

[54] AIR-SUPPORTED STRUCTURES

[57] CLAIM

[76] Inventor: Donato M. Fraioli, 884 Palmer Ave., Mamaroneck, N.Y. 10543

The ornamental design for air-supported structures, as shown and described.

[**] Term: 14 Years

DESCRIPTION

[21] Appl. No.: 431,697

FIG. 1 is a side elevation view of air-supported structures combination showing my design and illustrating a cable net on the principal structure,

[22] Filed: Sep. 30, 1982

FIG. 2 is a plan view of the air-supported structures in FIG. 1,

[52] U.S. Cl. D25/20

FIG. 3 is a front elevation view of the air-supported structures in FIG. 1,

[58] Field of Search D25/1, 18, 19, 20, 21; 52/2

FIG. 4 is a rear elevation view of the principal air-supported structure in FIG. 1,

[56] References Cited

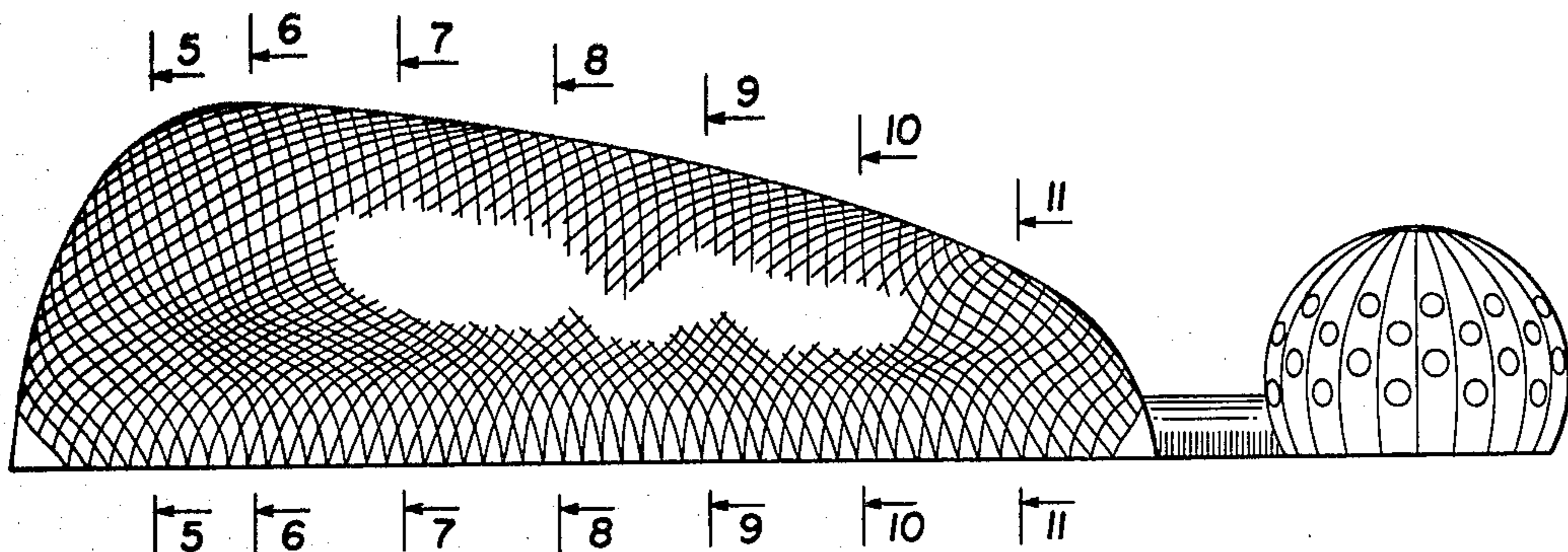
U.S. PATENT DOCUMENTS

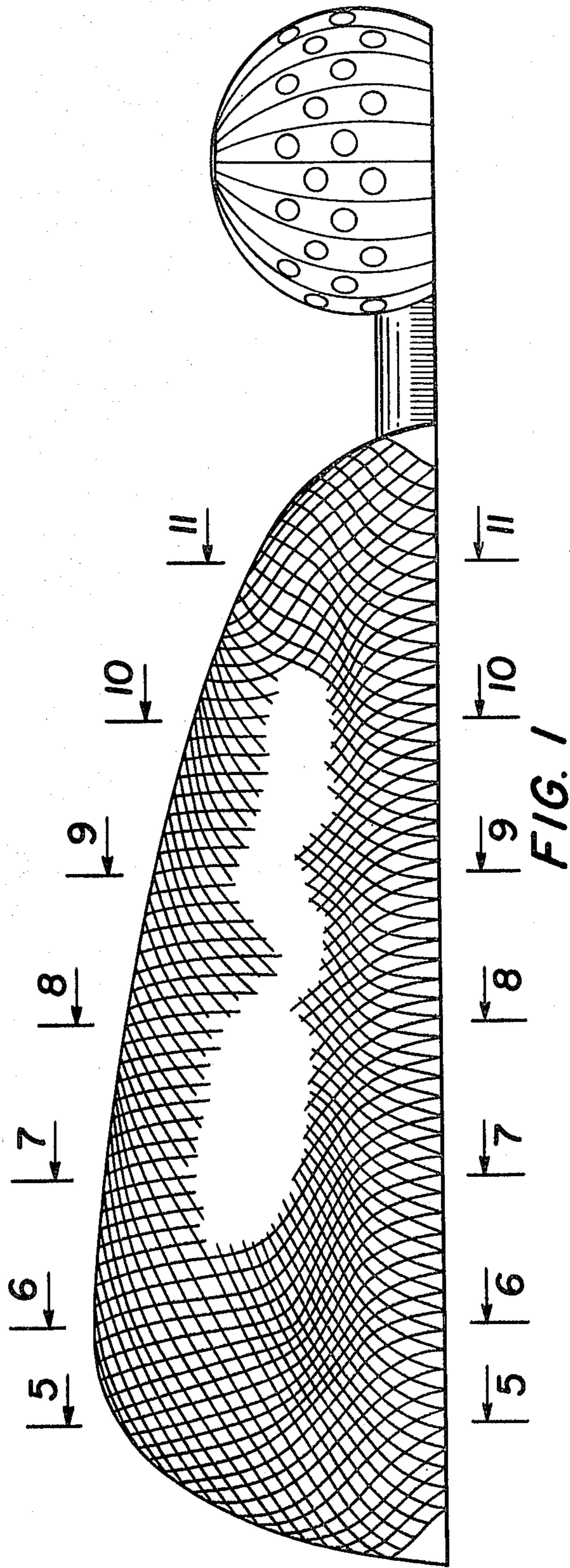
D. 224,679	8/1972	Grob, Jr.	D25/20
3,744,191	7/1973	Bird	52/2
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FIGS. 5-11 inclusive, are transverse sectional views of the air-supported structure illustrating the sectional profile configuration of the air-supported structure at corresponding section lines in FIGS. 1 and 2.

The two air-structure are illustrated in an inflated condition and are each made of a suitable flexible plastic sheet or membrane. The elongated principal structure is symmetrical about a vertical plane of symmetry passing through its longitudinal axis and has the same configuration on opposite sides of the vertical plane of symmetry so that an elevation view of one side illustrate the opposite side in FIG. 1. The smaller structure is bubble-shaped and is joined to the main or principal structure through an enclosed passageway.

Primary Examiner—A. Hugo Word
Attorney, Agent, or Firm—Robert E. Burns; Emmanuel J. Lobato; Bruce L. Adams





