United States Patent [19]

Charles

[11] **Patent Number: Des. 312,263**

[45] **Date of Patent: ** Nov. 20, 1990**

[54] **WIDE ANGLE REFLECTOR ATTACHMENT FOR A CAMERA OR SIMILAR ARTICLE**

[76] Inventor: **Jeffrey R. Charles,** P.O. Box 1892, Camp Verde, Ariz. 86322

[**] Term: **14 Years**

[21] Appl. No.: **81,107**

[22] Filed: **Aug. 3, 1987**

[52] **U.S. Cl.** **D16/237**

[58] **Field of Search** D16/203, 237, 250; D26/118; 343/916; 350/441, 505, 618, 629, 631, 639; 352/69, 93; 354/94, 95, 354

[56] **References Cited**

U.S. PATENT DOCUMENTS

2,146,662	2/1939	Van Albada	350/441
2,244,235	6/1941	Ayres	350/441
2,628,529	2/1953	Braymer	350/505
2,654,286	10/1953	Cesar	350/618
3,205,777	9/1965	Brenner	350/639
3,846,809	11/1974	Pinzone et al.	350/441
3,934,259	1/1976	Krider	354/94
4,078,860	3/1978	Globus et al.	354/94
4,326,775	4/1982	King	350/441
4,429,957	2/1984	King	350/441
4,561,733	12/1985	Kreischer	350/618
4,568,945	2/1986	Winegard et al.	343/916
4,578,682	3/1986	Hooper et al.	343/916

FOREIGN PATENT DOCUMENTS

1234341	10/1960	France	354/94

OTHER PUBLICATIONS

Astronomy; Apr. 1987; pp. 64–70; How to Build and Use an All-Sky Camera; by Jeffrey Charles, Robert Reeves and Chris Schur.

Sky & Telescope; Aug. 1986; pp. 184 & 186; Scientific Library Gleanings for ATM's by Roger W. Sinnott.

Peri-Apollar 360° brochure.

Spiratone Birds Eye attachment.

Primary Examiner—Nelson C. Holtje

Assistant Examiner—Caron D. Veynar

[57] **CLAIM**

The ornamental design for a wide angle reflector attachment for a camera or similar article, as shown and described.

DESCRIPTION

FIG. **1** is a top plan view of a wide angle reflector attachment for a camera or similar article, showing my new design;

FIG. **2** is a bottom plan view thereof;

FIG. **3** is a front elevational view thereof;

FIG. **4** is a left side elevational view thereof, the right side elevational view being substantially similar thereof;

FIG. **5** is a cross-sectional view thereof, taken along line **5—5** of FIG. **1,** the broken line showing of a camera is environmental only and forms no part of the claimed design;

FIG. **6** is a perspective view showing another embodiment of my new design of FIGS. **1–5;**

FIG. **7** is a top plan view thereof;

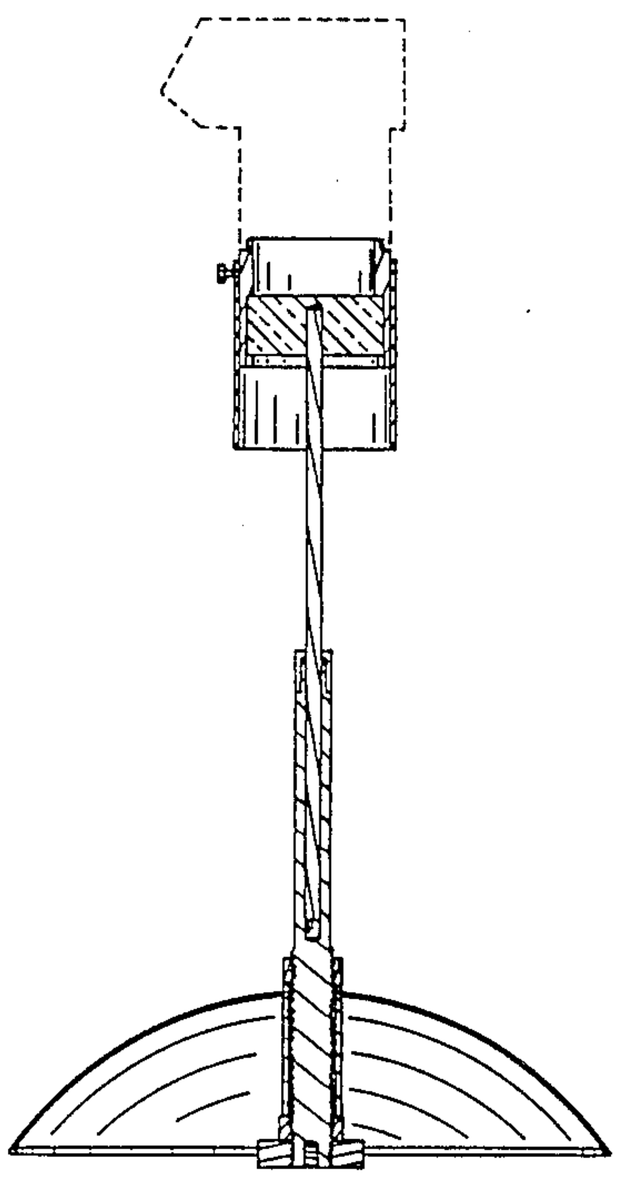
FIG. **8** is a left side elevational view thereof, the right side elevational view being a mirror image thereof;

FIG. **9** is a front elevational view thereof;

FIG. **10** is a rear elevational view thereof;

FIG. **11** is a cross-sectional view thereof, taken along line **11—11** in FIG. **10,** the broken line showing of a camera is environmental only and forms no part of the claimed design;

FIG. **12** is a bottom plan view thereof.



