



US00D874004S

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

(10) **Patent No.:** **US D874,004 S**

(45) **Date of Patent:** **** Jan. 28, 2020**

(54) **BONE PLATE**

D520,637 S * 5/2006 Kay D24/155
D580,057 S * 11/2008 Ramadani D24/155
D648,027 S * 11/2011 Vancelette D24/155

(71) Applicant: **PARAGON 28, INC.**, Englewood, CO
(US)

(Continued)

(72) Inventors: **Albert DaCosta**, Lone Tree, CO (US);
Laura Z. Brinker, Denver, CO (US);
Richard Hunt, Arvada, CA (US)

Primary Examiner — Charles D Hanson

(74) *Attorney, Agent, or Firm* — Heslin Rothenberg
Farley & Mesiti P.C.

(73) Assignee: **Paragon 28, INC.**, Englewood, CO
(US)

(57) **CLAIM**

The ornamental design for a bone plate, as shown and
described.

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

DESCRIPTION

(21) Appl. No.: **29/664,522**

FIG. 1 is a front, top perspective view of the bone plate
comprising the new design;

(22) Filed: **Sep. 26, 2018**

FIG. 2 is a back, bottom perspective view of the design of
FIG. 1;

(51) **LOC (12) Cl.** **24-03**

FIG. 3 is a front elevational view of the design of FIG. 1;

(52) **U.S. Cl.**
USPC **D24/155**

FIG. 4 is a back elevational view of the design of FIG. 1;

(58) **Field of Classification Search**

FIG. 5 is a left elevational view of the design of FIG. 1;

USPC D24/155

FIG. 6 is a right elevational view of the design of FIG. 1;

CPC A61B 17/8061; A61B 17/7059; A61B

FIG. 7 is a top view of the design of FIG. 1;

17/8052; A61B 17/8605; A61B 17/8085;

FIG. 8 is a bottom view of the design of FIG. 1;

A61B 17/809; A61B 17/8014; A61B

FIG. 9 is a front, top perspective view of an alternative
embodiment of the bone plate of FIG. 1;

17/8033; A61B 17/888; A61B 17/842;

FIG. 10 is a back, bottom perspective view of the design of
FIG. 9;

A61B 17/8023; A61B 17/8009; A61B

FIG. 11 is a front elevational view of the design of FIG. 9;

17/86; A61B 17/1739; A61B 17/8066;

FIG. 12 is a back elevational view of the design of FIG. 9;

A61B 17/1671; A61B 17/1757; A61B

FIG. 13 is a left elevational view of the design of FIG. 9;

17/176; A61B 2017/1782; A61B

FIG. 14 is a right elevational view of the design of FIG. 9;

2017/1775

FIG. 15 is a top view of the design of FIG. 9; and,

See application file for complete search history.

FIG. 16 is a bottom view of the design of FIG. 9.

(56) **References Cited**

The broken lines shown in the figures are directed to the
environment and are for illustrative purposes only; the
broken lines form no part of the claimed bone plate inven-
tion.

U.S. PATENT DOCUMENTS

The relatively light uneven broken lines shown in the figures
represent contour, not surface decoration.

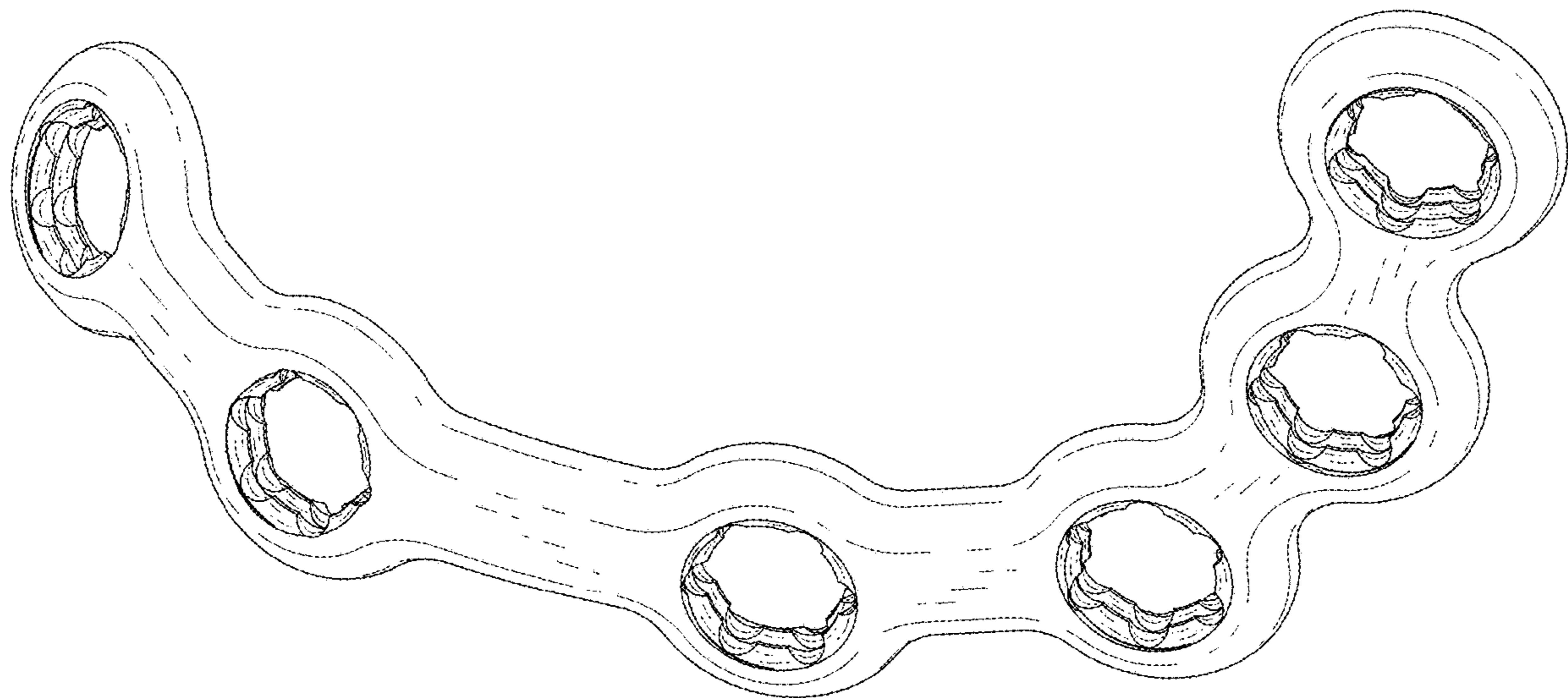
5,938,664 A * 8/1999 Winquist A61B 17/8085

1 Claim, 16 Drawing Sheets

606/283

D469,533 S * 1/2003 Bryant D24/155

D480,141 S * 9/2003 Benirschke D24/155



(56)

References Cited

U.S. PATENT DOCUMENTS

8,257,405 B2 * 9/2012 Haidukewych A61B 17/8061
606/280
8,398,687 B2 * 3/2013 Vasta A61B 17/8061
606/284
D699,351 S * 2/2014 Podgorski D24/155
8,940,026 B2 * 1/2015 Hilse A61B 17/8014
606/282
D740,943 S * 10/2015 Neufeld A61B 17/80
D24/155
D745,162 S * 12/2015 Neufeld D24/155
9,204,912 B2 * 12/2015 Price A61B 17/1728
9,333,014 B2 * 5/2016 Gonzalez-Hernandez
A61B 17/8085
9,387,020 B2 * 7/2016 Geissler A61B 17/8042
D765,850 S * 9/2016 Early D24/155
D765,852 S * 9/2016 Early D24/155
D766,438 S * 9/2016 DaCosta D24/155
D766,439 S * 9/2016 DaCosta D24/155
D767,135 S * 9/2016 Paik D24/155
D767,136 S * 9/2016 Paik D24/155
2004/0210220 A1 * 10/2004 Tornier A61B 17/8061
606/284
2004/0225291 A1 * 11/2004 Schwammberger ... A61B 17/80
606/71
2005/0182408 A1 * 8/2005 Pfefferle A61B 17/8085
606/282
2008/0021452 A1 * 1/2008 Ducharme A61B 17/8061
606/60
2013/0116734 A1 * 5/2013 Gonzalez-Hernandez
A61B 17/8061
606/286

