



US00D825498S

(12) **United States Design Patent** (10) **Patent No.:** **US D825,498 S**
Allin et al. (45) **Date of Patent:** **** Aug. 14, 2018**

(54) **HEAT SINK ASSEMBLY** 2013/0070418 A1* 3/2013 Lee H01L 23/4006
361/700
(71) Applicant: **Oculus VR, LLC**, Menlo Park, CA 2013/0070419 A1* 3/2013 Yang H01L 23/4093
(US) 361/700
2013/0077242 A1* 3/2013 Hsiao H05K 7/20172
(72) Inventors: **Boyd Drew Allin**, Seattle, WA (US); 2013/0077251 A1* 3/2013 Yang G06F 1/20
Jeffrey Taylor Stellman, Seattle, WA 361/695
(US) 2014/0102670 A1* 4/2014 Tu F28D 15/02
(73) Assignee: **Oculus VR, LLC**, Menlo Park, CA 2014/0182818 A1* 7/2014 Wang H01L 23/427
(US) 165/104.26
165/104.21

(Continued)

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

(21) Appl. No.: **29/610,923**

(22) Filed: **Jul. 17, 2017**

(51) **LOC (11) Cl.** **13-03**

(52) **U.S. Cl.**
USPC **D13/179**

(58) **Field of Classification Search**
USPC D13/179, 122, 182
CPC .. H05K 7/20; H05K 7/20172; H05K 7/20127;
H05K 7/20336; H05K 7/202; H05K
7/20272; H01L 23/34; H01L 23/3672;
H01L 23/40; H01L 23/4006; H01L
23/4093; F28D 15/0208; F28D 15/04
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

7,589,972 B2* 9/2009 Ma H01R 4/48
165/104.26
D609,198 S * 2/2010 Hsu D13/179
7,965,512 B2* 6/2011 Huang F28D 15/0266
165/104.33
D708,592 S * 7/2014 Andre D13/179
D785,578 S * 5/2017 Kim D13/182
2008/0105410 A1* 5/2008 Hwang G06F 1/20
165/104.33
2011/0186269 A1* 8/2011 Yang F28D 15/04
165/104.26

OTHER PUBLICATIONS

eBay, "New Genuine Toshiba CPU Heatsink C670 C675 C675D Series", first sold on Jul. 1, 2017. (<https://www.ebay.com/itm/H000026370-13N0-Y3A0W02-NEW-GENUINE-TOSHIBA-CPU-HEATSINK-C670-C675-C675D-SERIES/142315100462>).*

(Continued)

Primary Examiner — Jennifer Rivard
Assistant Examiner — April Rivas
(74) *Attorney, Agent, or Firm* — Fenwick & West LLP

