



US00D774100S

(12) **United States Design Patent** (10) **Patent No.:** **US D774,100 S**
Bink et al. (45) **Date of Patent:** **** Dec. 13, 2016**

(54) **INTAKE MANIFOLD FOR AN ENGINE**

(56) **References Cited**

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U.S. PATENT DOCUMENTS

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2,384,681 A * 9/1945 Janes F02M 1/00
123/590
4,068,635 A * 1/1978 Yunick F01M 13/00
123/196 R
4,153,015 A * 5/1979 Hampton F02M 35/1045
123/184.46
4,186,695 A * 2/1980 Gartner F02M 35/10072
123/184.38
4,461,248 A * 7/1984 McFarland, Jr. F02B 27/00
123/184.35

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D277,485 S 2/1985 Iwakura et al.

(Continued)

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

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(21) Appl. No.: **29/518,155**

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(22) Filed: **Feb. 20, 2015**

(57) **CLAIM**

The ornamental design for an intake manifold for an engine, as shown and described.

Related U.S. Application Data

DESCRIPTION

(62) Division of application No. 29/479,645, filed on Jan. 17, 2014, now Pat. No. Des. 733,762.

(51) **LOC (10) Cl.** **15-01**

(52) **U.S. Cl.**

USPC **D15/5**

(58) **Field of Classification Search**

USPC D15/1, 2, 3, 5, 6, 14, 17, 149; 123/22,
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54.1, 123/54.2, 54.4, 54.5, 65 R, 195 R,
195 HC, 657, 123/311

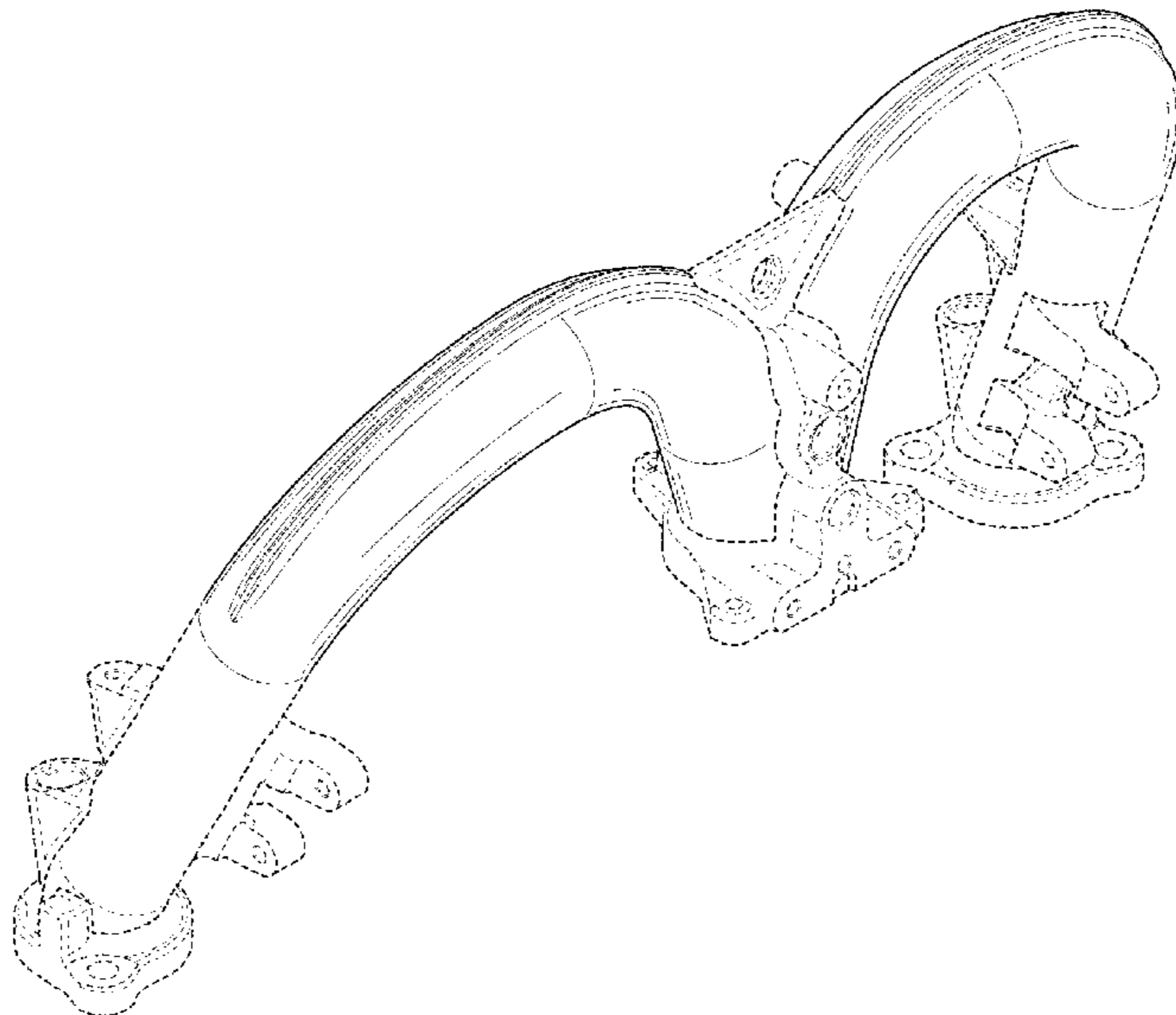
CPC F02M 35/10144; F02M 35/112; F02M
35/116; F02M 35/162; F02M 35/10039;
F02M 35/10052; F02M 35/10078; F02M
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35/10321; F02M 35/10098; F02M
35/10072; F02M 35/104; F02M 35/10085

See application file for complete search history.

