



US00D635128S

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

(10) **Patent No.:** **US D635,128 S**

(45) **Date of Patent:** **** Mar. 29, 2011**

(54) **MULTI-BAND ANTENNA**

(75) Inventors: **Yi-Feng Huang**, Taipei (TW); **Jia-Hung Su**, Taipei (TW); **Yung-Chih Tsai**, Taipei (TW); **Kai Shih**, Taipei (TW); **Feng-Ming Hsu**, Taipei (TW)

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

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

(21) Appl. No.: **29/380,031**

(22) Filed: **Nov. 30, 2010**

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

(52) **U.S. Cl.** **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, 741, 748, 767,
343/795, 819, 840, 846, 866, 871-908; 455/90.2,
455/90.3, 91, 128, 269, 344, 347, 562.1;
333/193, 195

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D599,334 S * 9/2009 Chiang D14/230
D603,850 S * 11/2009 Wu et al. D14/230

D606,053 S * 12/2009 Wu et al. D14/230
D606,055 S * 12/2009 Wu et al. D14/230
D608,354 S * 1/2010 Yang et al. D14/230
2007/0030203 A1 * 2/2007 Tsai et al. 343/702
2009/0002244 A1 * 1/2009 Woo 343/702
2009/0146906 A1 * 6/2009 Anguera Pros et al. 343/906
2010/0013715 A1 * 1/2010 Yu et al. 343/700 MS
2010/0123628 A1 * 5/2010 Su et al. 343/700 MS
2010/0141537 A1 * 6/2010 Kim et al. 343/702

