



US00D856271S

(12) **United States Design Patent** (10) **Patent No.:** **US D856,271 S**  
**Crist et al.** (45) **Date of Patent:** **\*\* Aug. 13, 2019**

(54) **SOLAR CELL**

(57) **CLAIM**

(71) Applicant: **SolAero Technologies Corp.**,  
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The ornamental design for a solar cell, as shown and described.

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**DESCRIPTION**

(73) Assignee: **SolAero Technologies Corp.**,  
Albuquerque, NM (US)

This application is also related to U.S. patent application Ser. No. 29/476,182, filed Dec. 11, 2013, now U.S. Pat. No. D765,590, and its divisional U.S. application Ser. No. 29/566,655, filed Jun. 1, 2016 now U.S. Pat. No. D846,489. FIG. 1 is a top perspective view that illustrates the solar cell showing our new design; FIG. 2 is a top plan view thereof; FIG. 3 is a cross-sectional view through the 3-3 plane shown in FIG. 2; FIG. 4 is a cross-sectional view through the 4-4 plane section in FIG. 2; FIG. 5 is a cross-sectional view through the 5-5 plane shown in FIG. 2; FIG. 6 is a cross-sectional view through the 6-6 plane shown in FIG. 2; FIG. 7 is a cross-sectional view through the 7-7 plane shown in FIG. 2; FIG. 8 is a cross-sectional view through the 8-8 plane shown in FIG. 2; FIG. 9 is a cross-sectional view through the 9-9 plane shown in FIG. 2; FIG. 10 is a cross-sectional view through the 10-10 plane shown in FIG. 2; FIG. 11 is a cross-sectional view through the 11-11 plane shown in FIG. 2; FIG. 12 is a bottom plan view thereof; FIG. 13 is a front side elevation view thereof; FIG. 14 is a left side elevation view thereof; FIG. 15 is a front side elevation view thereof; FIG. 16 is a right side elevation view thereof; and, FIG. 17 is a top plan view of the solar cell in a second embodiment.

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

(21) Appl. No.: **29/566,648**

(22) Filed: **Jun. 1, 2016**

**Related U.S. Application Data**

(62) Division of application No. 29/476,181, filed on Dec. 11, 2013, now Pat. No. Des. 765,024.

(51) **LOC (12) Cl.** ..... **13-02**

(52) **U.S. Cl.**  
USPC ..... **D13/102**

(58) **Field of Classification Search**  
USPC ..... D13/102, 101, 103, 118, 119, 184, 199;  
126/561, 667; 136/206, 244, 251, 291,  
136/292; 438/597

(Continued)

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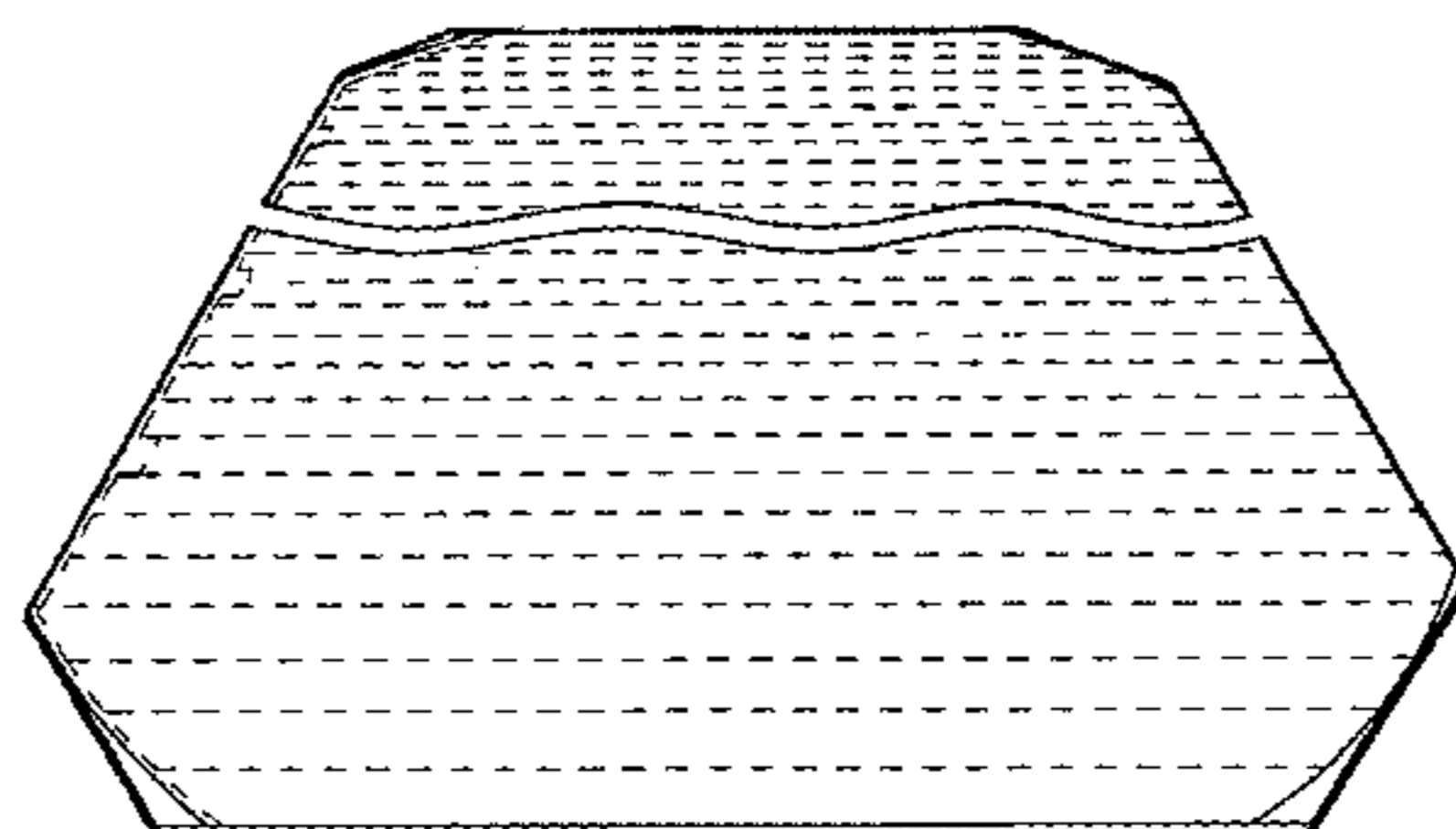
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D670,239 S \* 11/2012 Kannou ..... D13/102

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*Primary Examiner* — Derrick E Holland

*Assistant Examiner* — Jennifer O King

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claimed design. The broken line portion of the figure drawings is included to show portions of the article that form no part of the claimed design.