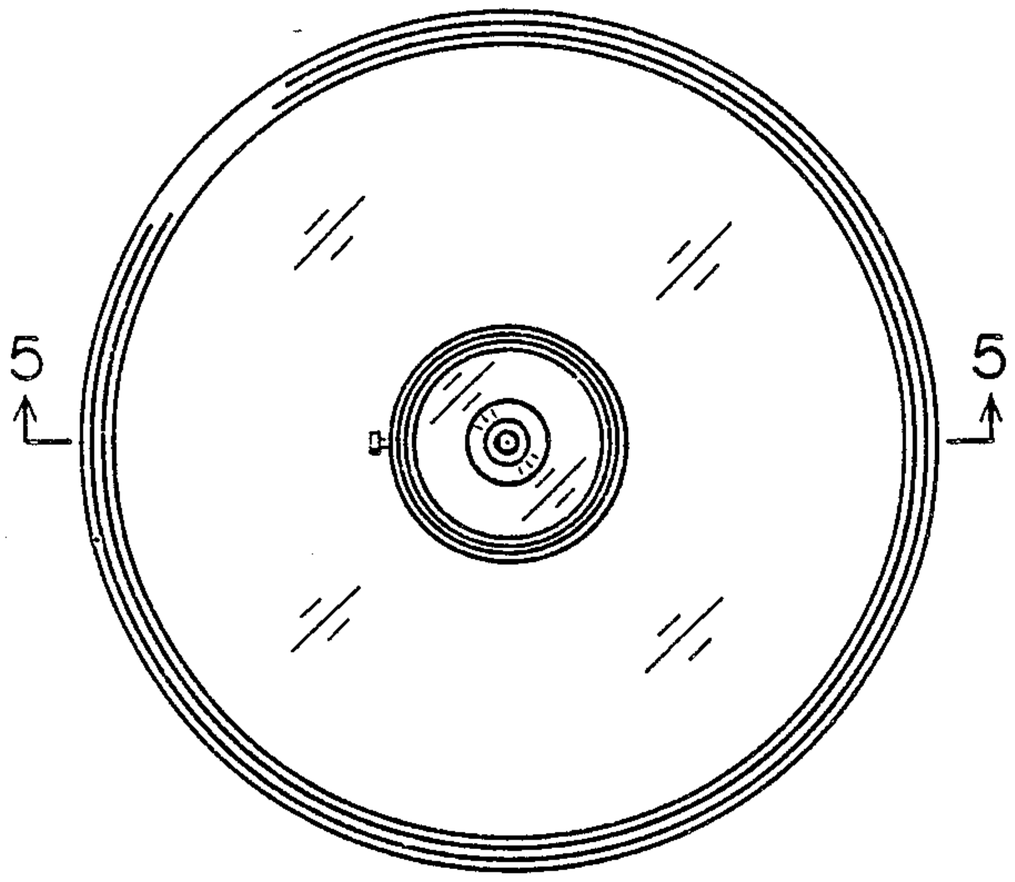


FIG. 1

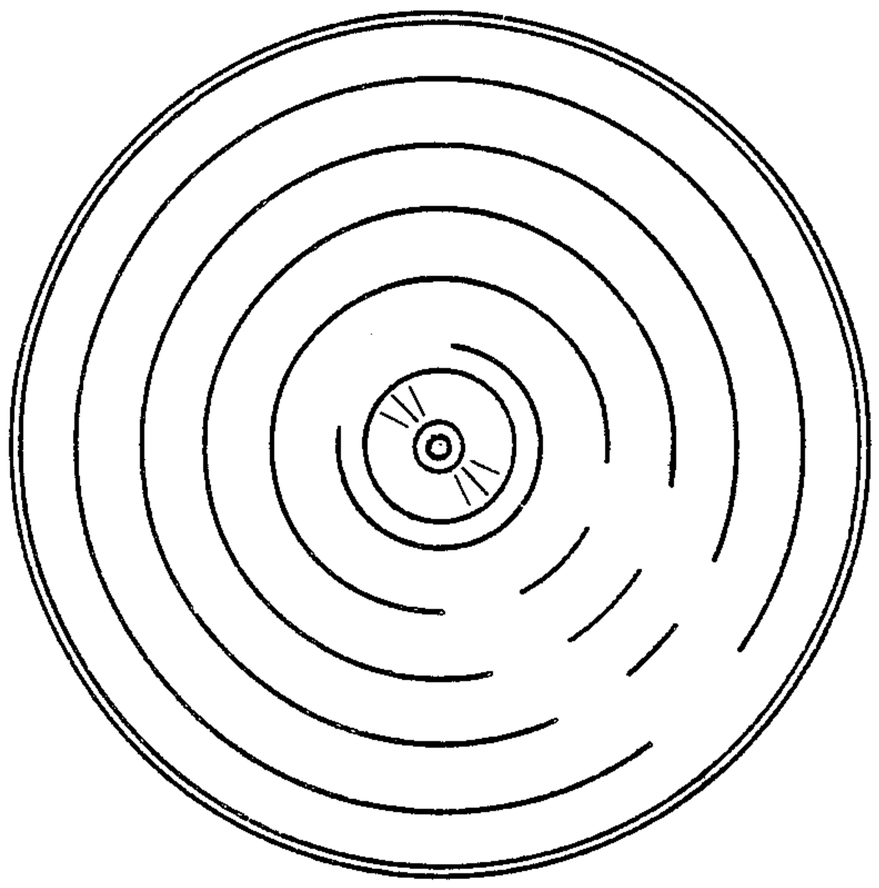


