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(12) **United States Design Patent** (10) **Patent No.:** **US D845,889 S**
Guzie et al. (45) **Date of Patent:** **** Apr. 16, 2019**

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

6,359,209 B1 3/2002 Glenn et al.
7,732,705 B2 6/2010 Stan et al.
D665,338 S * 8/2012 Tourino D13/102
D665,339 S * 8/2012 Tourino D13/102

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(Continued)

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FOREIGN PATENT DOCUMENTS

JP 2002-343994 A 11/2002
KR 2010-0135515 A 12/2010

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OTHER PUBLICATIONS

European Search Report for EP Patent Application No. 16154931.6,
dated Dec. 14, 2016, 8 pages.

Primary Examiner — Daniel D Bui

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

(57) **CLAIM**

(21) Appl. No.: **29/633,778**

The ornamental design for a flexible interconnecting mem-
ber for solar cells, as shown and described.

(22) Filed: **Jan. 16, 2018**

(51) **LOC (11) Cl.** **13-02**

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

(58) **Field of Classification Search**
USPC D13/101, 102, 103, 104, 105, 106, 118,
D13/184, 199
CPC H01L 31/00; H01L 31/02; H01L 31/042;
H01L 31/045; H01L 31/046; H01L
31/048; H01L 31/05; H01L 31/052; H01L
31/0525; H01L 31/044; H02S 30/00;
H02S 20/10; H02S 20/23; H02S 20/30;
H02S 40/34; H02S 40/44; H02S 30/10;
F24J 2/52; F03G 6/00

DESCRIPTION

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 right side elevation view thereof;
FIG. 5 is a left side elevation view thereof;
FIG. 6 is a front elevation view thereof;
FIG. 7 is a rear elevation view thereof;
FIG. 8 is a top perspective view thereof, in use condition;
FIG. 9 is a bottom plan view thereof, in use condition;
FIG. 10 is another top plan view thereof, in use condition;
FIG. 11 is a right side elevation view thereof;
FIG. 12 is a left side elevation view thereof;
FIG. 13 is a front elevation view thereof; and,
FIG. 14 is a rear elevation view thereof.

See application file for complete search history.