* cited by examiner

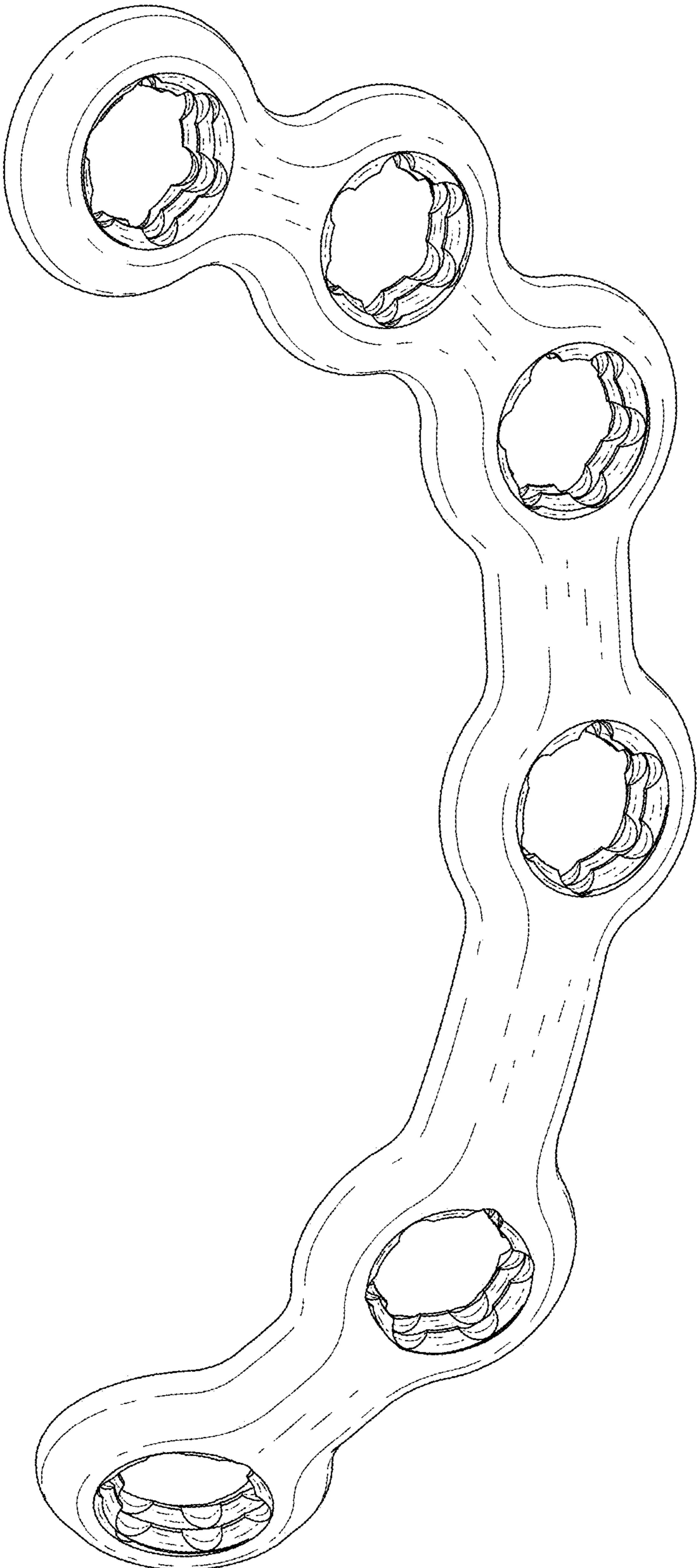


FIG. 1

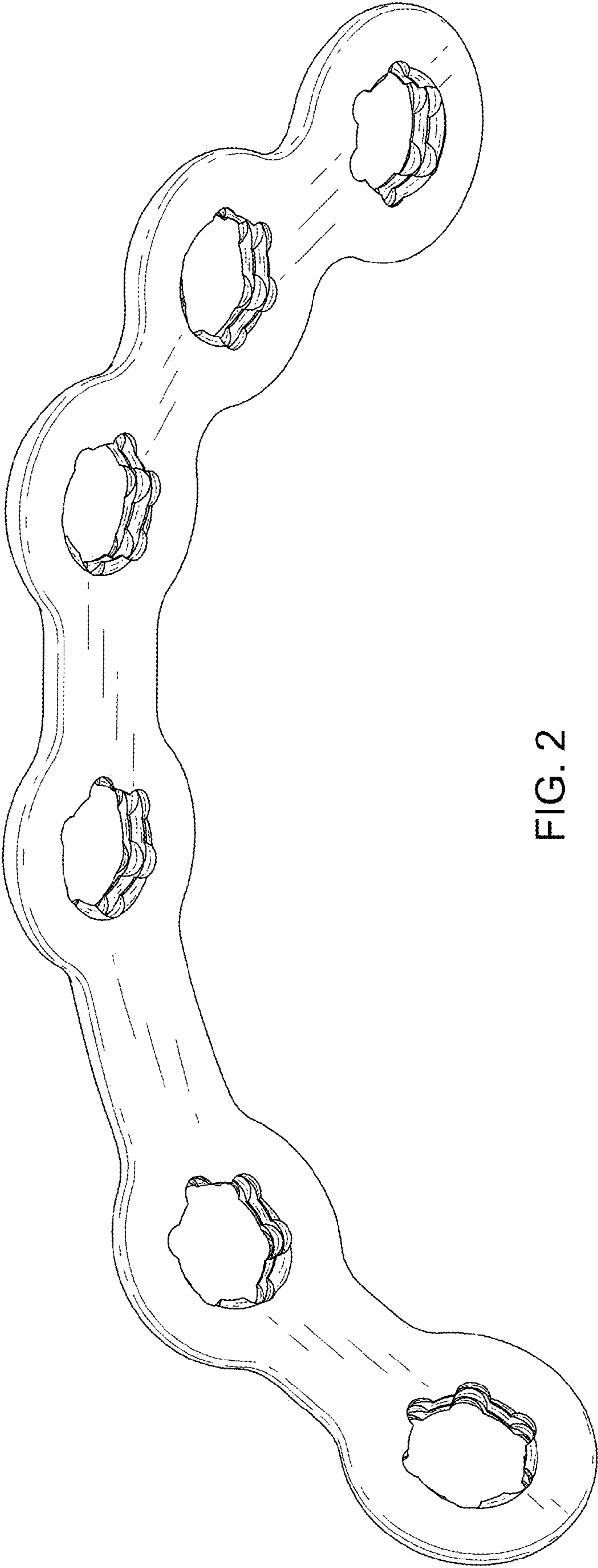


FIG. 2

