



US00D449012B1

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

(10) **Patent No.:** **US D449,012 S**

(45) **Date of Patent:** **** Oct. 9, 2001**

(54) **REFLECTIVE RAINBOW ORNAMENT**

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(**) Term: **14 Years**

(21) Appl. No.: **29/131,033**

(22) Filed: **Oct. 10, 2000**

Related U.S. Application Data

(63) Continuation-in-part of application No. 29/115,459, filed on
Dec. 14, 1999, now Pat. No. Des. 431,795.

(51) **LOC (7) Cl.** **11-05**

(52) **U.S. Cl.** **D11/117**

(58) **Field of Search** D11/117, 121,
D11/131; 428/7-9, 12, 29, 30

(56) **References Cited**

U.S. PATENT DOCUMENTS

D. 237,339	*	10/1975	Knowles	D11/131 X
D. 261,373	*	10/1981	Fisher	D11/131
D. 275,742	*	10/1984	Williams	D11/121
D. 431,795	*	10/2000	Manrique	D11/121

* cited by examiner

Primary Examiner—Dominic Simone

(74) *Attorney, Agent, or Firm*—Carol D. Titus; James J. Leary

(57) **CLAIM**

The ornamental design for a reflective rainbow ornament, as shown and described.

DESCRIPTION

FIG. 1 is a top view of a disc of material used to create the

reflective rainbow ornament prior to shaping, the phantom line showing indicates the circular diffractive patterning on the surface of the disc;

FIG. 2 is a perspective view of the inner star piece of the reflective rainbow ornament;

FIG. 3 is a front view thereof;

FIG. 4 is a rear view thereof;

FIG. 5 is a right side view thereof;

FIG. 6 is a left side view thereof;

FIG. 7 is a top side view thereof;

FIG. 8 is a bottom side view thereof;

FIG. 9 is a perspective view of a first outer star piece of the reflective rainbow ornament, the broken line showing of the hanger pieces are for illustrative purposes only and forms no part of the claimed design;

FIG. 10 is a front view thereof;

FIG. 11 is a rear view thereof;

FIG. 12 is a right side view thereof;

FIG. 13 is a left side view thereof;

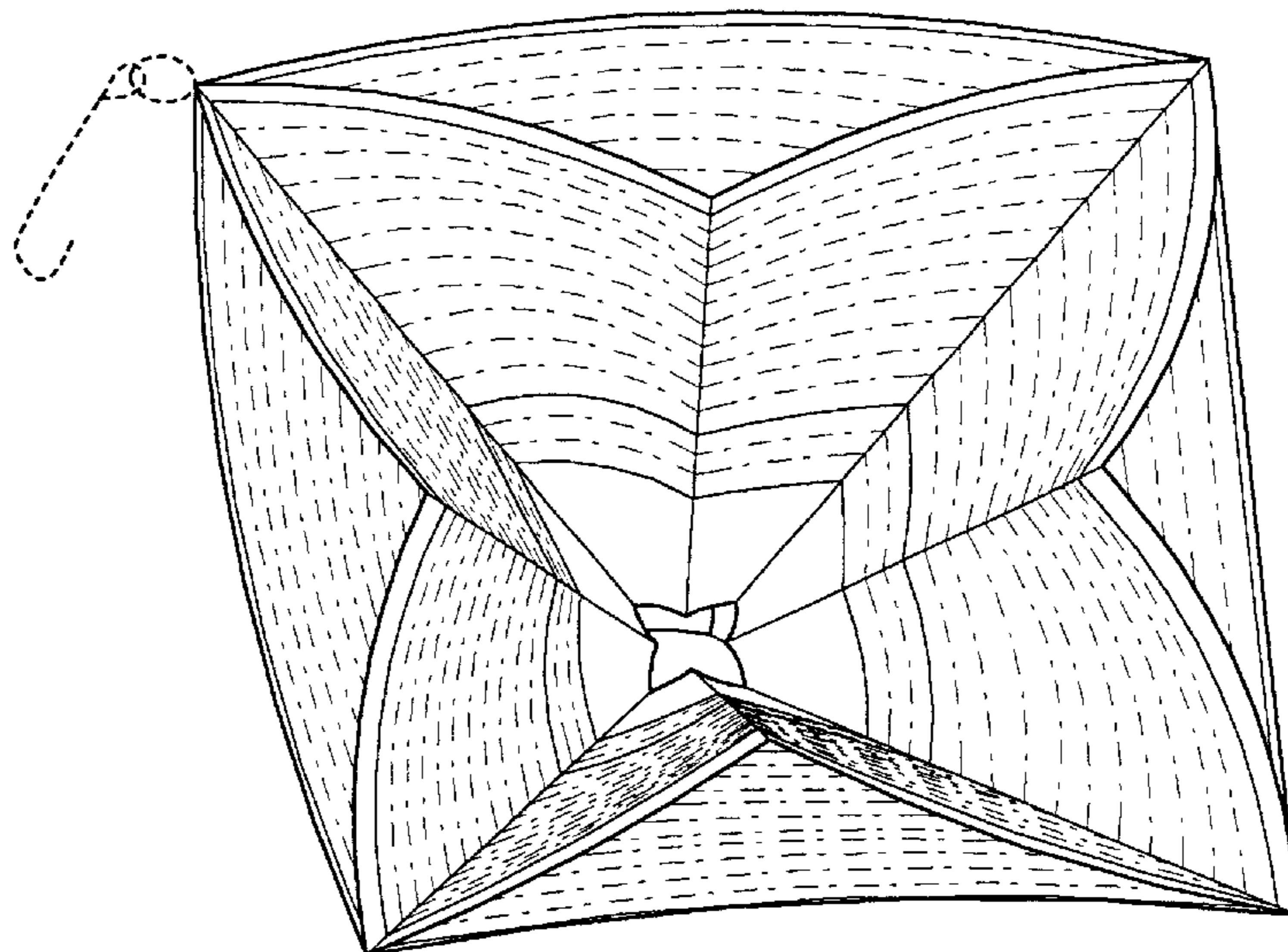
FIG. 14 is a top side view thereof;

FIG. 15 is a bottom side view thereof;

FIG. 16 is an exploded view of the inner star piece and the first outer star piece of the reflective rainbow ornament, the broken line showing of the hanger pieces are for illustrative purposes only and forms no part of the claimed design; and, FIG. 17 is an assembled view thereof, the broken line showing of the hanger pieces are for illustrative purposes only and forms no part of the claimed design.

The phantom line showing throughout the drawings indicates the presence of optical surfaces that create a reflective rainbow pattern caused by a diffraction grating effect. In addition, the folded shape of the reflective material also creates a kaleidoscopic effect.

