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(12) **United States Design Patent** (10) **Patent No.:** **US D776,822 S**  
**McKinley et al.** (45) **Date of Patent:** **\*\* Jan. 17, 2017**

(54) **UNIFORM CURRENT DISTRIBUTION  
ELECTRODE FOR NONINVASIVE BRAIN  
STIMULATION**

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(73) Assignee: **The United States of America as  
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Direct Current Stimulation and Caffeine on Vigilance and Cognitive  
Performance During Extended Wakefulness. *Brain Stimulation*, doi:  
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(\*\*) Term: **15 Years**

*Primary Examiner* — Wan Laymon

(21) Appl. No.: **29/540,180**

(74) *Attorney, Agent, or Firm* — AFMCLO/JAZ; Charles  
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(51) **LOC (10) Cl.** ..... **24-01**

(52) **U.S. Cl.**  
USPC ..... **D24/187**

(58) **Field of Classification Search**  
USPC ..... D24/186-187, 200, 167-138; D10/98  
CPC ... A61B 5/02405; A61B 5/04; A61B 5/04001;  
A61B 5/048; A61B 5/0478; A61B 5/6814;  
A61N 1/0531; A61N 1/0529; A61N  
1/0534; A61N 1/20; A61N 1/323; A61N  
2007/0026

See application file for complete search history.

(57) **CLAIM**

The ornamental design for a uniform current distribution  
electrode for noninvasive brain stimulation, as shown and  
described.

**DESCRIPTION**

FIG. 1 is a top view of a uniform current distribution  
electrode for noninvasive brain stimulation showing our new  
design;

FIG. 2 is a cross-sectional view thereof taken along the line  
2-2 in FIG. 1;

FIG. 3 is a bottom view thereof;

FIG. 4 is a right side view thereof;

FIG. 5 is a left side view thereof;

FIG. 6 is a front view thereof;

FIG. 7 is a rear view thereof; and,

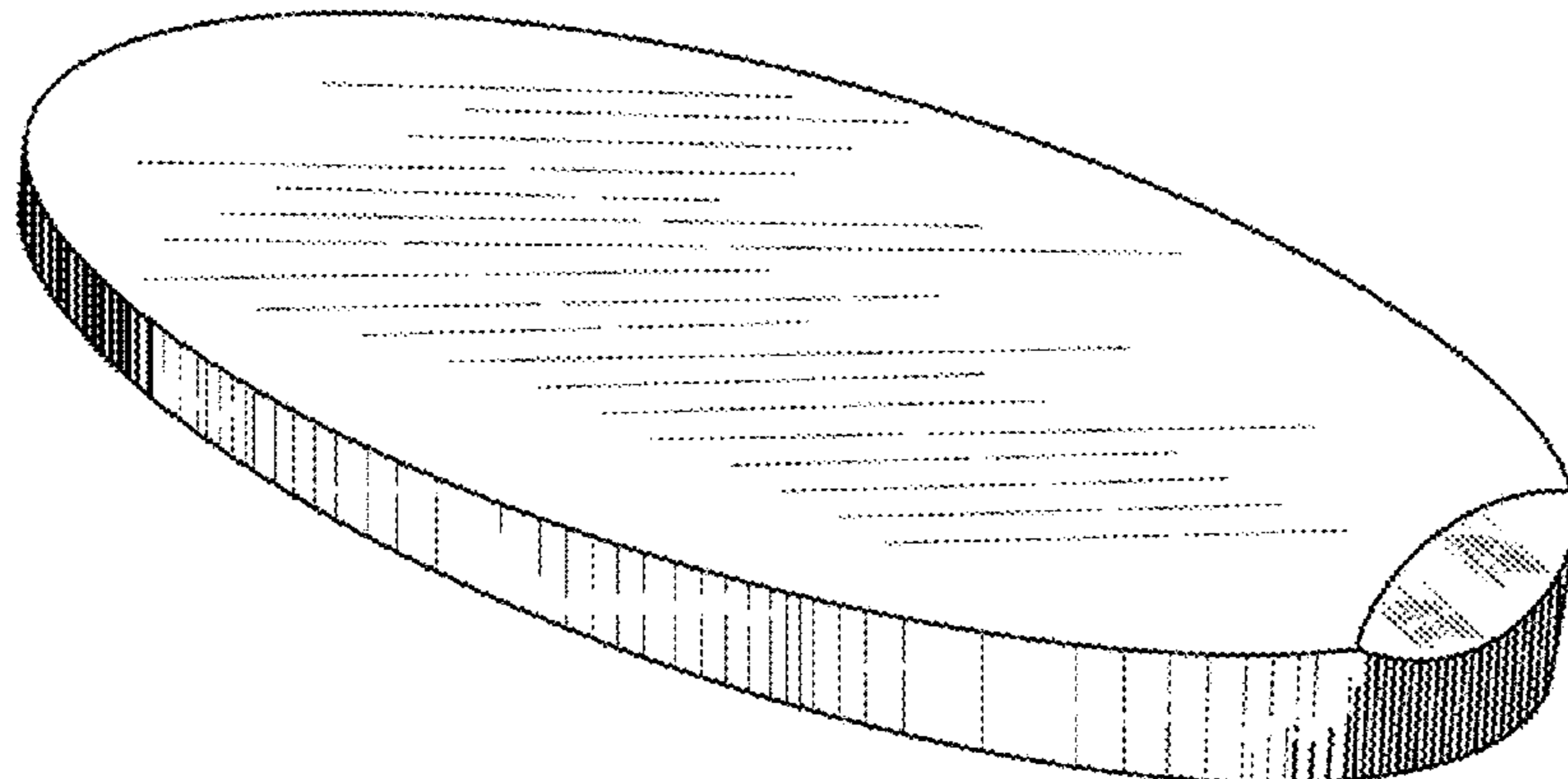
FIG. 8 is an isometric view thereof.