FIG. 2

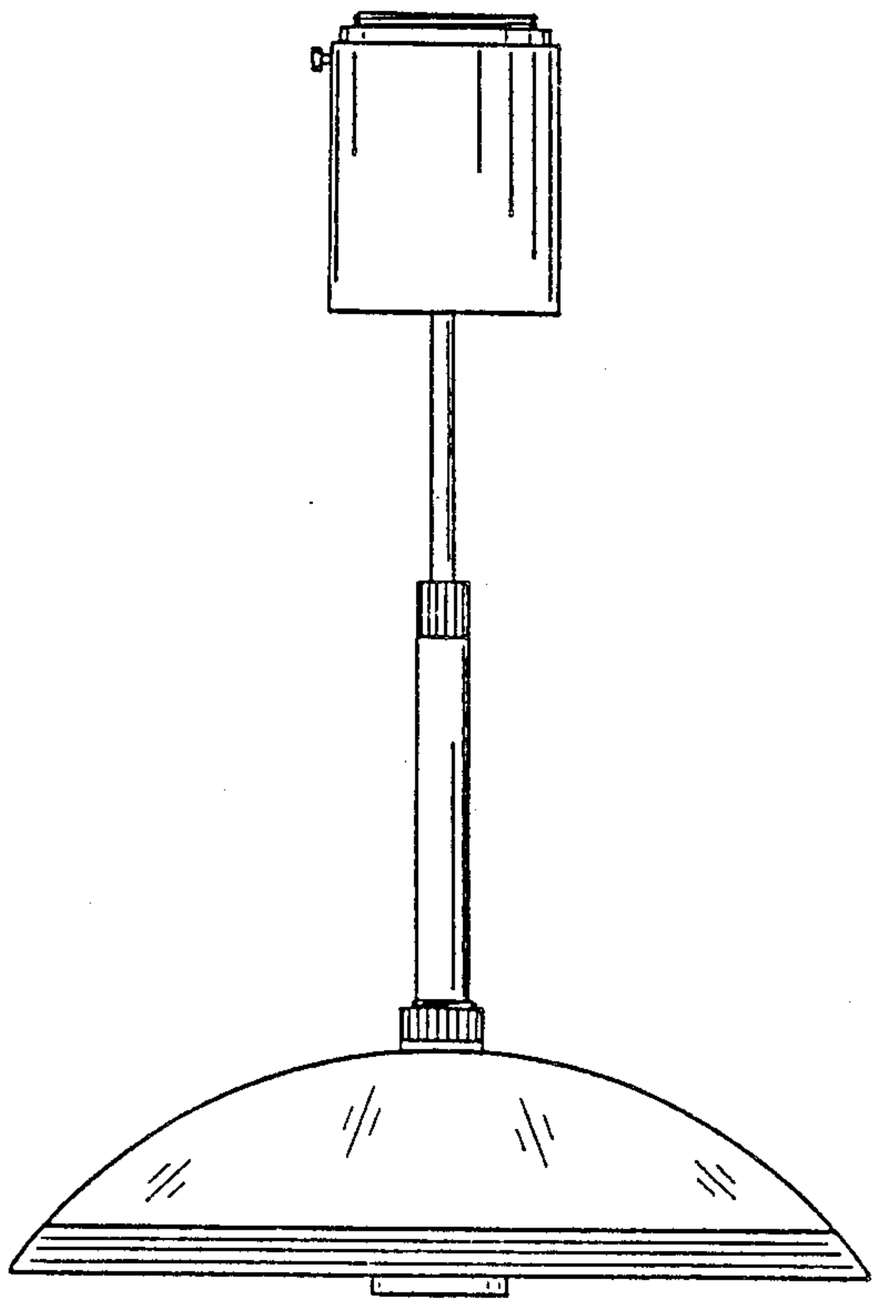


FIG. 3

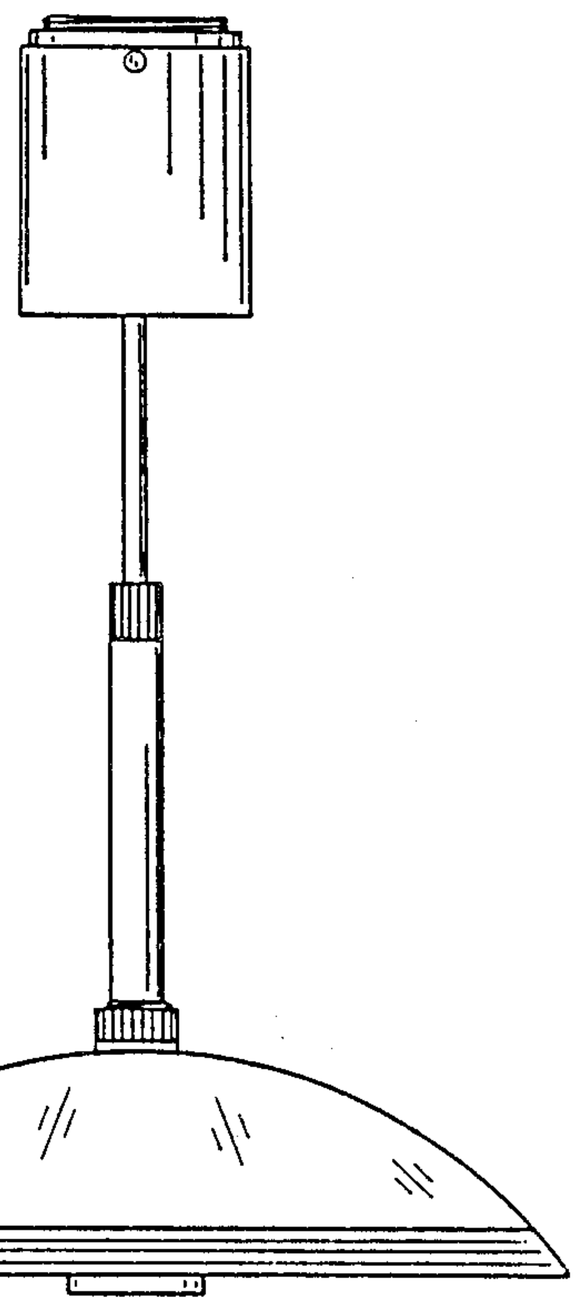