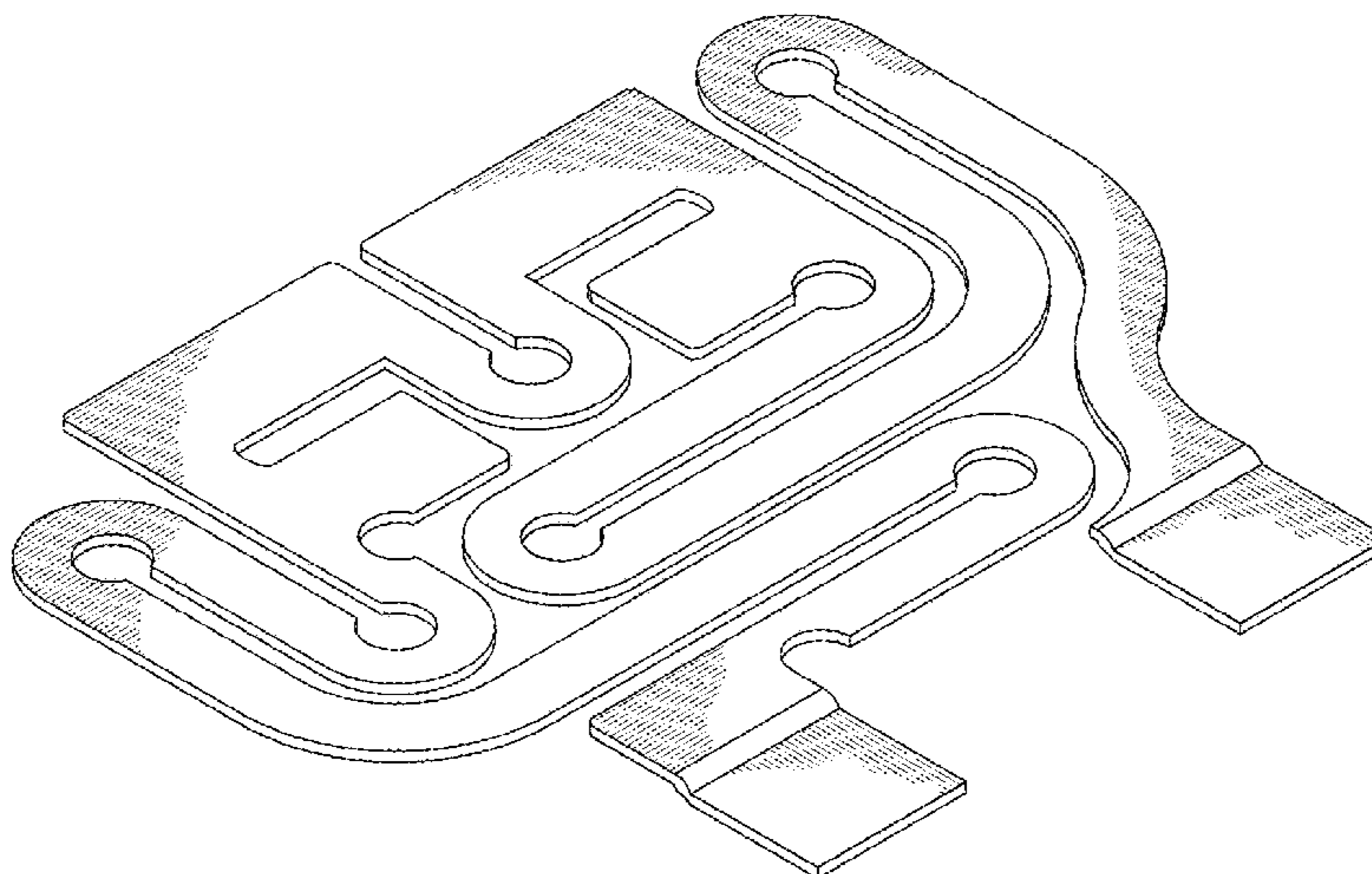
The broken line in the drawing views represents unclaimed
environment only and forms no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

6,034,322 A 5/2000 Pollard
6,278,054 B1 8/2001 Ho et al.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

8,802,479	B2	8/2014	Pearce et al.	
9,102,422	B2	8/2015	Tourino	
9,153,721	B1	10/2015	Tourino	
D777,099	S	1/2017	Yang	
D777,659	S *	1/2017	Tourino D13/102
D777,660	S *	1/2017	Tourino D13/102
D780,110	S	2/2017	Yang	
D816,602	S *	5/2018	Tourino D13/102
D816,603	S *	5/2018	Tourino D13/102
2007/0079863	A1	4/2007	Stan et al.	
2012/0234388	A1	9/2012	Stancel et al.	
2014/0124014	A1	5/2014	Morad et al.	
2017/0040479	A1	2/2017	Tourino et al.	