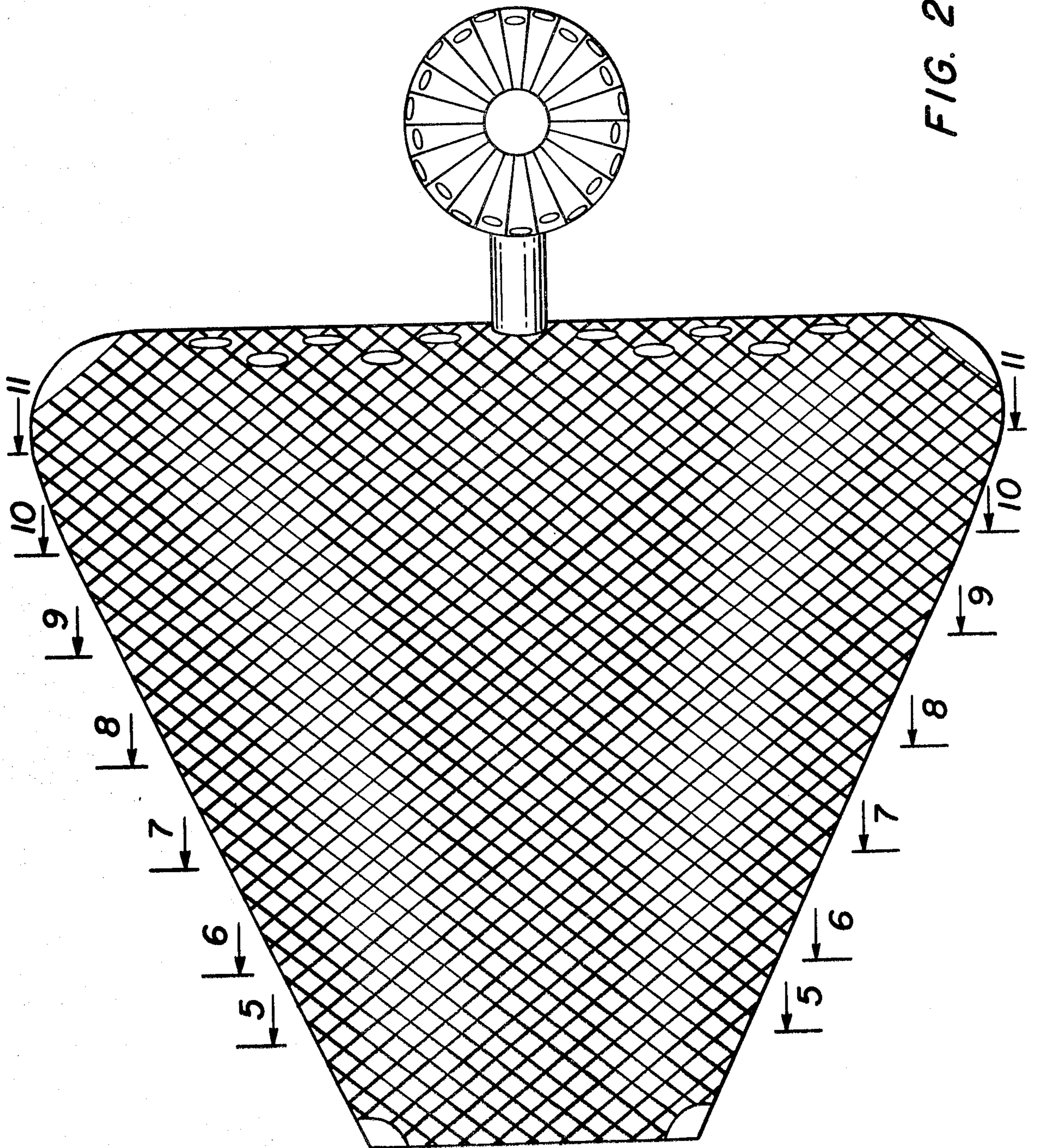


FIG. 2

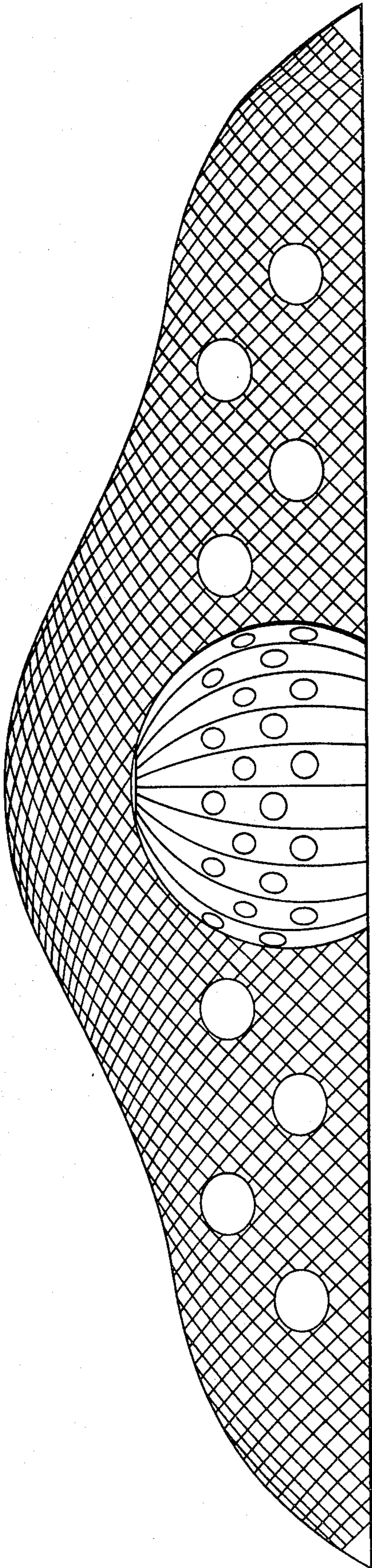


FIG. 3

