



US00D681019S

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

(10) **Patent No.:** **US D681,019 S**

(45) **Date of Patent:** **\*\* Apr. 30, 2013**

(54) **ANTENNA**

(75) Inventors: **Ching-Hsiang Ko**, New Taipei (TW);  
**Kai Shih**, New Taipei (TW); **Jia-Hung Su**, New Taipei (TW)

(73) Assignee: **Cheng Uei Precision Industry Co., Ltd.**, New Taipei (TW)

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

(21) Appl. No.: **29/431,409**

(22) Filed: **Sep. 7, 2012**

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

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

(58) **Field of Classification Search** ..... D14/138,  
D14/230-238, 299, 358; D12/42, 43; 343/700 MS,  
343/700 R-705, 711-713, 735, 736, 741,  
343/748, 767, 795, 819, 840, 846, 866, 871-908;  
455/90.2, 90.3, 91, 128, 269, 344, 347, 562.1  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D572,243 S \* 7/2008 Lin et al. .... D14/230  
D630,194 S \* 1/2011 Tsai et al. .... D14/230  
D636,382 S \* 4/2011 Poddaturi ..... D14/230  
D659,687 S \* 5/2012 Yang et al. .... D14/230

D662,916 S \* 7/2012 Huang et al. .... D14/230  
2004/0222936 A1 \* 11/2004 Hung et al. .... 343/795  
2010/0149043 A1 \* 6/2010 Tsai et al. .... 343/700 MS  
2011/0241944 A1 \* 10/2011 Wolf et al. .... 343/700 MS  
2011/0260925 A1 \* 10/2011 Chirila ..... 343/700 MS  
2012/0007780 A1 \* 1/2012 Chiang ..... 343/700 MS  
2012/0032856 A1 \* 2/2012 Huang et al. .... 343/700 MS  
2012/0105303 A1 \* 5/2012 Kusanagi ..... 343/905  
2012/0162017 A1 \* 6/2012 Lee ..... 343/700 MS  
2012/0162023 A1 \* 6/2012 Tai ..... 343/700 MS  
2012/0169544 A1 \* 7/2012 Yen-Hao et al. .... 343/700 MS  
2012/0169546 A1 \* 7/2012 Kwak et al. .... 343/700 MS  
2012/0256794 A1 \* 10/2012 Veihl et al. .... 343/700 MS

\* cited by examiner

*Primary Examiner* — John Windmuller

(74) *Attorney, Agent, or Firm* — Cheng-Ju Chiang

(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a perspective view of an antenna showing our new design;

FIG. 2 is a front elevational view thereof;

FIG. 3 is a rear elevational view thereof;

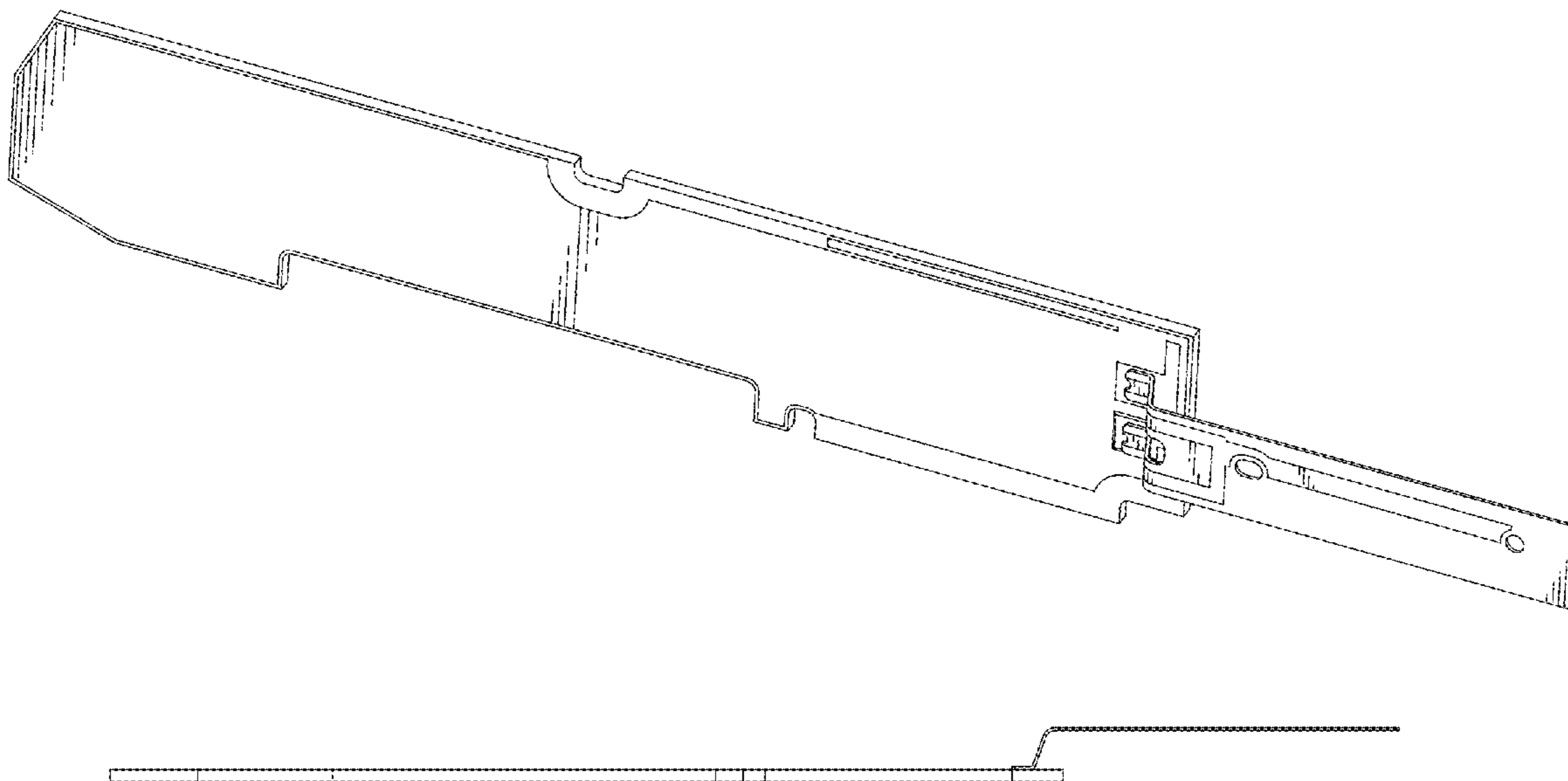
FIG. 4 is a left side elevational view thereof;