* cited by examiner

Primary Examiner — Celia A Murphy
Assistant Examiner — John Windmuller

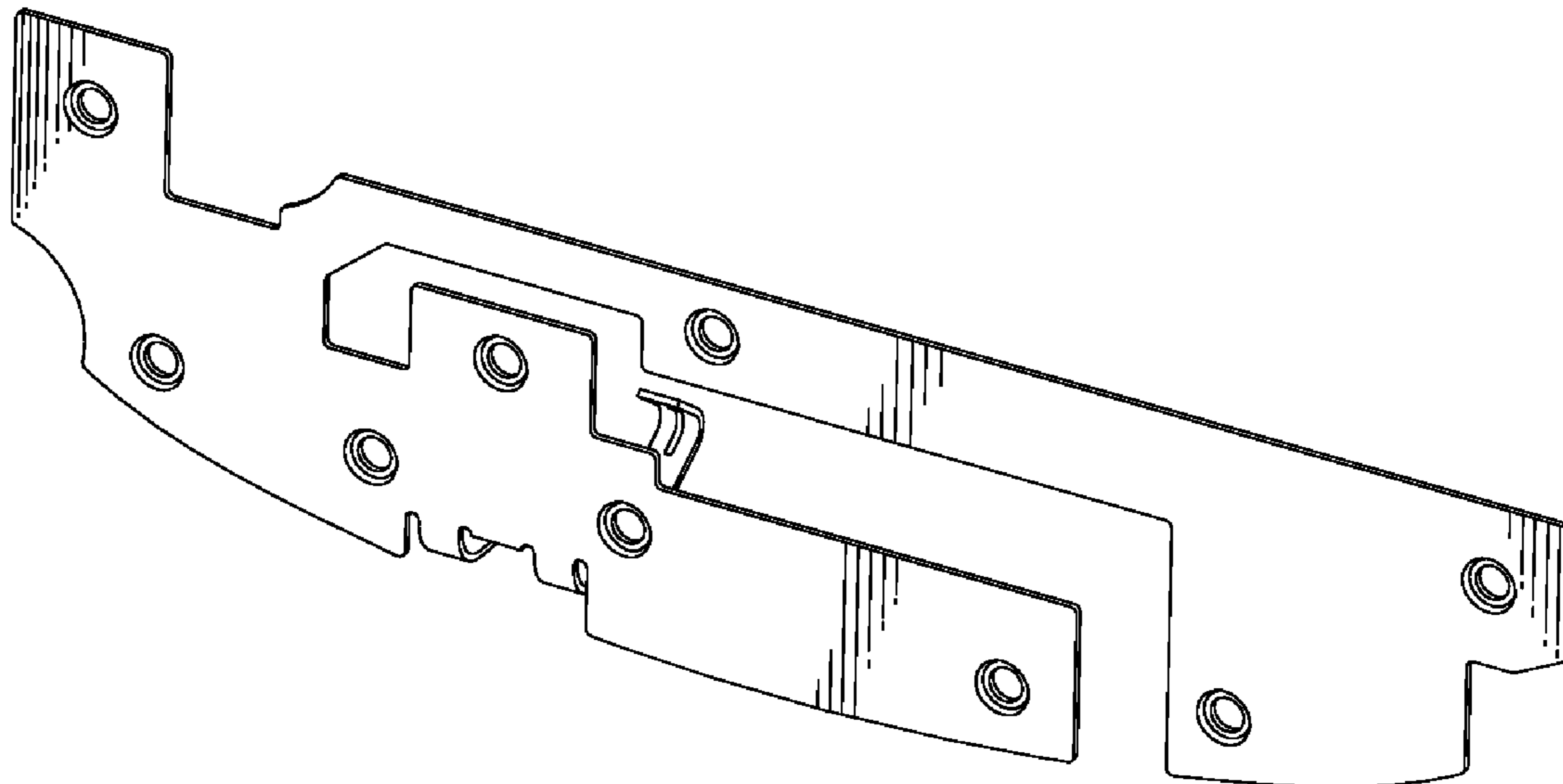
(57) **CLAIM**

The ornamental design for a multi-band antenna, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a multi-band 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