FIG. 4

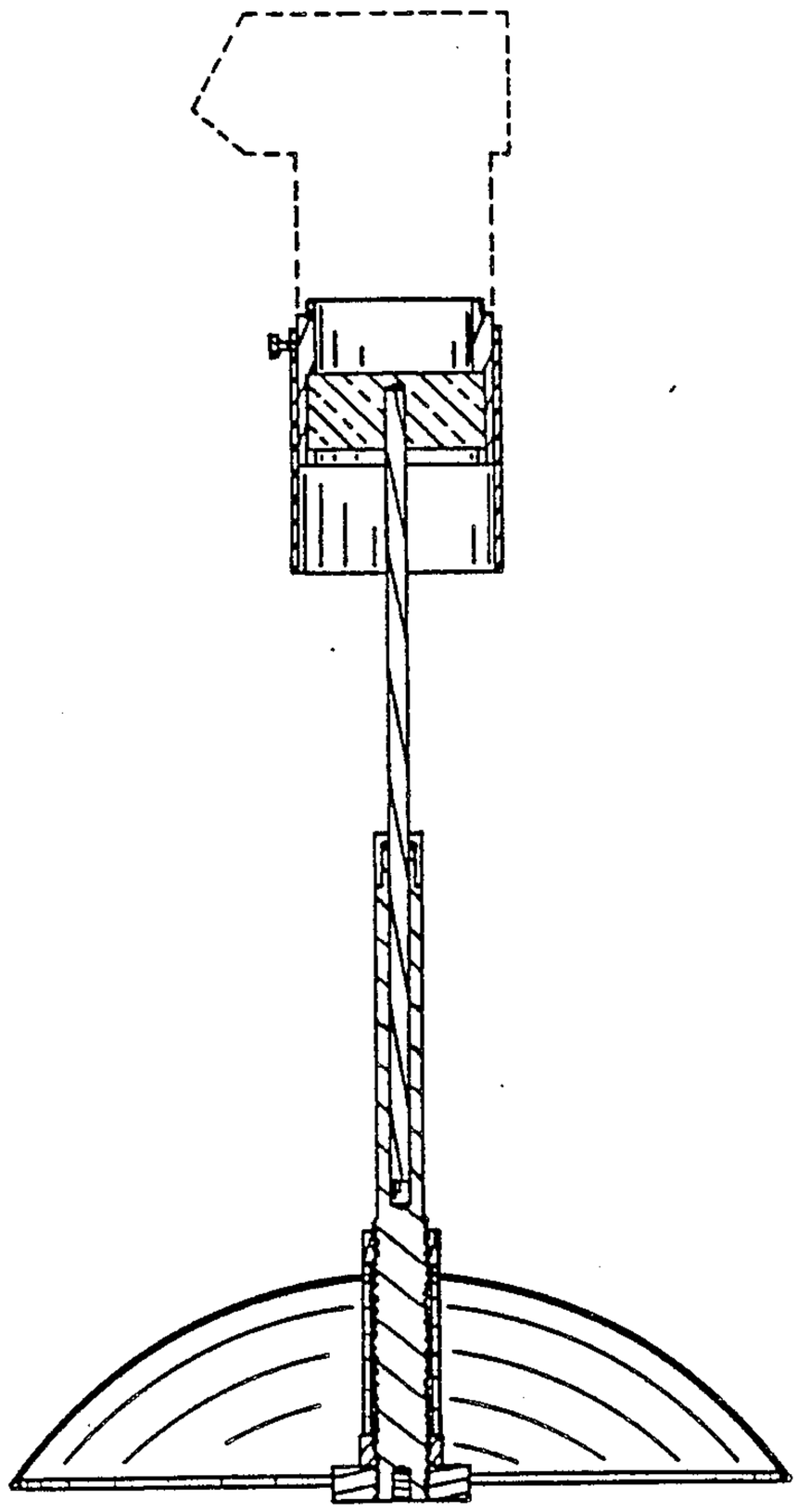


FIG. 5