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**1 Claim, 3 Drawing Sheets**



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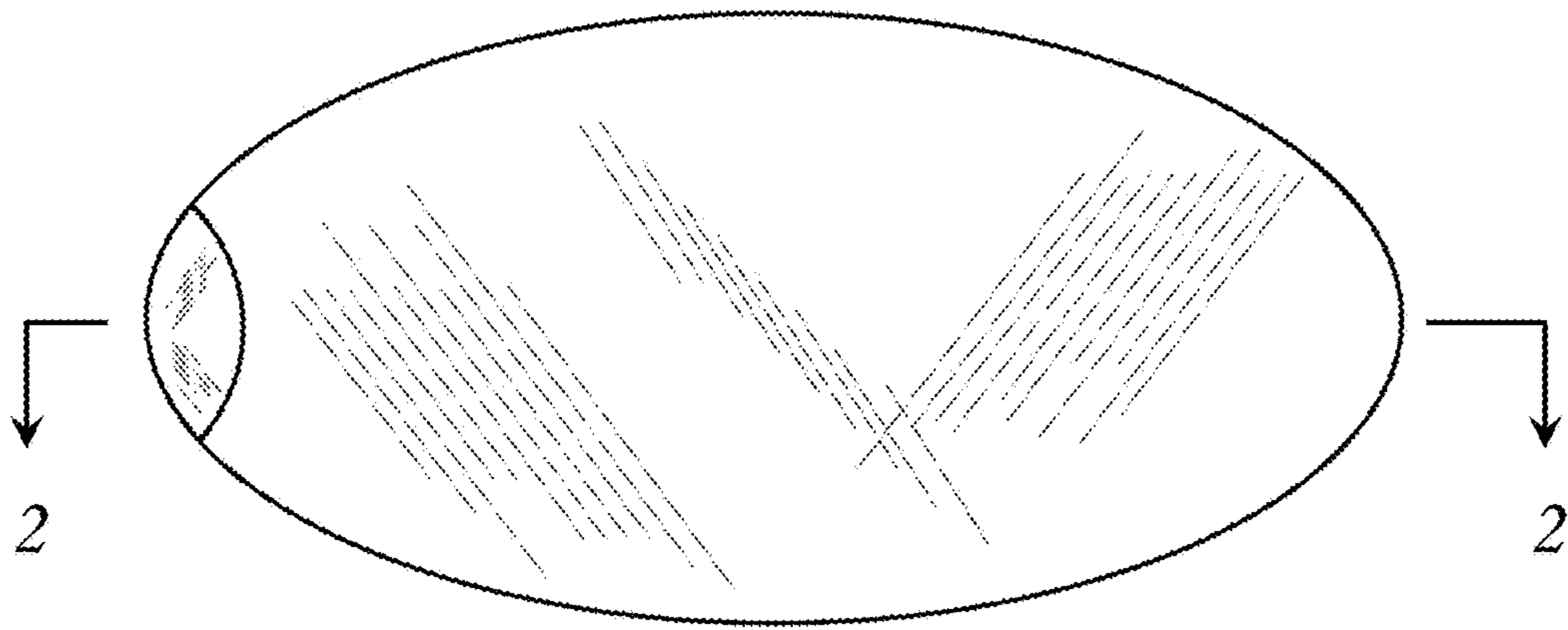