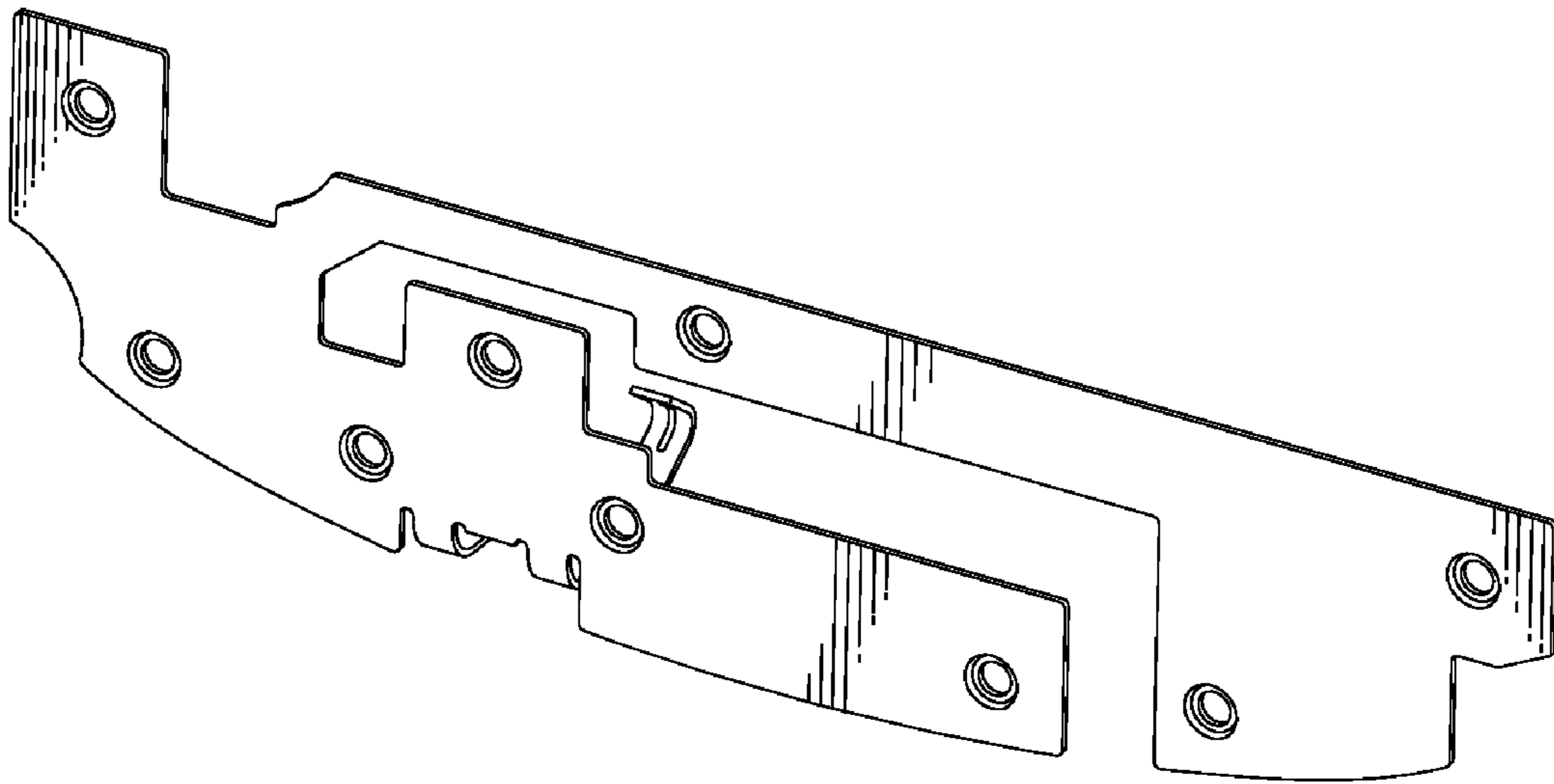


FIG. 1

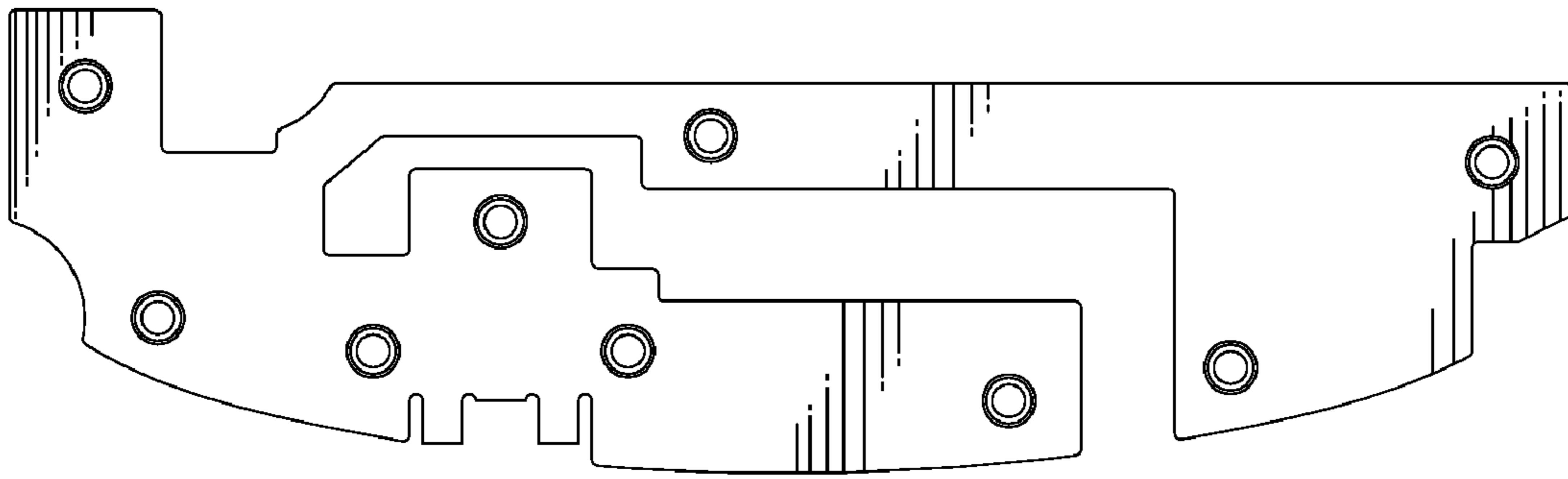