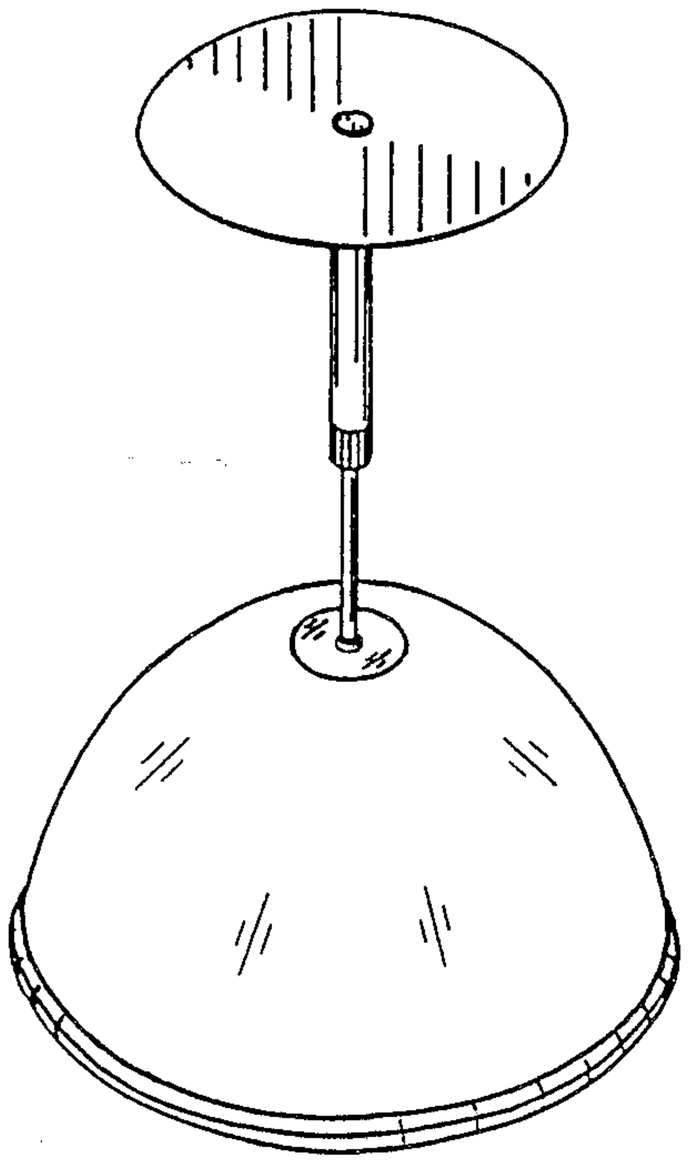


FIG. 6

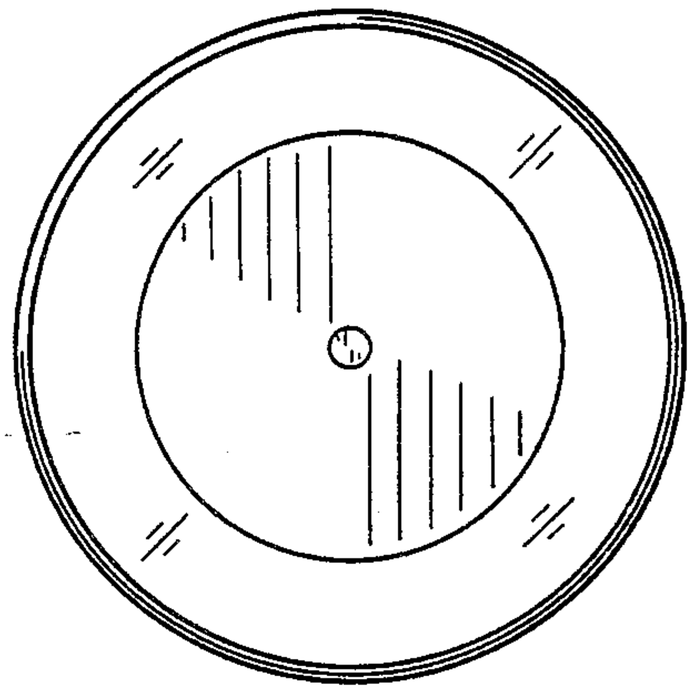