FIG. 1

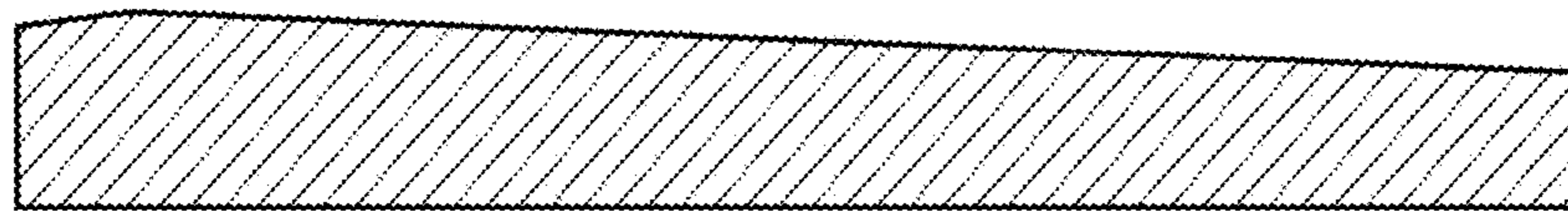
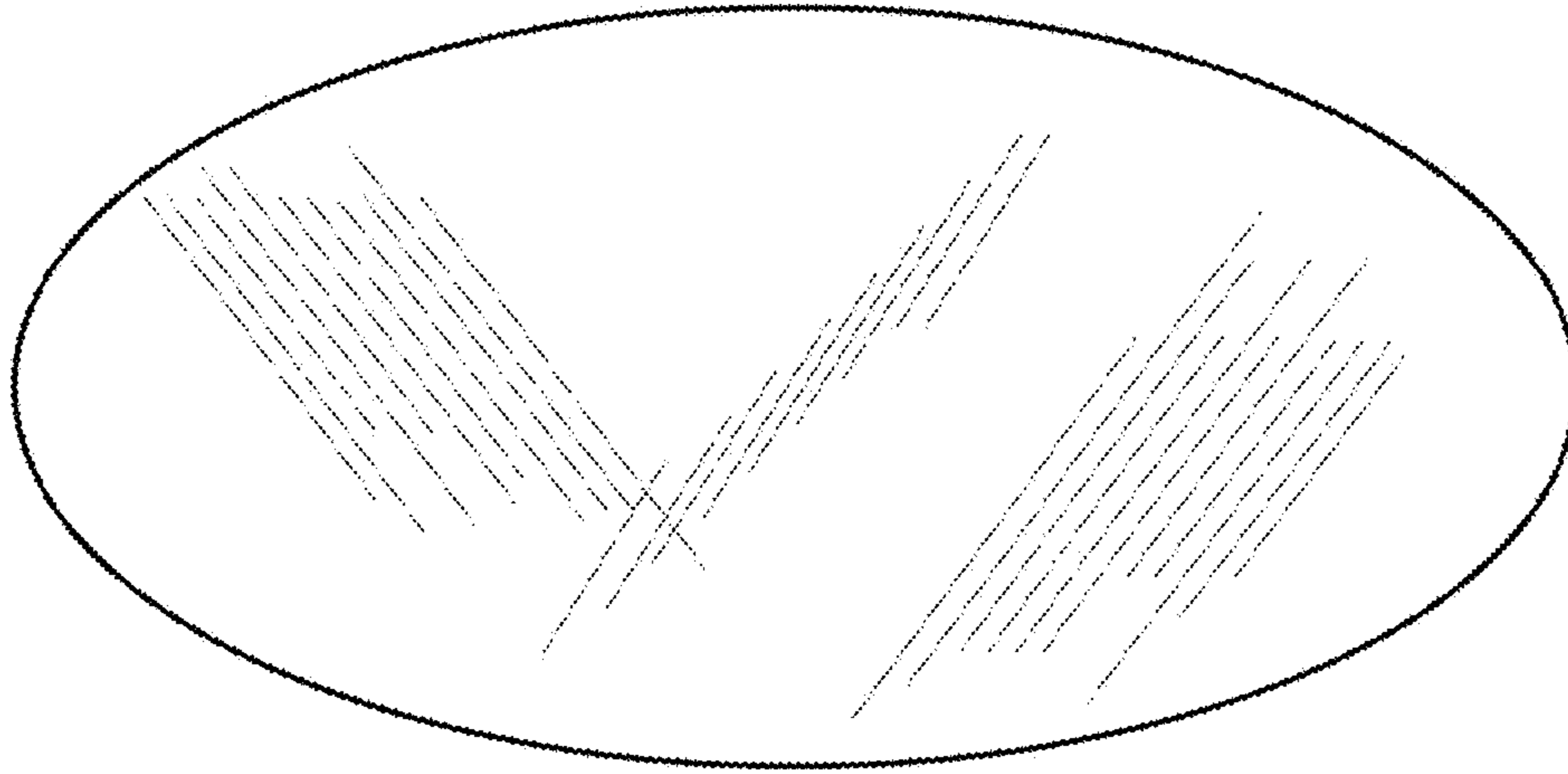
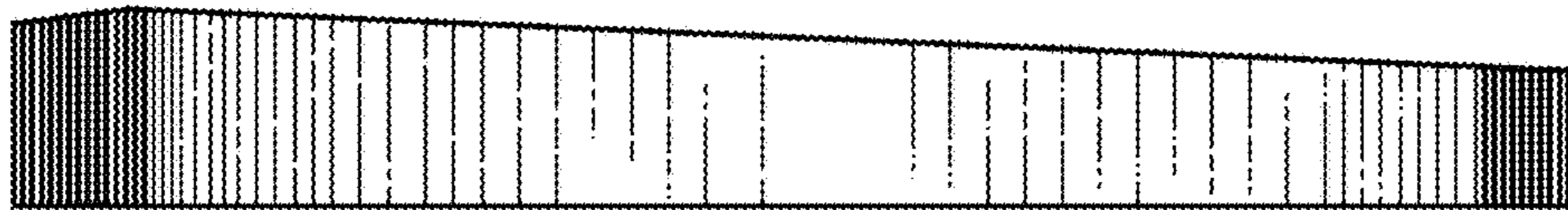