**1 Claim, 6 Drawing Sheets**

**(58) Field of Classification Search**

CPC ..... Y02E 10/47; Y02E 10/50; Y02E 10/52;  
H02S 20/00; F24J 2/5237; H01L 31/00;  
H01L 31/02002; H01L 31/02008; H01L  
31/042; H01L 31/0508

See application file for complete search history.

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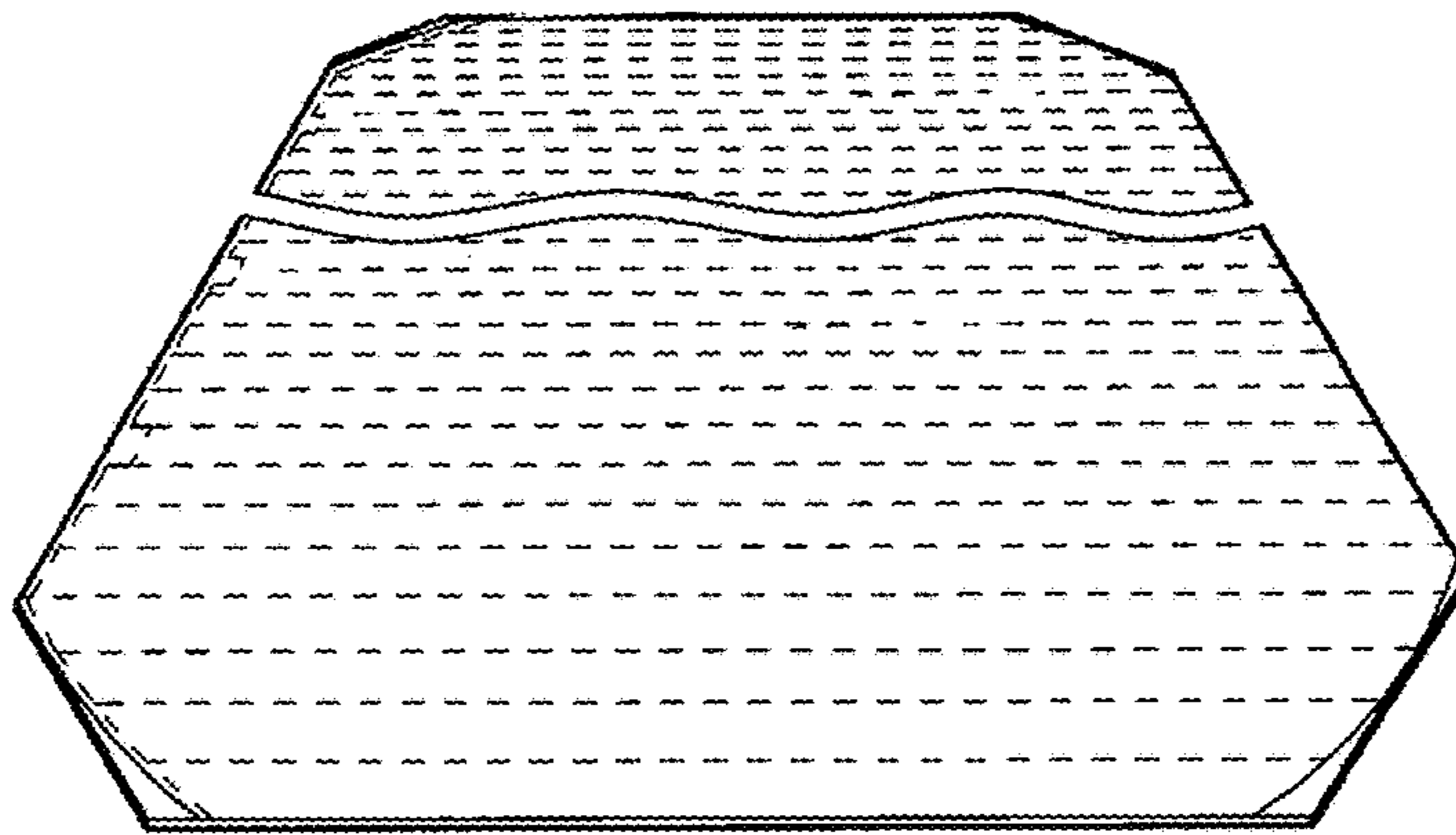