FIG. 7

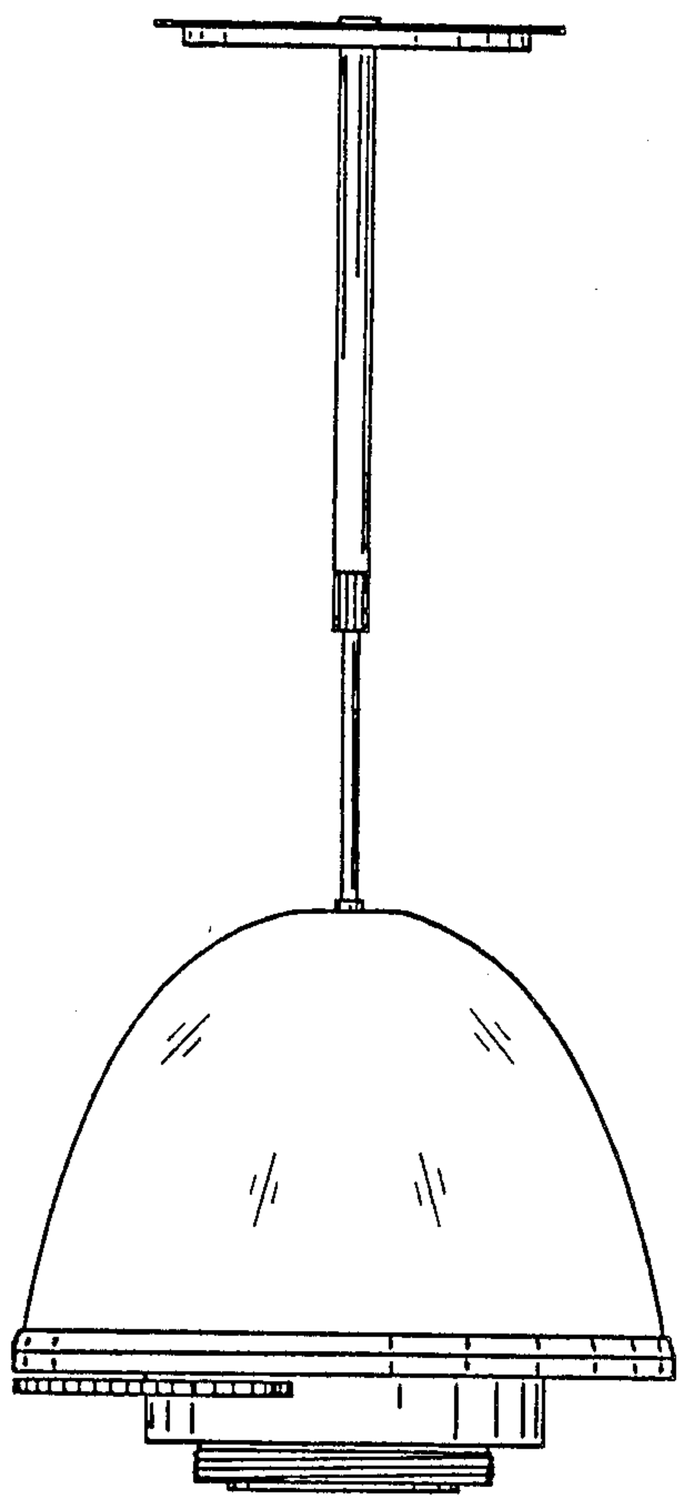


FIG. 8

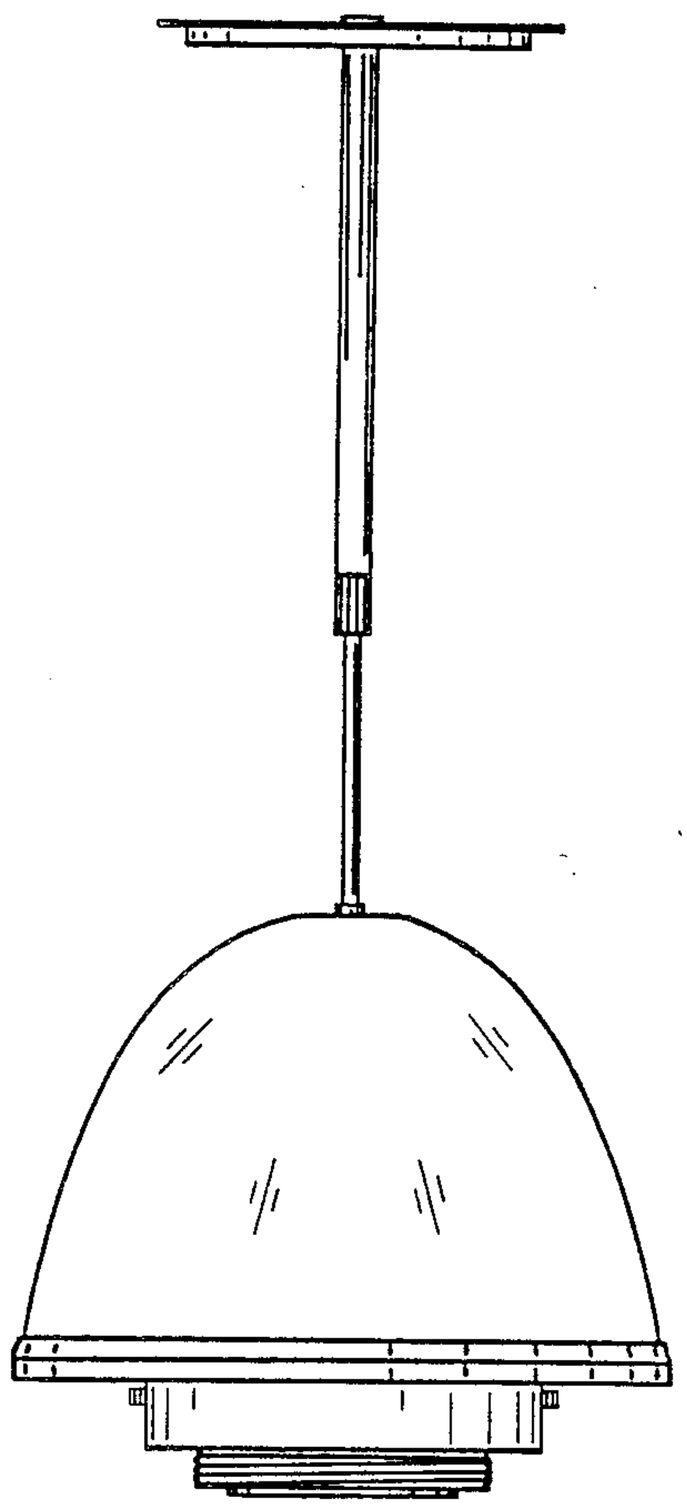