* cited by examiner

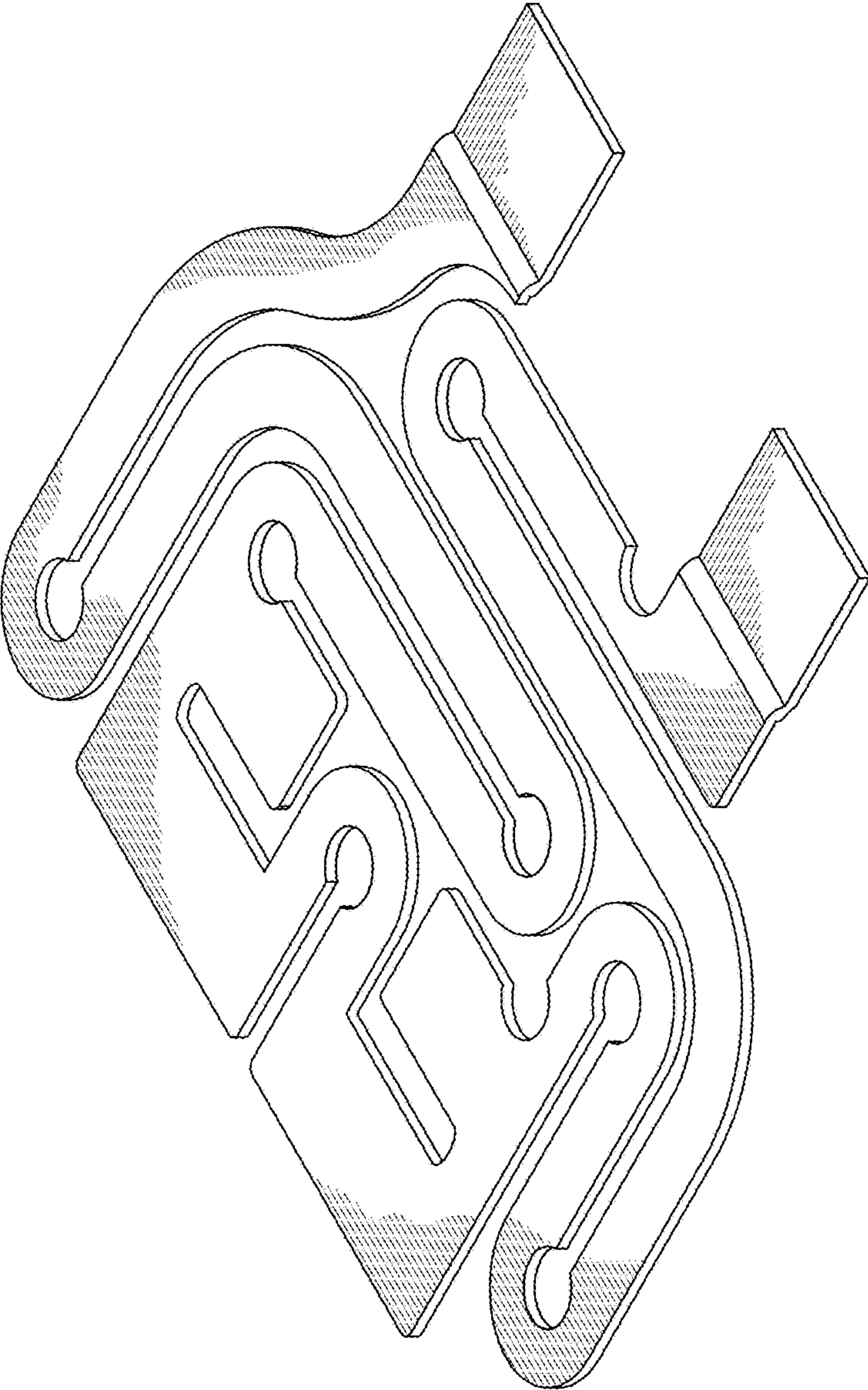


FIG. 1

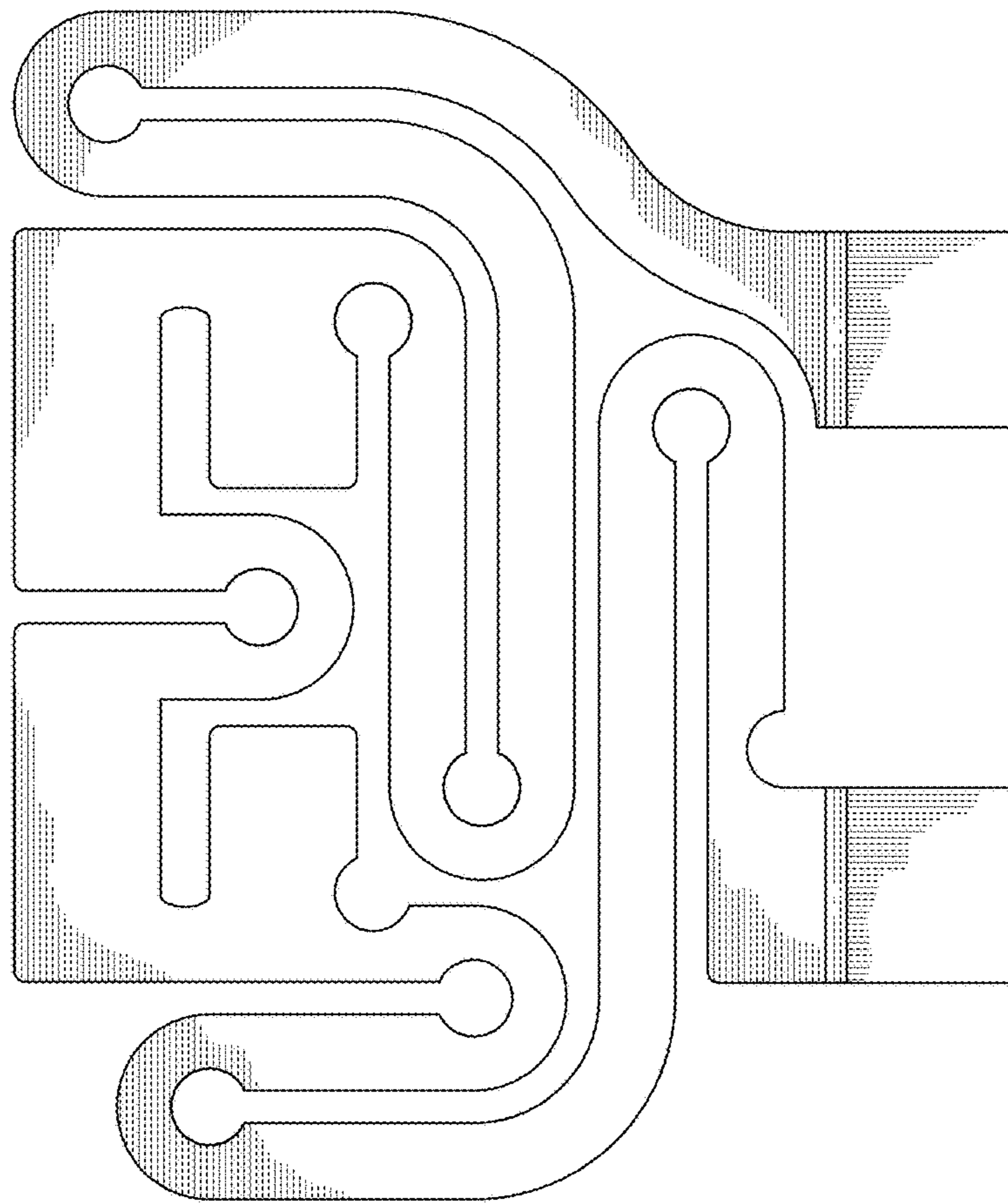