FIG. 5 is a right side elevational view thereof;

FIG. 6 is a top plan view thereof; and,

FIG. 7 is a bottom plan view thereof.

**1 Claim, 7 Drawing Sheets**



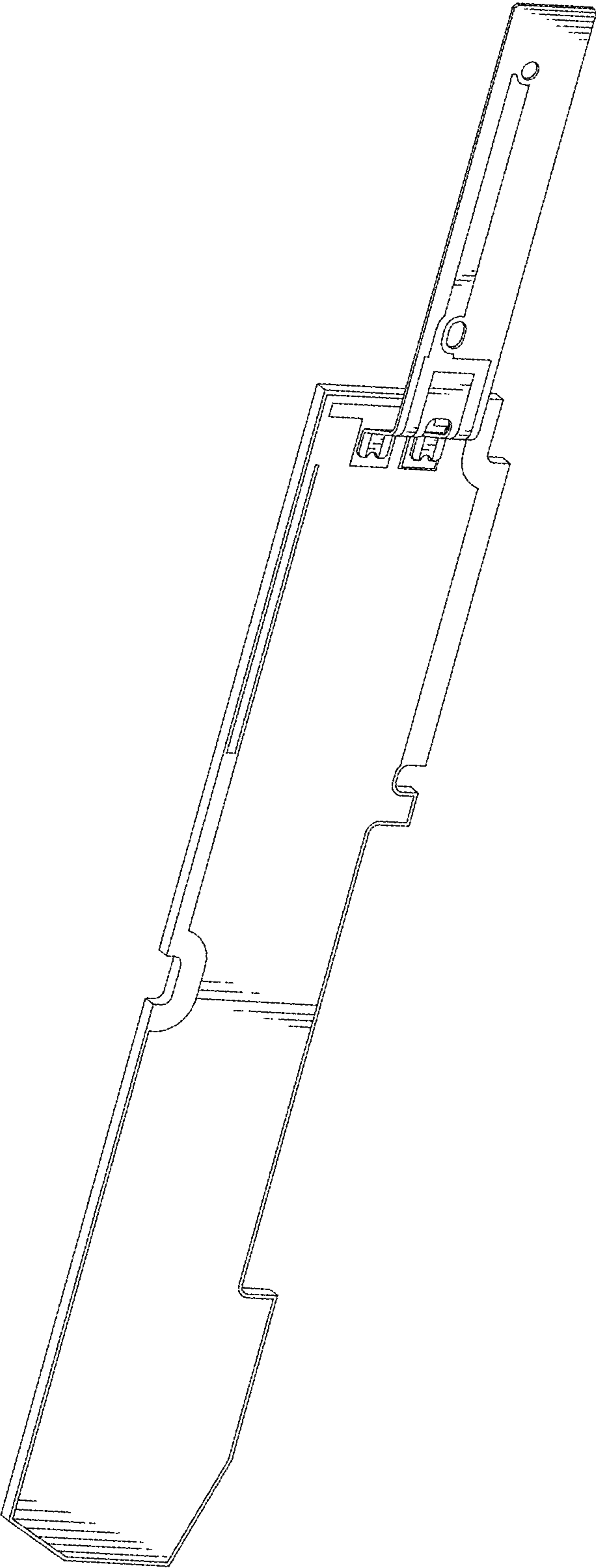


FIG. 1

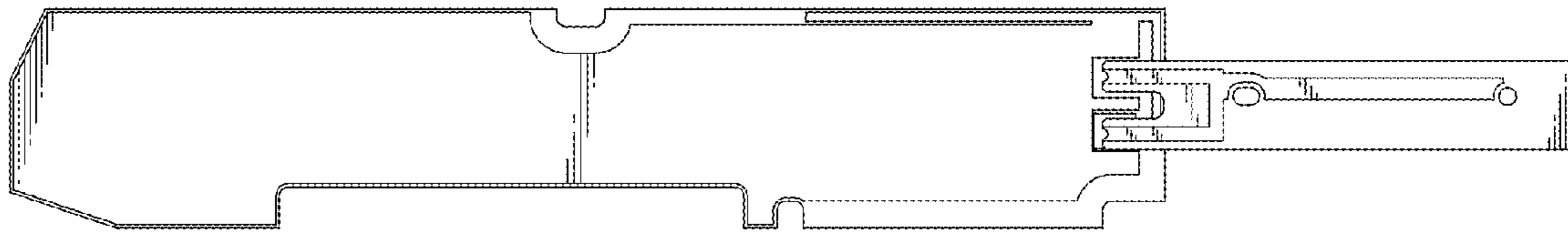