1 Claim, 8 Drawing Sheets



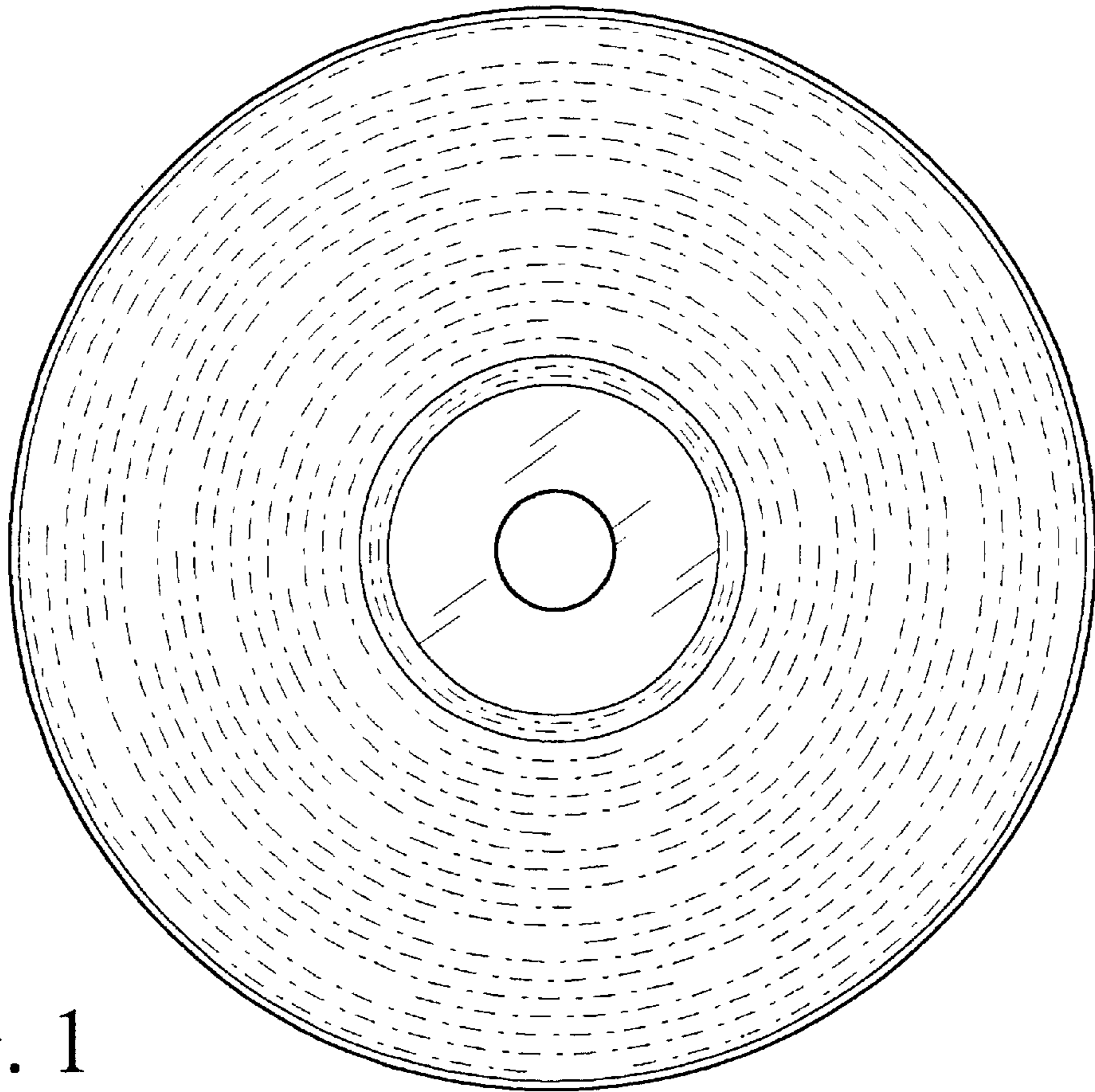


FIG. 1

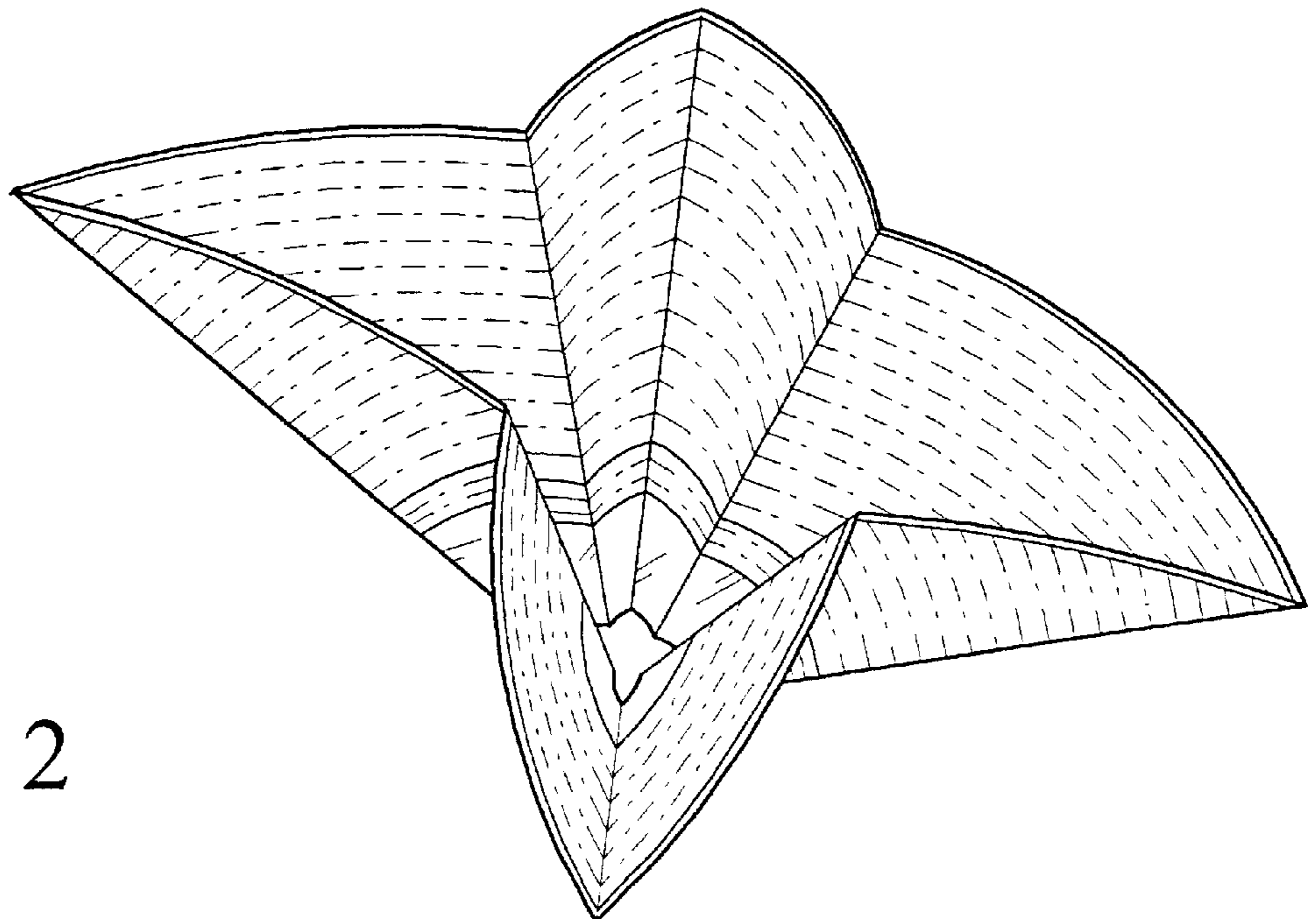


FIG. 2