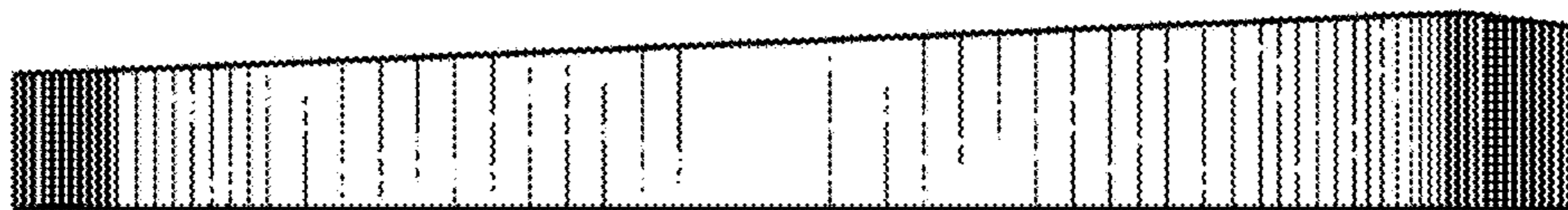
FIG. 2



*FIG. 3*



*FIG. 4*



*FIG. 5*

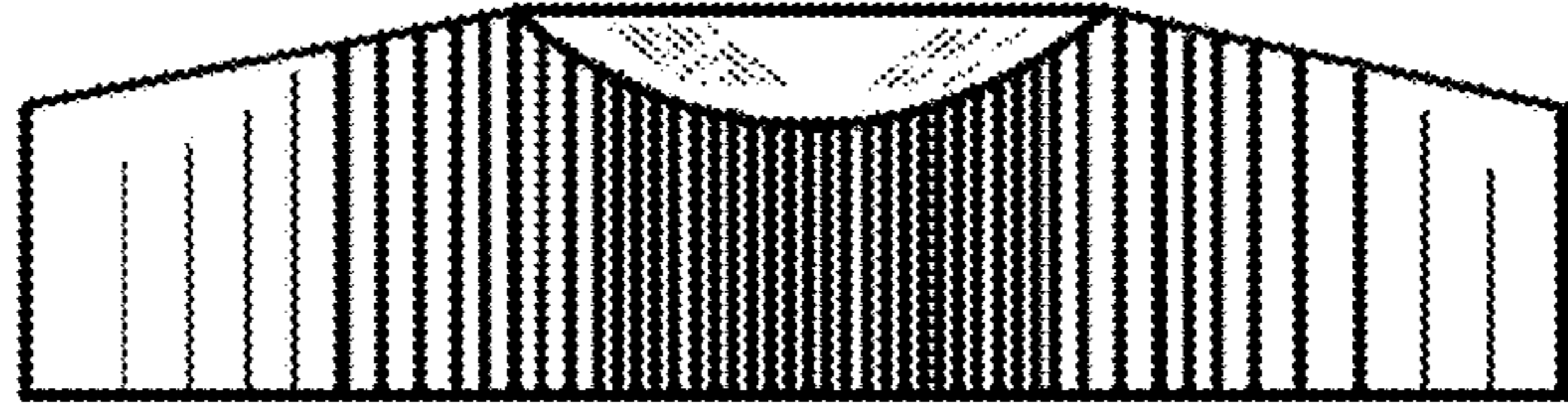