FIG. 1 is an elevated rear-right perspective view of an intake manifold for an engine according to the new design;
FIG. 2 is an elevated rear-left perspective view thereof;
FIG. 3 is an elevated front-left perspective view thereof;
FIG. 4 is an elevated front-right perspective view thereof;
FIG. 5 is a rear elevational view thereof;
FIG. 6 is a front elevational view thereof;
FIG. 7 is a right-side elevational view thereof;
FIG. 8 is a left-side elevational view thereof;
FIG. 9 is a top plan view thereof; and,
FIG. 10 is a bottom plan view thereof.

All broken lines shown in the drawings are for environmental purposes only and form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D289,766 S * 5/1987 Evans D12/194
 D330,897 S 11/1992 Carlson et al.
 5,309,886 A * 5/1994 Hitomi F02B 75/22
 123/568.12
 5,337,724 A * 8/1994 Arakawa F02B 29/0412
 123/563
 D352,042 S 11/1994 Davies, III
 D352,043 S 11/1994 Davies, III
 D366,660 S 1/1996 Benson
 D373,590 S 9/1996 Benson
 5,638,785 A * 6/1997 Lee F02B 27/02
 123/184.35
 D396,045 S 7/1998 Neeley
 D396,476 S 7/1998 Shimizu
 D397,342 S 8/1998 Shimizu
 6,390,080 B1 * 5/2002 Dowding F01M 13/022
 123/572
 D466,905 S 12/2002 Neeley et al.
 D468,751 S 1/2003 Neeley et al.
 D471,560 S 3/2003 Davis
 D484,889 S 1/2004 Neeley et al.
 D487,751 S 3/2004 Neeley et al.
 D491,192 S 6/2004 Davis
 D491,193 S 6/2004 Davis

D513,012 S 12/2005 Strandell et al.
 D513,754 S 1/2006 Strandell et al.
 D517,672 S 3/2006 Schmitt et al.
 D518,157 S 3/2006 Clark et al.
 D525,991 S 8/2006 Walters
 D527,022 S 8/2006 Walters
 D527,741 S 9/2006 Vervoors
 D529,924 S 10/2006 Ryczek et al.
 D536,004 S 1/2007 Ryczek et al.
 D538,823 S 3/2007 Vervoors
 D540,819 S 4/2007 Schmitt et al.
 D541,300 S 4/2007 Geisheker et al.
 D548,750 S 8/2007 Neeley et al.
 D553,645 S 10/2007 Drew et al.
 D583,831 S 12/2008 Post et al.
 D594,878 S 6/2009 Post et al.
 8,276,560 B2 * 10/2012 Hasebe F02B 75/22
 123/184.32
 D671,959 S 12/2012 Burey et al.
 2005/0132984 A1 * 6/2005 Fuerlinger B64D 27/04
 123/54.1
 2008/0156283 A1 * 7/2008 Hasebe F02B 75/22
 123/54.4
 2008/0164696 A1 * 7/2008 Edamatsu F02M 17/34
 285/368
 2008/0264361 A1 * 10/2008 Hashimoto F01L 1/146
 123/54.4

