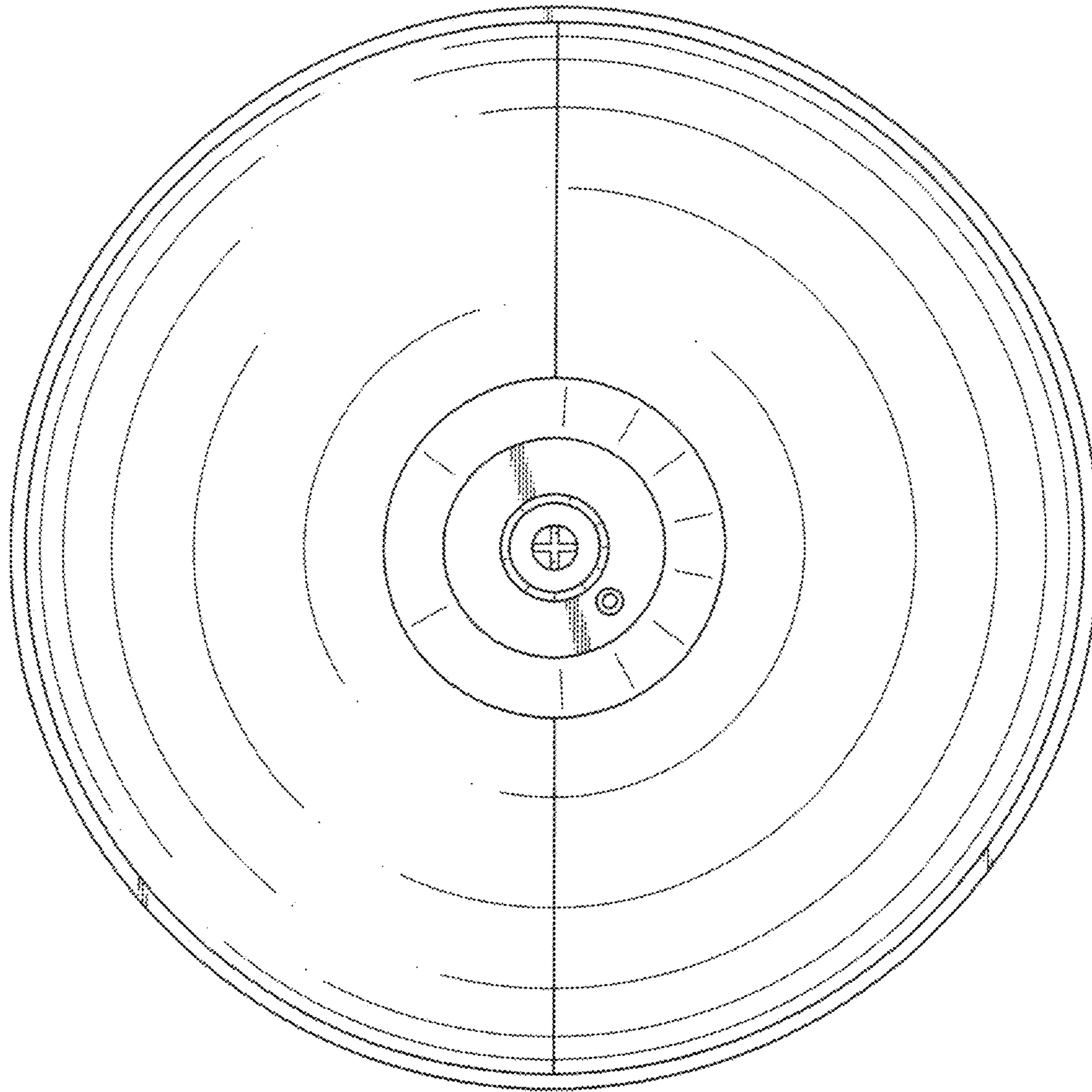


FIG. 7