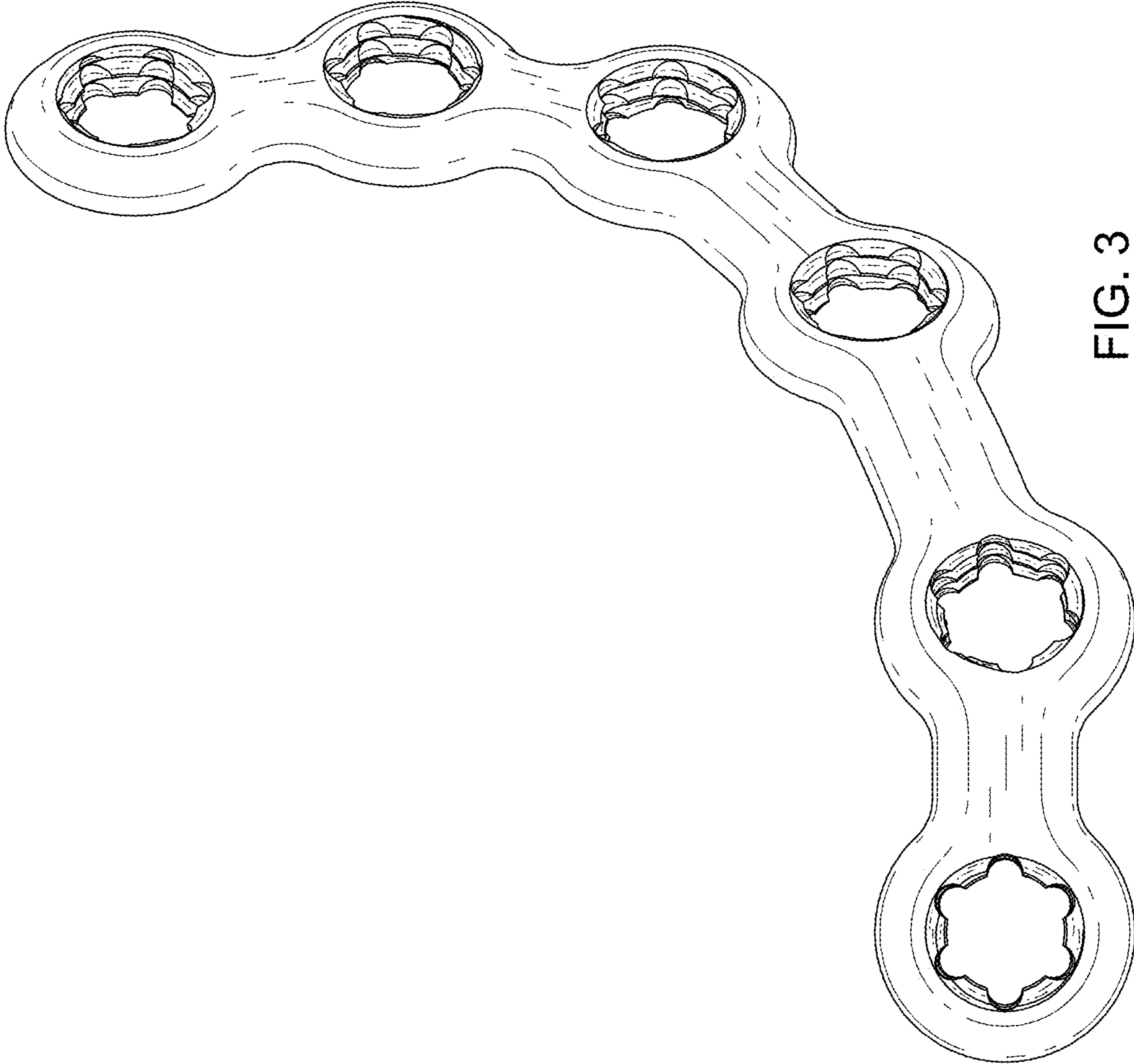


FIG. 3

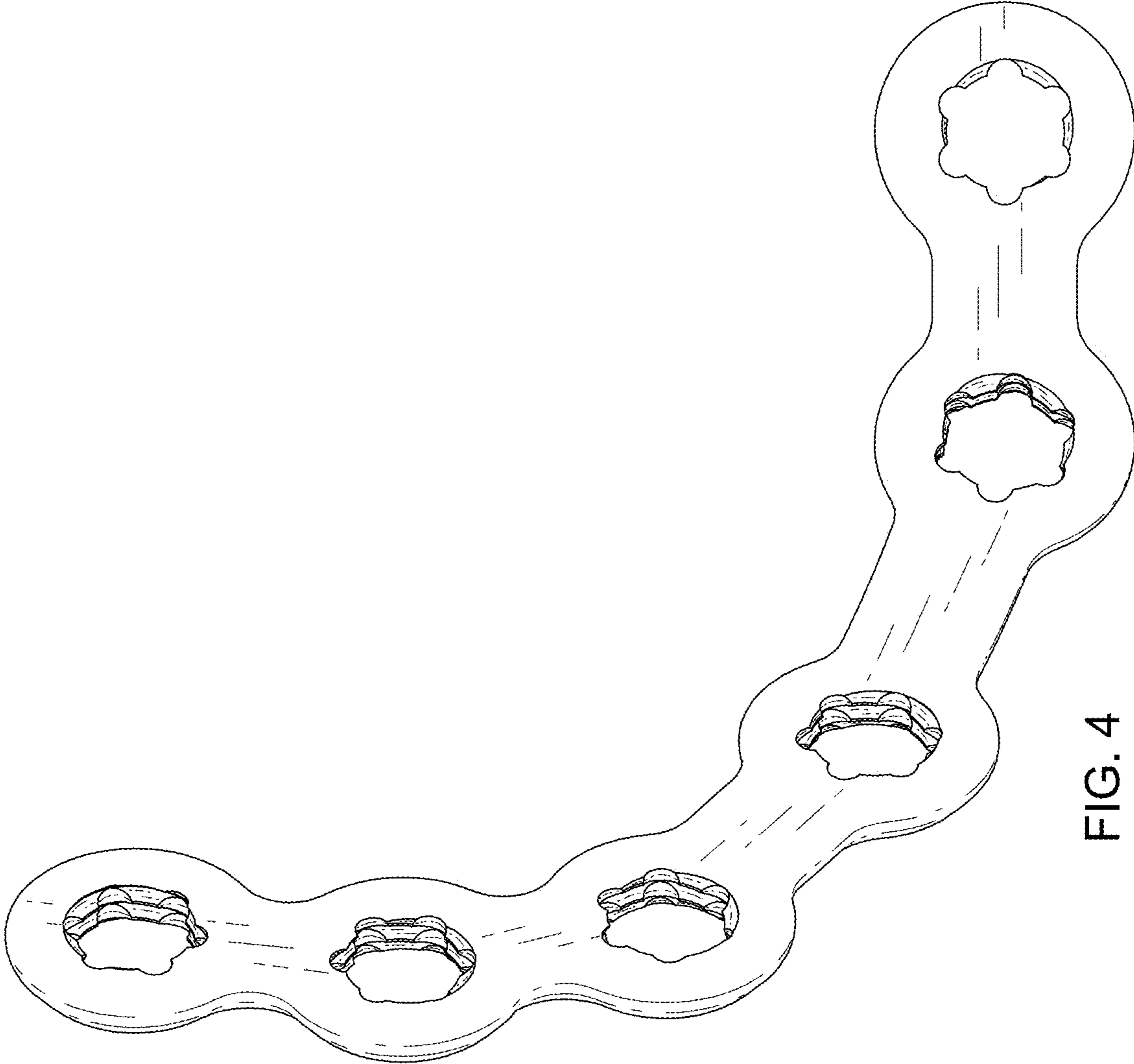


FIG. 4