FIG. 9

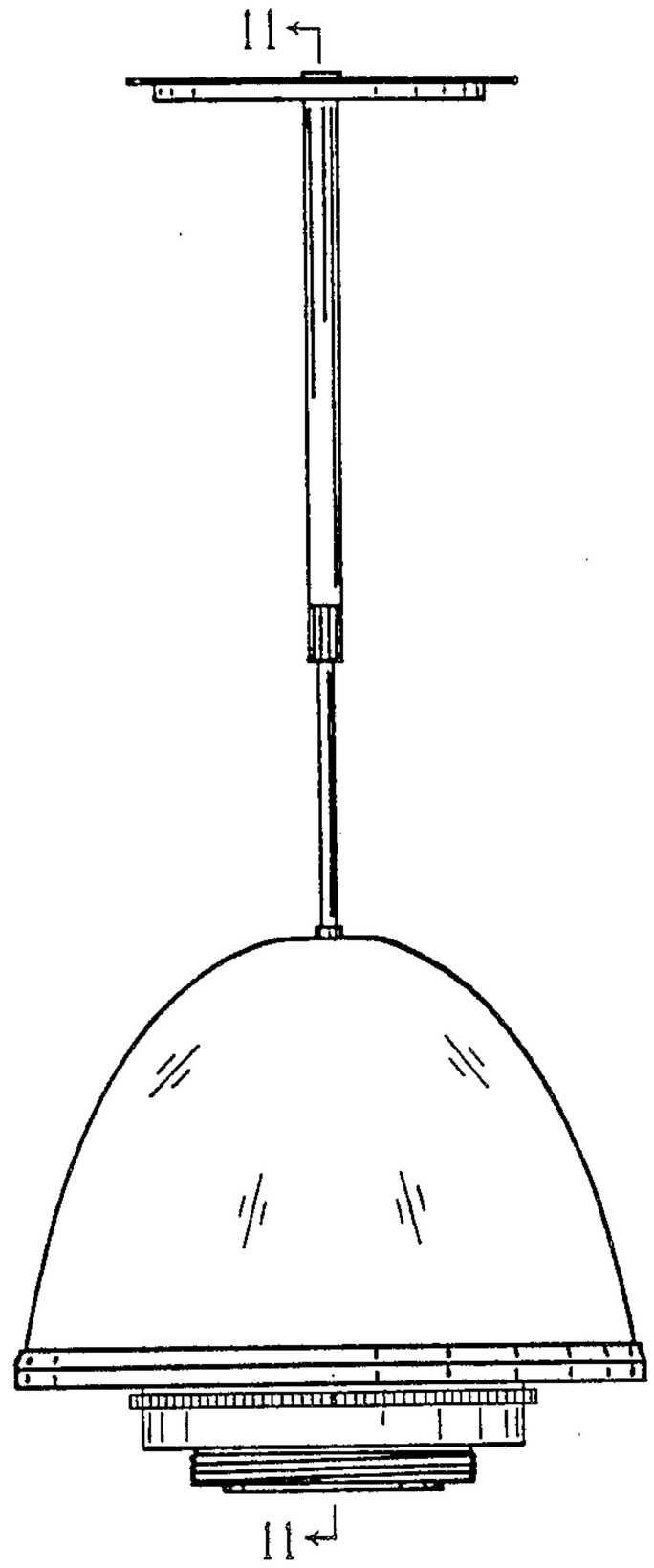


FIG. 10