FIG. 1

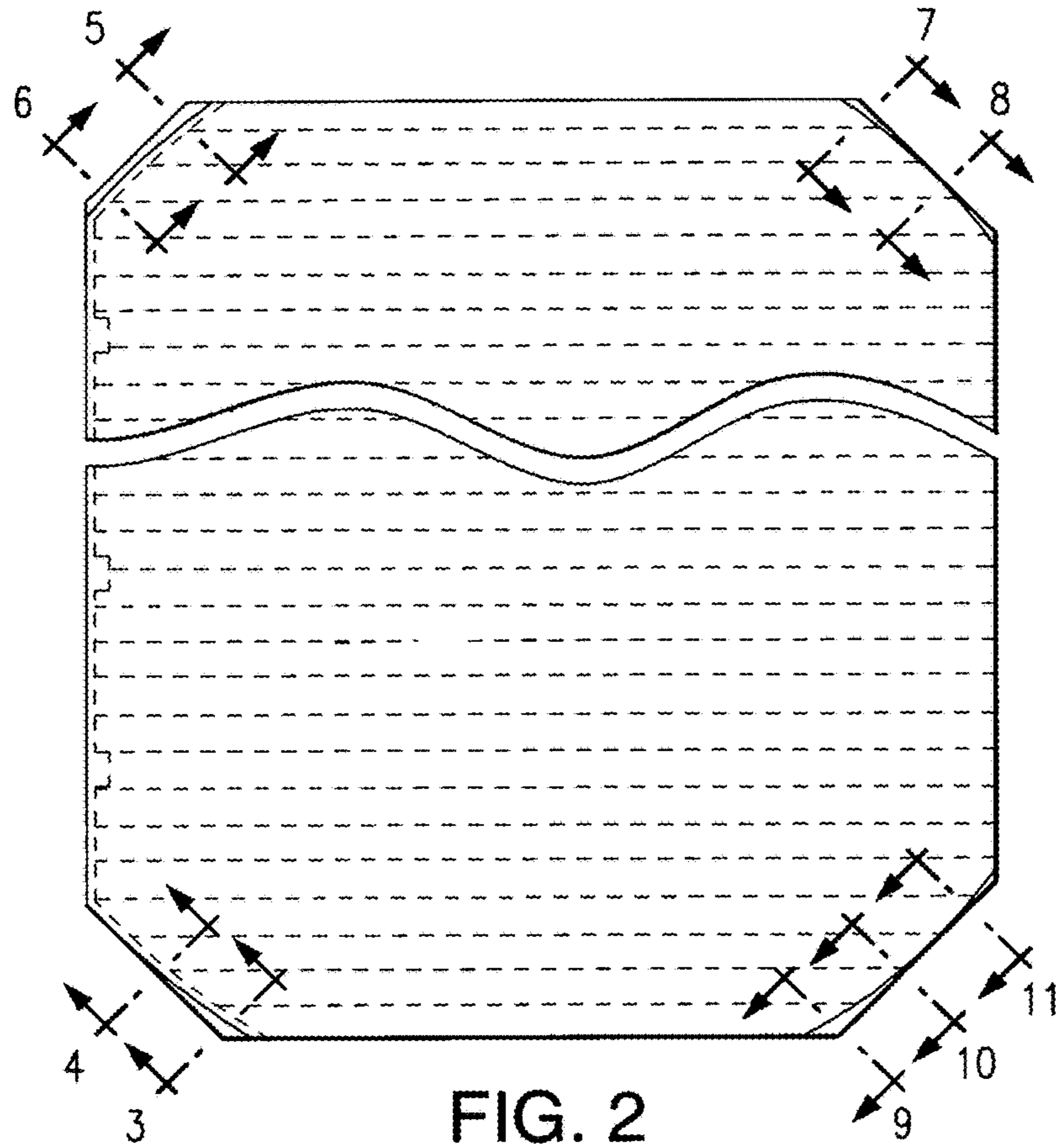


FIG. 2

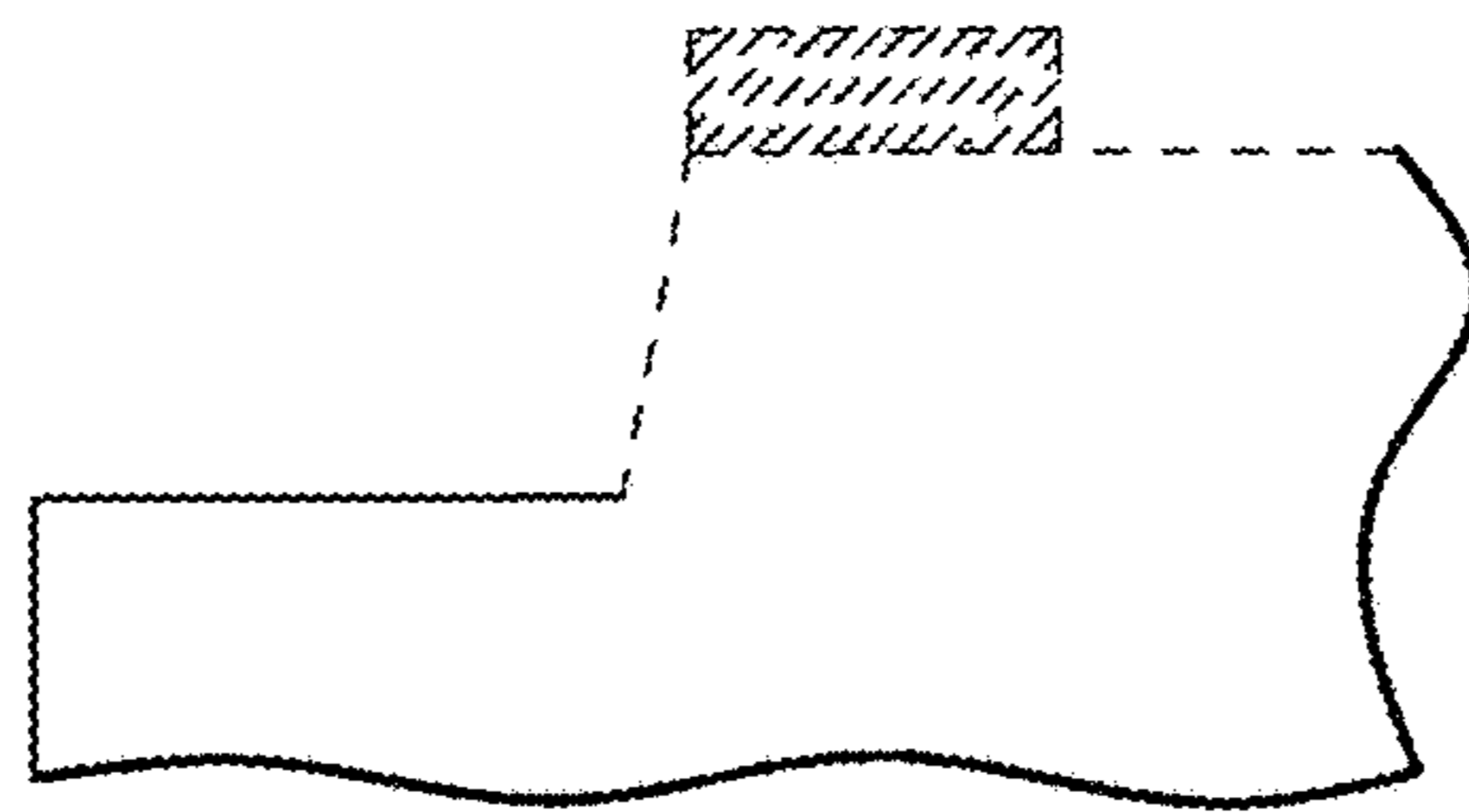