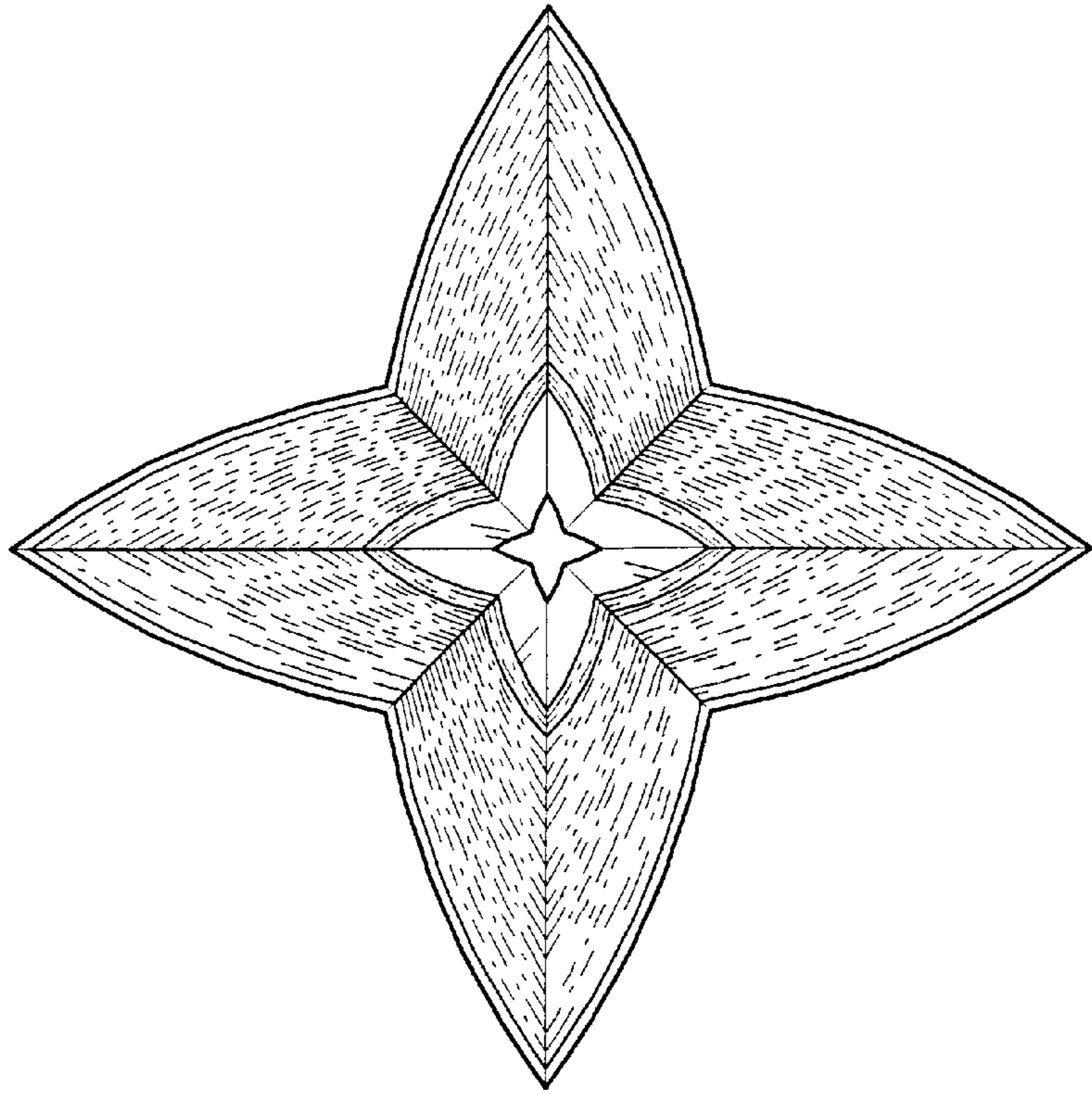


FIG. 3

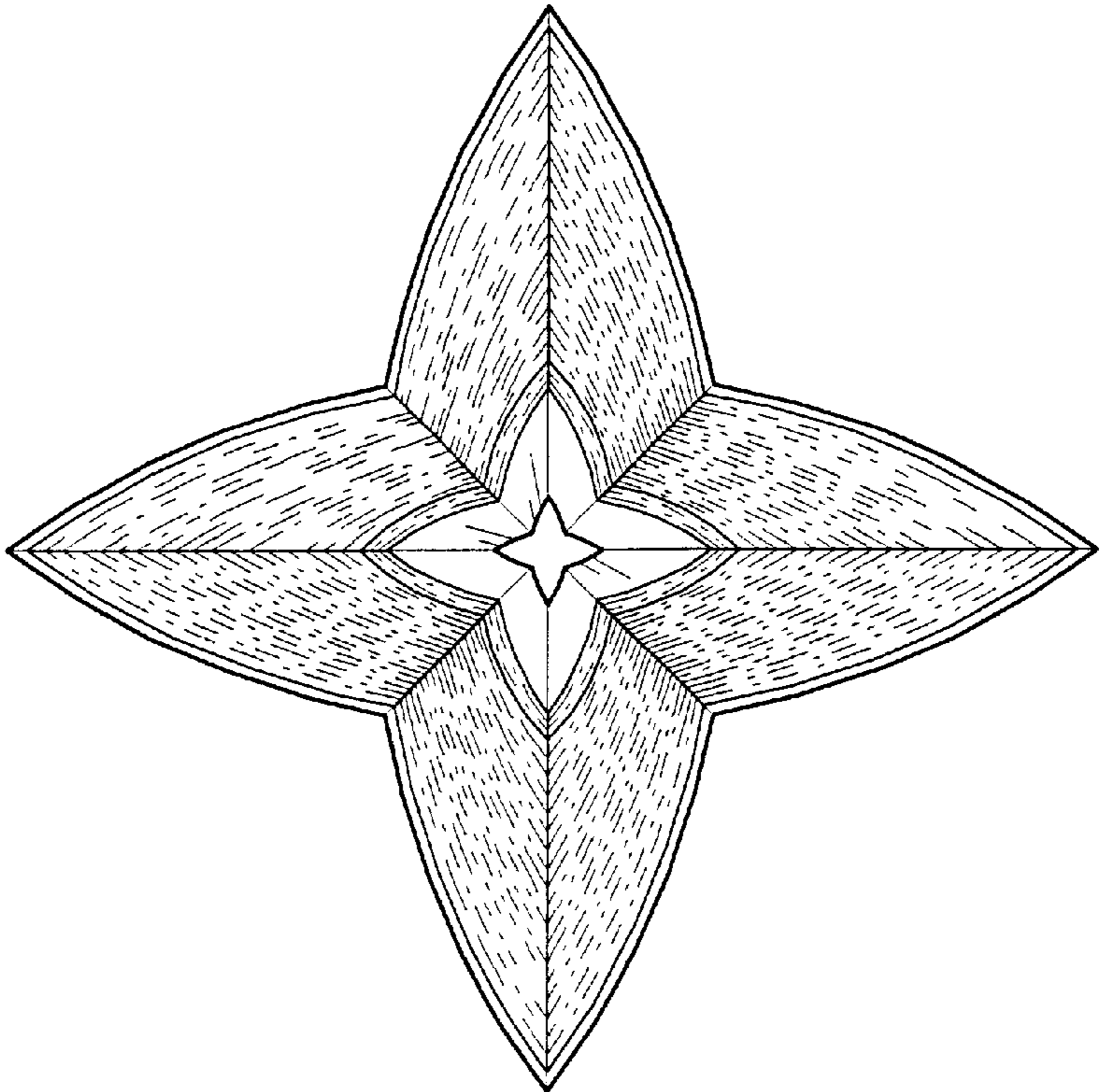


FIG. 4

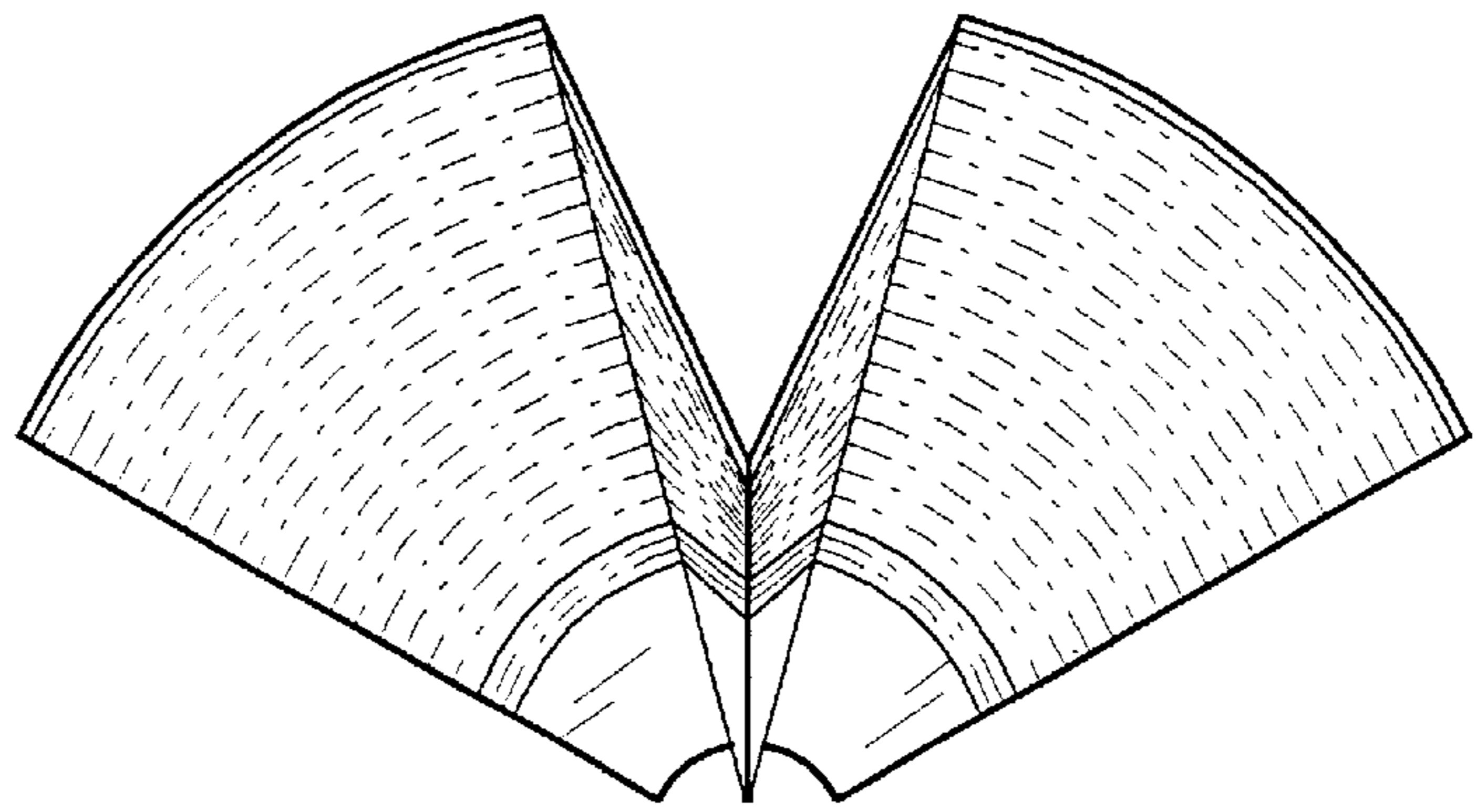


