



US00D786838S

(12) **United States Design Patent** (10) **Patent No.:** **US D786,838 S**  
**Chang et al.** (45) **Date of Patent:** **\*\* May 16, 2017**

(54) **ANTENNA**

(71) Applicant: **Airgain Incorporated**, San Diego, CA (US)

(72) Inventors: **Wei Chang**, Zhang Jia Gang (CN); **Meng Zhang**, Zhang Jia Gang (CN)

(73) Assignee: **Airgain Incorporated**, San Diego, CA (US)

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

(21) Appl. No.: **29/549,599**

(22) Filed: **Dec. 27, 2015**

(51) **LOC (10) Cl.** ..... **14-03**

(52) **U.S. Cl.**  
USPC ..... **D14/230**

(58) **Field of Classification Search**  
USPC ..... D14/138, 230–238.1, 299, 358; D13/182  
CPC ..... H01L 33/48; H01L 33/486; H01L 23/02;  
H05K 5/00; H01Q 13/10  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

- 6,081,242 A \* 6/2000 Wingo ..... H01Q 1/242  
333/32
- D588,116 S \* 3/2009 Martinez ..... D14/230
- D588,587 S \* 3/2009 Hellgren ..... D14/230
- D609,224 S \* 2/2010 Yang ..... D14/230
- D692,870 S \* 11/2013 He ..... D14/230

- D698,764 S \* 2/2014 Zeng ..... D14/230
- 2008/0198089 A1 \* 8/2008 Hsiao ..... H01Q 1/38  
343/850
- 2010/0253580 A1 \* 10/2010 Yan ..... H01Q 1/38  
343/700 MS

**OTHER PUBLICATIONS**

- <http://airgain.com/our-services/embedded-antennas/>—Retrieved Dec. 17, 2016.\*
- <http://www.fyxkj.com/EN/contents/35/462.html>—Retrieved Dec. 19, 2016.\*

\* cited by examiner

*Primary Examiner* — Manpreet Matharu  
*Assistant Examiner* — Mojtaba Tehrani  
(74) *Attorney, Agent, or Firm* — Clause Eight IPS;  
Michael Catania