FIG. 6

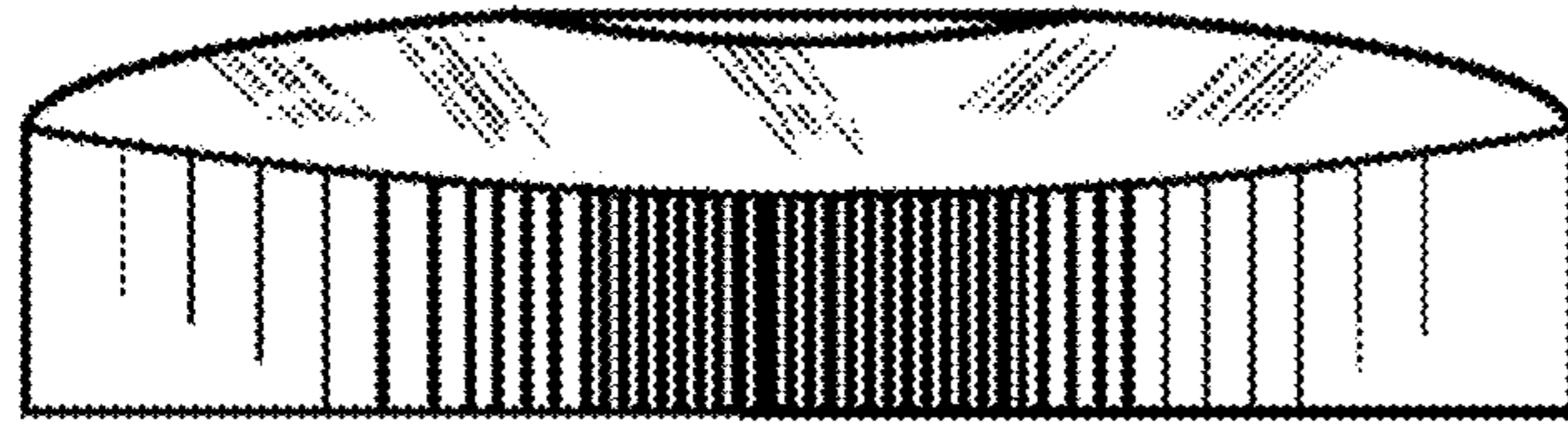


FIG. 7

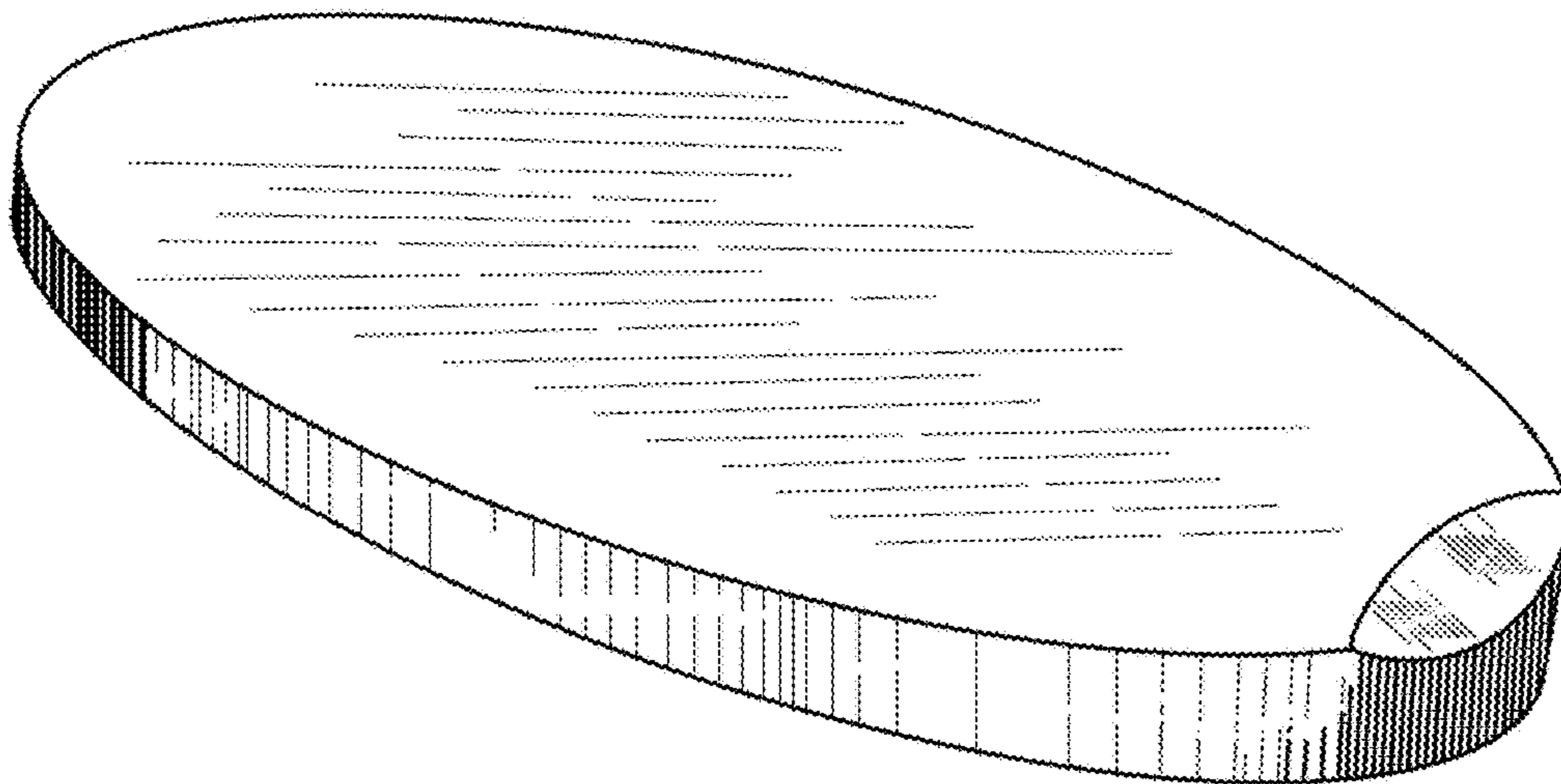


FIG. 8