

US00D856272S

(12) **United States Design Patent** (10) **Patent No.:** **US D856,272 S**  
**McCall et al.** (45) **Date of Patent:** **\*\* Aug. 13, 2019**

(54) **FLEXIBLE INTERCONNECTING MEMBER FOR SOLAR CELLS**

(56) **References Cited**

U.S. PATENT DOCUMENTS

(71) Applicant: **SolAero Technologies Corp.**,  
Albuquerque, NM (US)  
(72) Inventors: **Eric Chase McCall**, Albuquerque, NM  
(US); **Jeffrey Steinfeldt**, Rio Rancho,  
NM (US); **Daniel Aiken**, Cedar Crest,  
NM (US)  
(73) Assignee: **SolAero Technologies Corp.**,  
Albuquerque, NM (US)

6,359,209 B1 \* 3/2002 Glenn ..... H01L 31/0508  
136/244  
D665,339 S \* 8/2012 Tourino ..... D13/102  
D777,659 S \* 1/2017 Tourino ..... D13/102  
D777,660 S \* 1/2017 Tourino ..... D13/102  
D780,110 S \* 2/2017 Yang ..... D13/102  
D816,602 S \* 5/2018 Tourino ..... D13/102  
D816,603 S \* 5/2018 Tourino ..... D13/102  
2007/0079863 A1 \* 4/2007 Stan ..... H01L 31/022425  
136/244  
2017/0040479 A1 \* 2/2017 Tourino ..... H01L 31/044

\* cited by examiner

*Primary Examiner* — Derrick E Holland

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

(57) **CLAIM**

(21) Appl. No.: **29/649,999**

The ornamental design for a flexible interconnecting member for solar cells, as shown and described.

(22) Filed: **Jun. 4, 2018**

**DESCRIPTION**

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

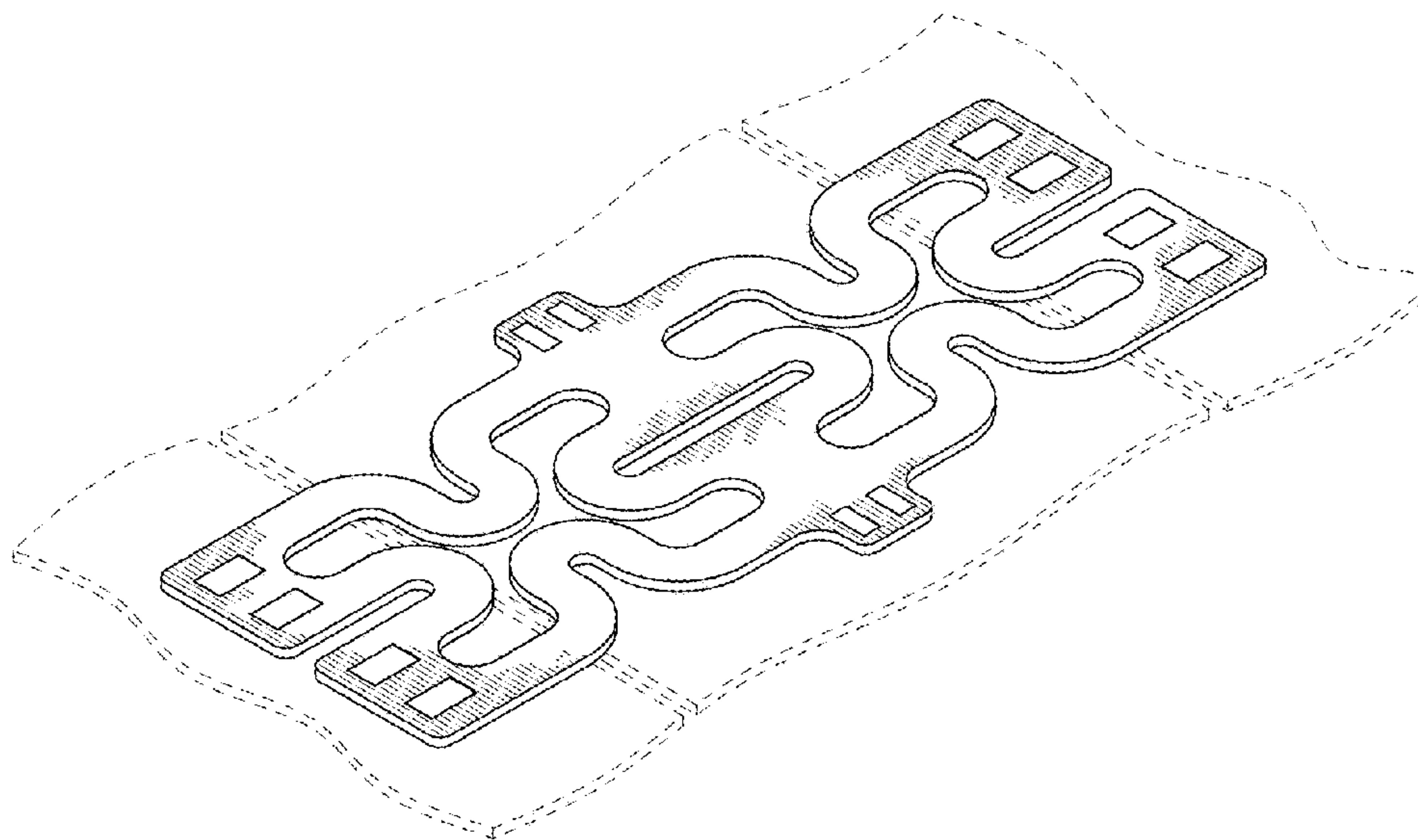
(52) **U.S. Cl.**  
USPC ..... **D13/102**