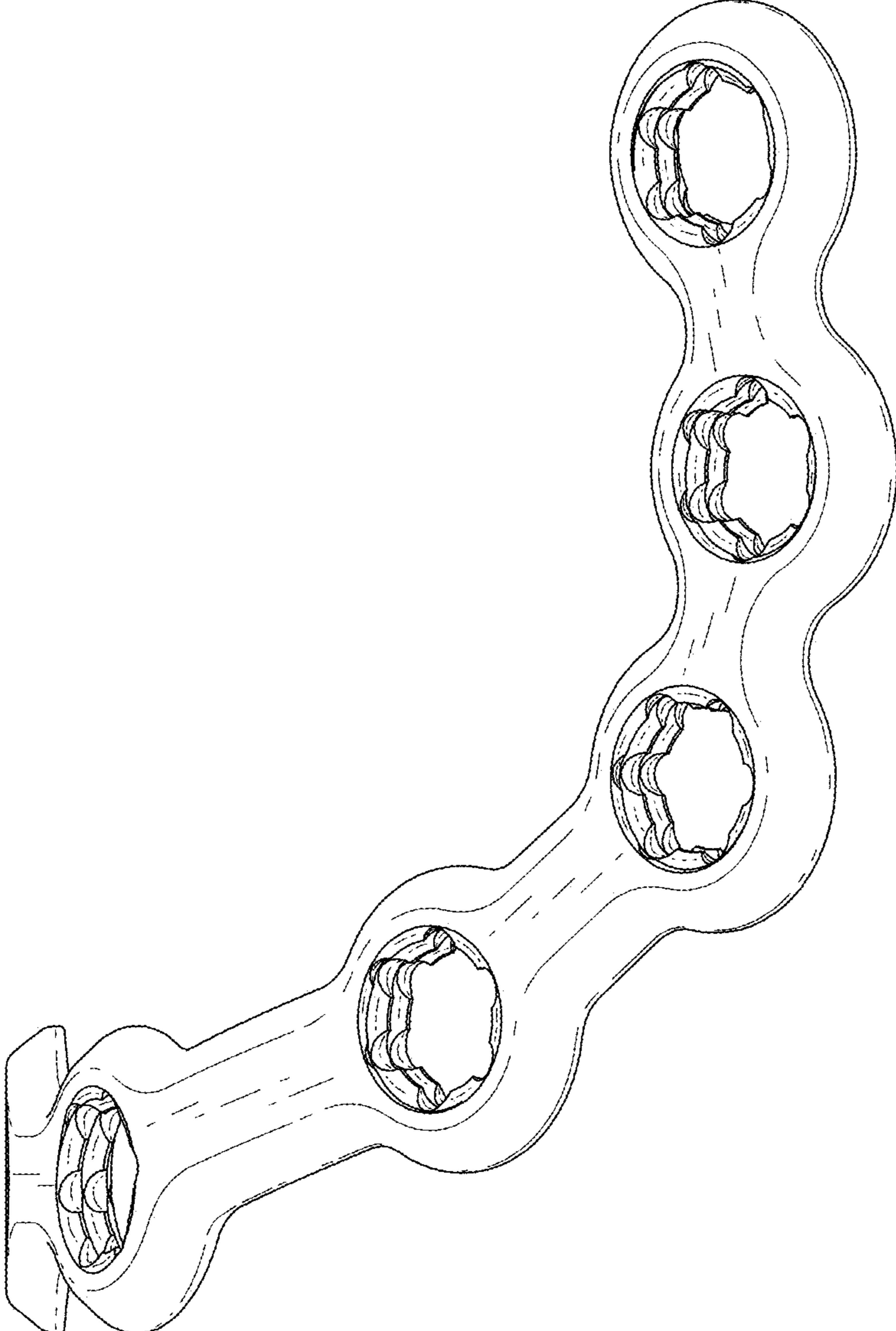


FIG. 5

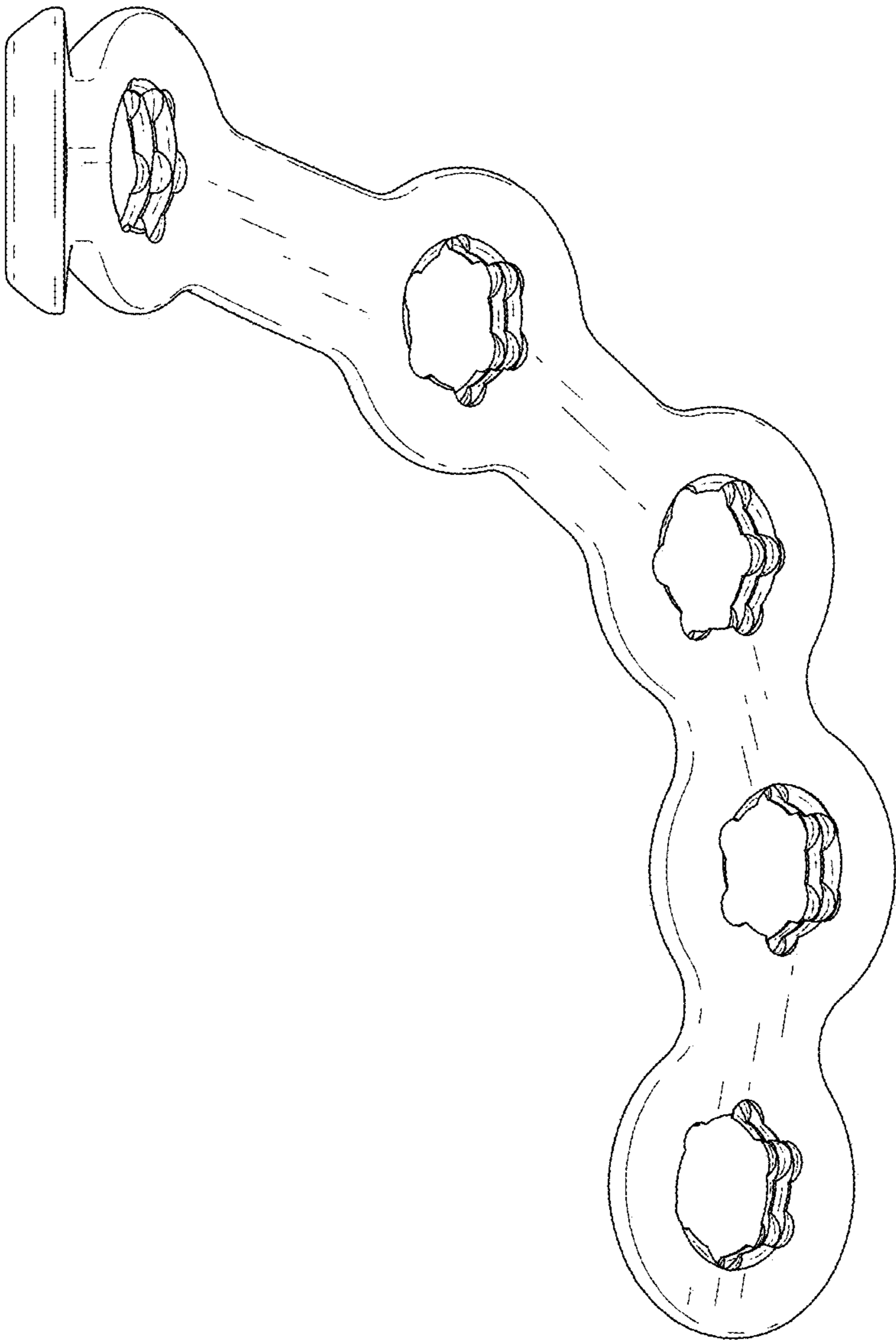


FIG. 6

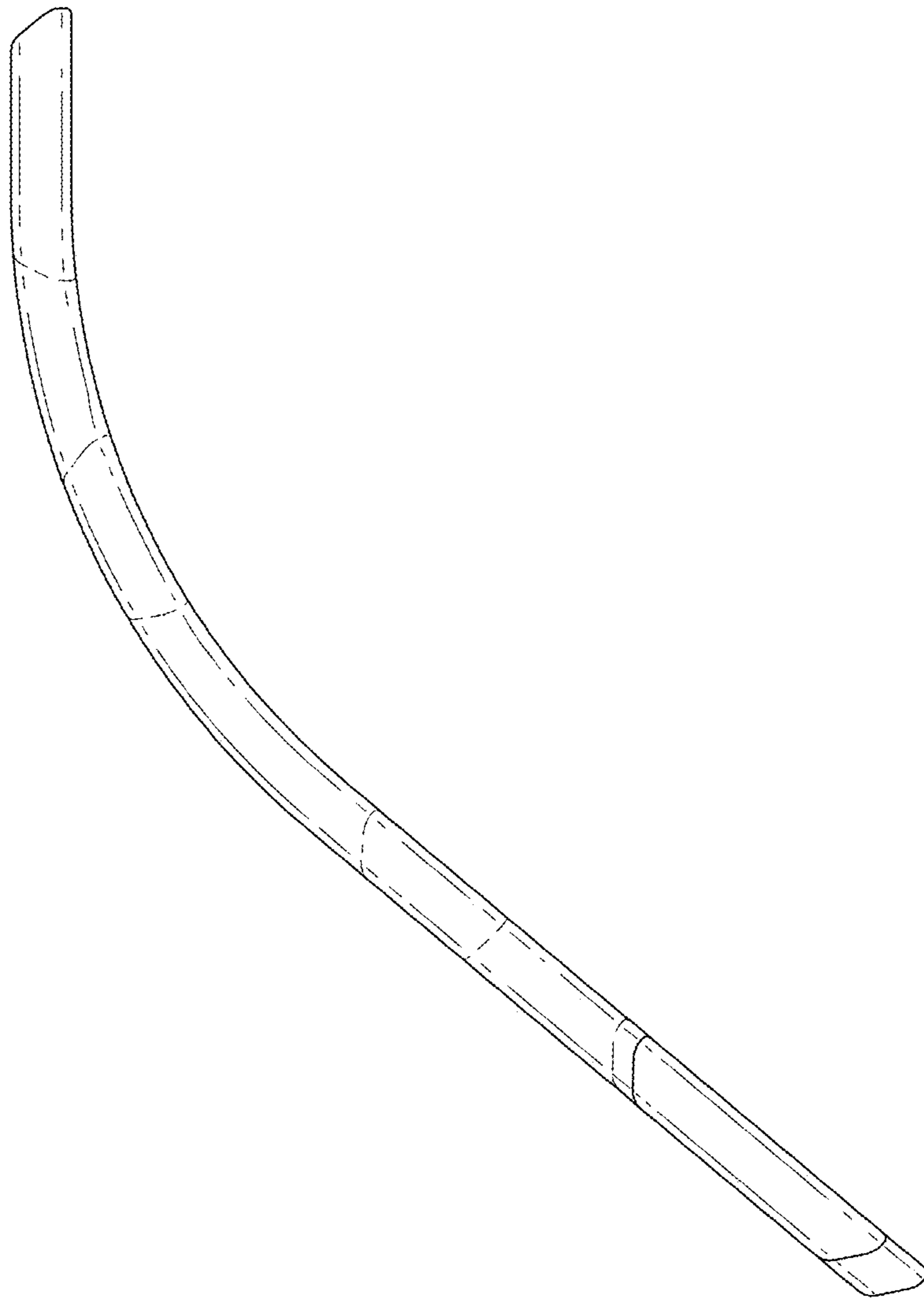


