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(12) **United States Design Patent**  
**Schneider et al.**

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(45) **Date of Patent:** **\*\* Nov. 17, 2009**

(54) **ANTENNA ELEMENT**

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(75) Inventors: **Richard E. Schneider**, Wildwood, MO  
(US); **John Edwin Ross, III**, Salt Lake  
City, UT (US)

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(73) Assignee: **Antennas Direct, Inc.**, Eurkea, MO  
(US)

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(\*\*) Term: **14 Years**

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(21) Appl. No.: **29/305,294**

Frequency-and Time-Domain Modeling of Tapered Loop Antennas  
in Ultra-Wideband Radio Systems, Shiou-Li Chen and Shau-Gang  
Mao, Graduate Institute of Computer and Communication Engineer,  
pp. 179-182, IEEE copyright notice 2006.

(22) Filed: **Mar. 17, 2008**

(Continued)

**Related U.S. Application Data**

(63) Continuation-in-part of application No. 12/040,464,  
filed on Feb. 29, 2008, application No. 29/305,294, and  
a continuation of application No. 12/050,133, filed on  
Mar. 17, 2008, which is a continuation-in-part of appli-  
cation No. 12/040,464.

*Primary Examiner*—T. Chase Nelson  
*Assistant Examiner*—John Windmuller  
(74) *Attorney, Agent, or Firm*—Harness, Dickey & Pierce,  
P.L.C.

(51) **LOC (9) Cl.** ..... **14-03**

(57) **CLAIM**

(52) **U.S. Cl.** ..... **D14/230; D14/234**

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

(58) **Field of Classification Search** ..... D14/230–238,  
D14/299, 358, 240; 343/700 R, 840, 841,  
343/908; 455/3.02, FOR. 215, 575.2; D22/115;  
473/578; D13/184

**DESCRIPTION**

See application file for complete search history.

FIG. 1 is a perspective view of the antenna element, showing  
our new design;

(56) **References Cited**

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FIG. 2 is a front elevation view thereof;

FIG. 3 is a back elevation thereof;

FIG. 4 is a bottom plan view thereof;

FIG. 5 is a top plan view thereof;

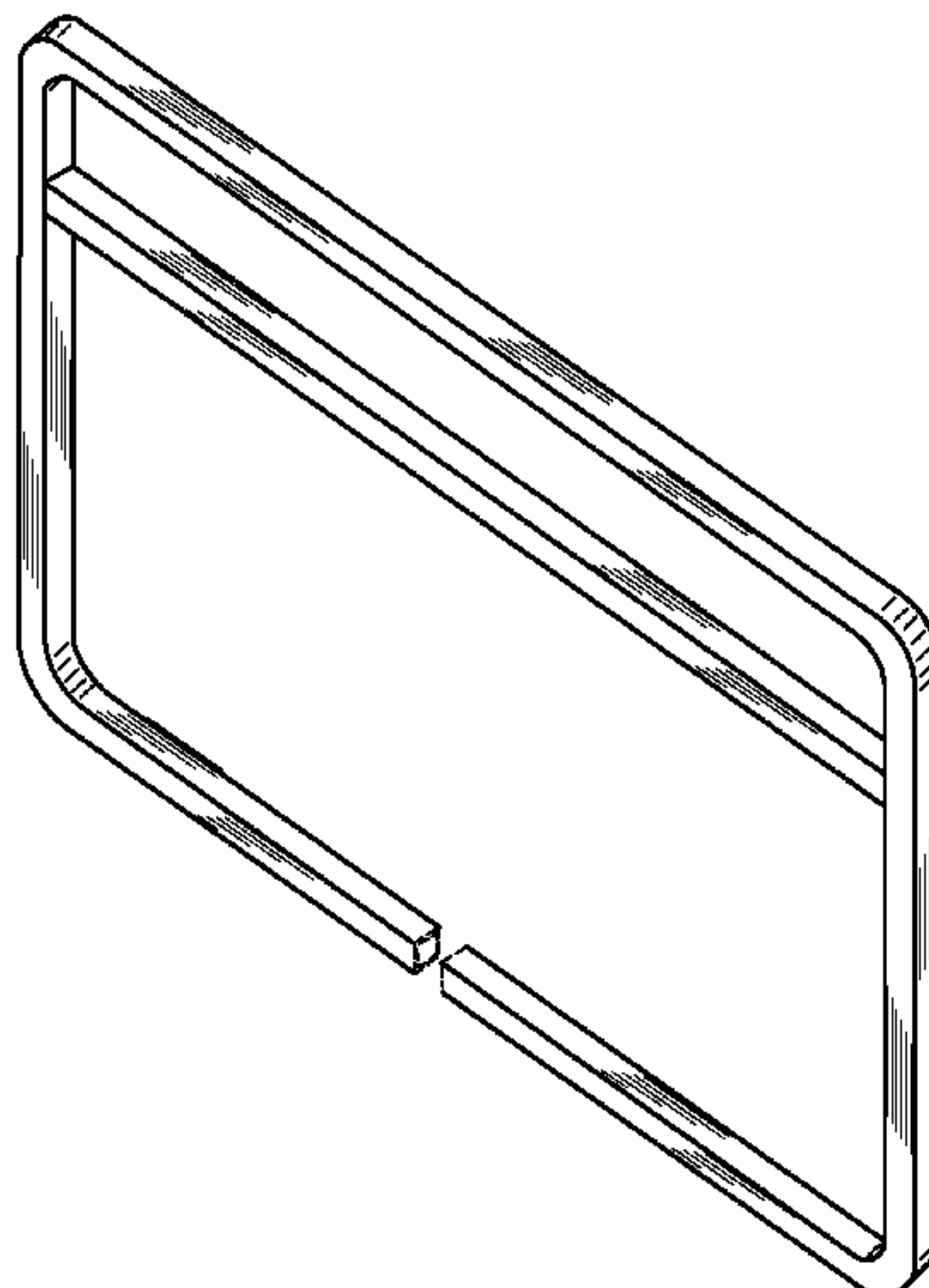
FIG. 6 is a right elevation view thereof;