FIG. 2

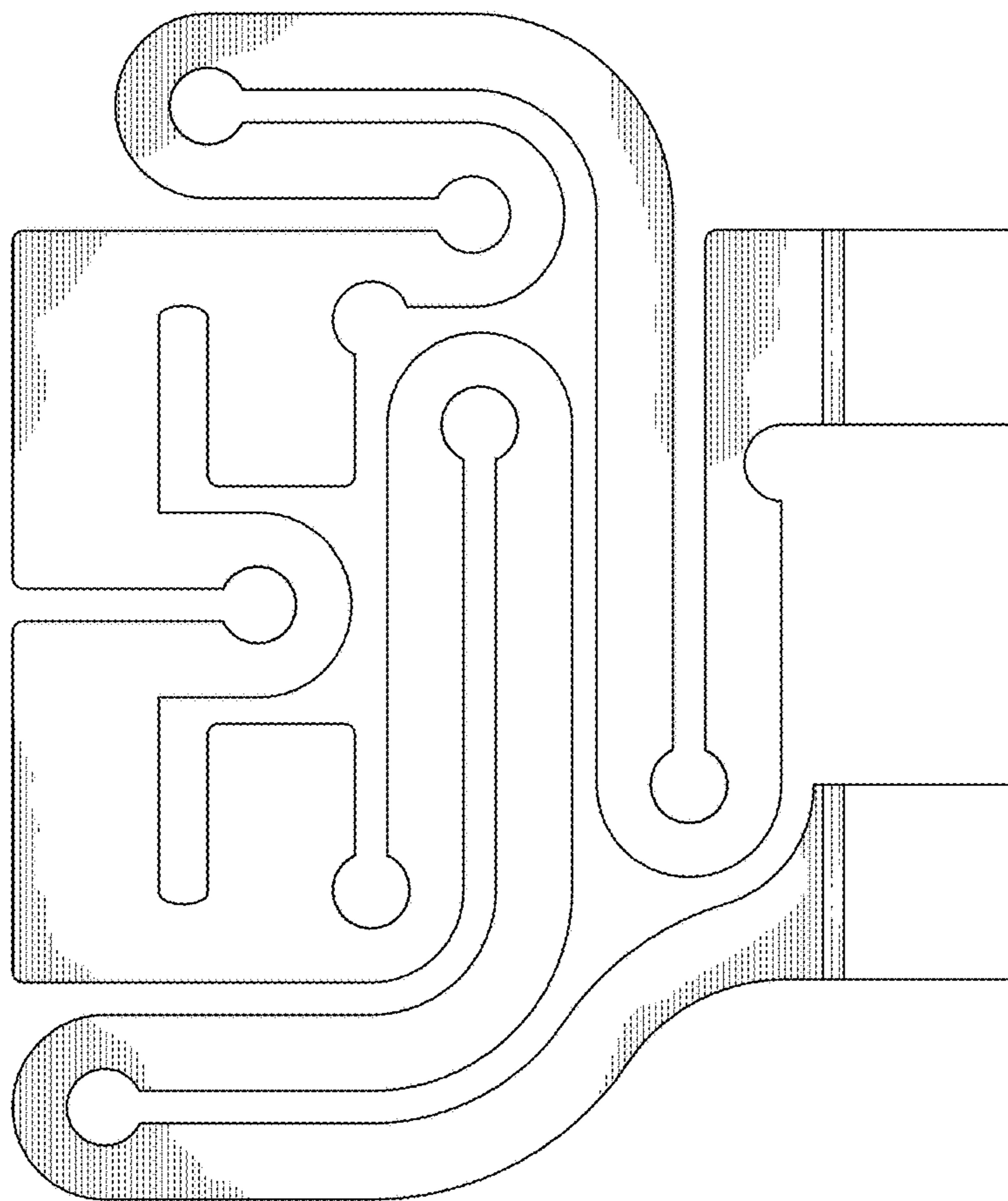


FIG. 3

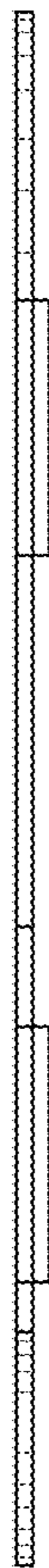