* cited by examiner

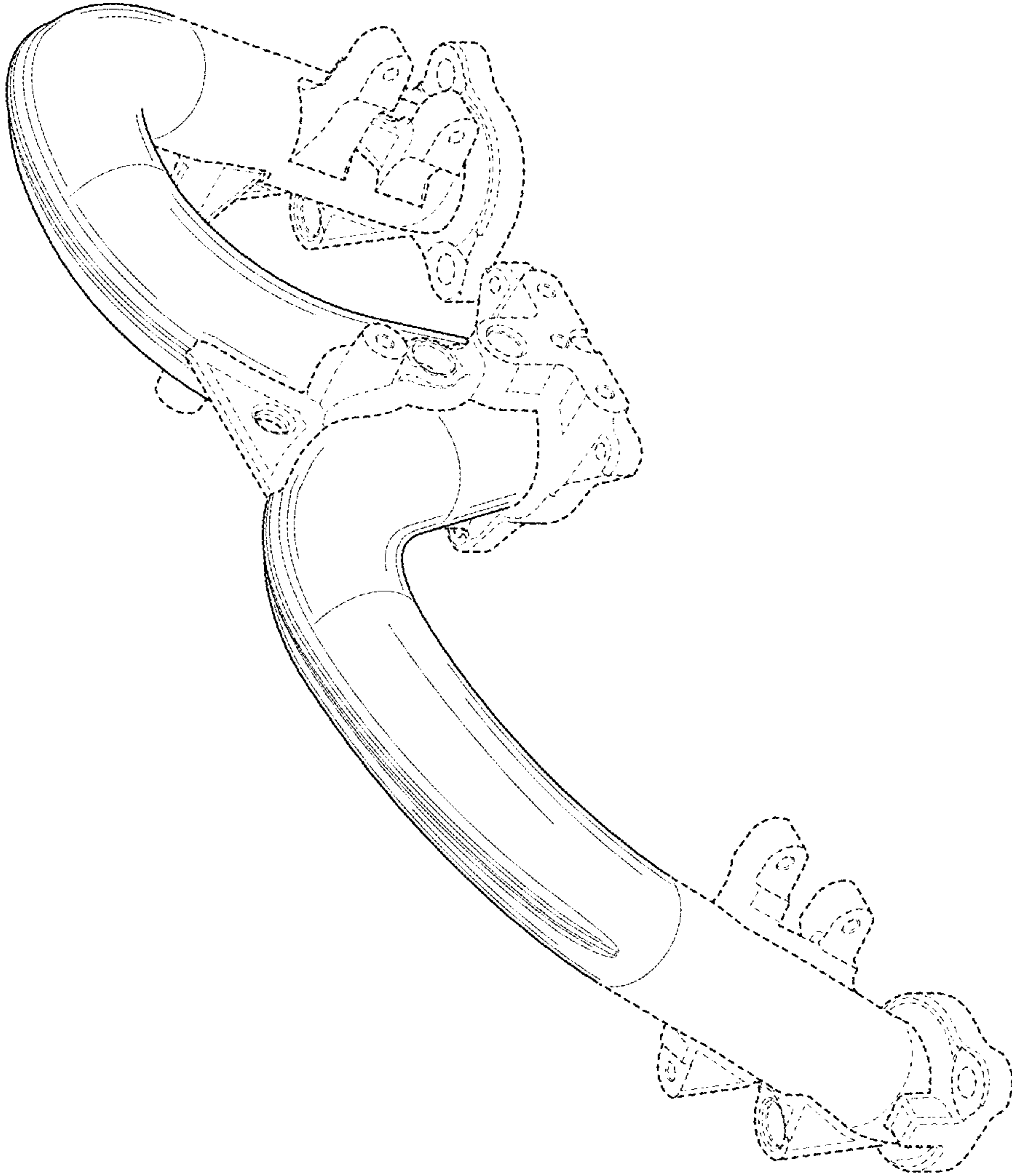


FIG. 1