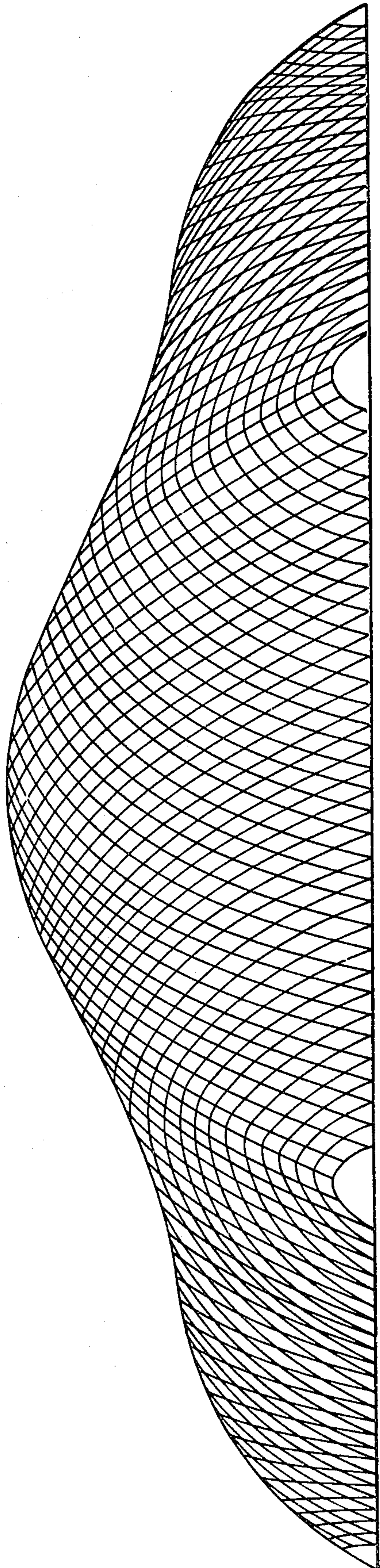


FIG. 4

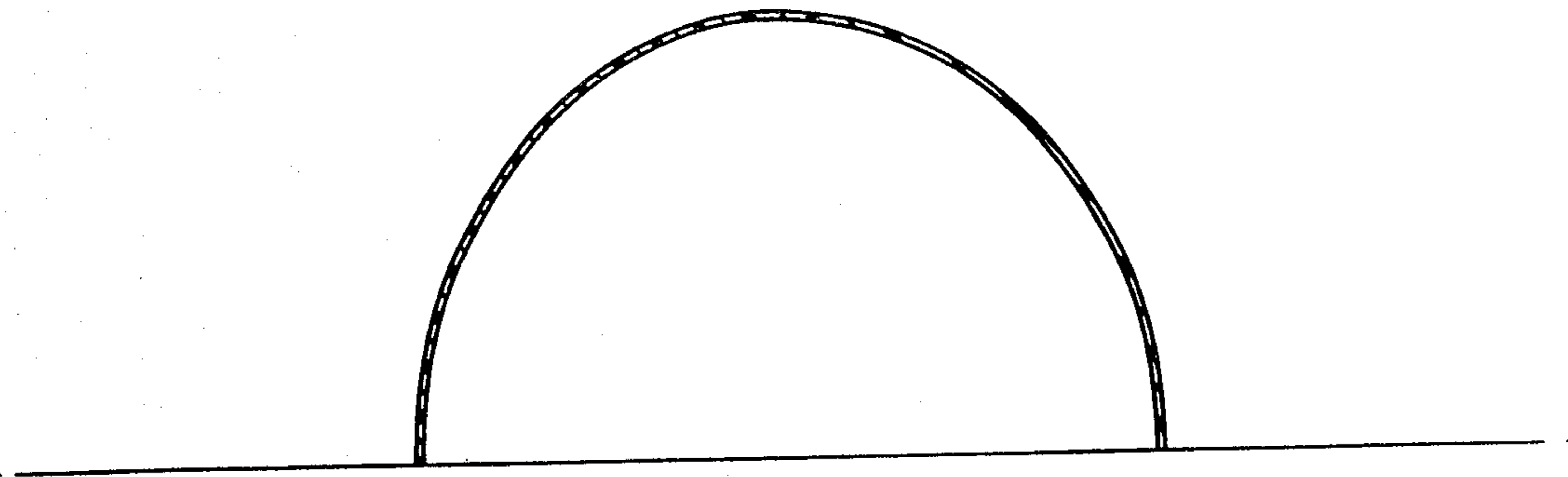


FIG. 5