FIG. 3

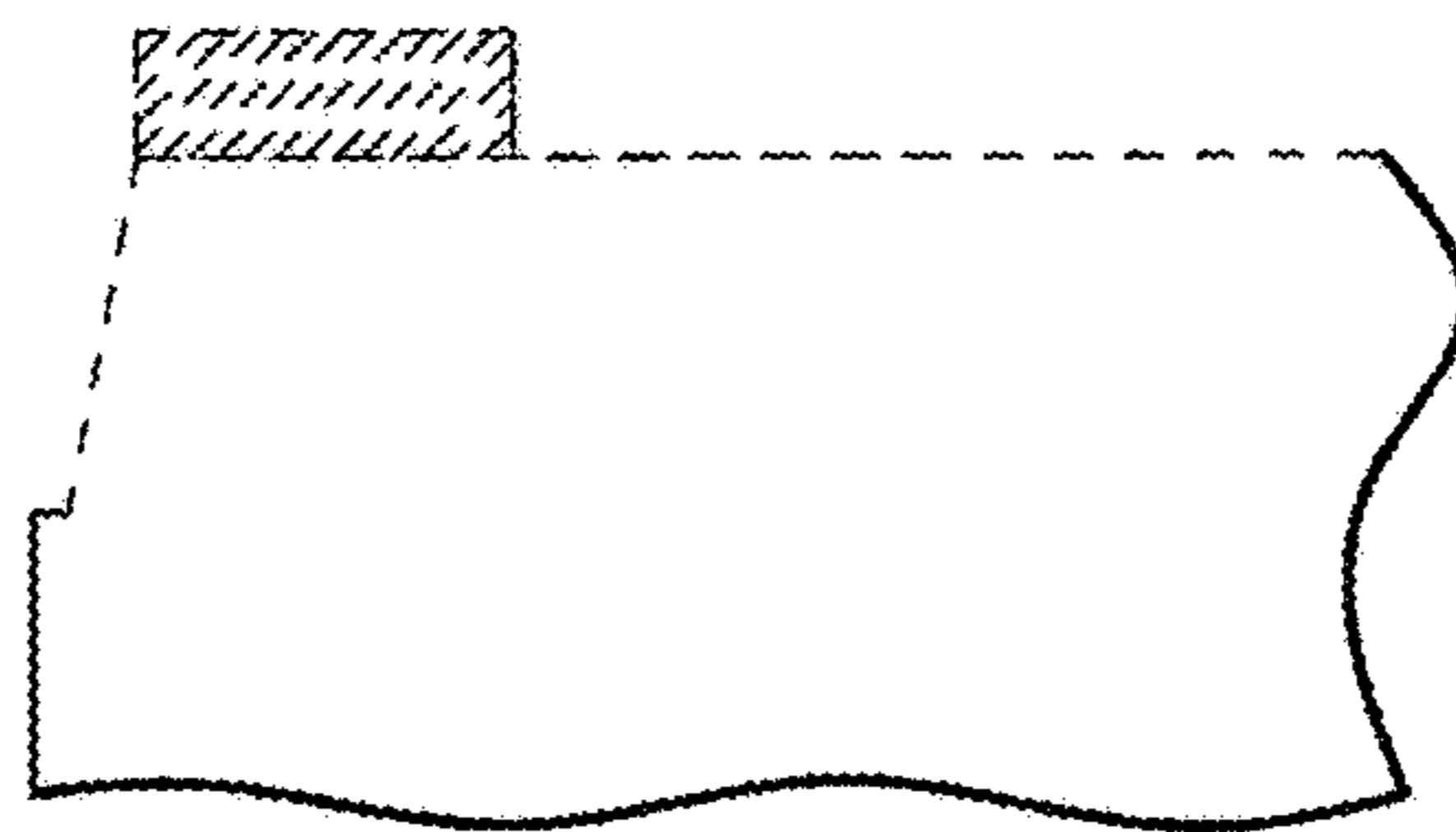


FIG. 4

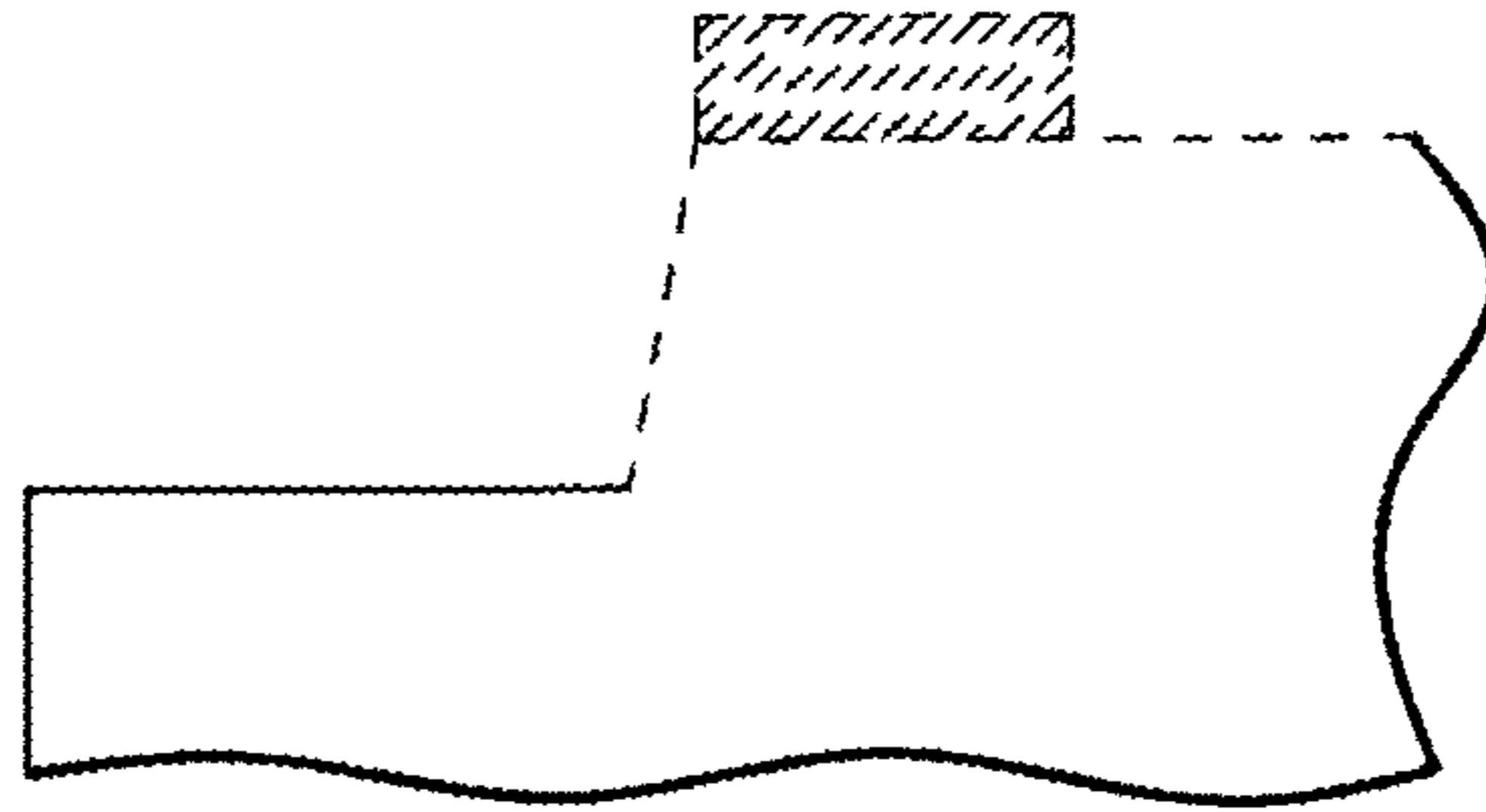