FIG. 4



FIG. 5

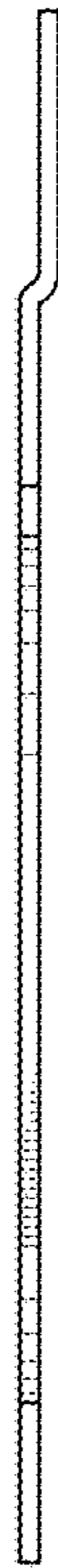


FIG. 6

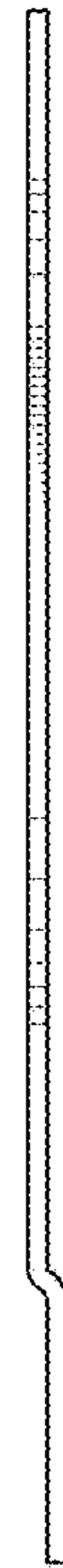


FIG. 7

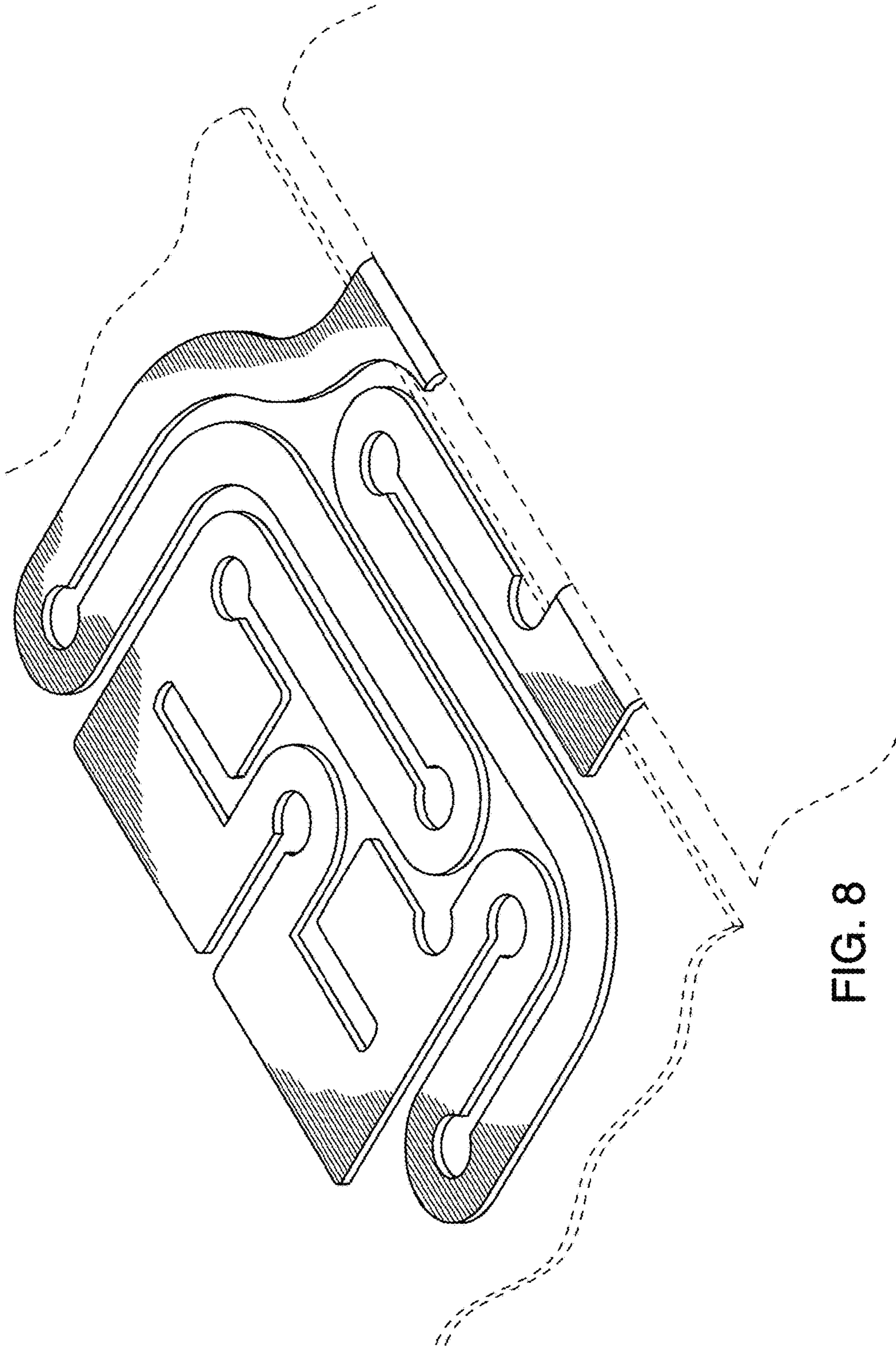


FIG. 8

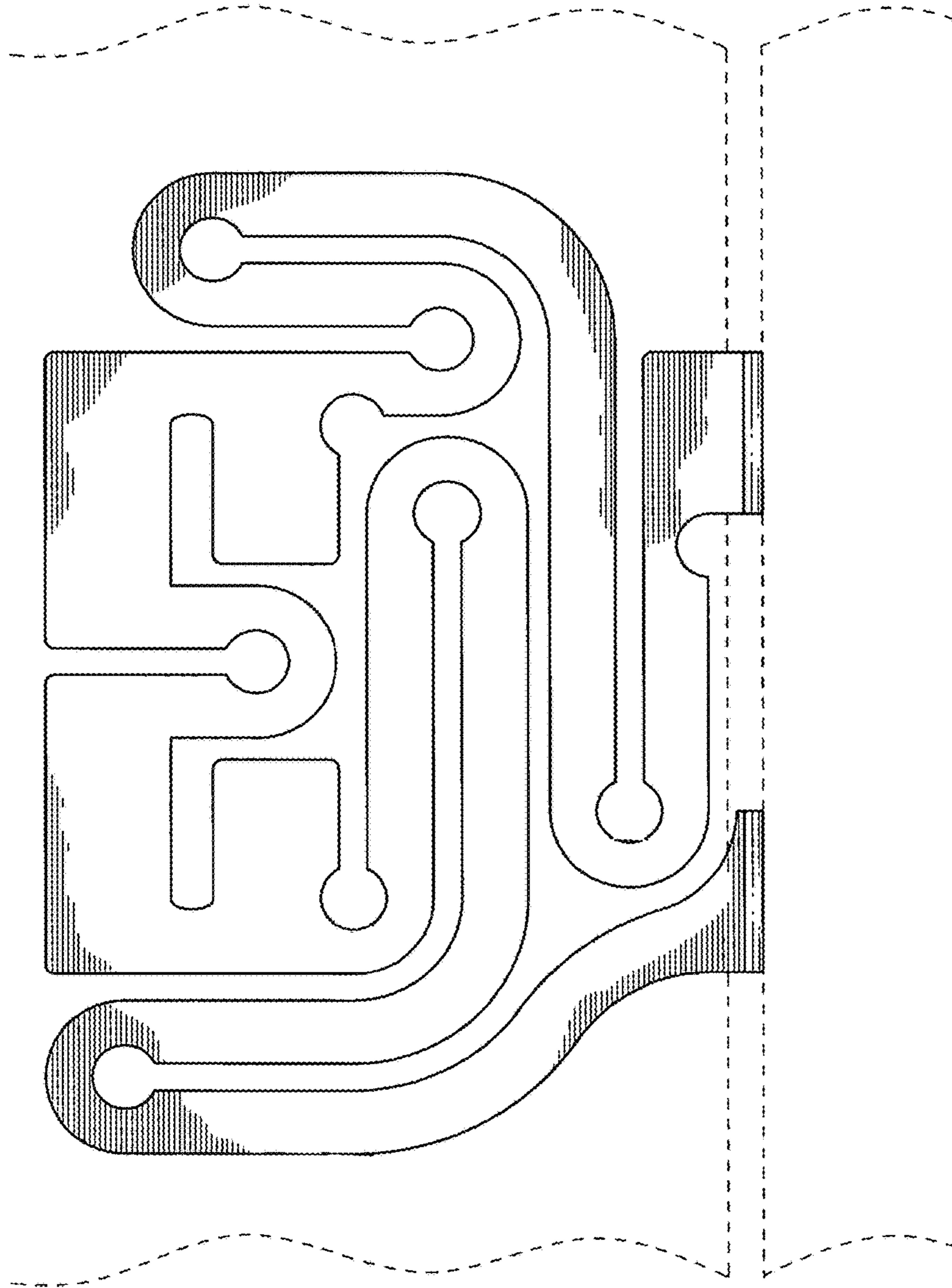


FIG. 9