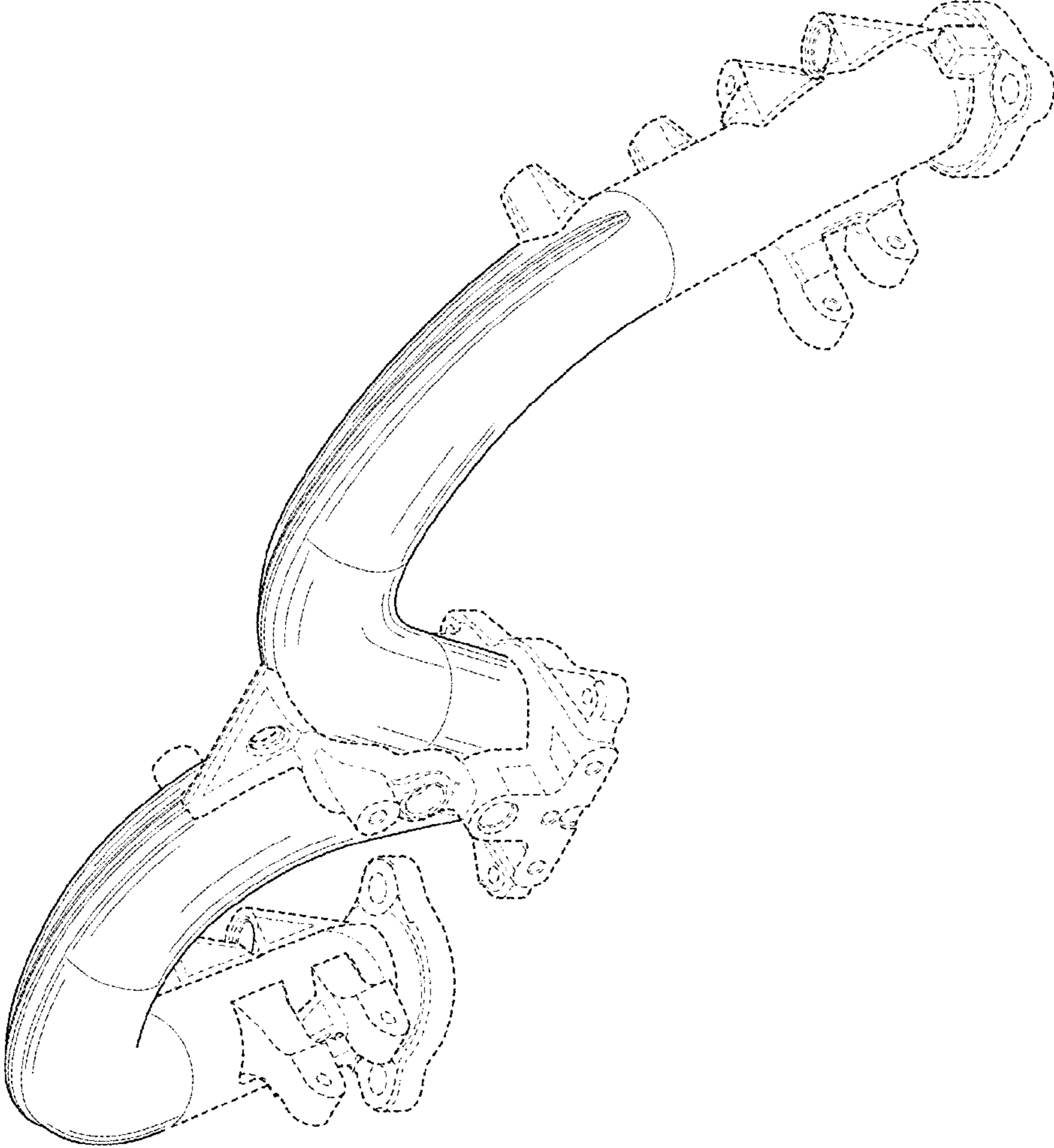


FIG. 2