FIG. 2

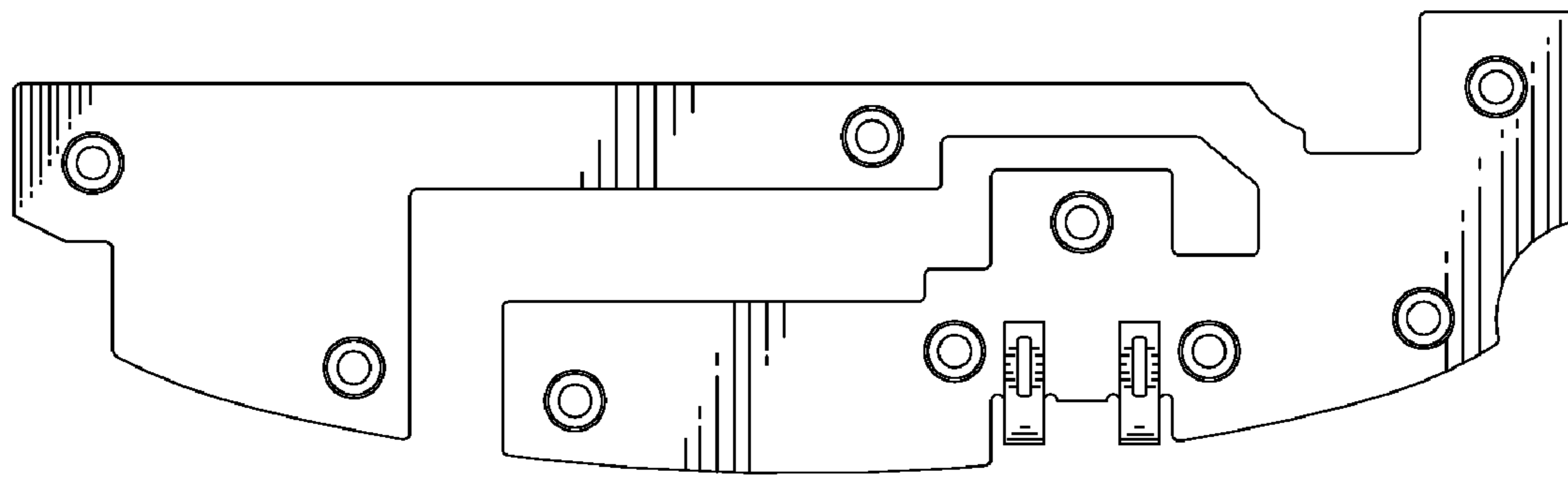


FIG. 3