FIG. 5

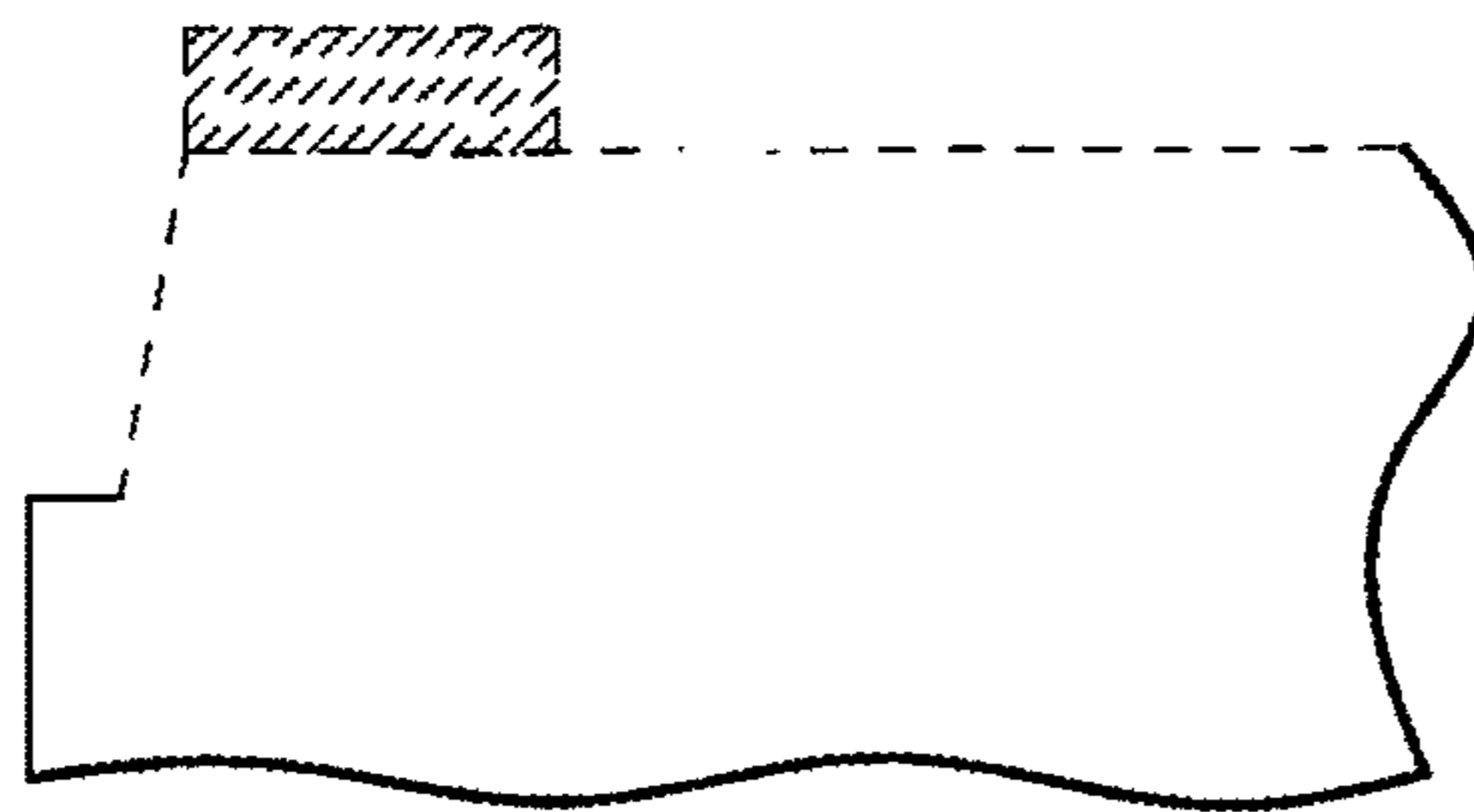


FIG. 6

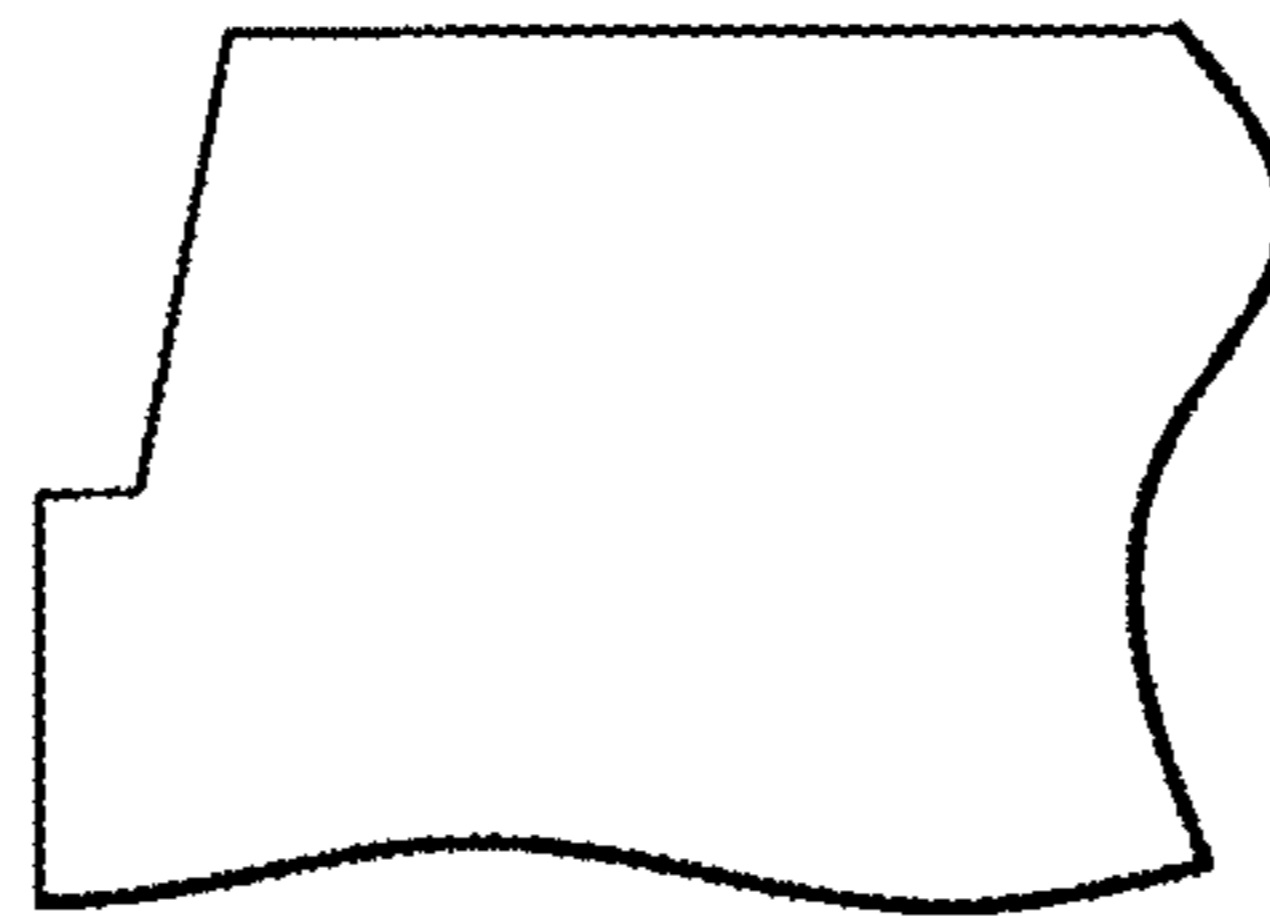