FIG. 7

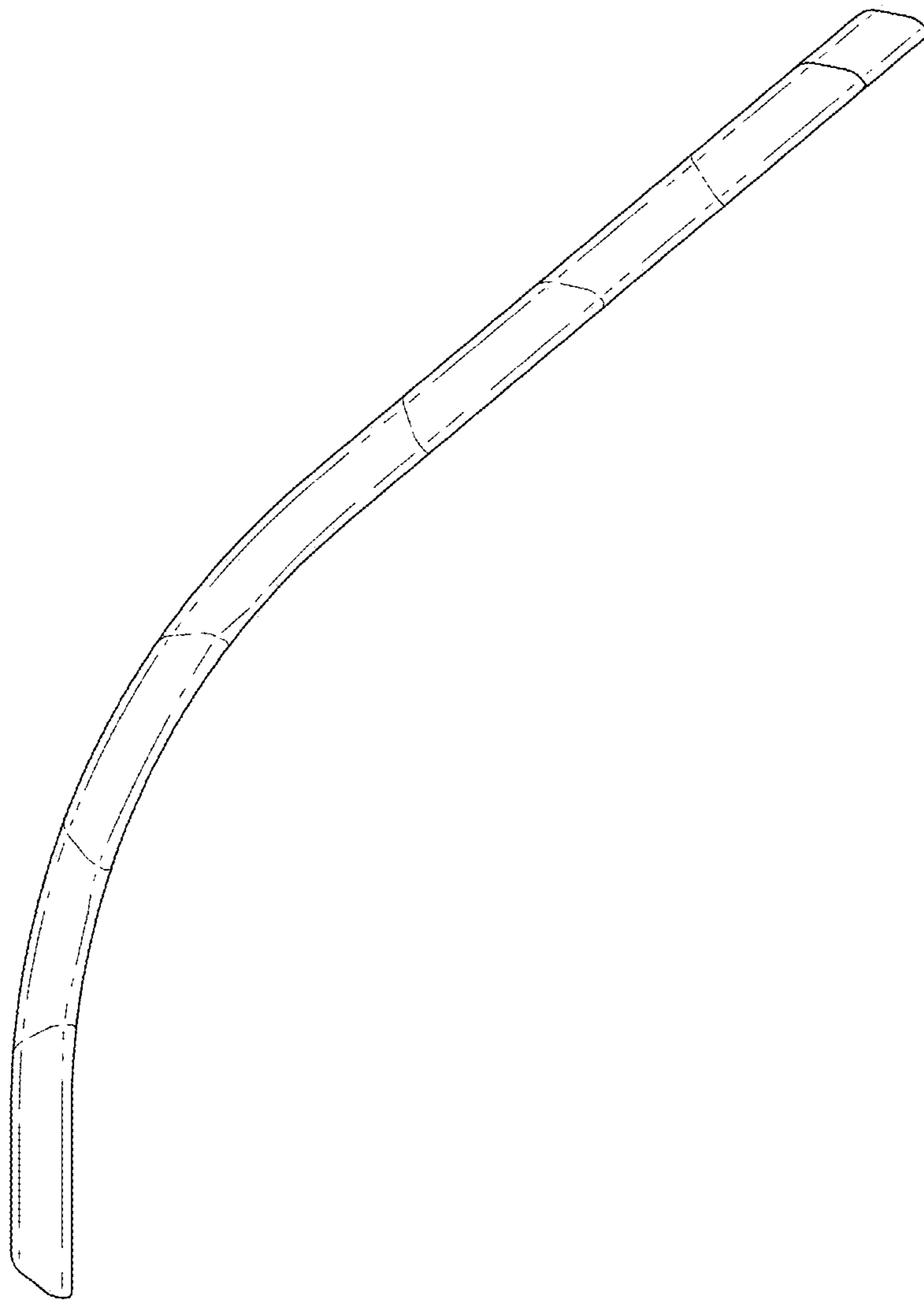


FIG. 8

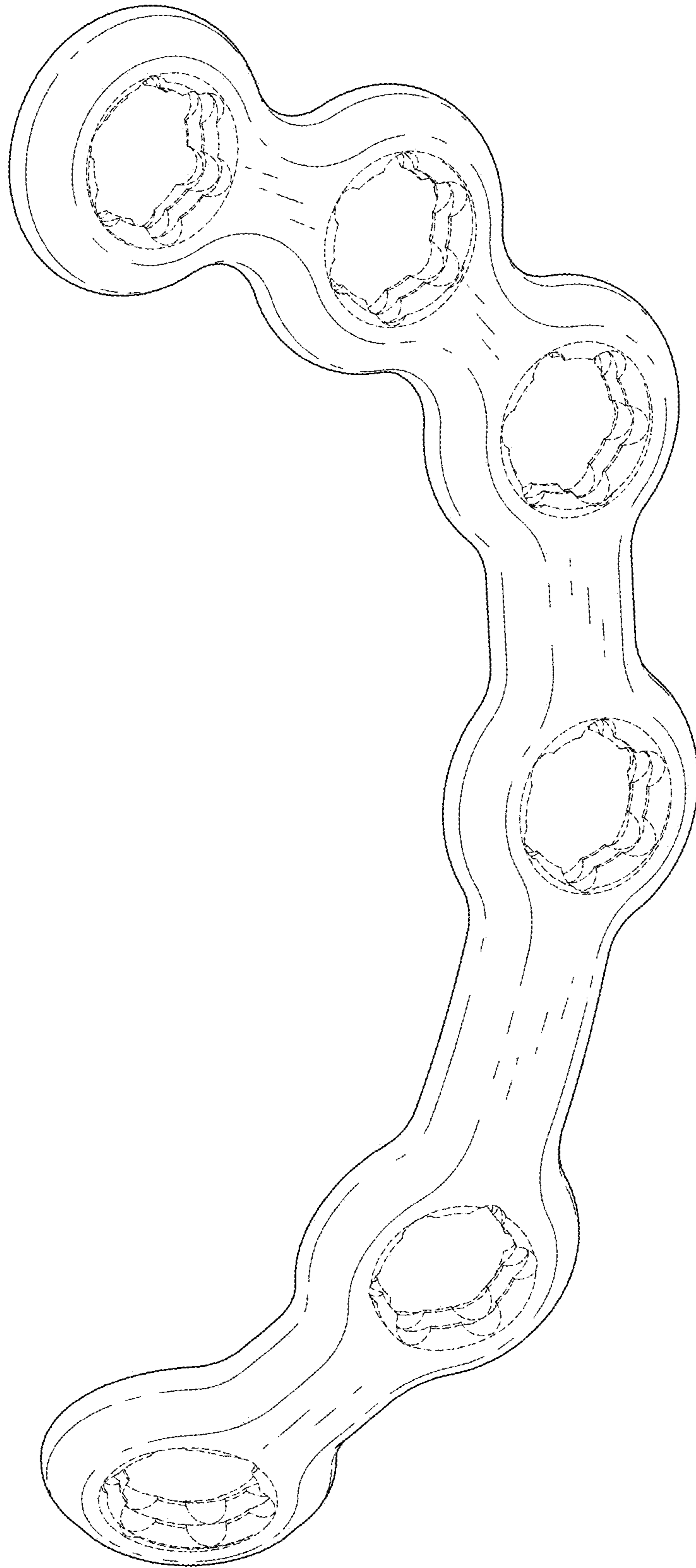


FIG. 9