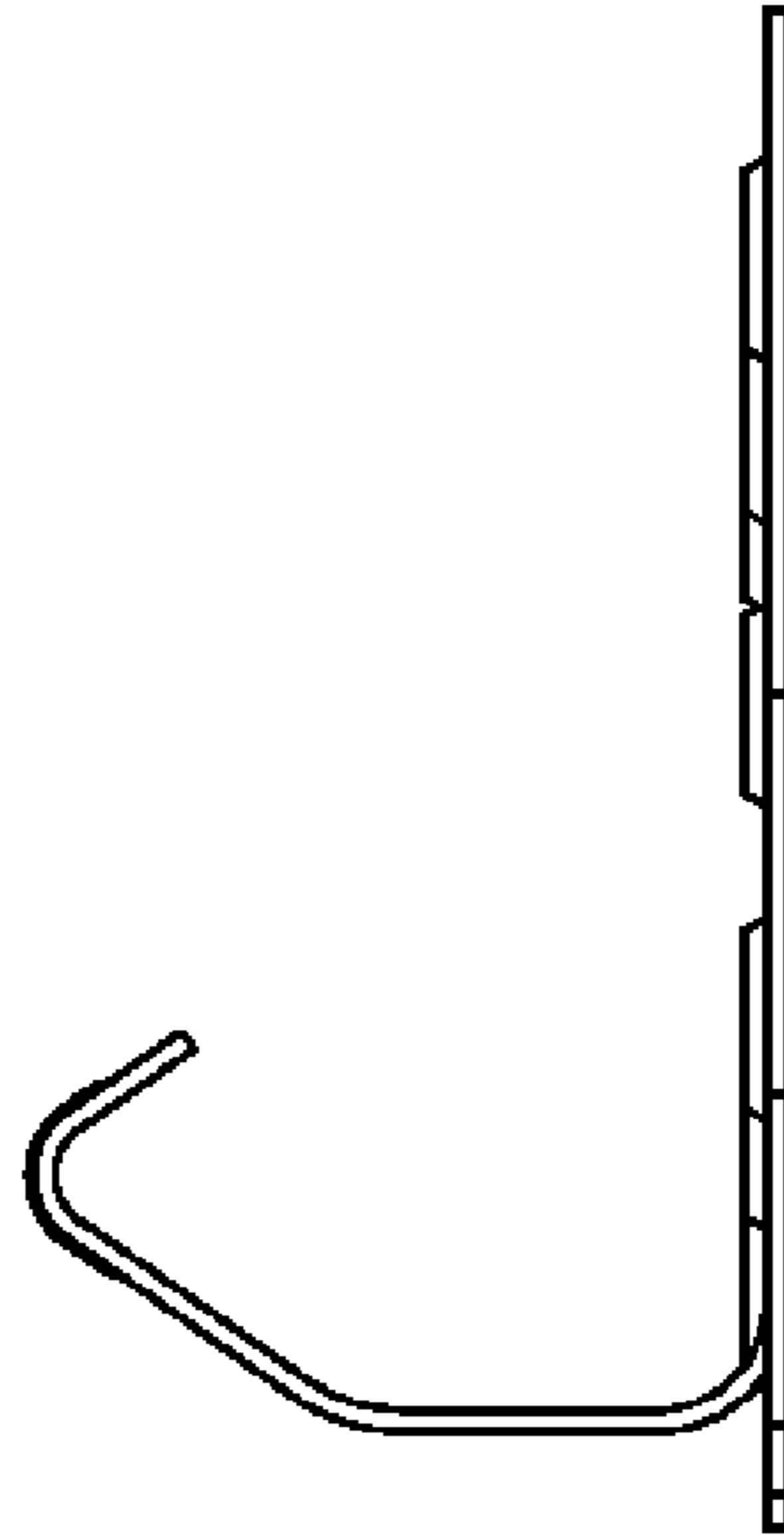


FIG. 4

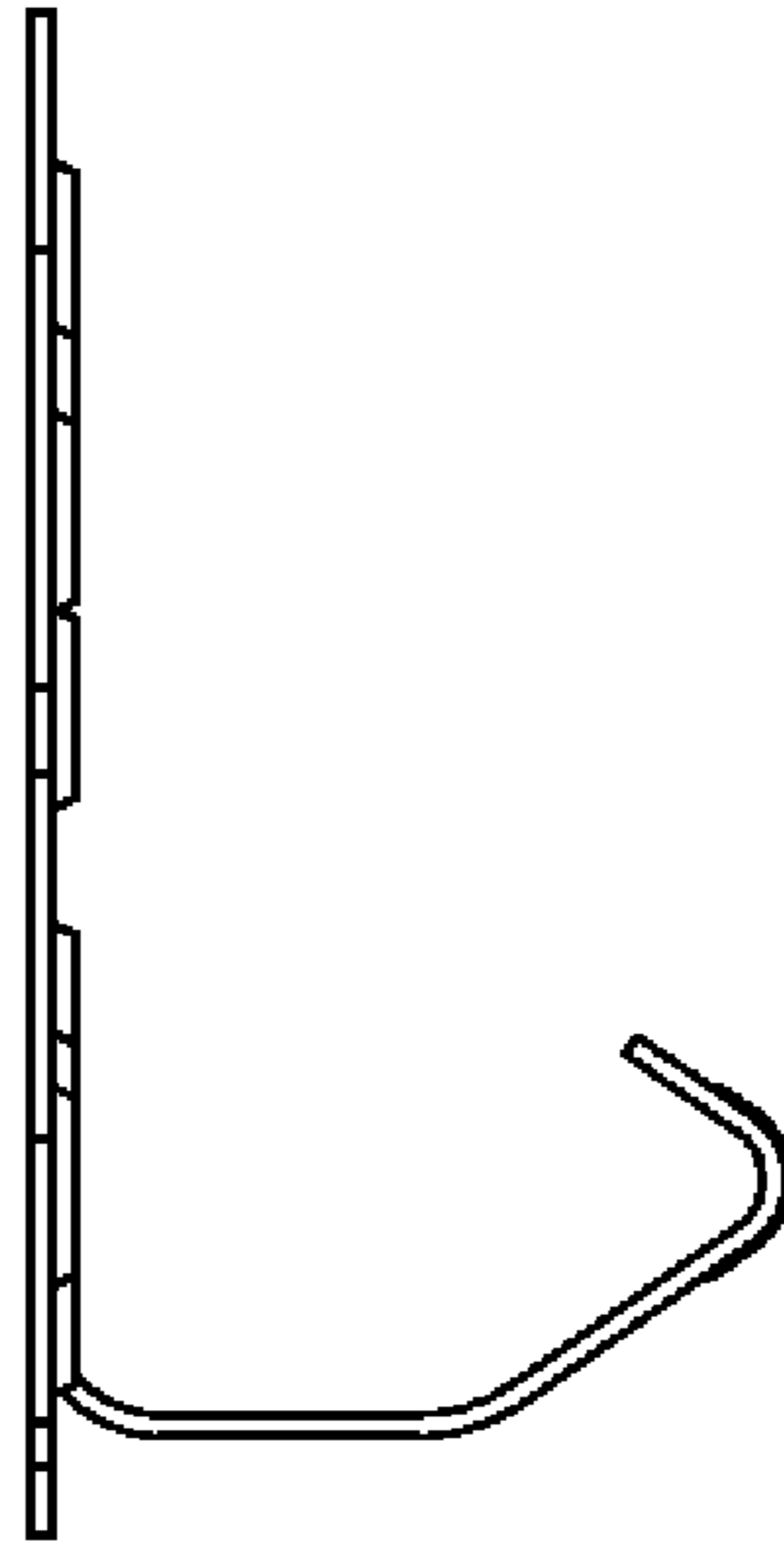