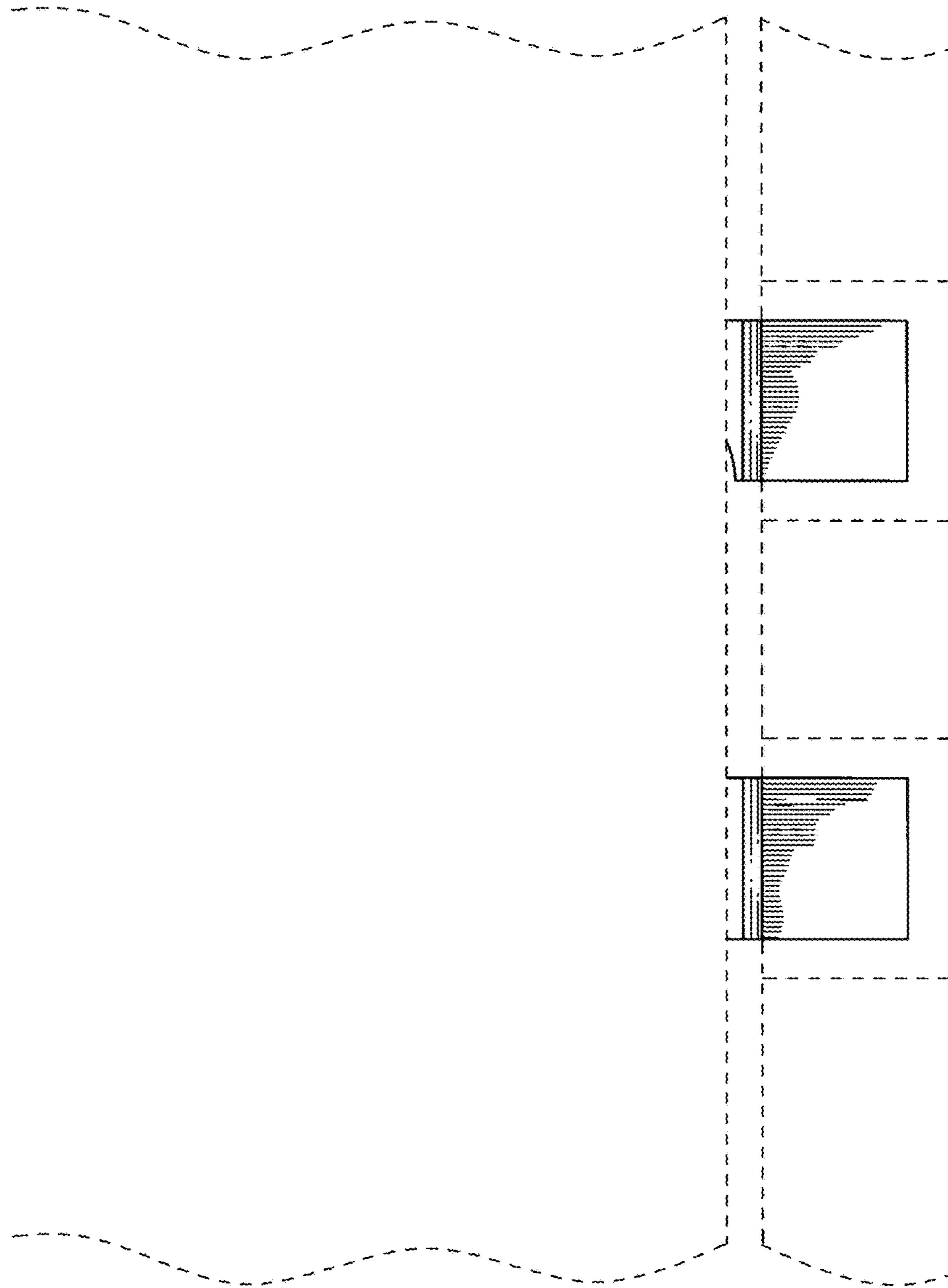


FIG. 10



FIG. 11

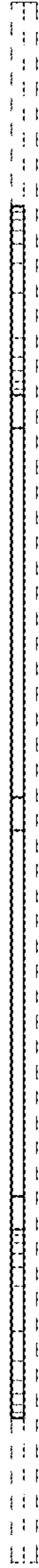


FIG. 12

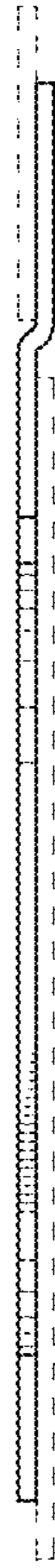


FIG. 13

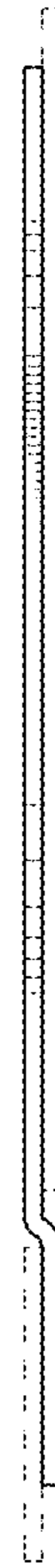


FIG. 14