FIG. 7



FIG. 8

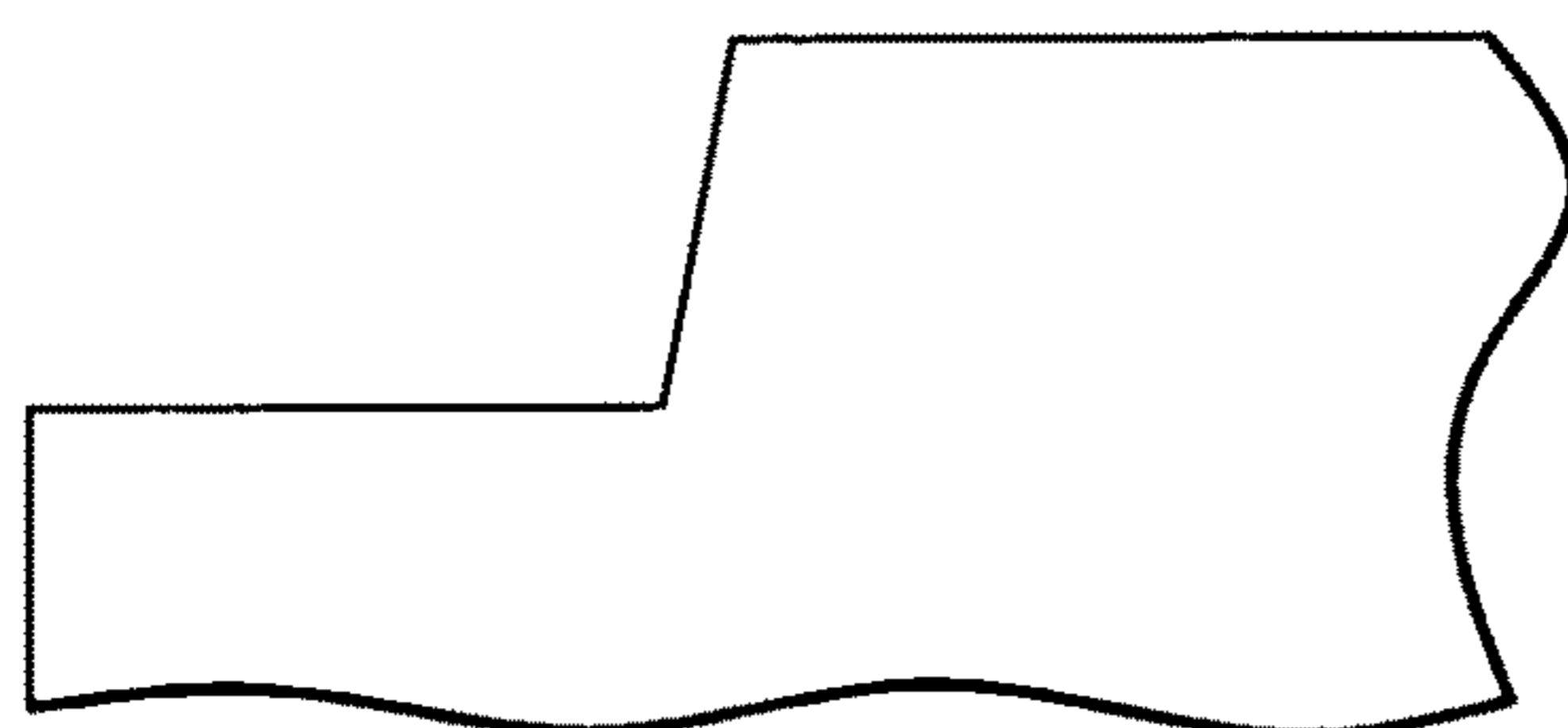


FIG. 9