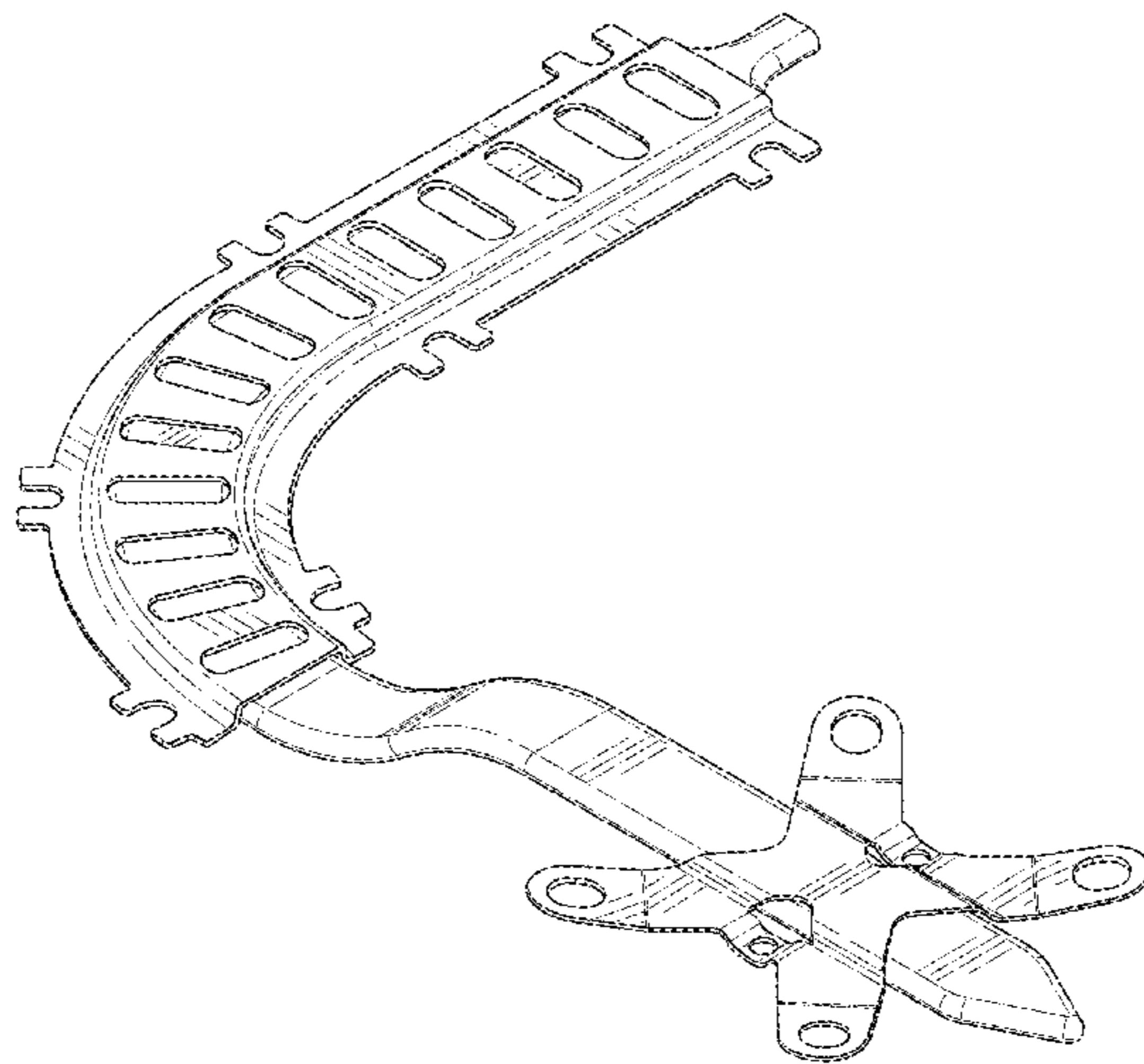
(57) **CLAIM**

The ornamental design for a heat sink assembly, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a heat sink assembly, showing our new design;
FIG. 2 is a front view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a left side view thereof;
FIG. 5 is a right side view thereof;
FIG. 6 is a top view thereof; and,
FIG. 7 is a bottom view thereof.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

2014/0290908 A1* 10/2014 Wang F28D 15/0266
165/80.2
2015/0192369 A1* 7/2015 Rivera H05K 7/20663
165/104.19
2015/0330716 A1* 11/2015 Chen H01L 23/427
165/104.26
2016/0131442 A1* 5/2016 Huang F28F 3/02
165/76

OTHER PUBLICATIONS

eBay, "HP EliteBook 11.6" 2170p Genuine Laptop CPU Cooling Heatsink 693307-001 GLP*", Accessed Jun. 4, 2018. (<https://www.ebay.com/itm/HP-EliteBook-11-6-2170p-Genuine-Laptop-CPU-Cooling-Heatsink-693307-001-GLP/282691921487>).*