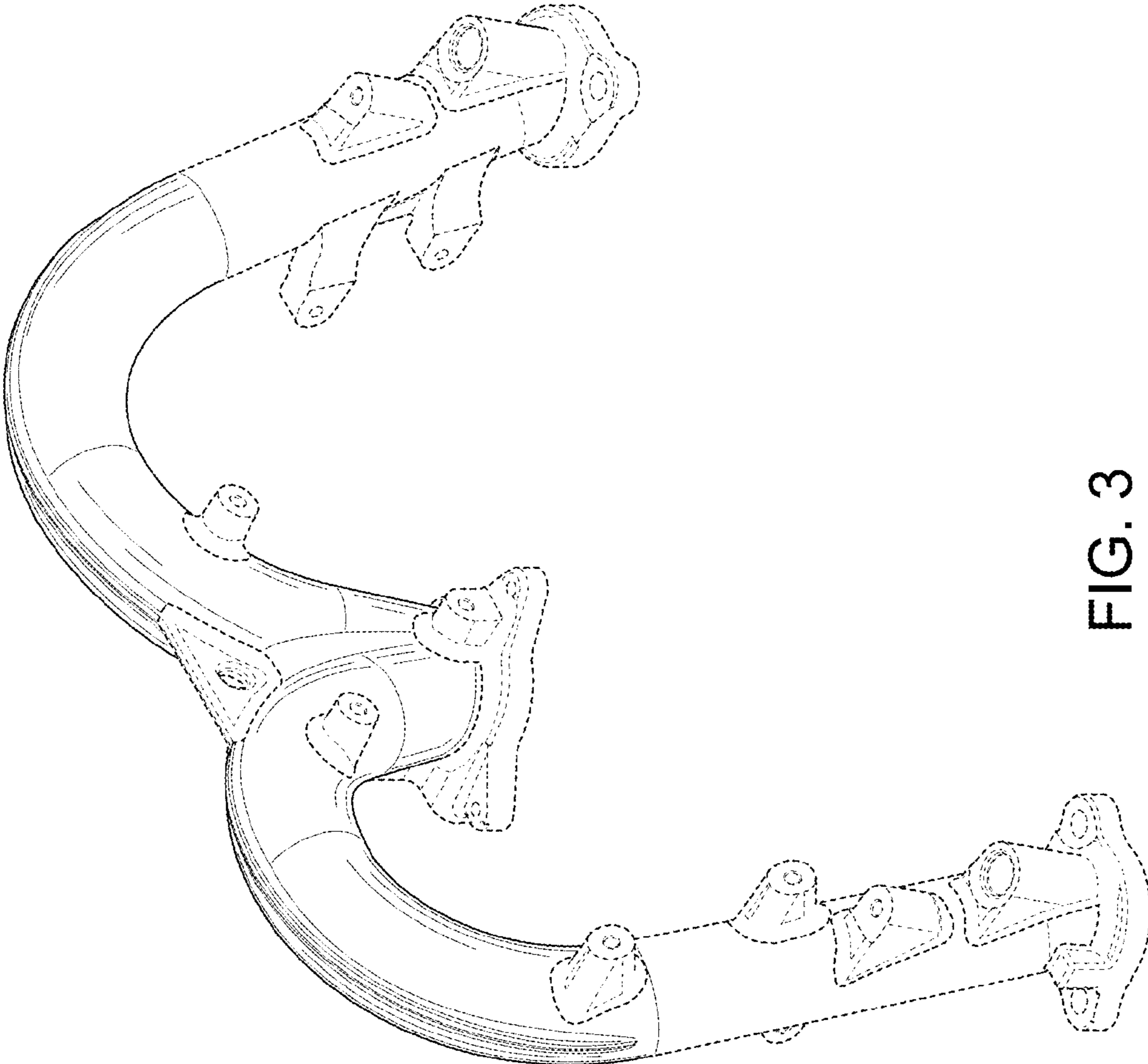


FIG. 3

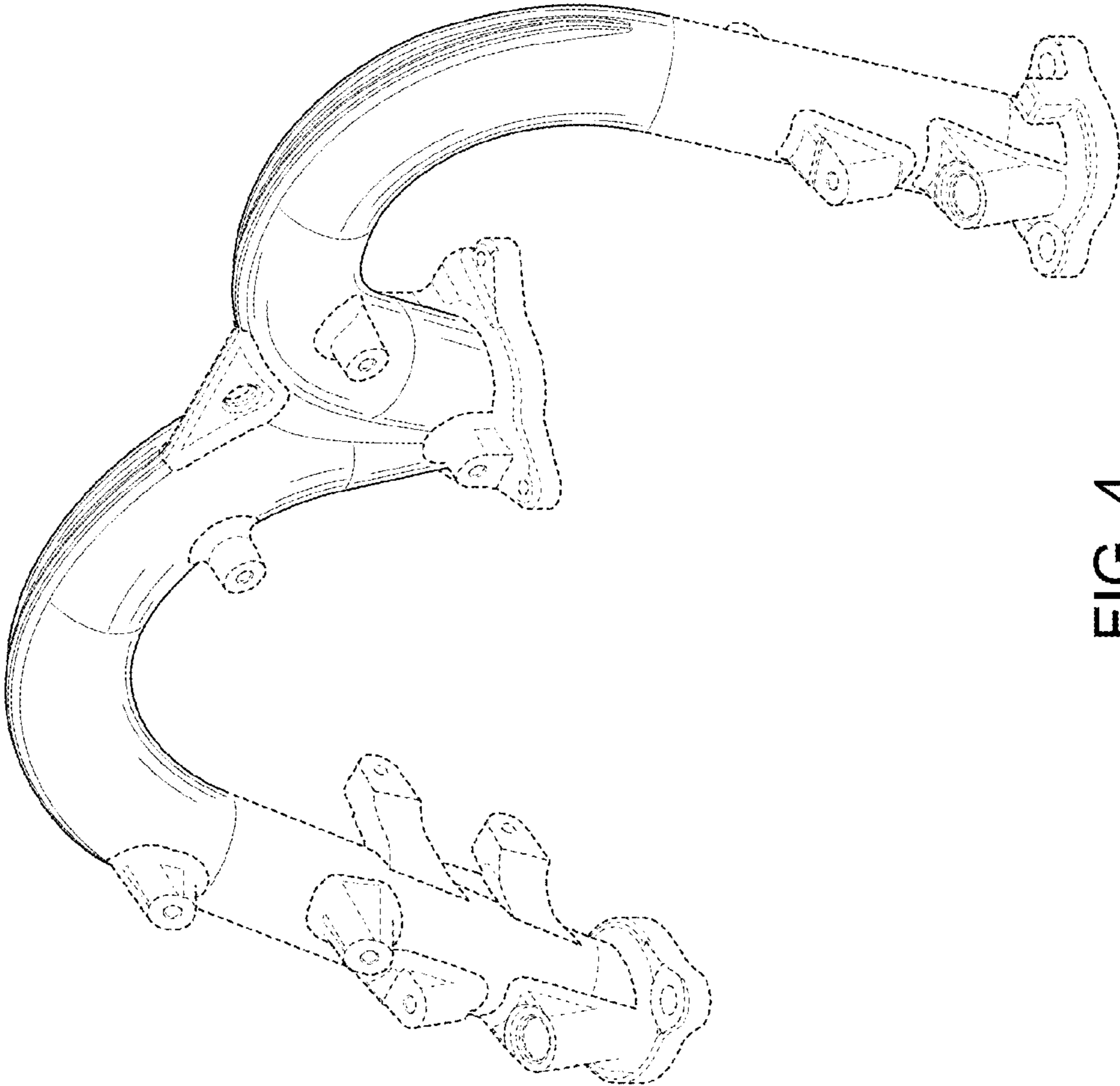