(58) **Field of Classification Search**  
USPC ..... D13/102, 101, 103, 118, 119, 184, 199;  
126/561, 667; 136/206, 244–251, 256,  
136/291, 292; 438/597  
CPC ..... H01L 31/05; H01L 31/044; H01L 31/048;  
H01L 31/0504; H01L 31/0508; H01L  
31/0687; Y02E 10/47; Y02E 10/50; Y02E  
10/52; Y02E 10/544; Y02P 70/521; H02S  
20/00

FIG. 1 is a top perspective view of a flexible interconnecting member for solar cells showing our new design;  
FIG. 2 is a top plan view thereof;  
FIG. 3 is a bottom plan view thereof;  
FIG. 4 is a front elevation view thereof, the rear elevation view being a mirror image; and,  
FIG. 5 is a right side elevation view thereof, the left side elevation view being a mirror image.  
The broken lines shown represent environmental structure and form no part of the claimed design.

See application file for complete search history.

**1 Claim, 3 Drawing Sheets**



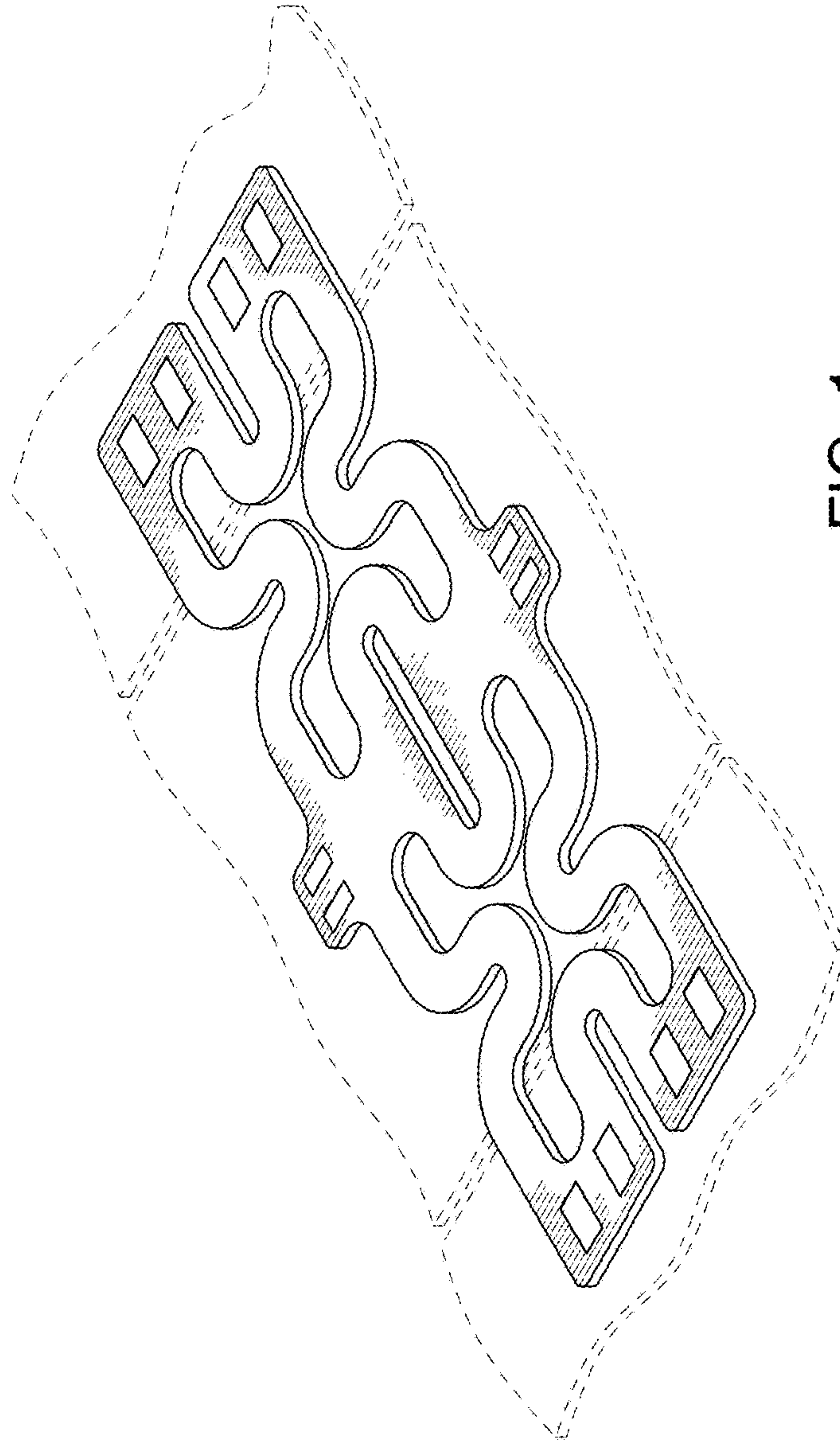


FIG. 1

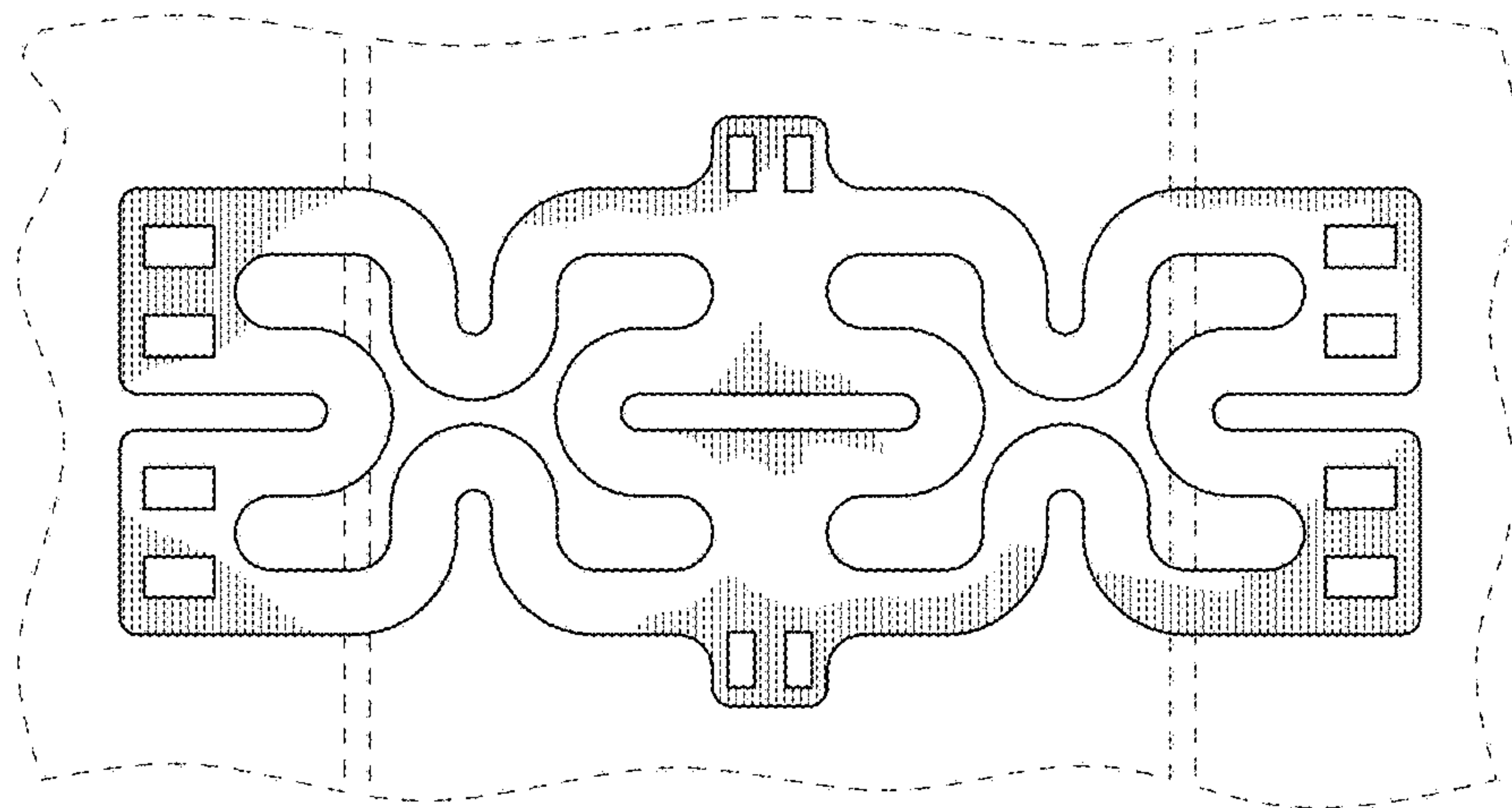


FIG. 2

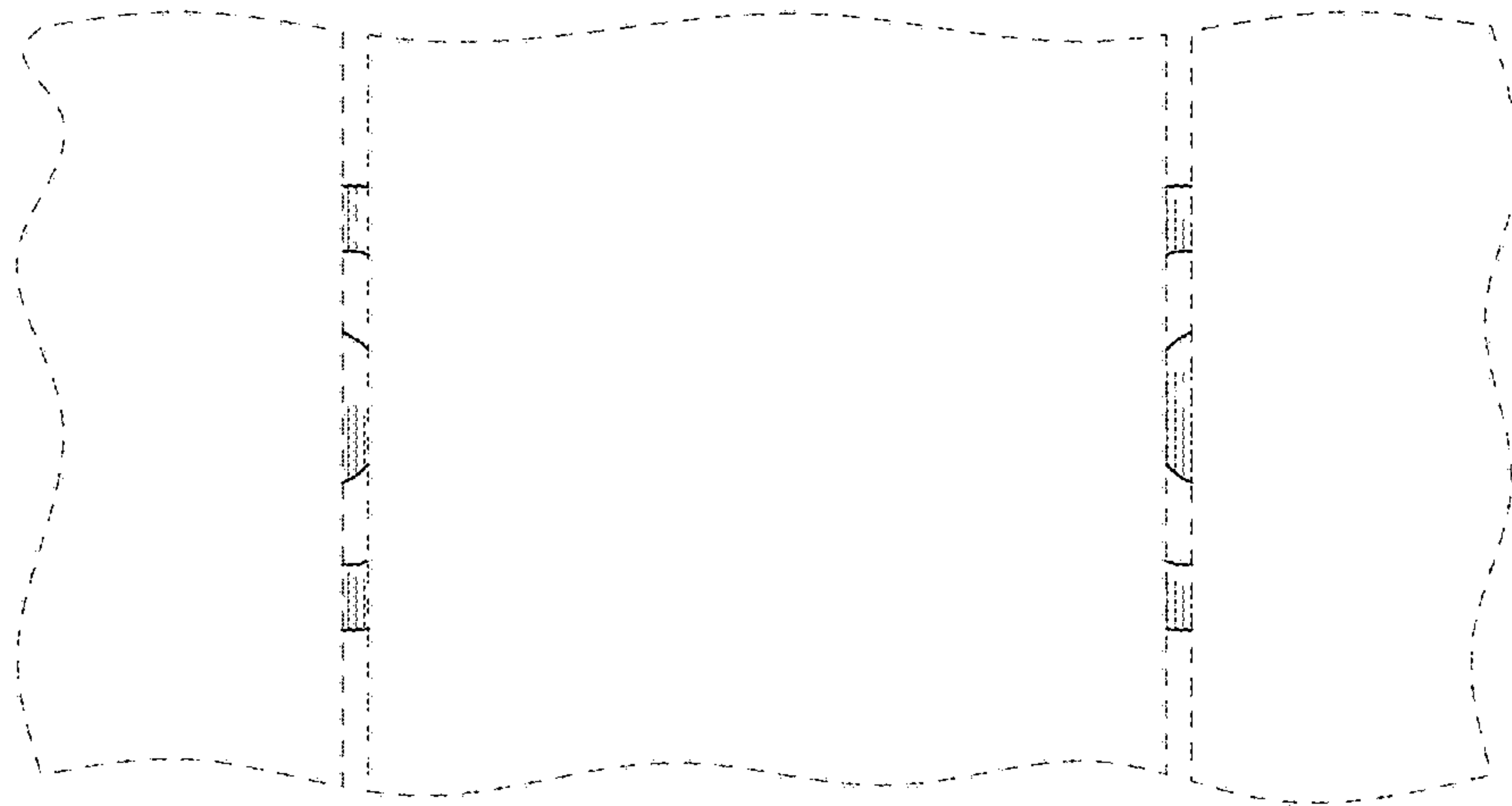


FIG. 3

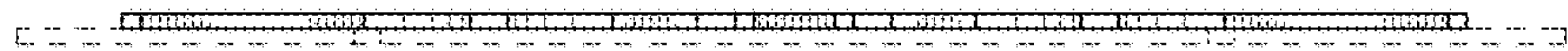


FIG. 4

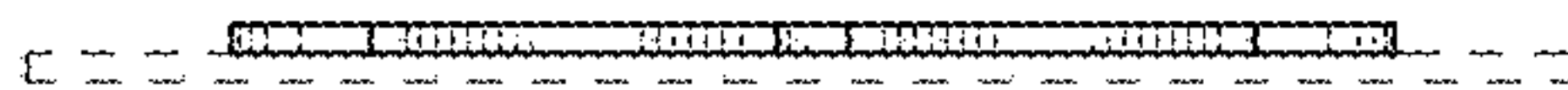


FIG. 5