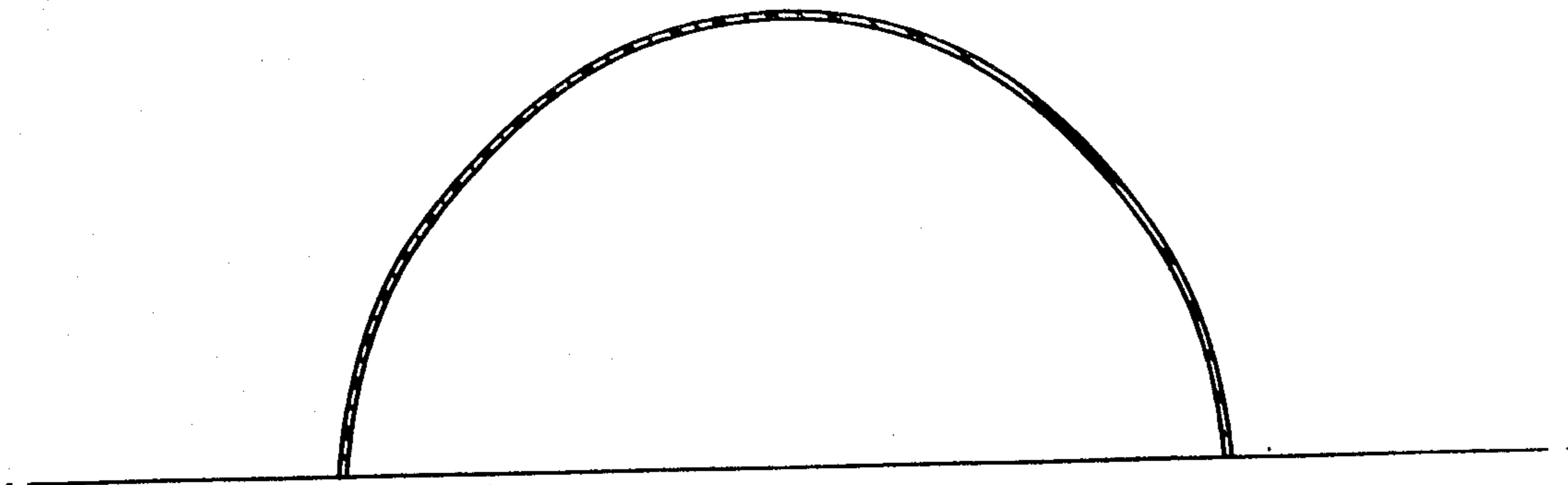


FIG. 6

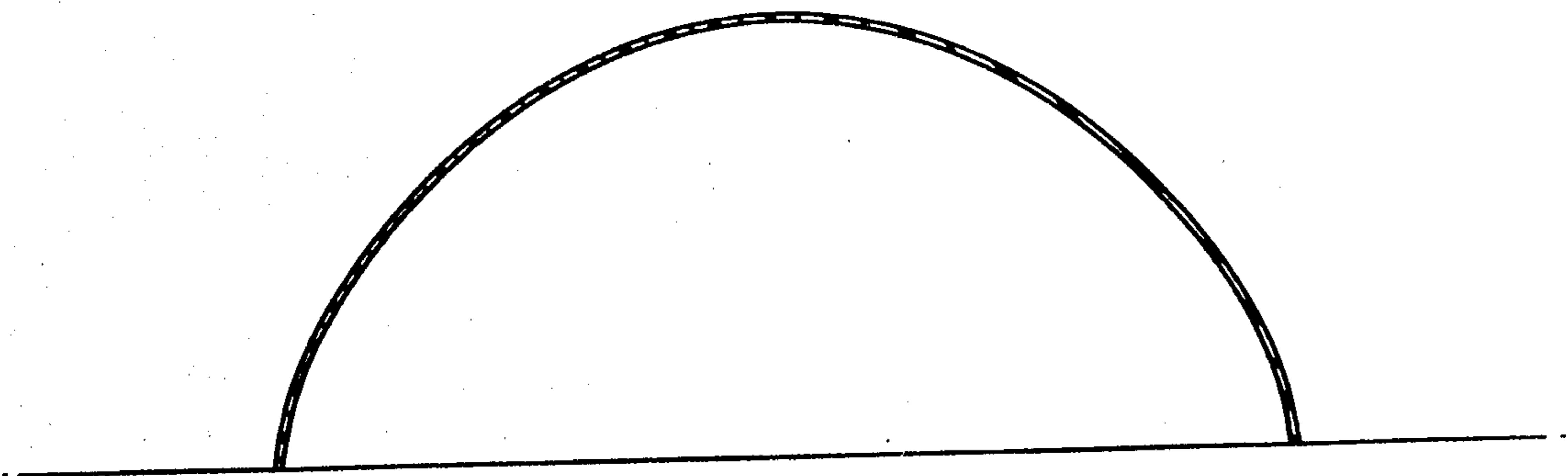


FIG. 7