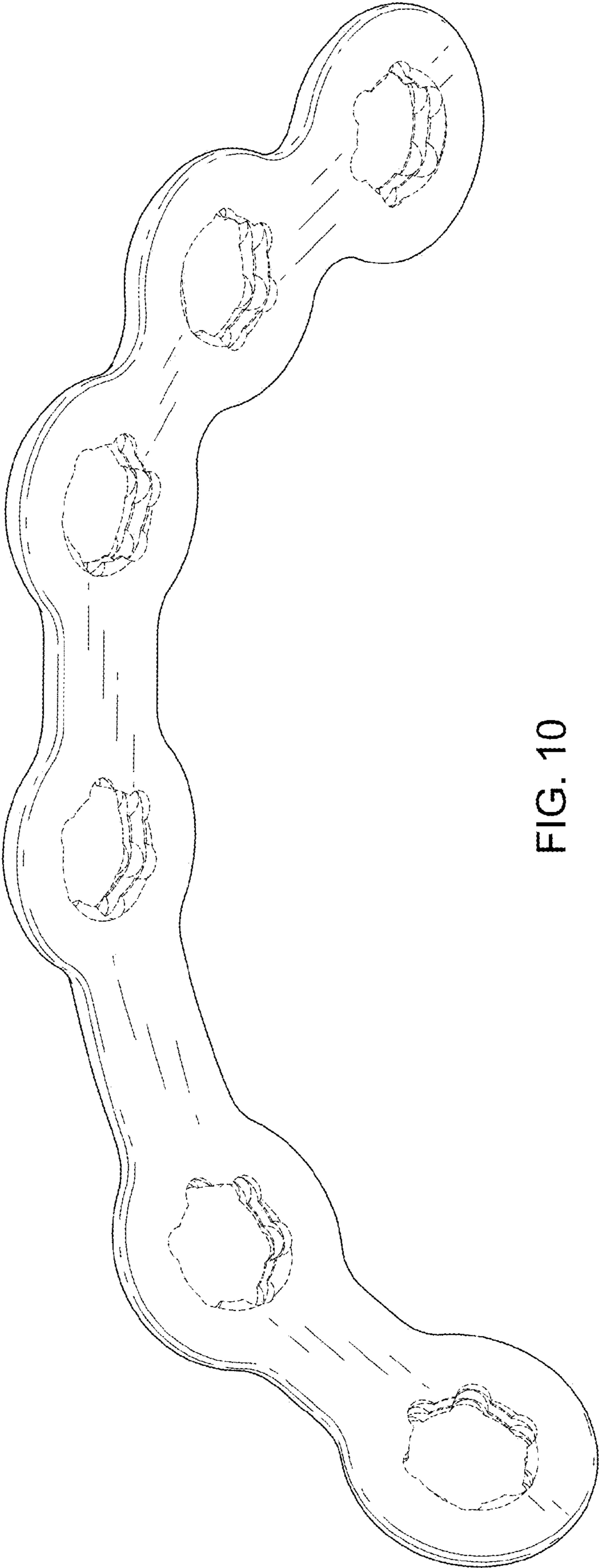


FIG. 10

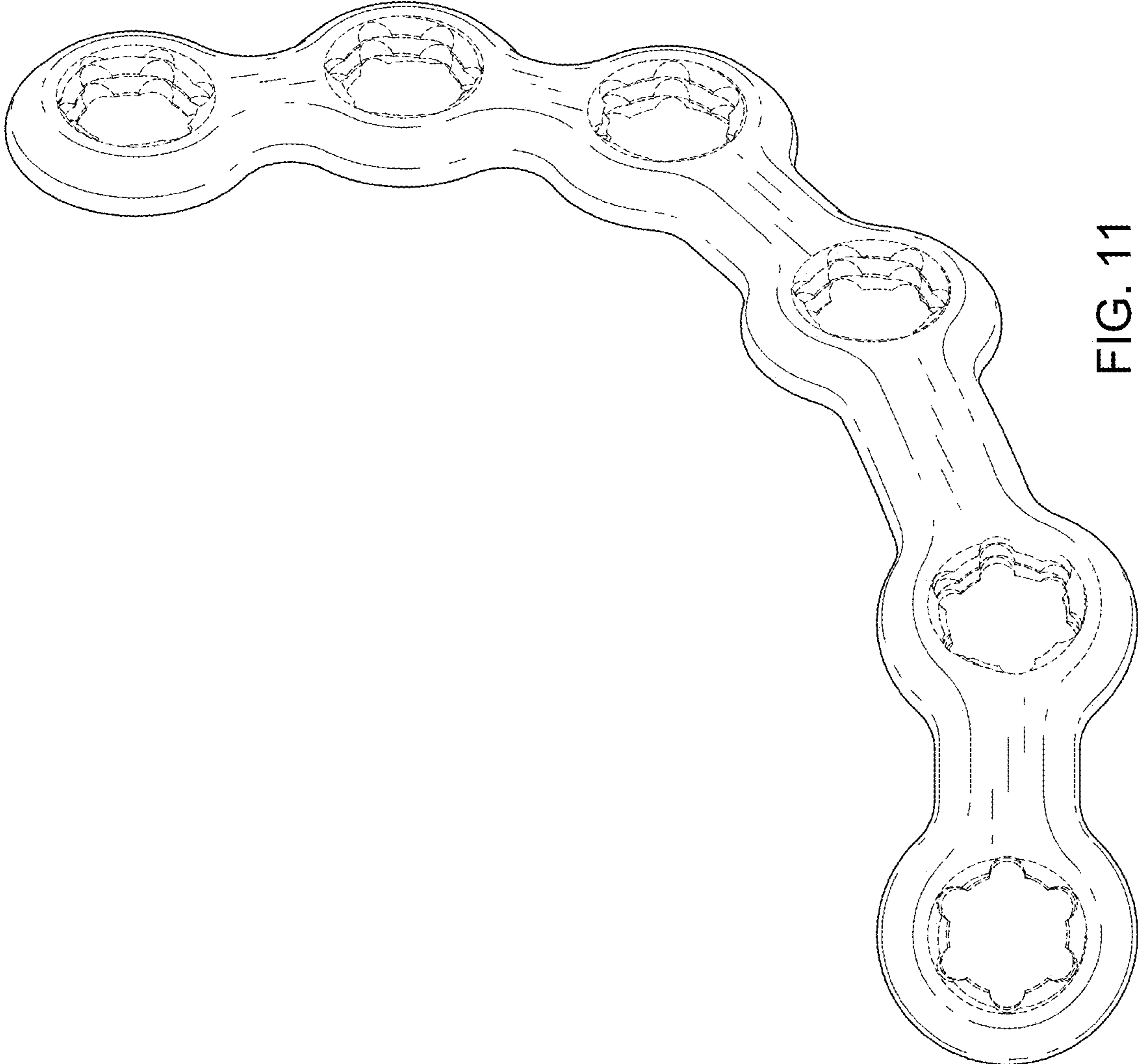


FIG. 11