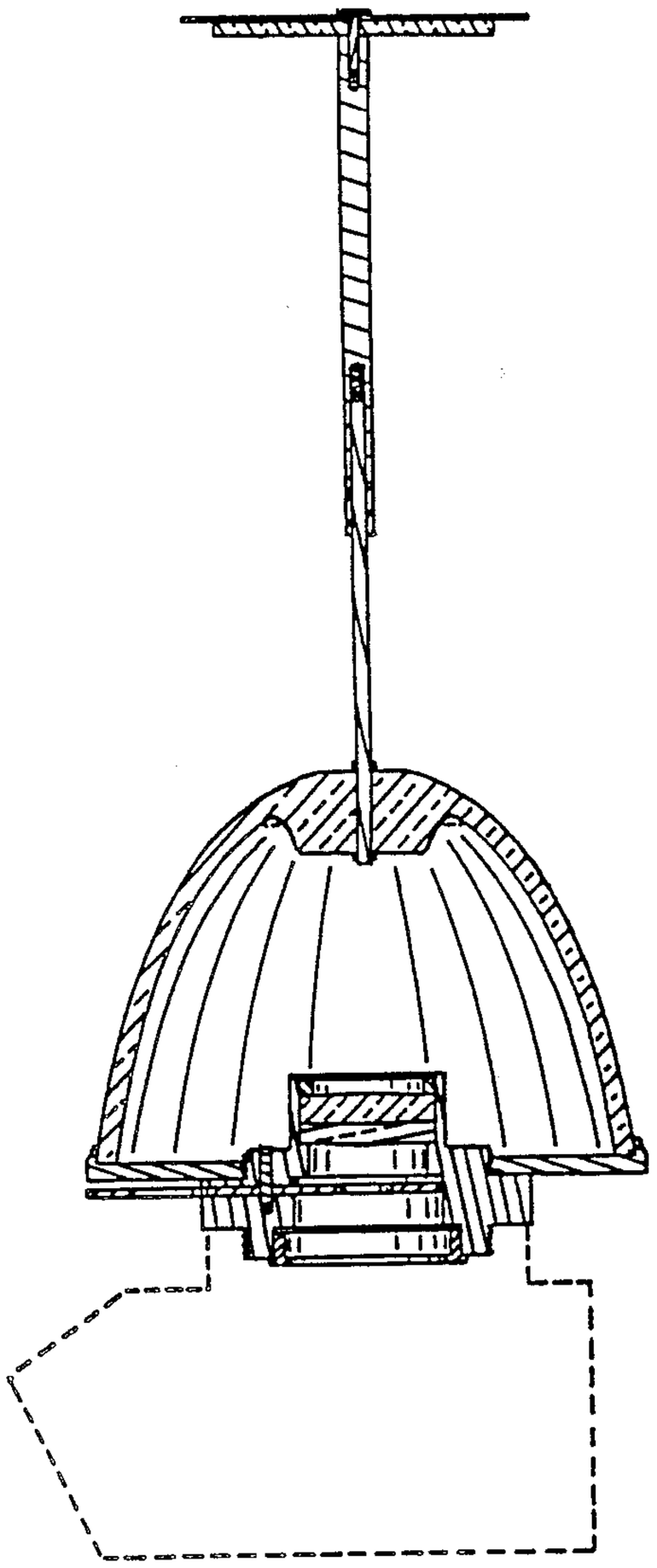


FIG. 11

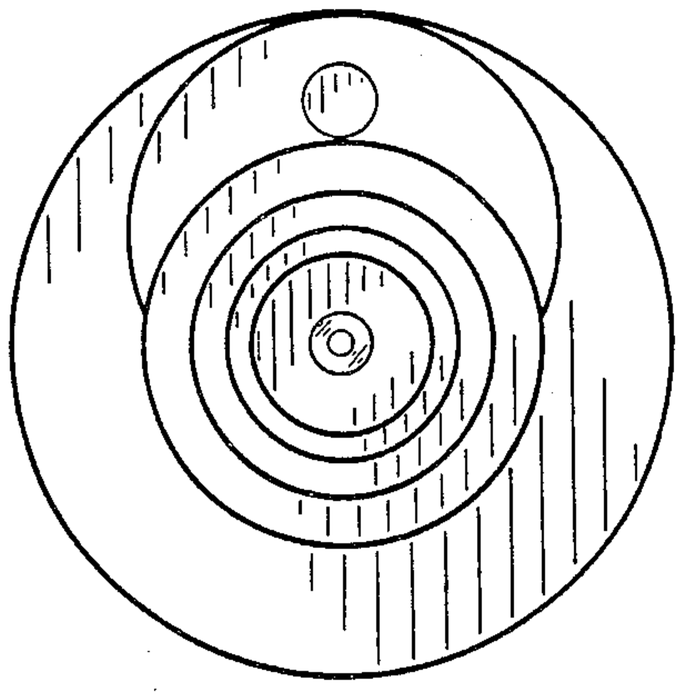


FIG. 12