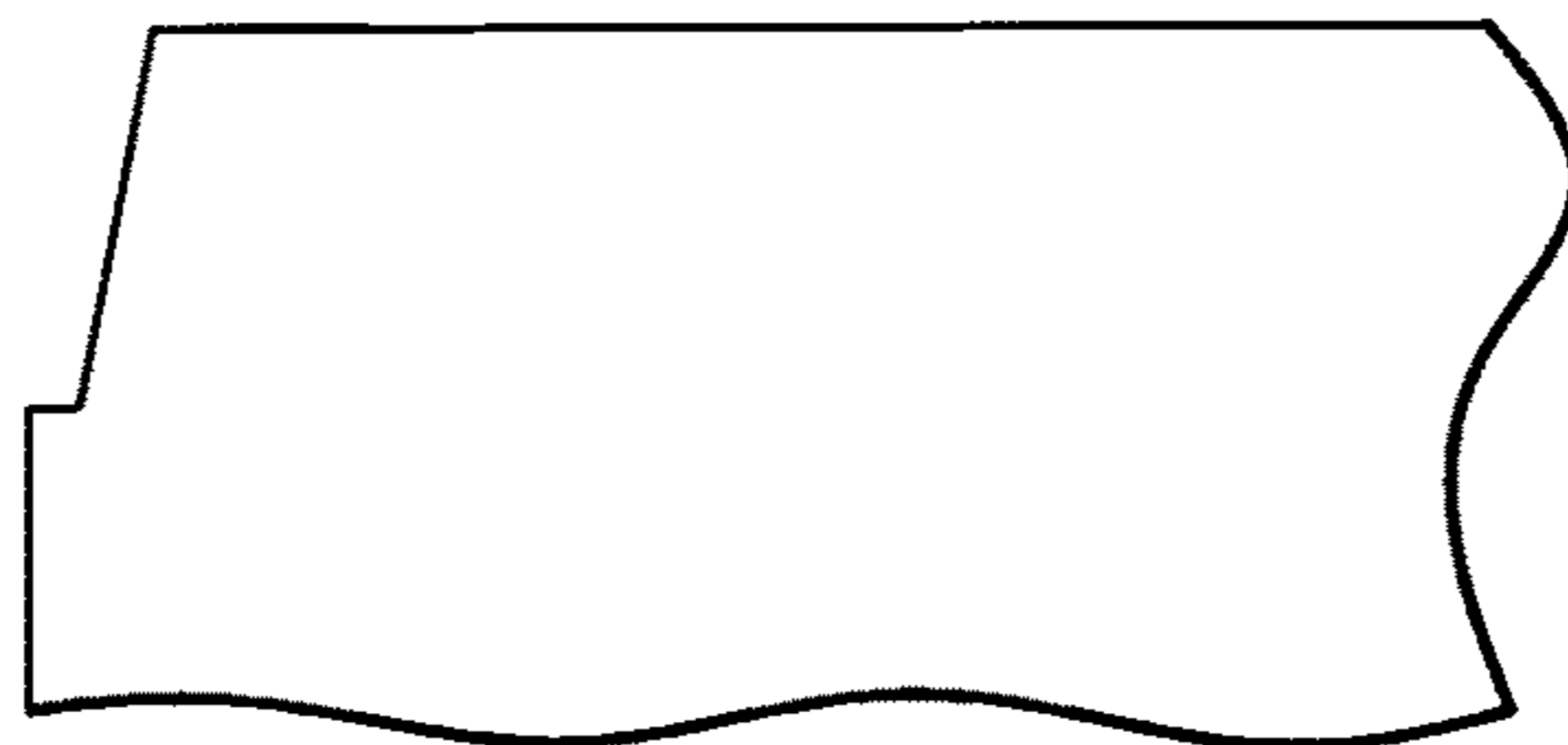


FIG. 10

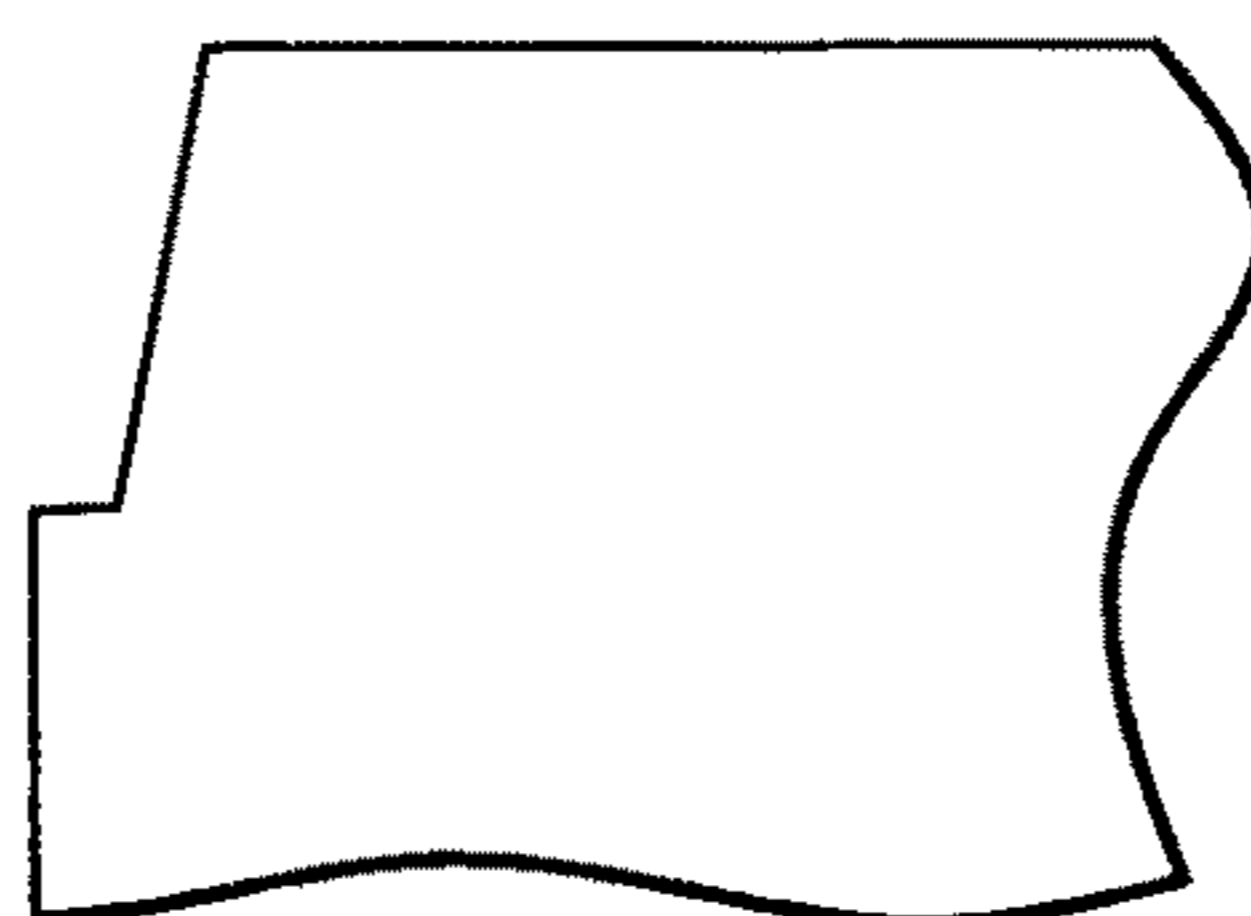