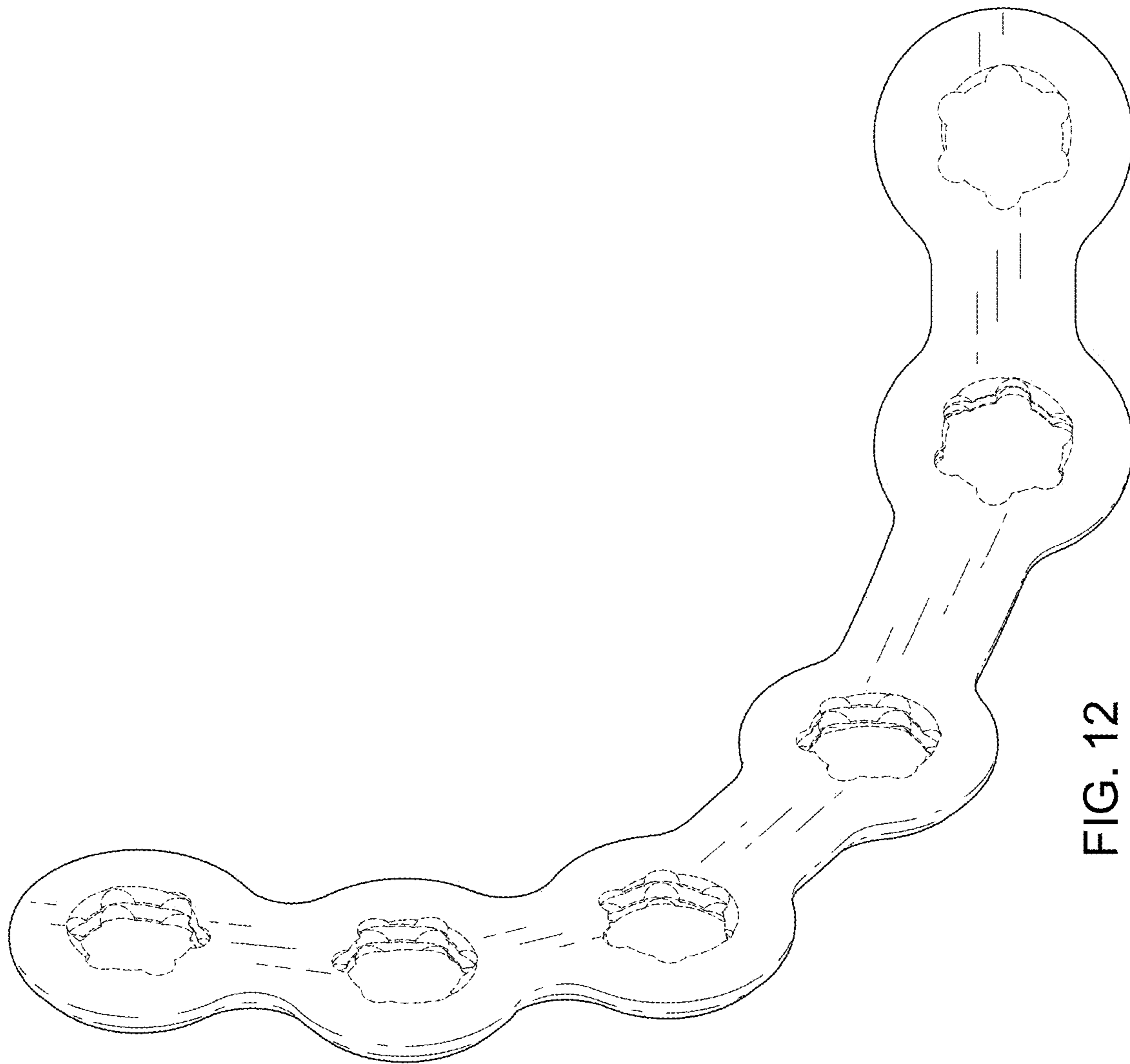


FIG. 12

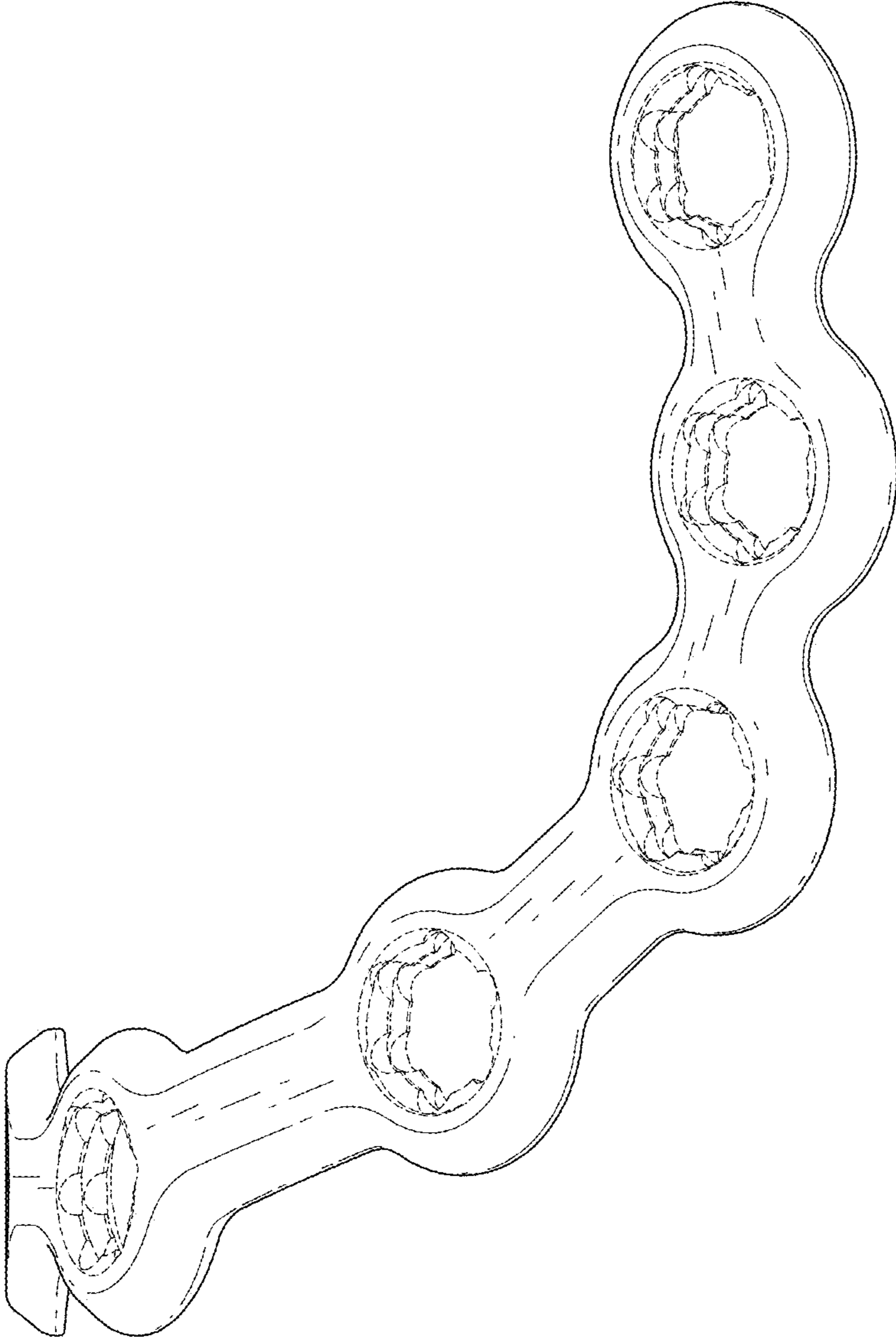


FIG. 13

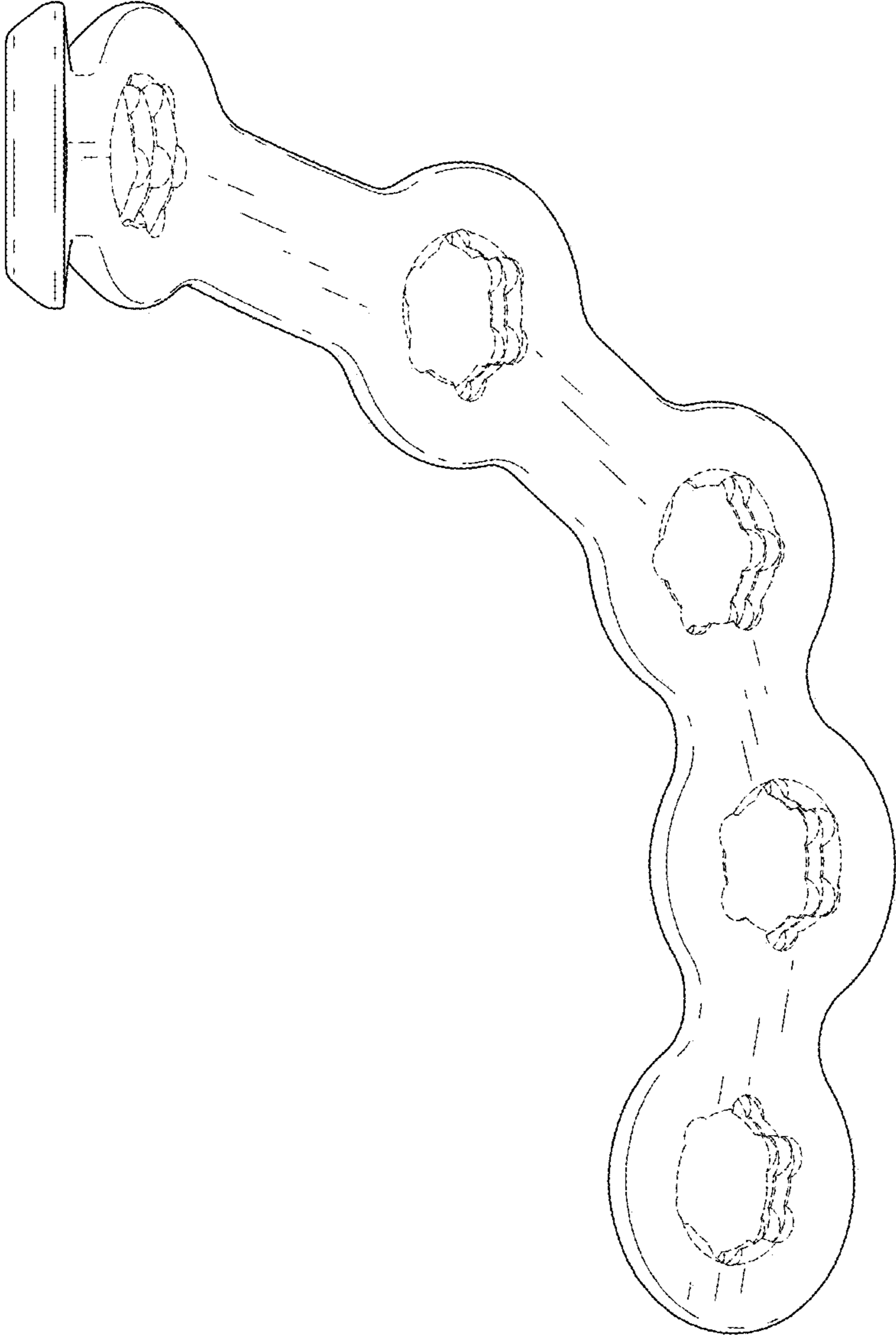