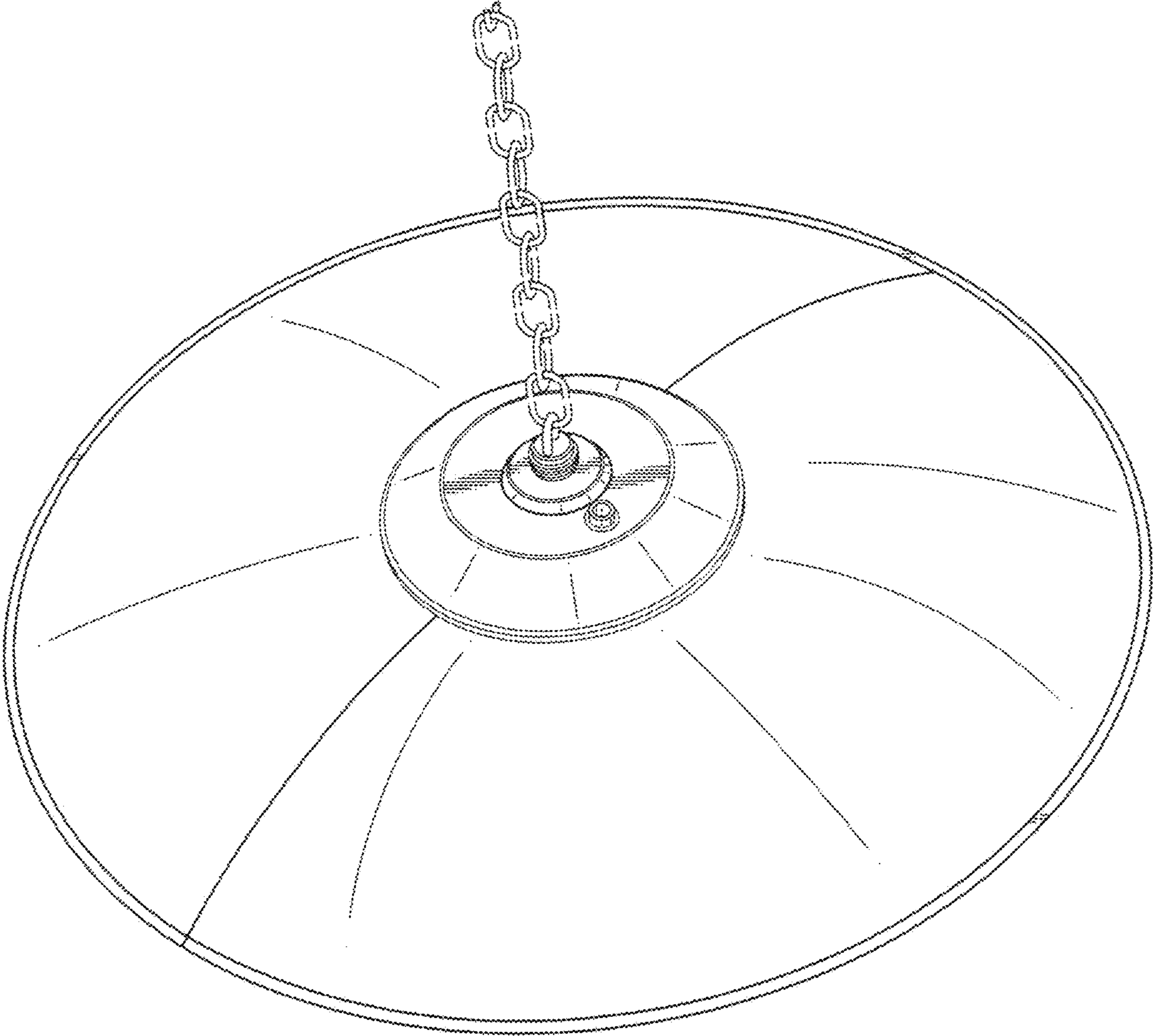


FIG. 8