FIG. 11

FIG. 13

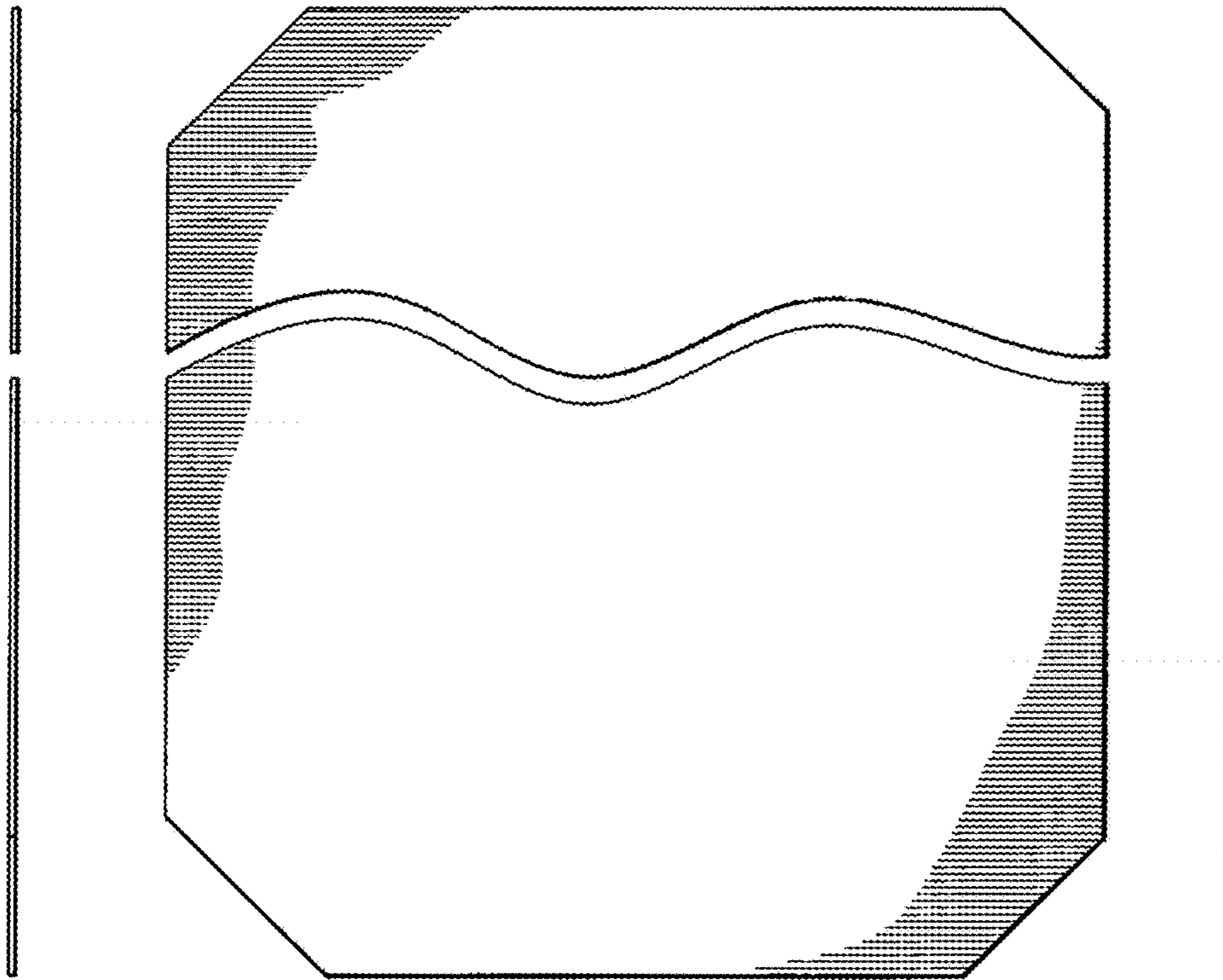


FIG. 14

FIG. 12

FIG. 16

FIG. 15