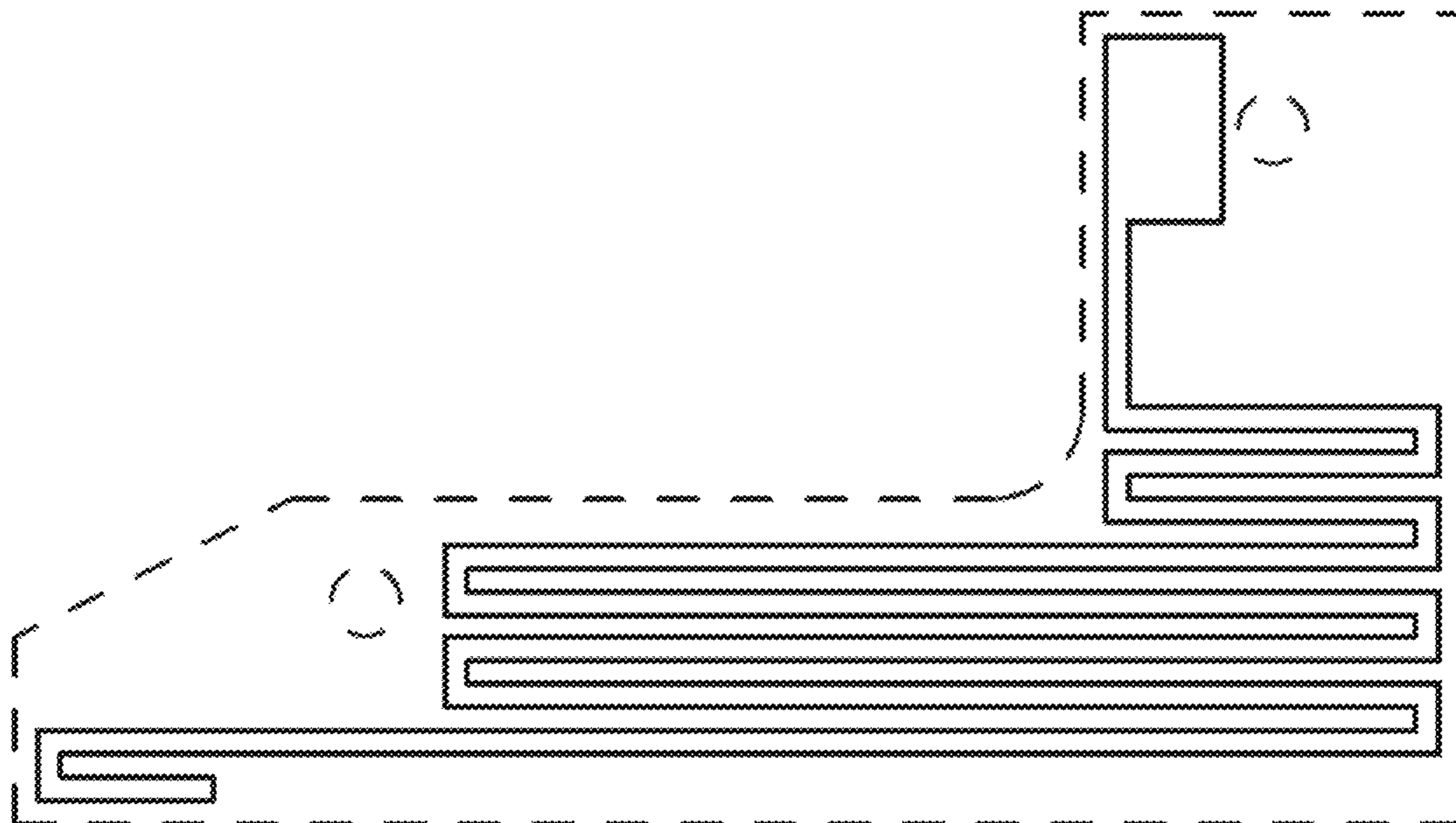
(57) **CLAIM**

The ornamental design for an antenna, as shown and described.

**DESCRIPTION**

FIG. 1 is a top plan view of an antenna, showing our new design;  
FIG. 2 is a side elevation view thereof;  
FIG. 3 is a front elevation view thereof;  
FIG. 4 is a top perspective view thereof;  
FIG. 5 is a top plan view thereof, with unclaimed environment not shown; and,  
FIG. 6 is a front elevation view thereof, with unclaimed environment not shown.  
The broken line in the figure drawings represents unclaimed environment only and forms no part of the claimed design.