FIG. 5

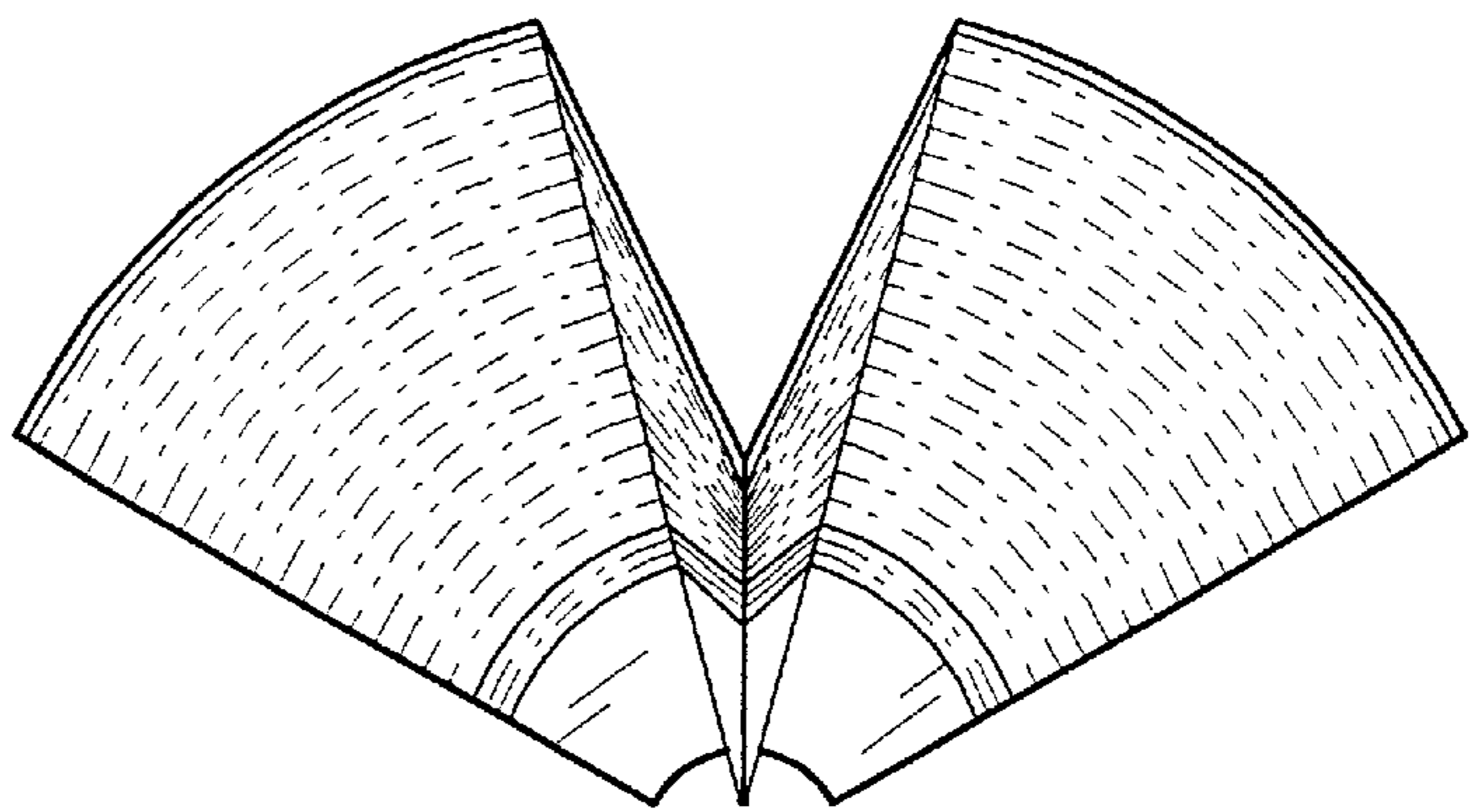


FIG. 6

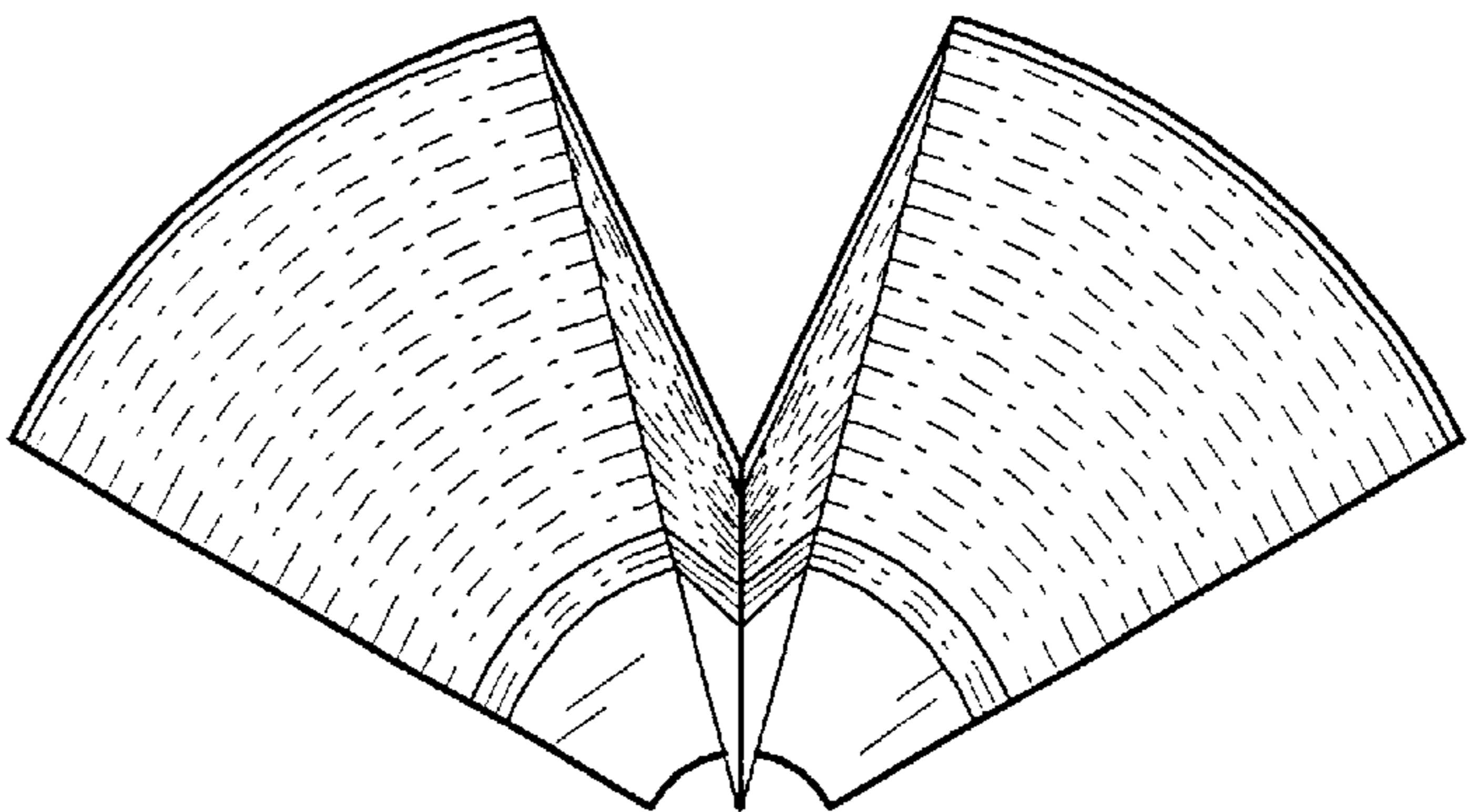


FIG. 7