FIG. 14

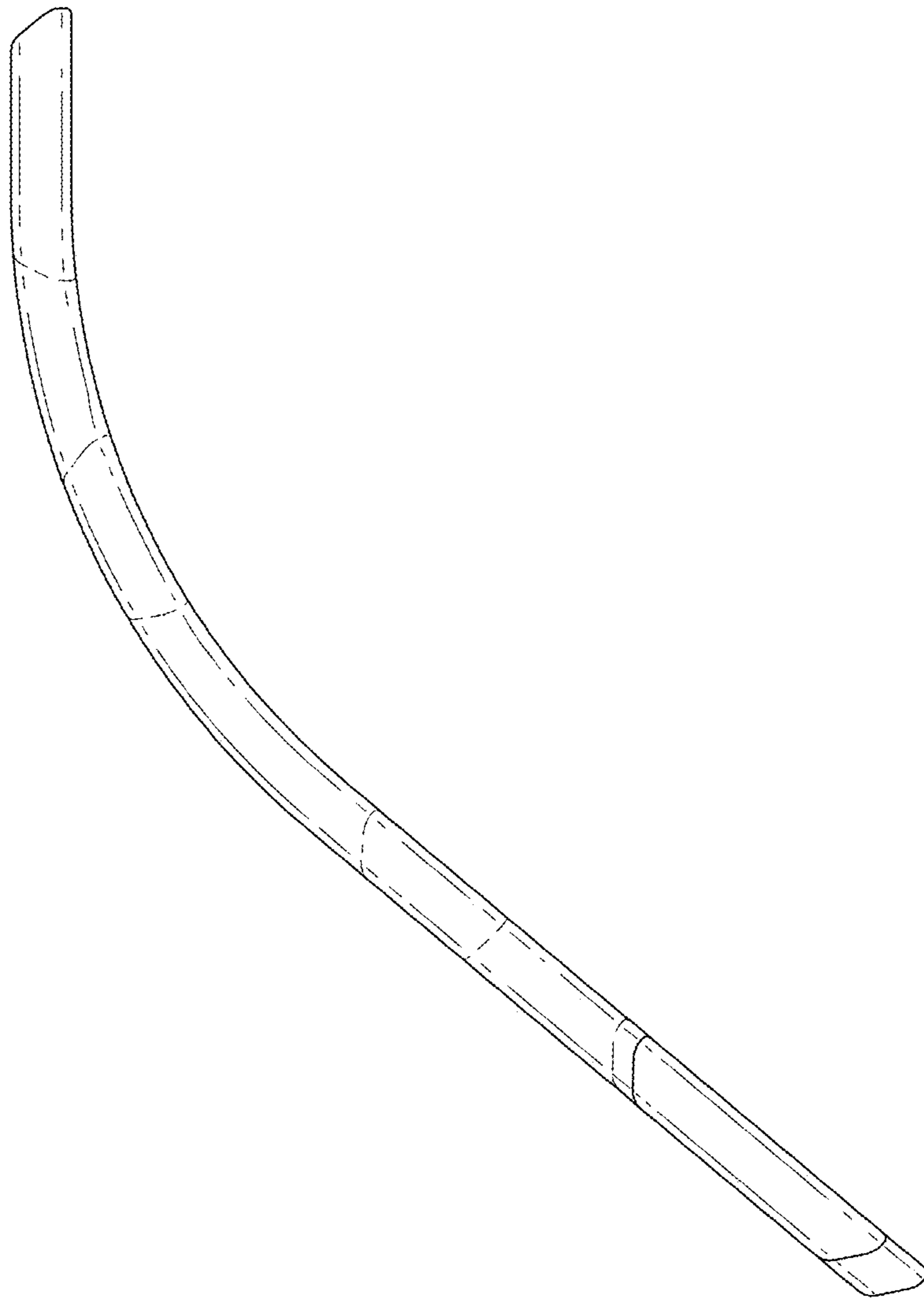


FIG. 15

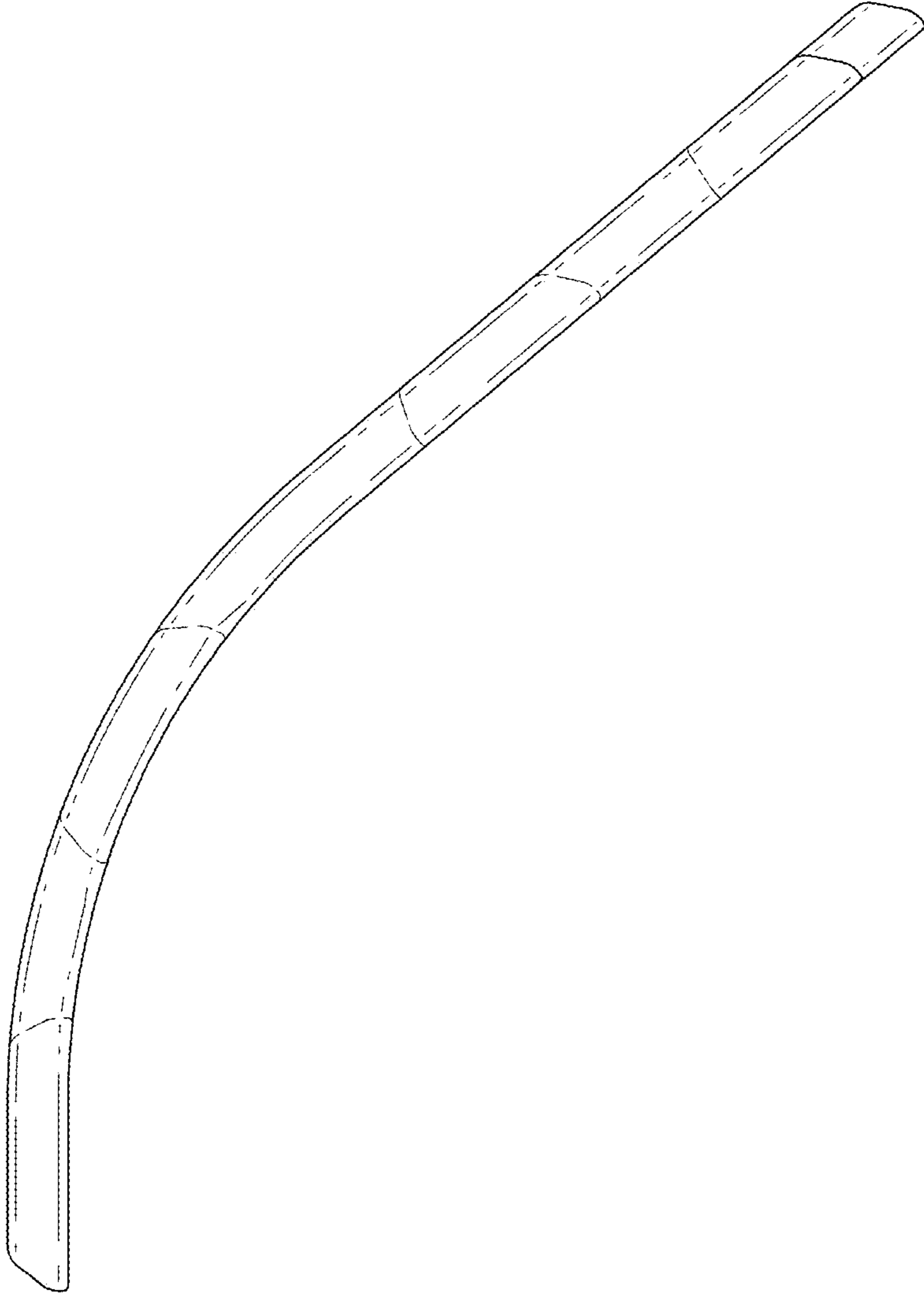


FIG. 16