**1 Claim, 4 Drawing Sheets**



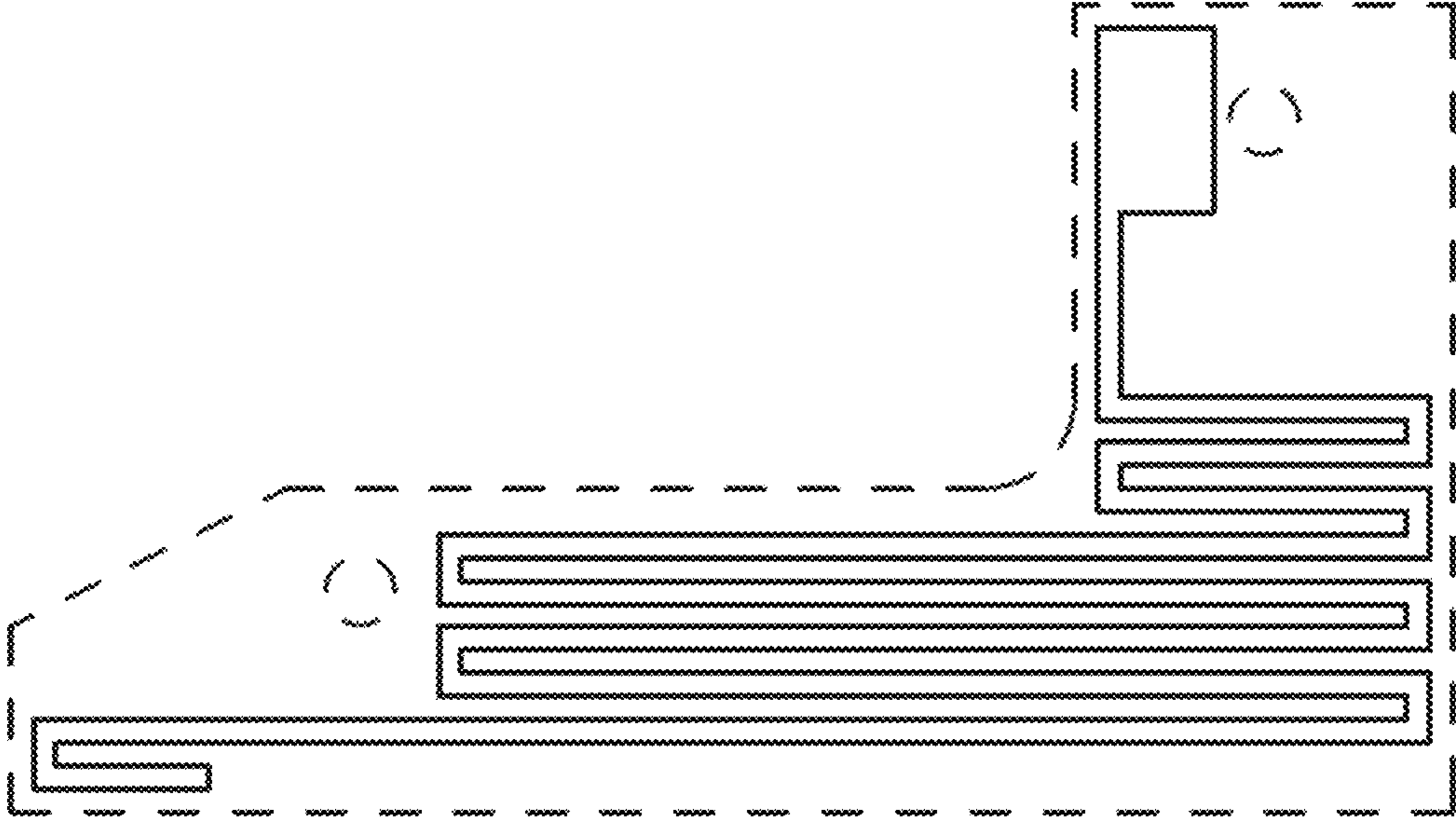


FIG. 1



FIG. 2

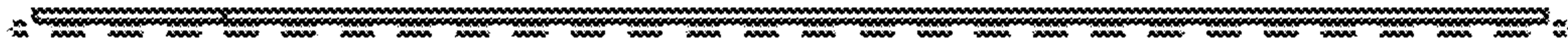