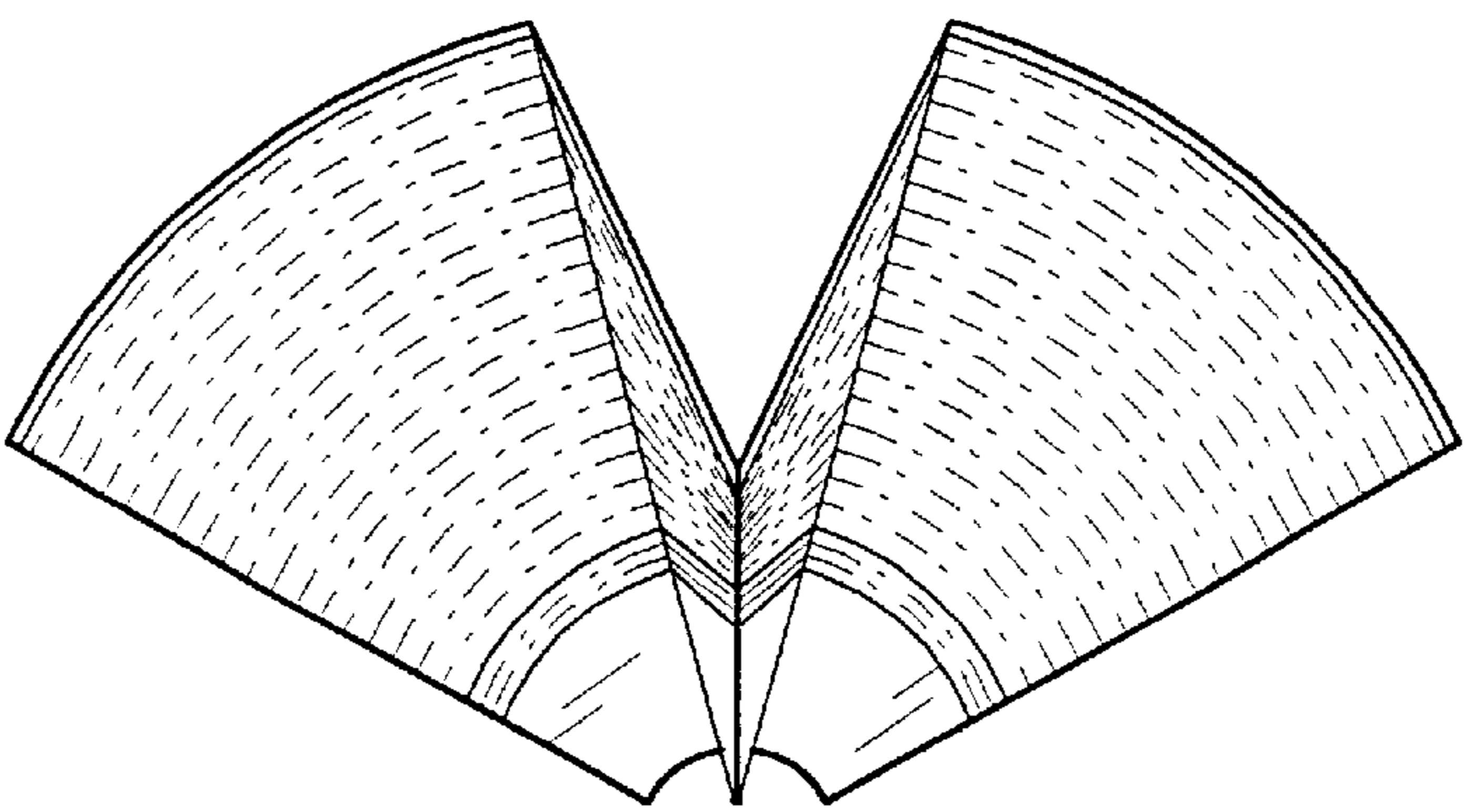


FIG. 8

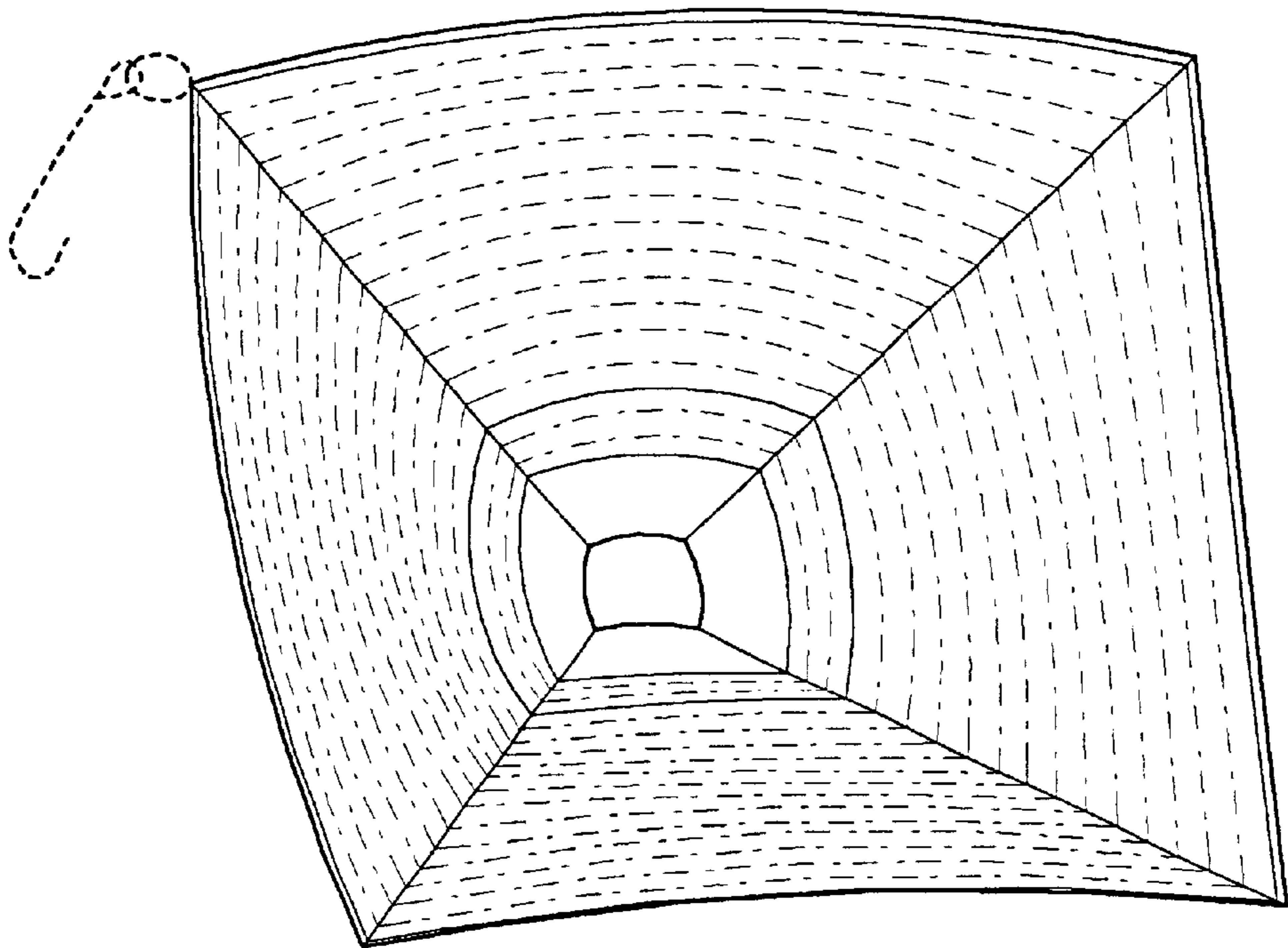


FIG. 9

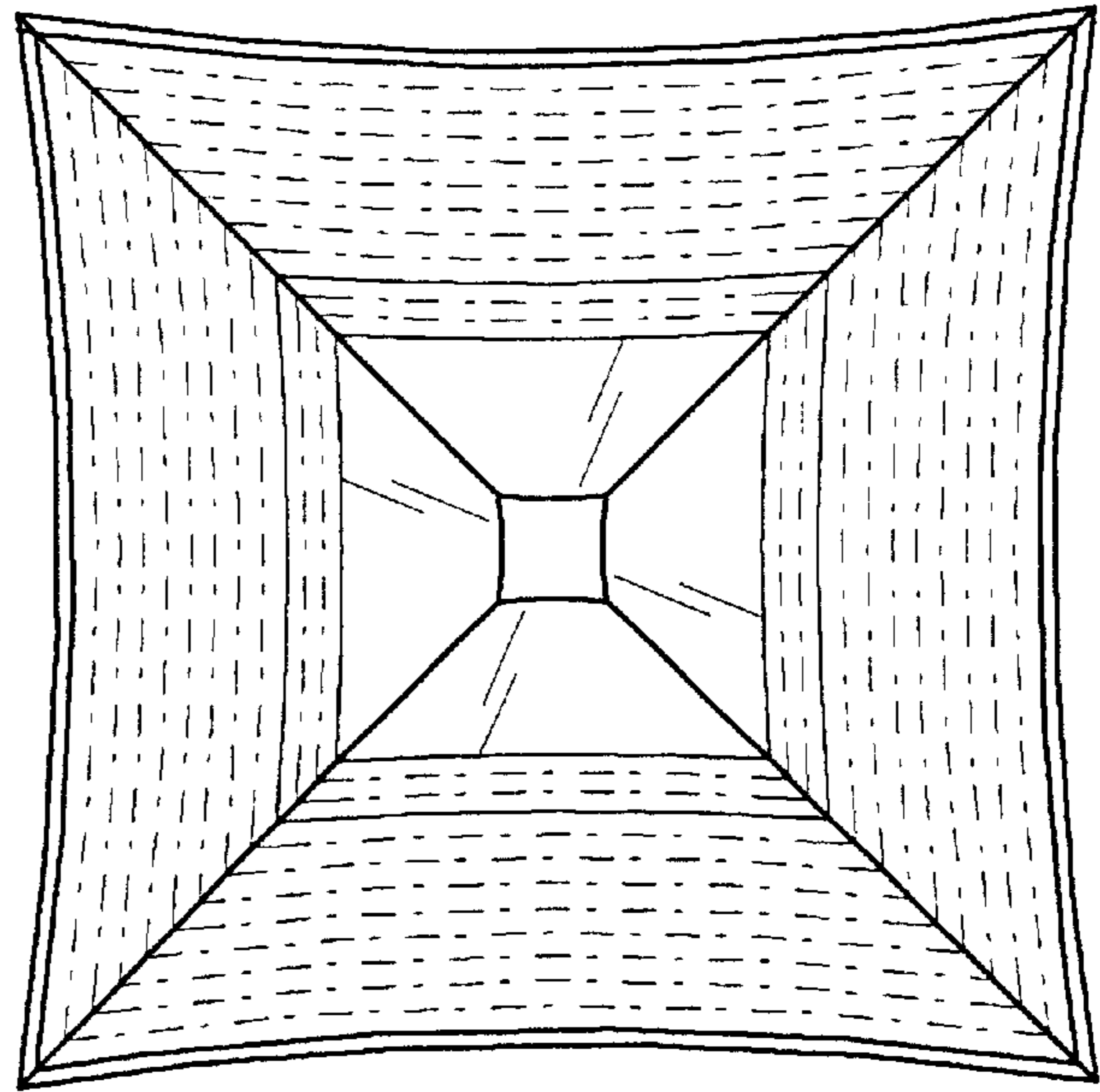