* cited by examiner

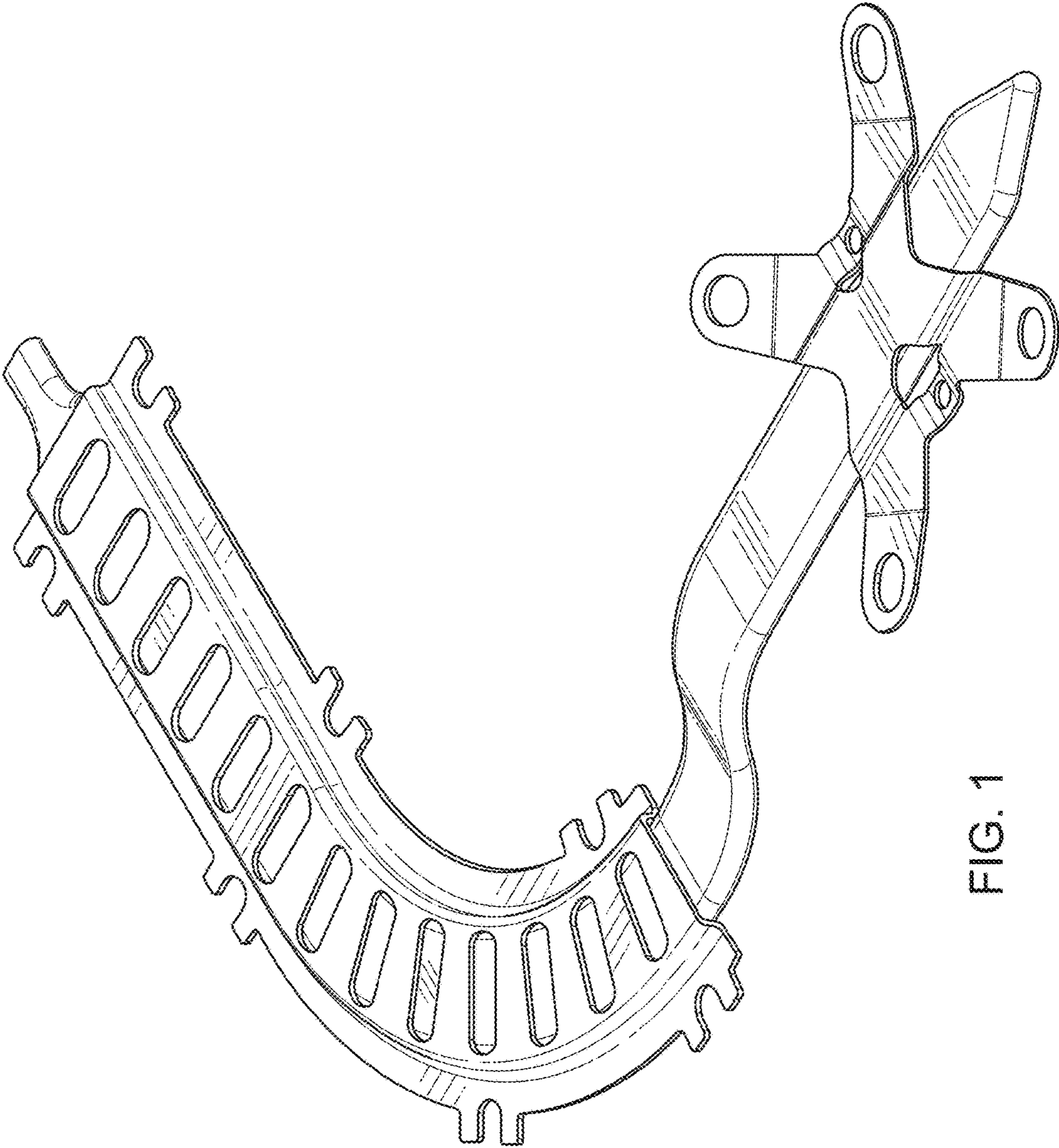


FIG. 1

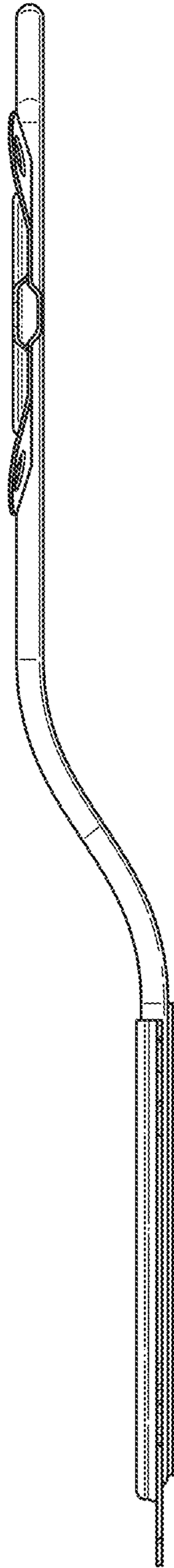