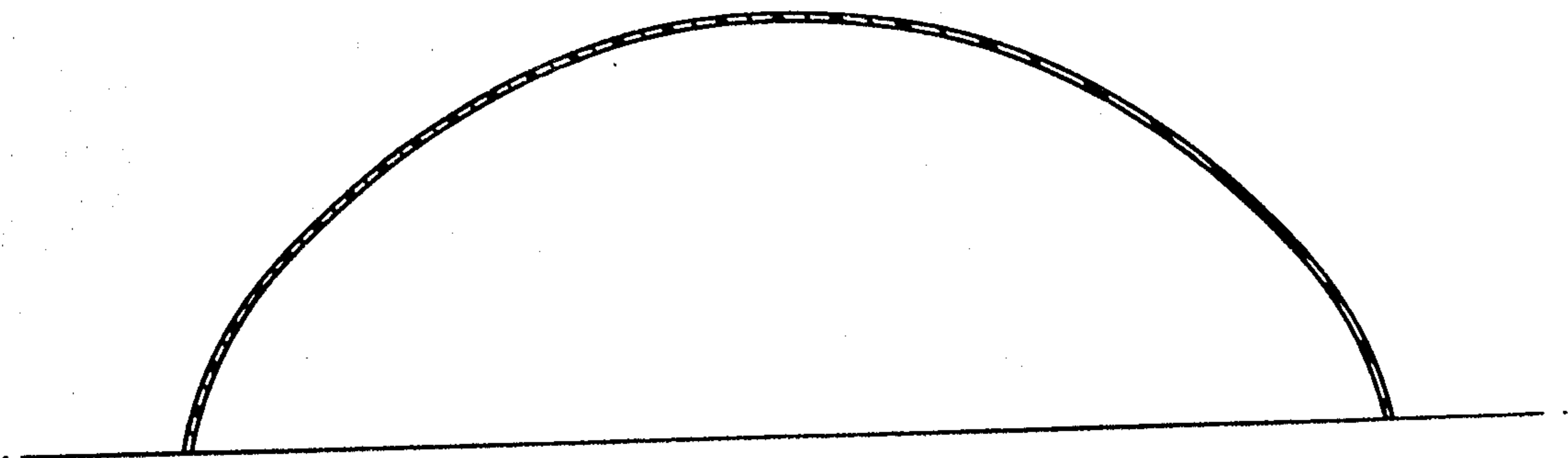


FIG. 8

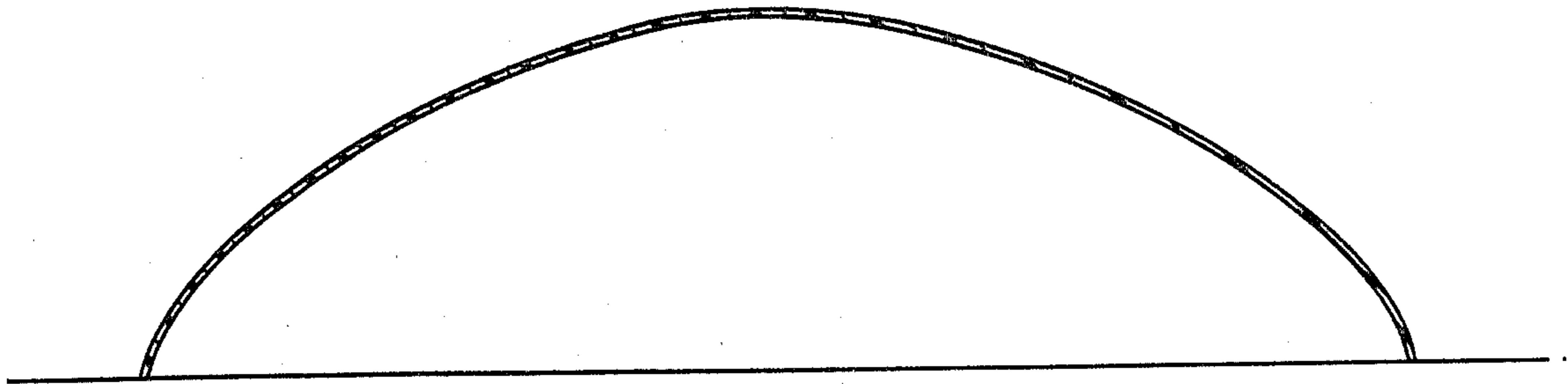


FIG. 9