FIG. 10

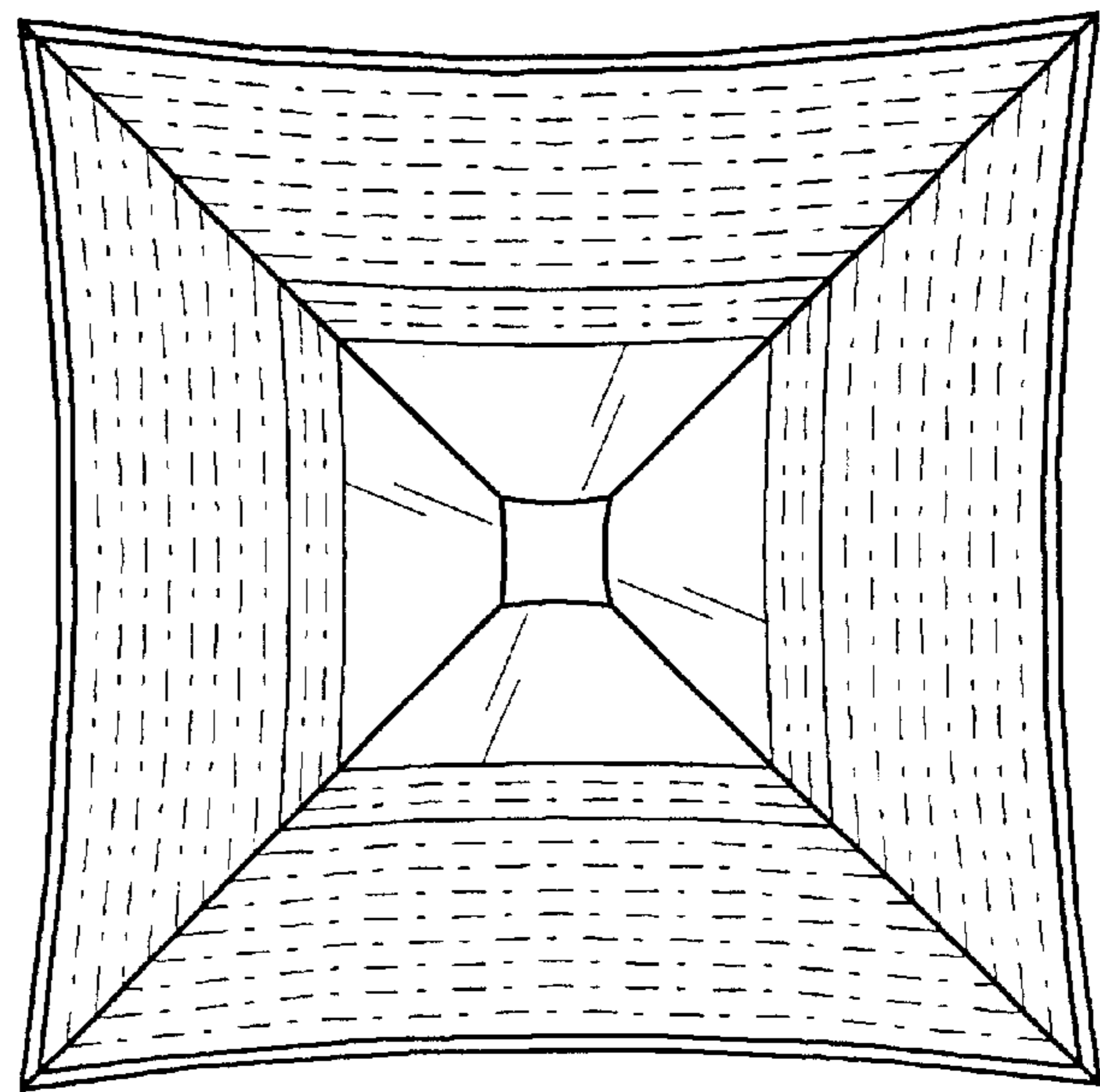


FIG. 11

FIG. 12

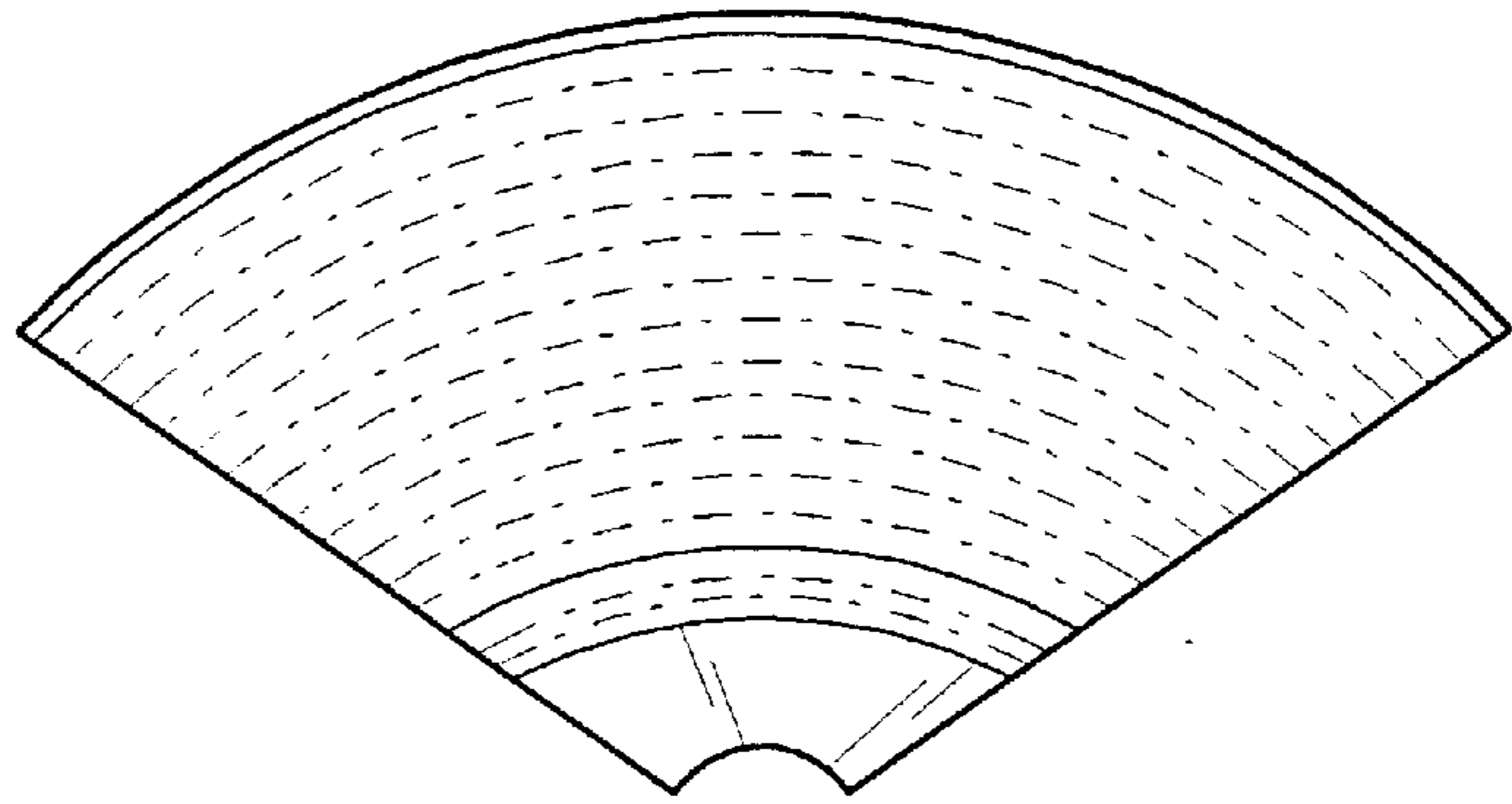


FIG. 13