FIG. 2

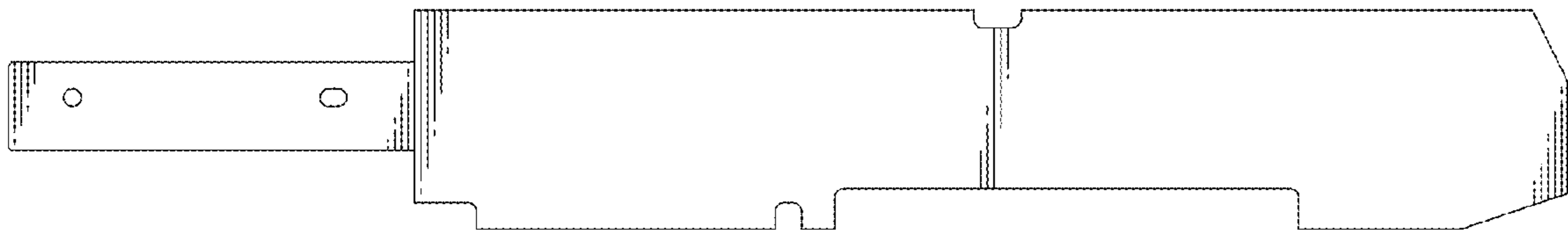


FIG. 3

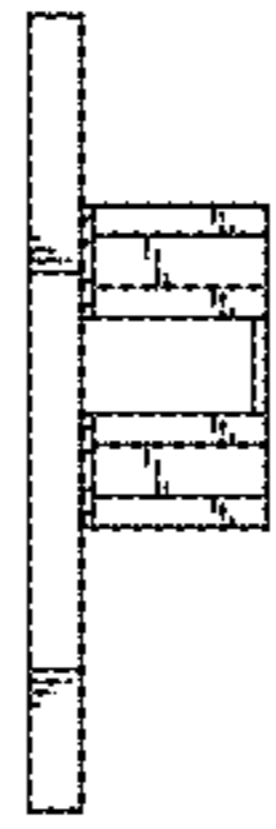


FIG. 4

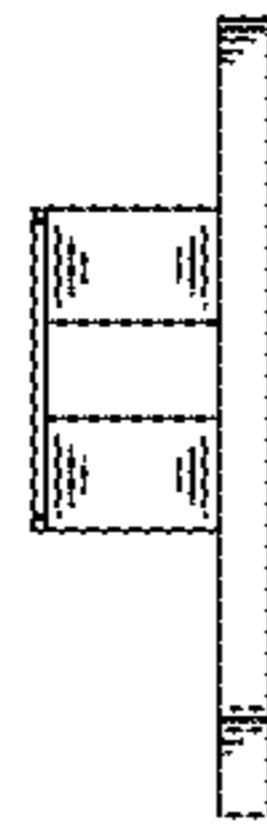


FIG. 5

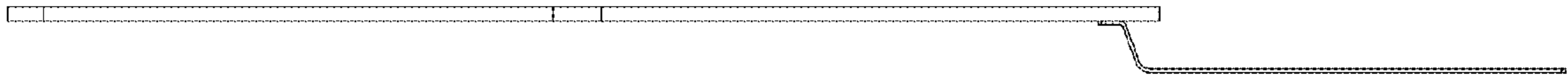


FIG. 6

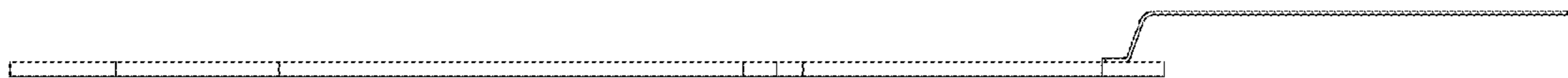


FIG. 7