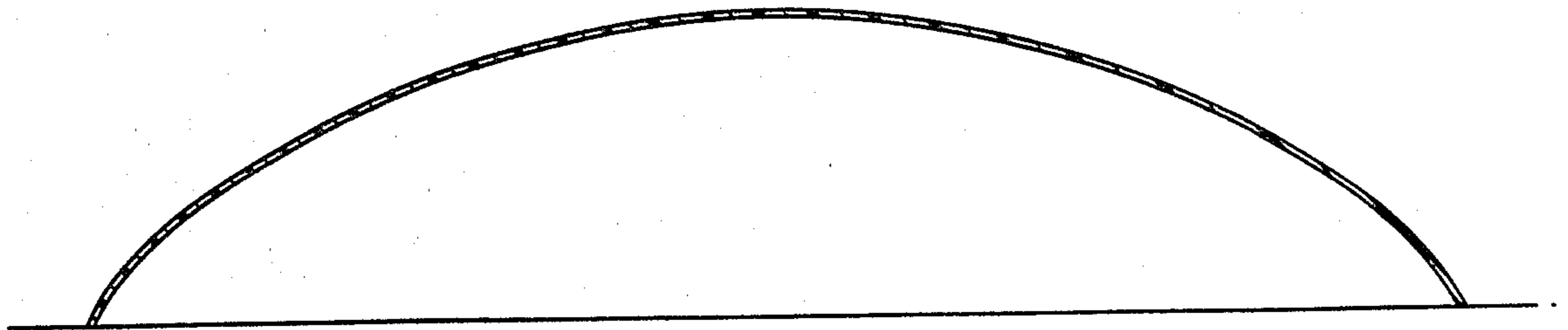


FIG. 10

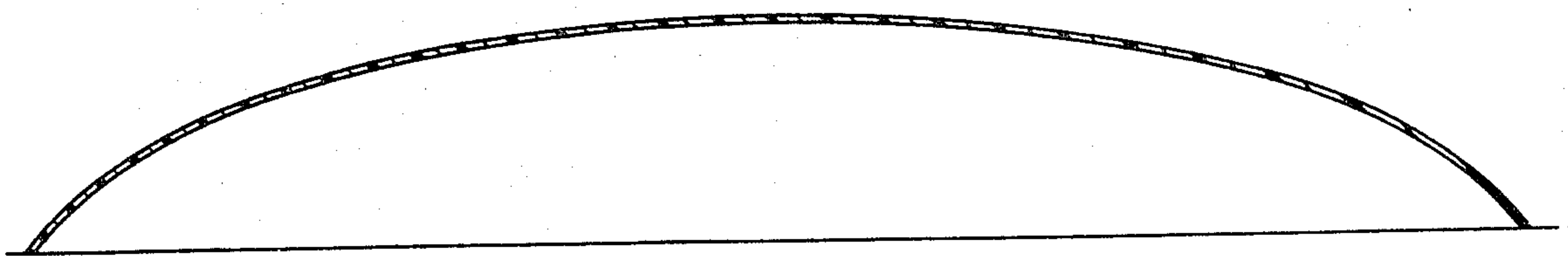


FIG. 11