FIG. 3

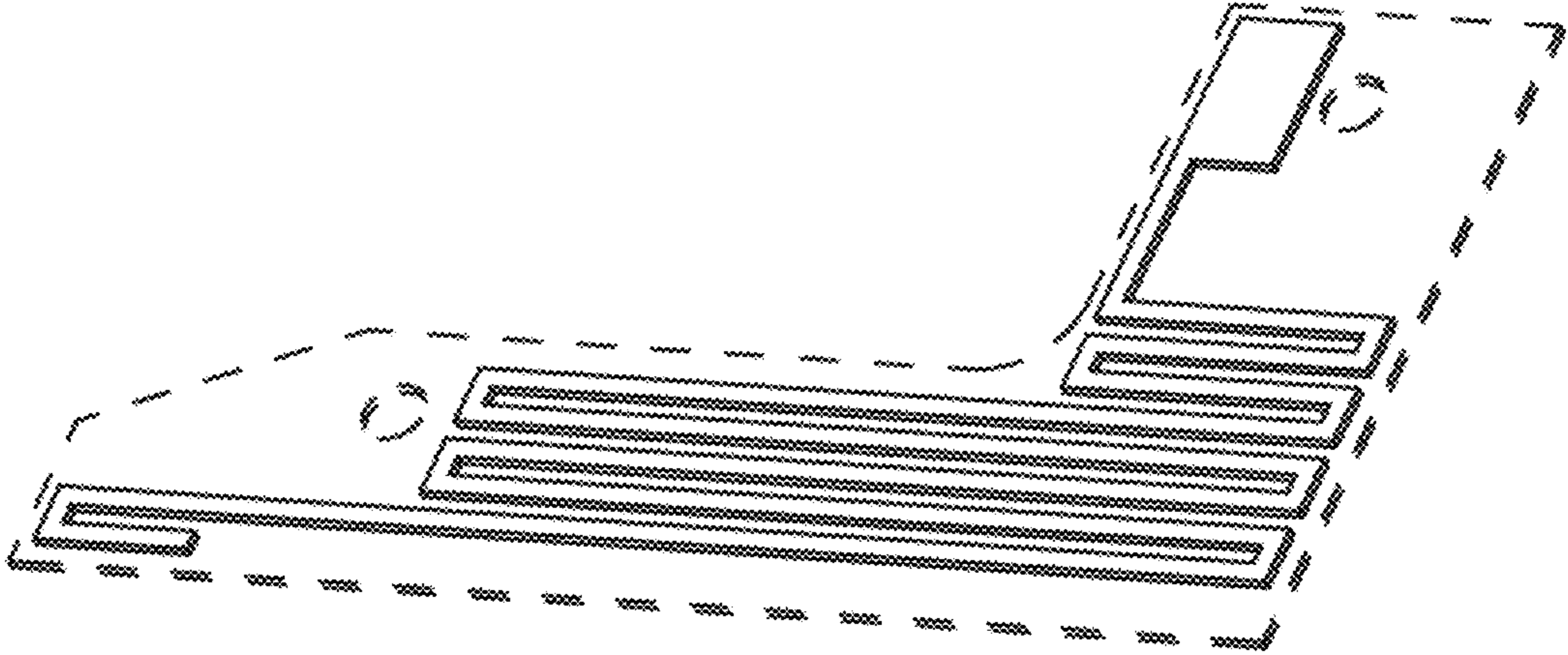


FIG. 4

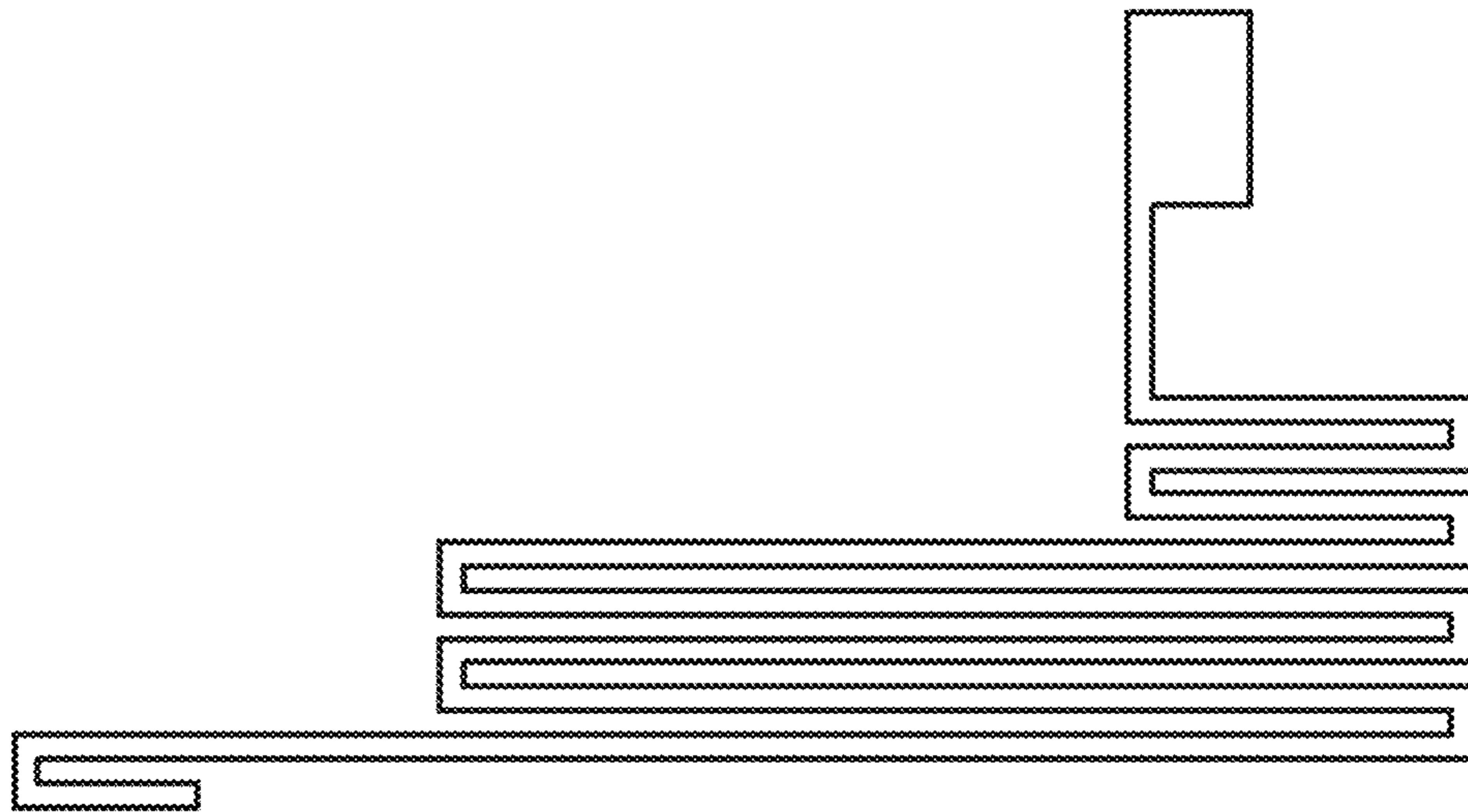


FIG. 5



FIG. 6