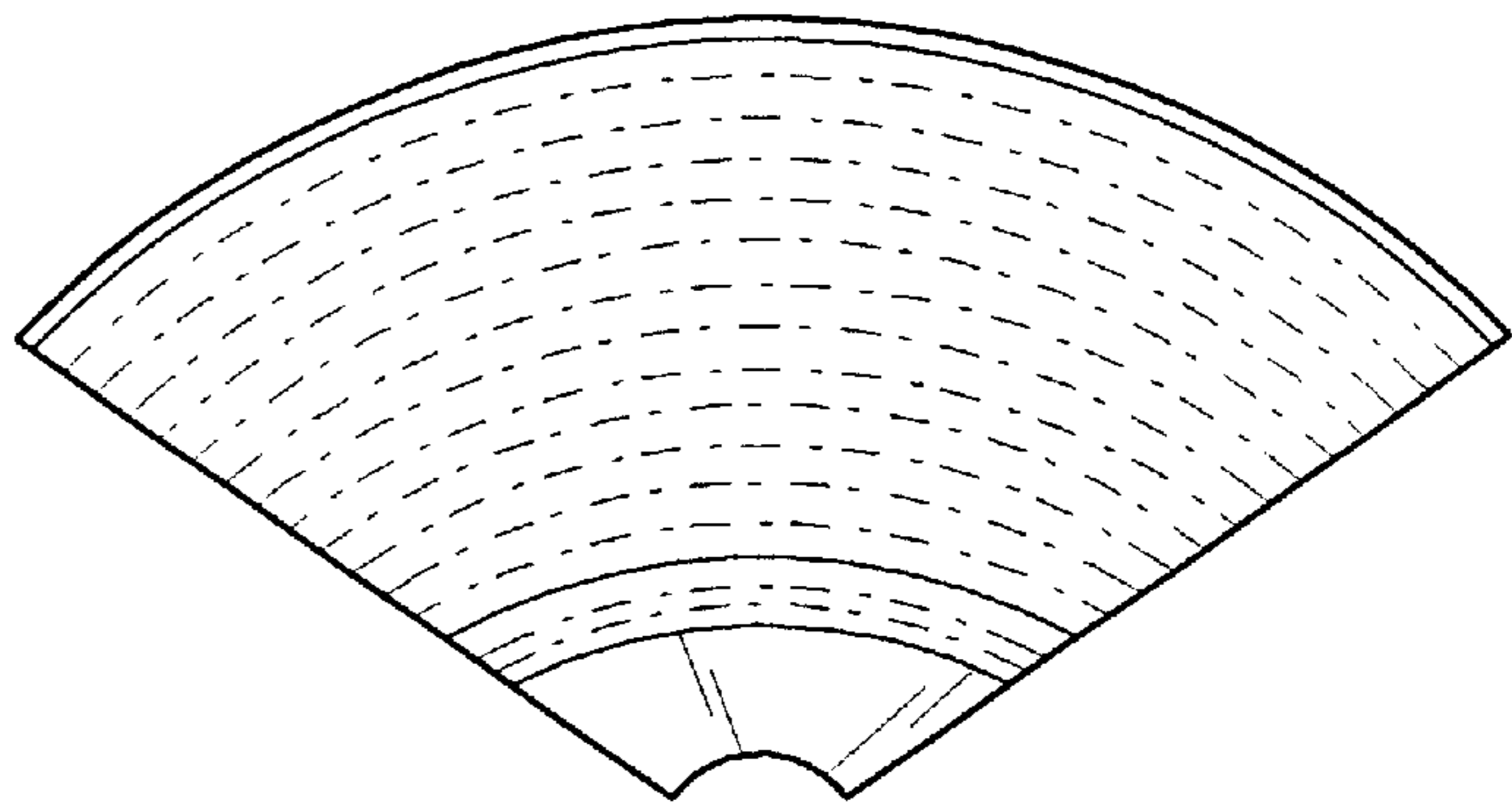


FIG. 14

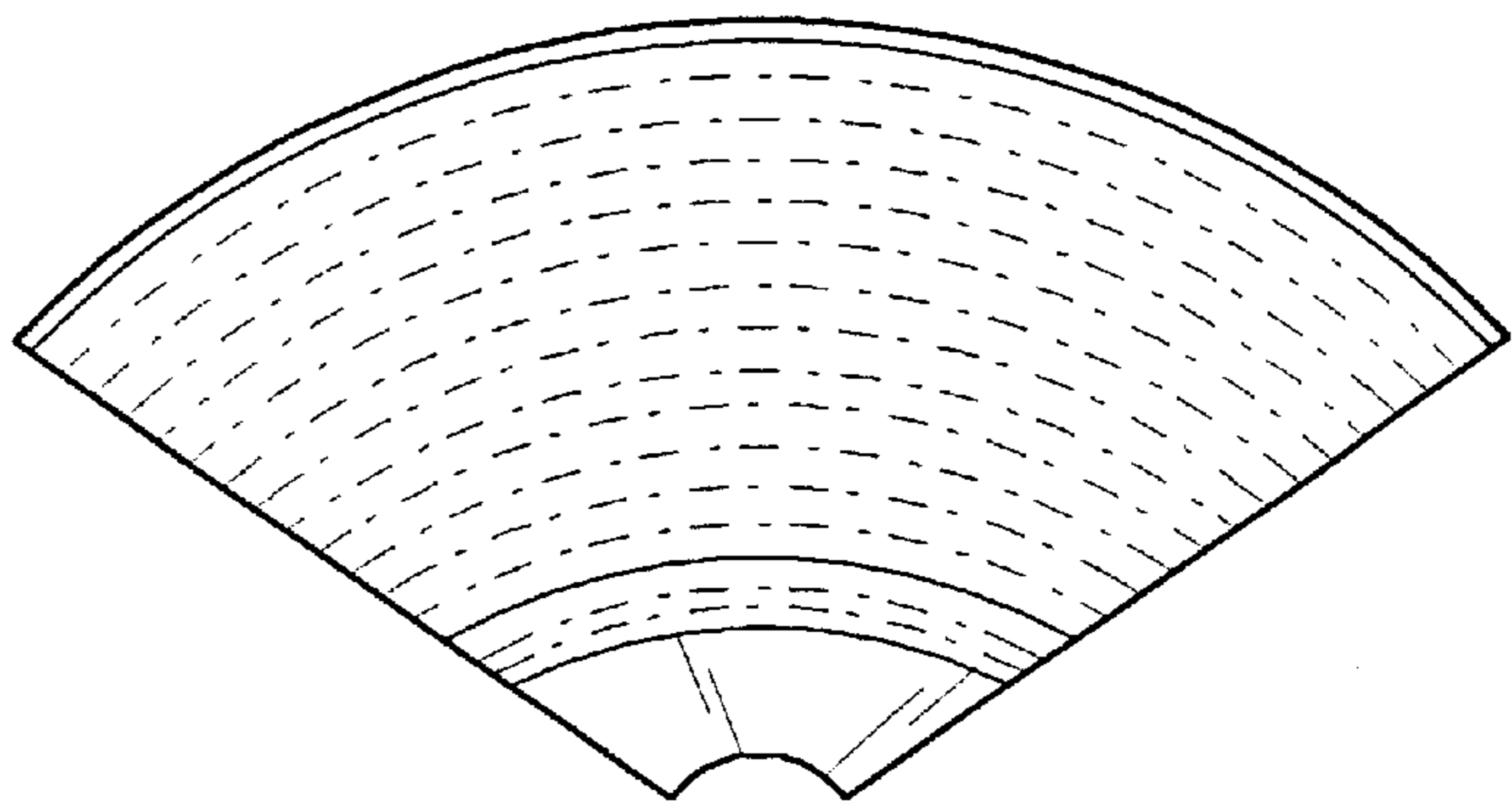
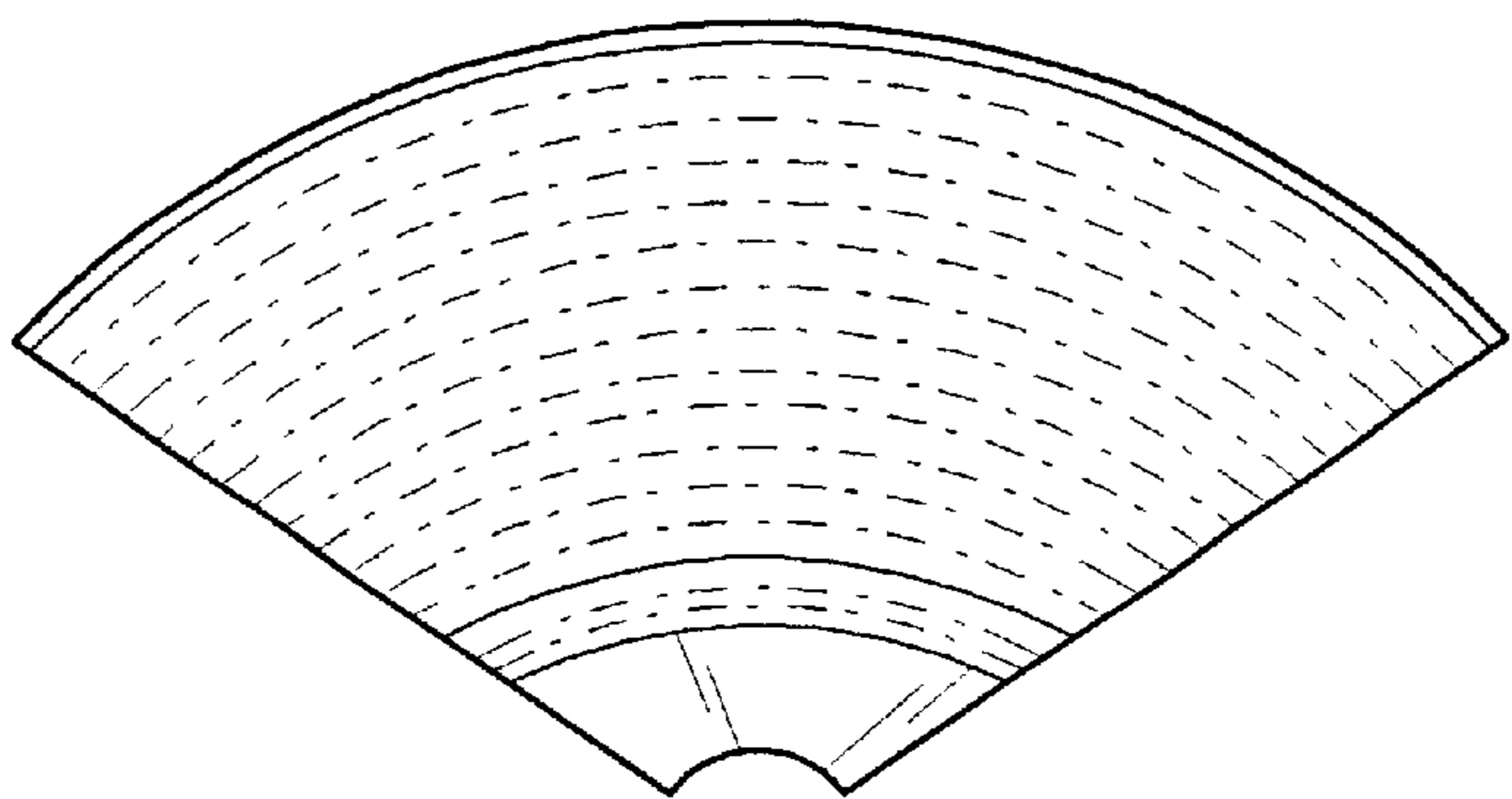