FIG. 4

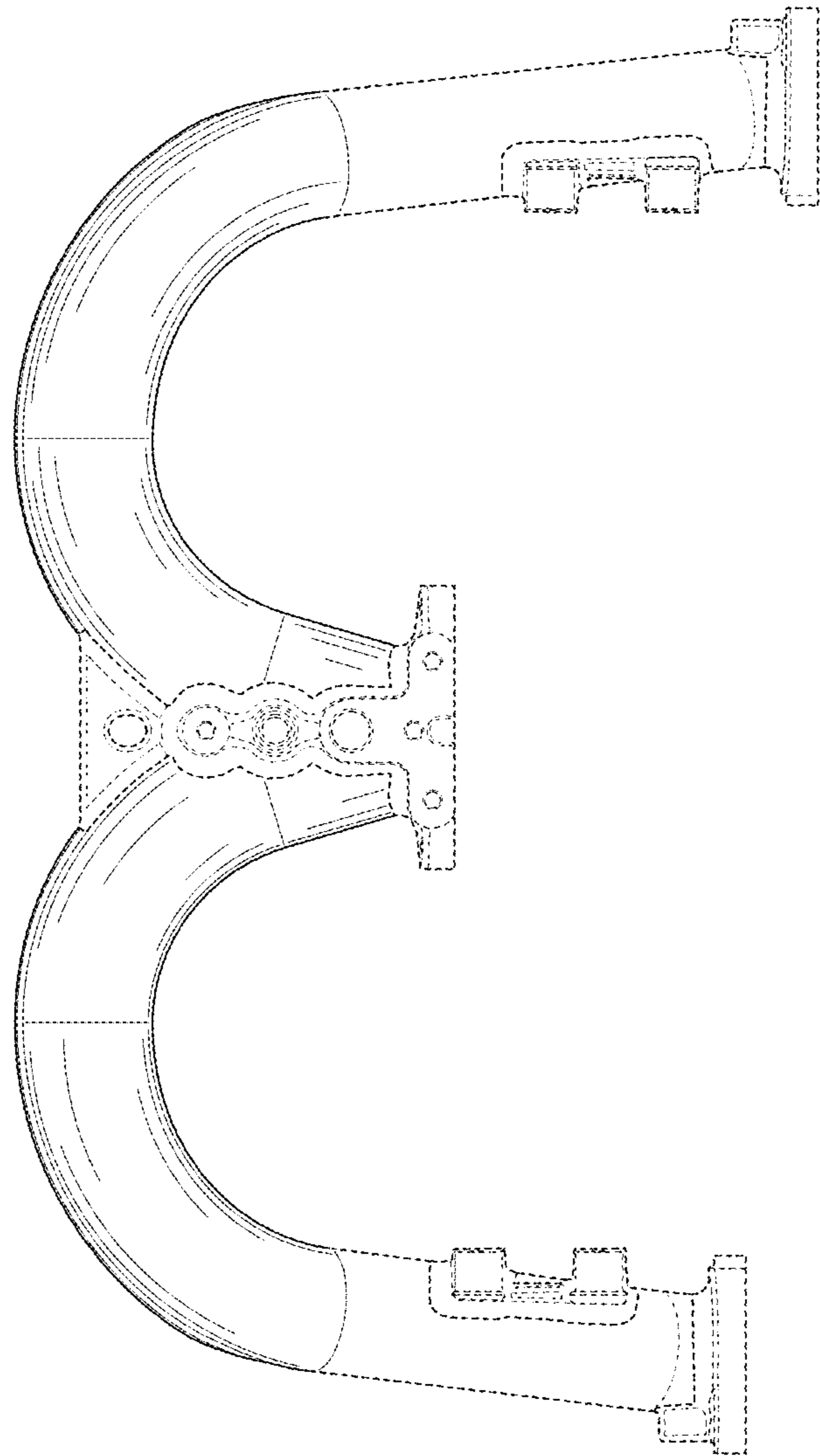


FIG. 5