FIG. 5



FIG. 6

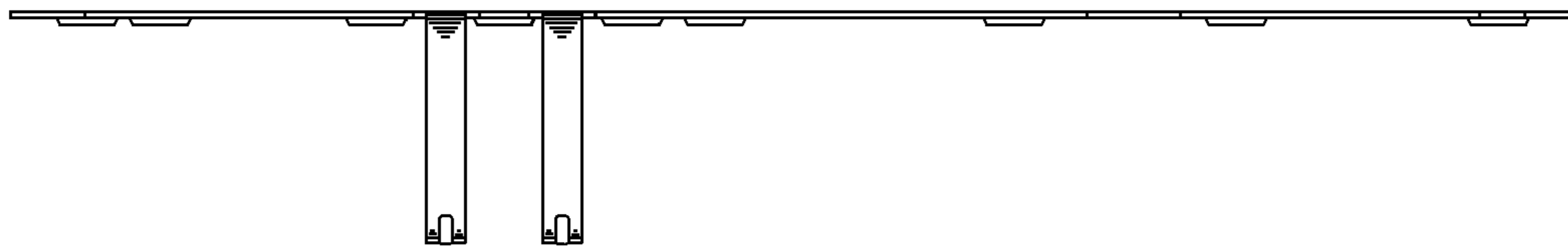


FIG. 7