FIG. 15



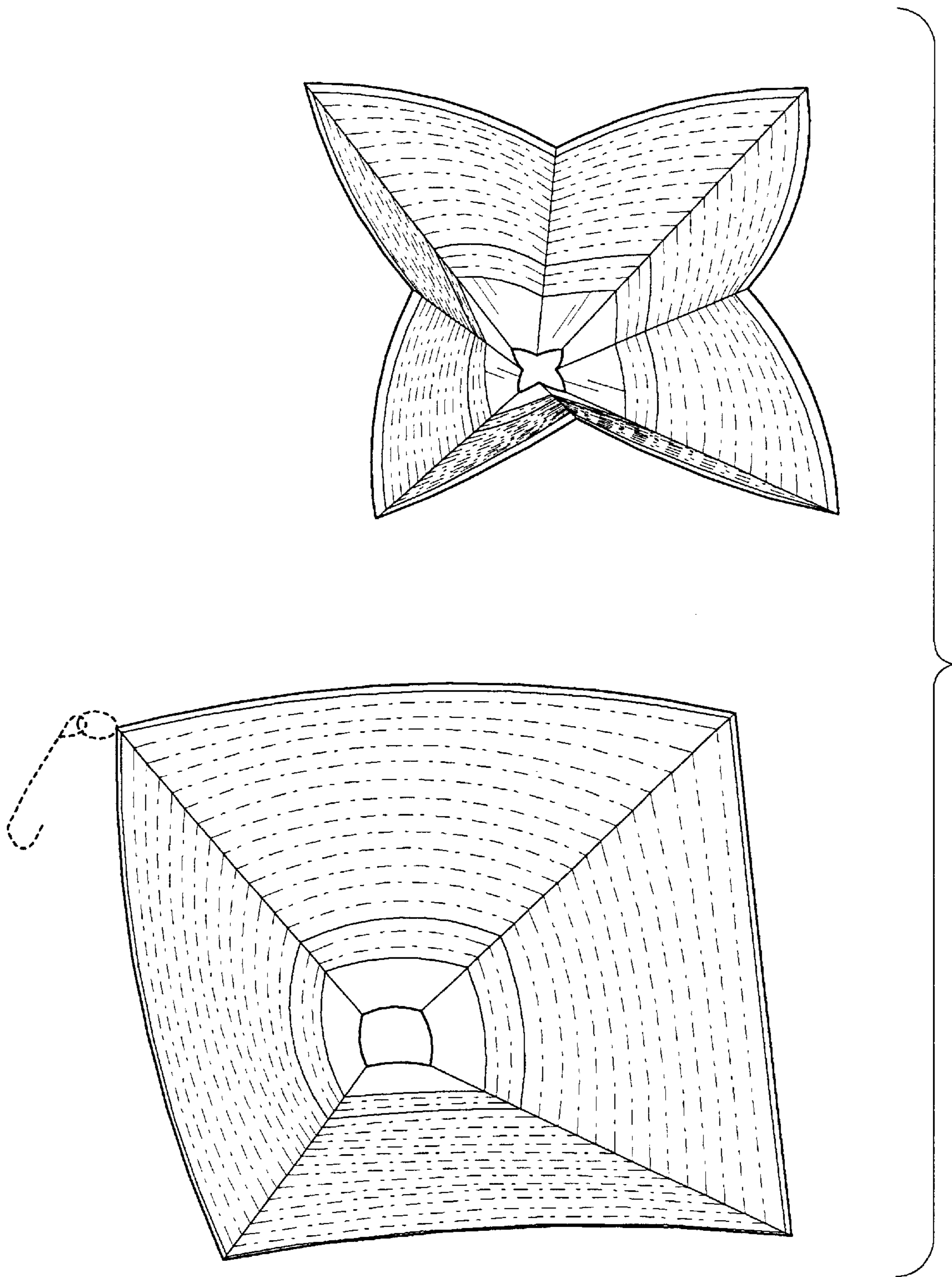


FIG. 16

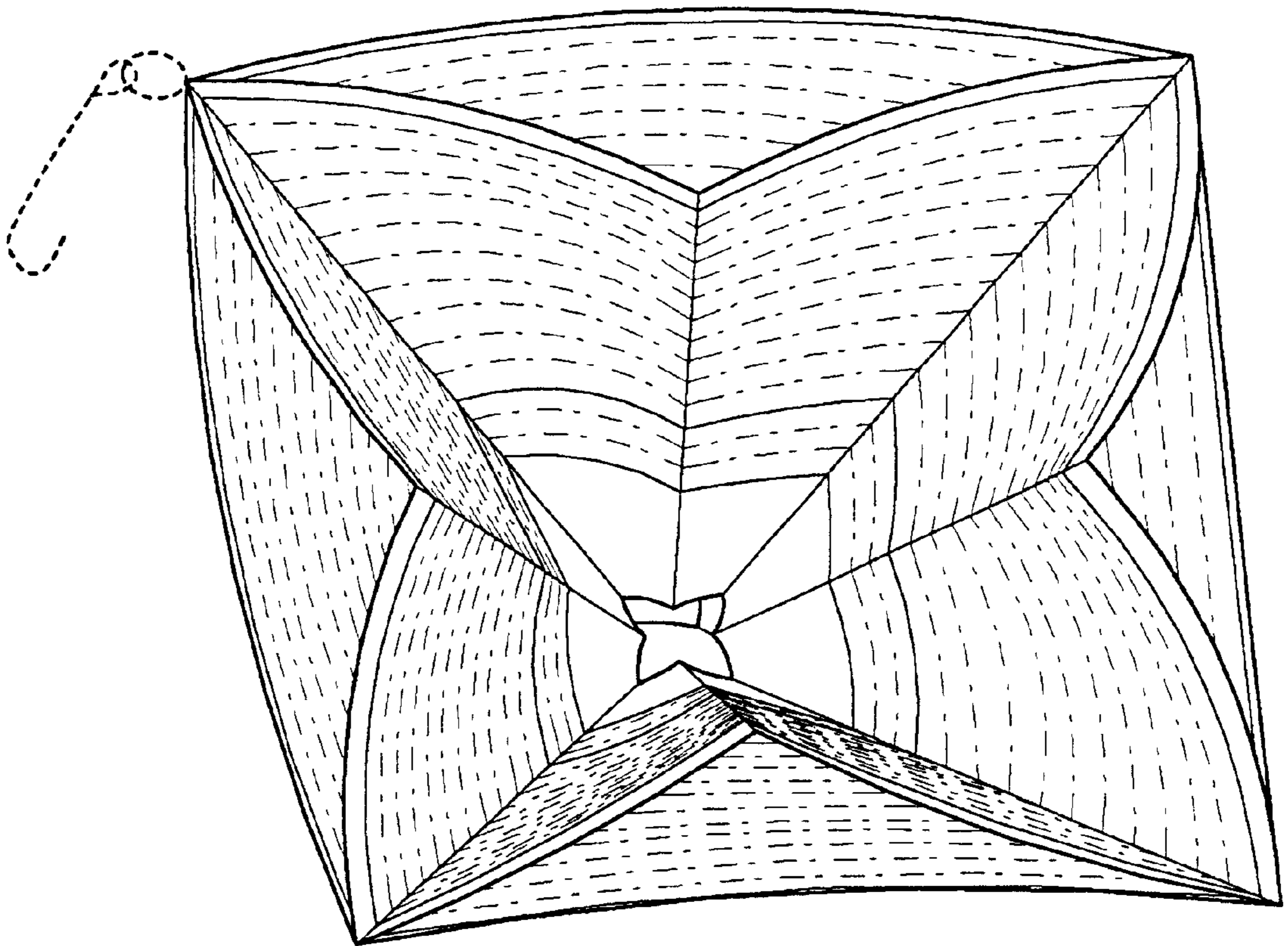


FIG. 17