FIG. 2

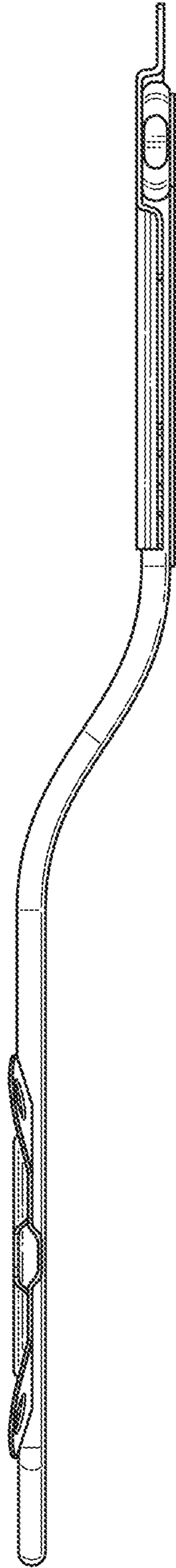


FIG. 3

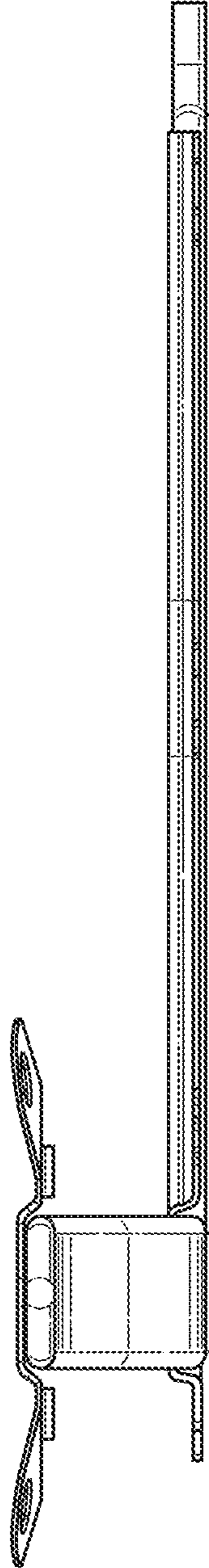


FIG. 4

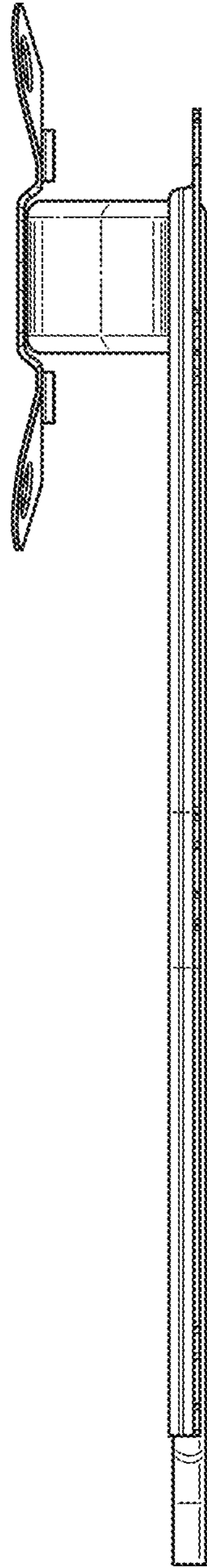


FIG. 5