FIG. 7 is a left elevation view thereof; and,

FIG. 8 is a perspective view thereof in use.

In the drawings, the broken lines depict environmental sub-  
ject matter only and form no part of the claimed design.

**1 Claim, 8 Drawing Sheets**



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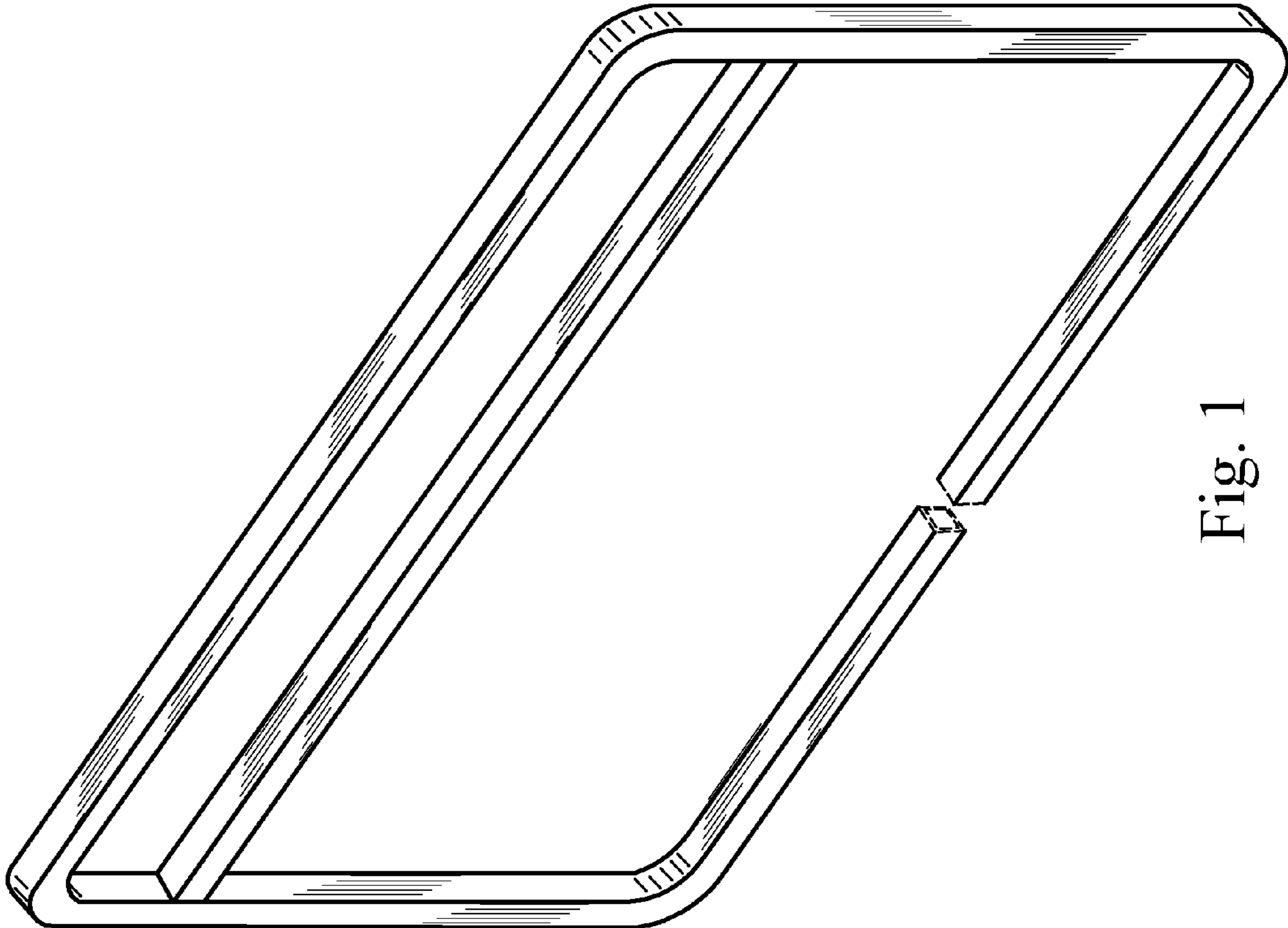