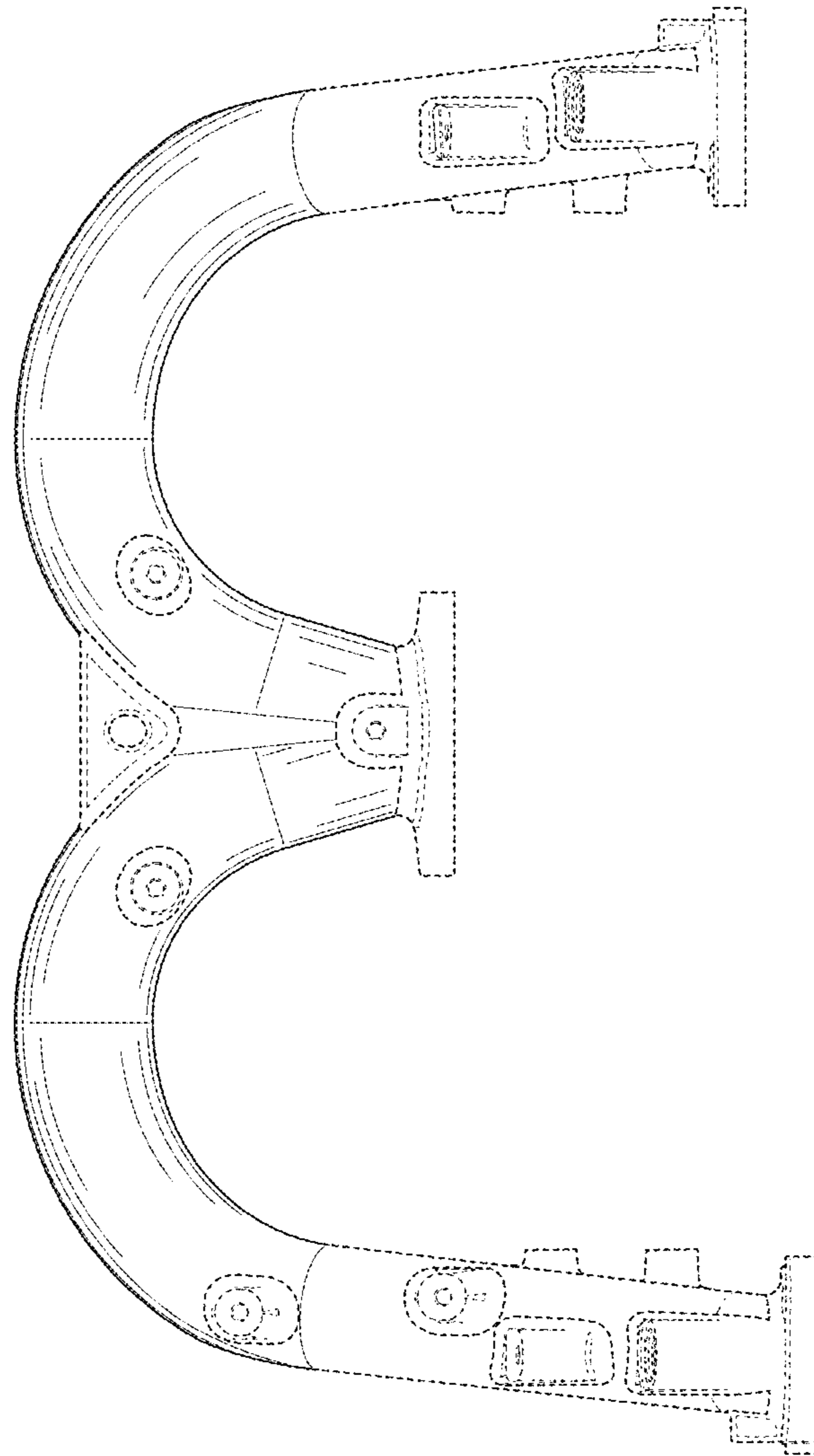


FIG. 6

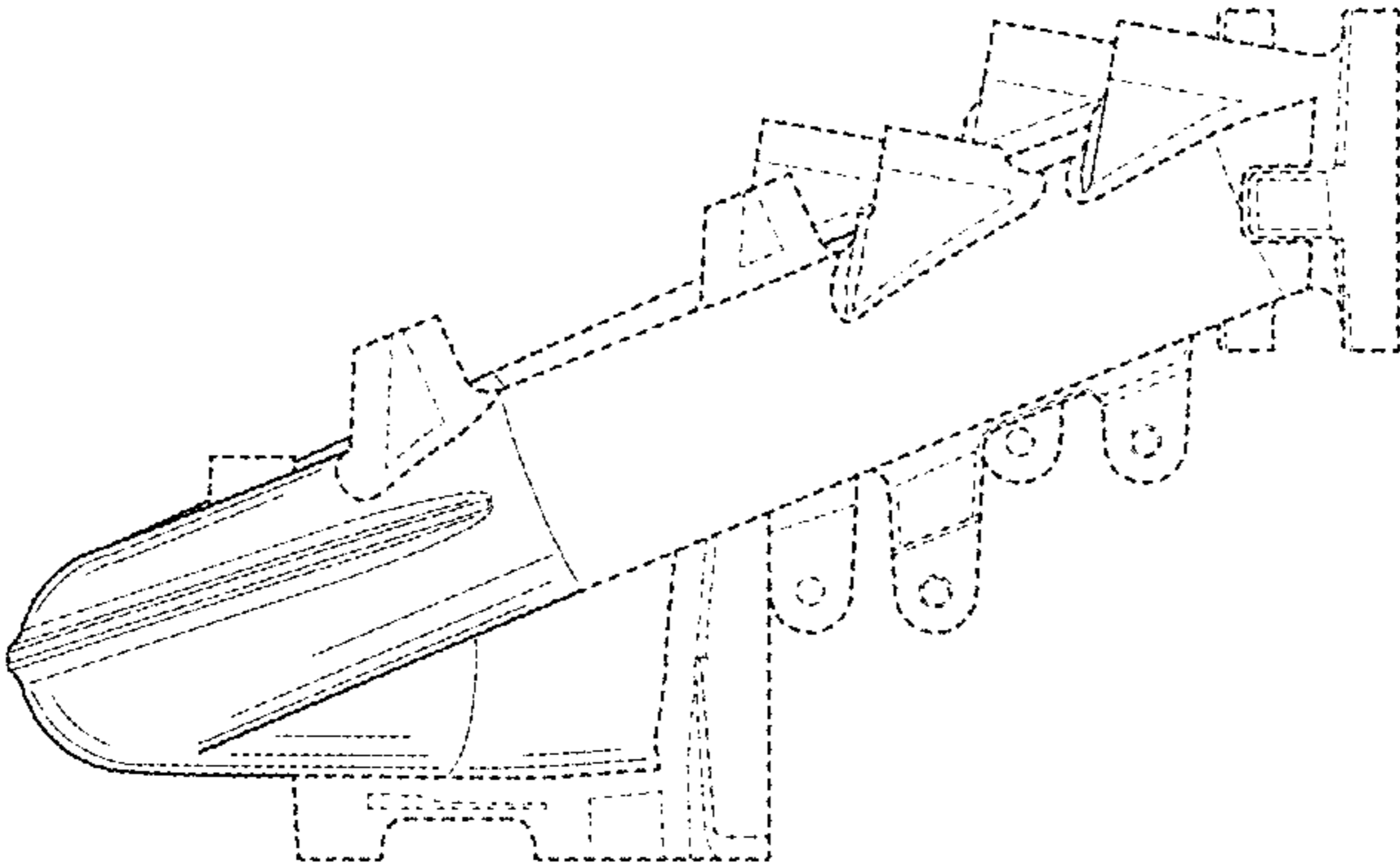