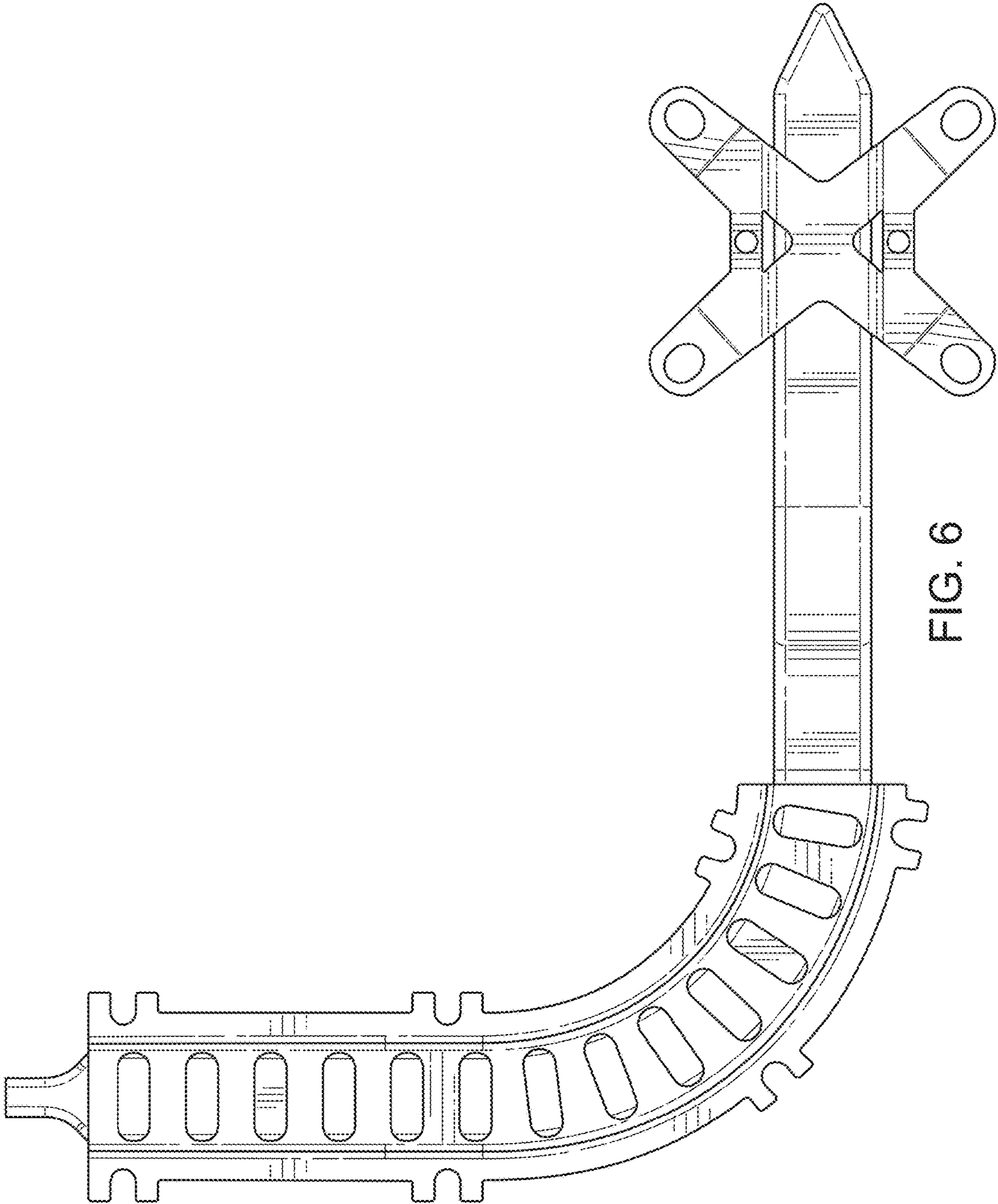


FIG. 6

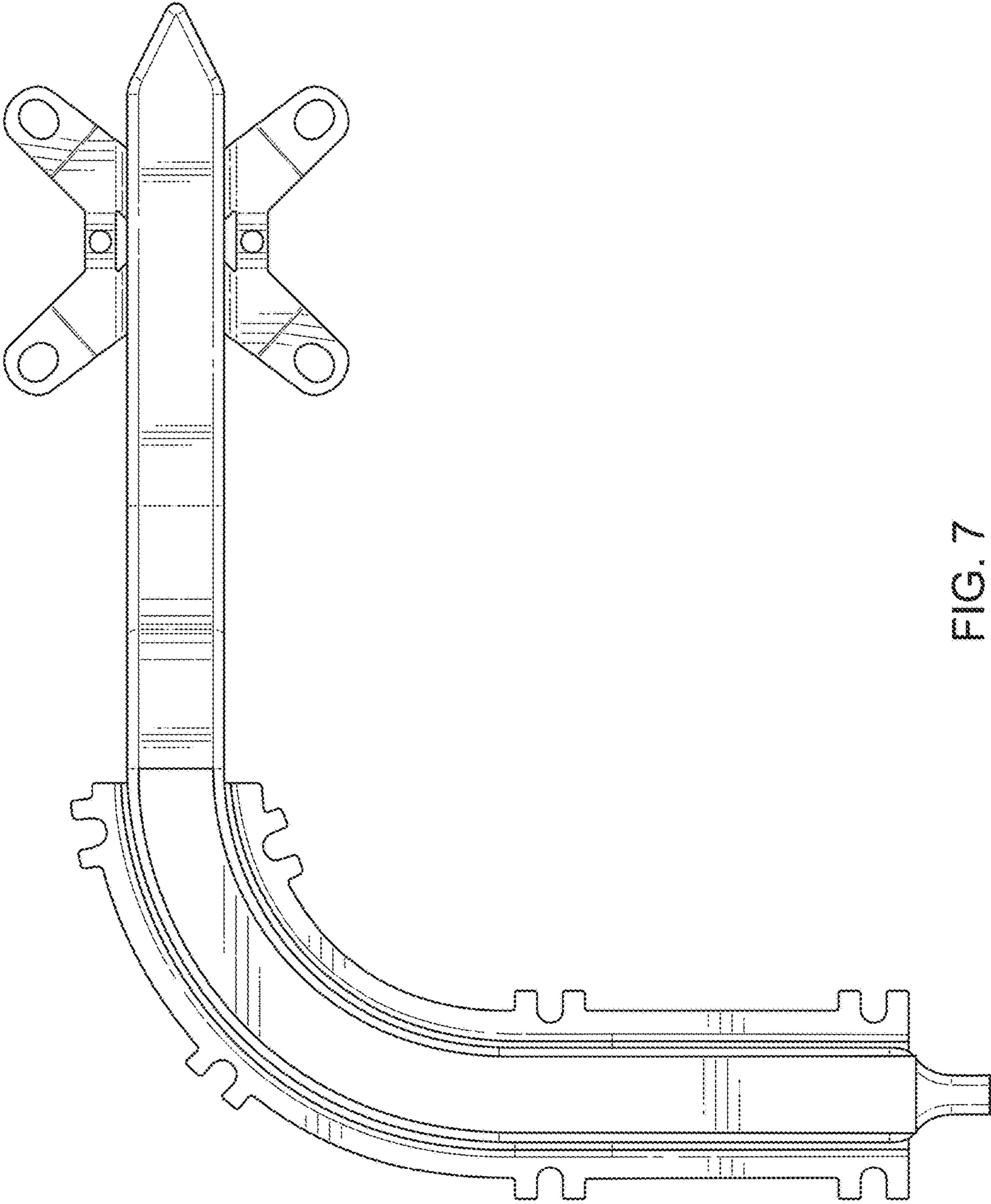


FIG. 7