Fig. 1

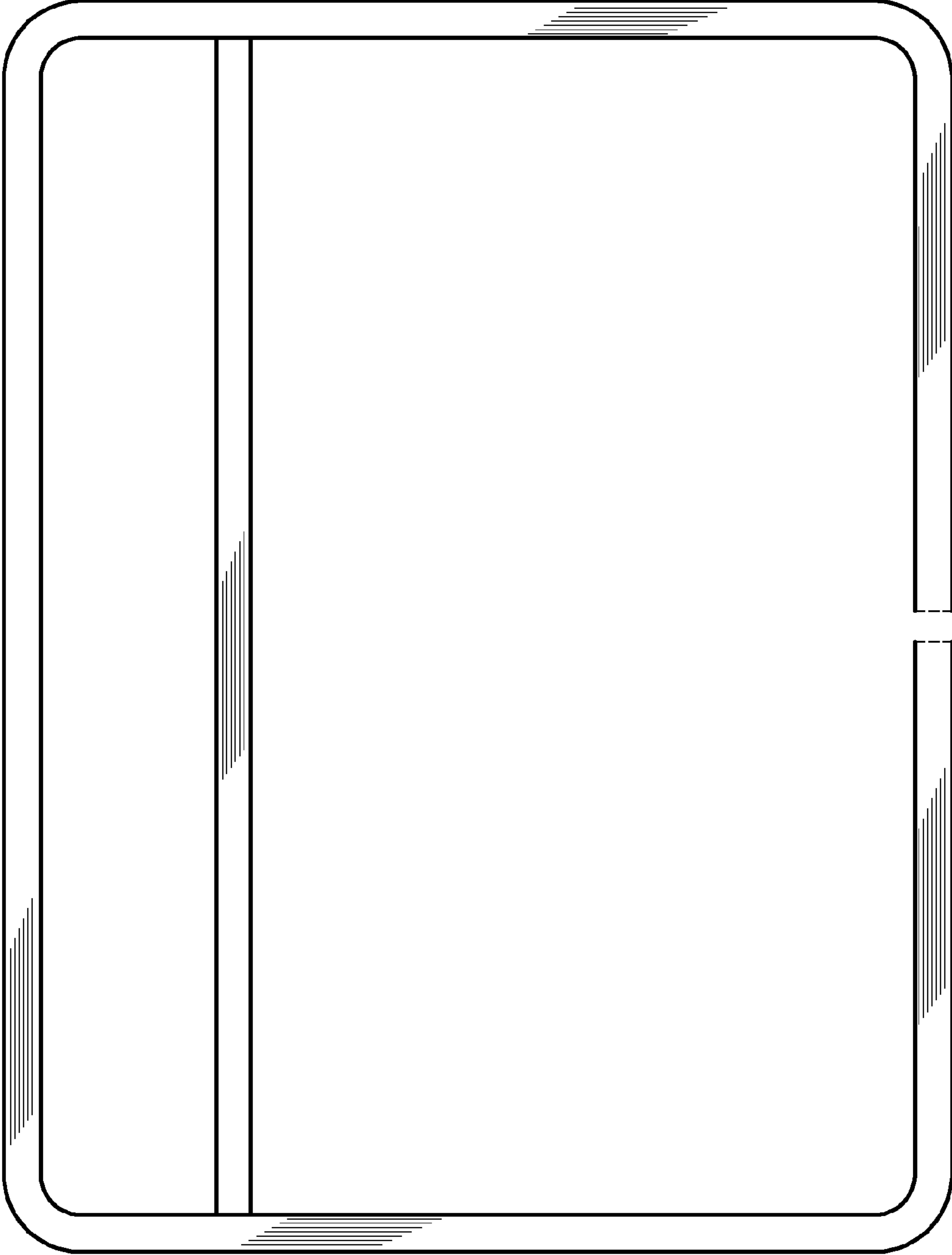


Fig. 2

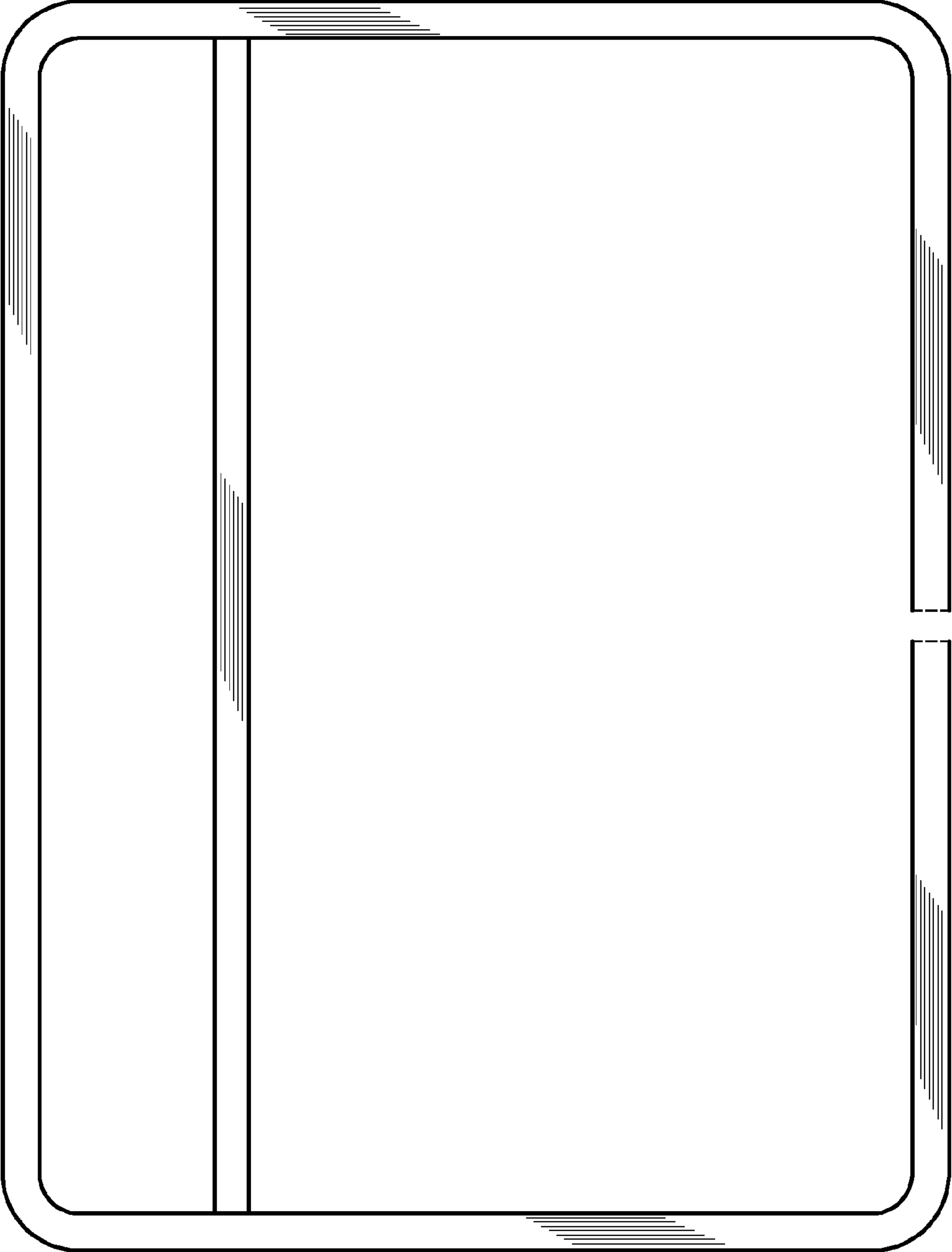


Fig. 3

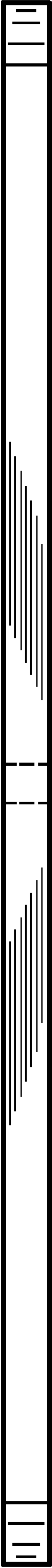


Fig. 4

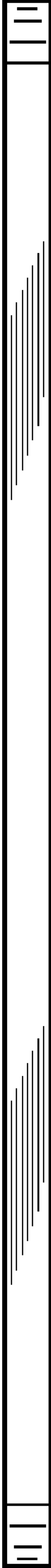


Fig. 5



Fig. 6





Fig. 7

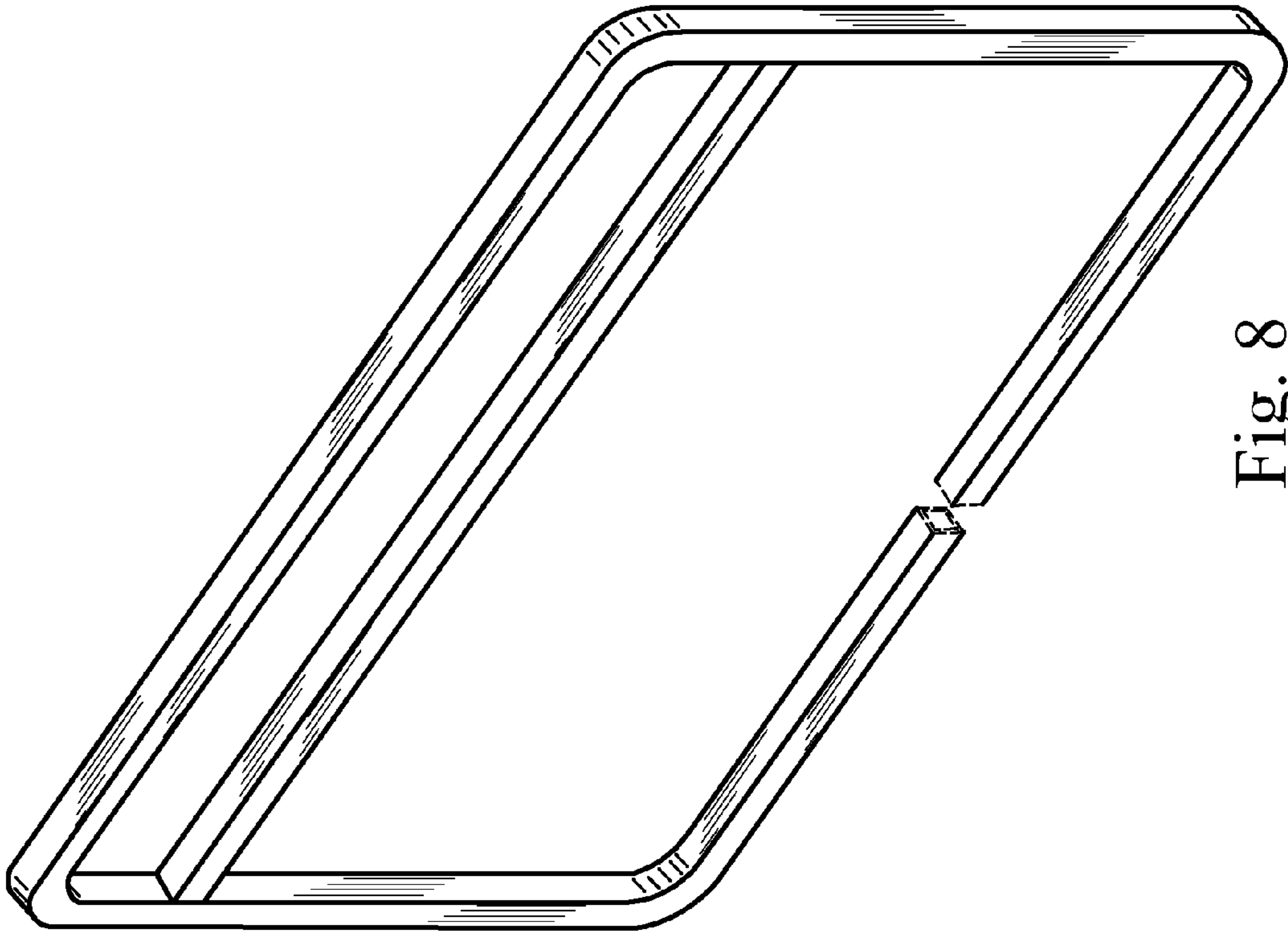
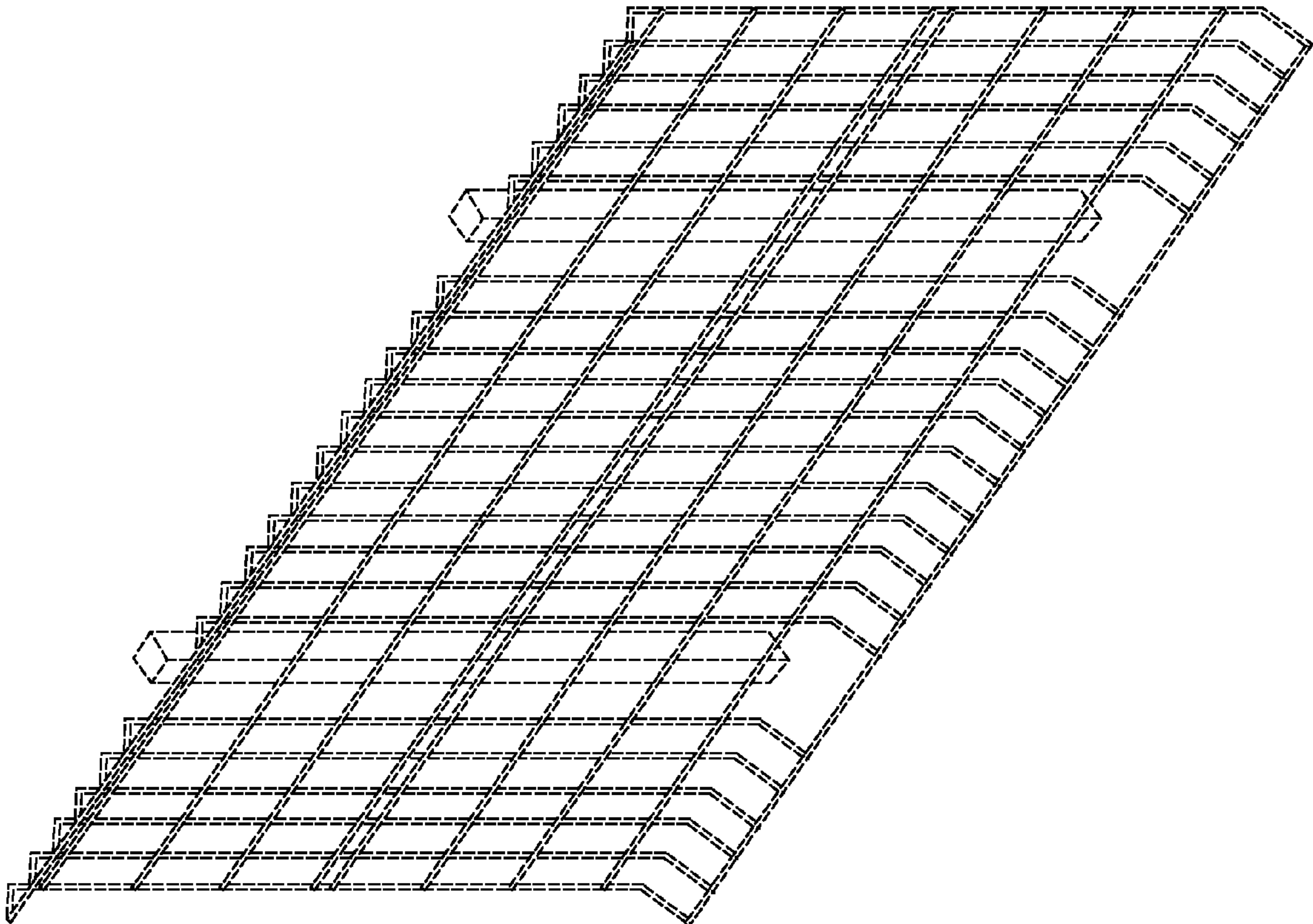


Fig. 8