FIG. 8

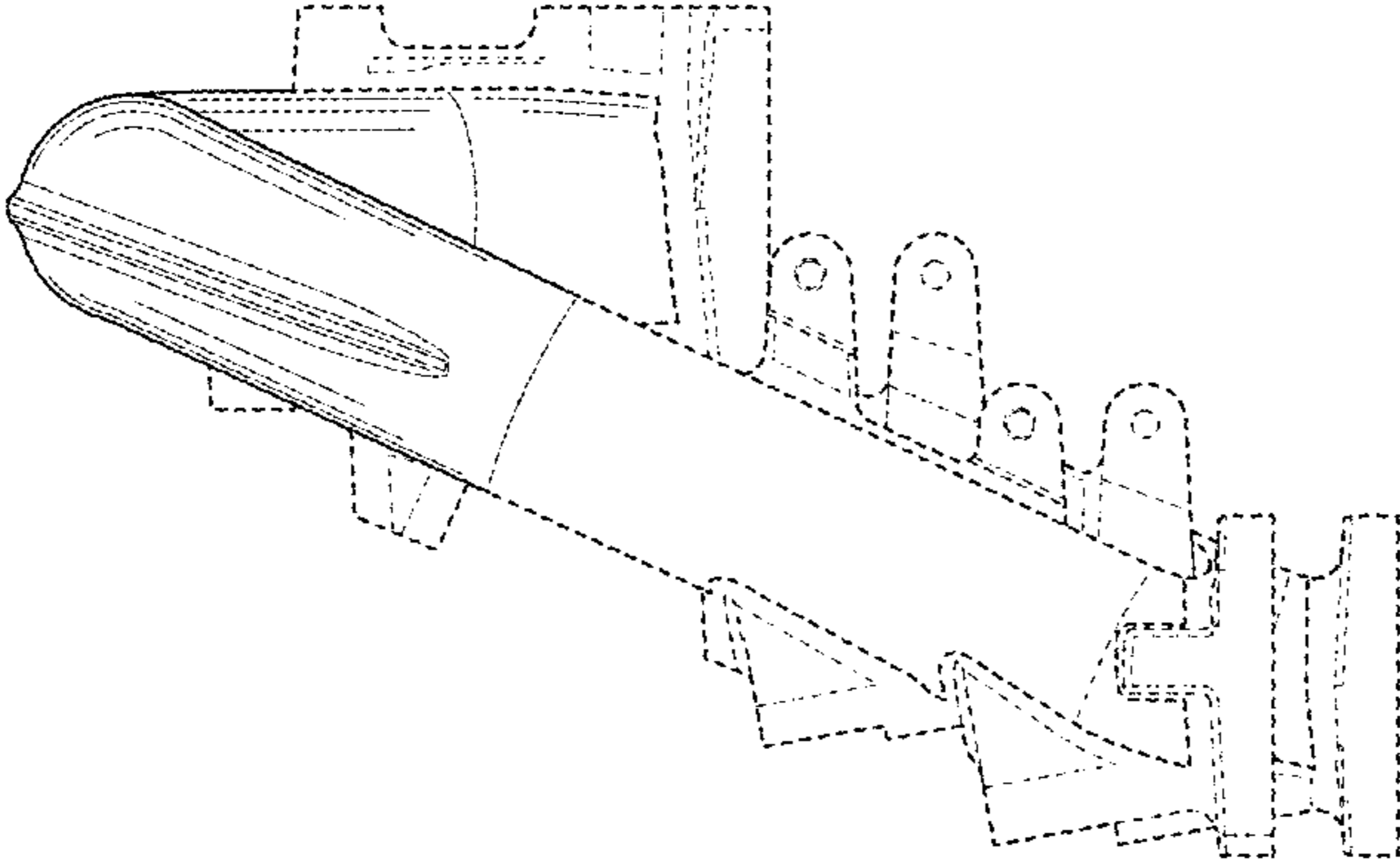


FIG. 7

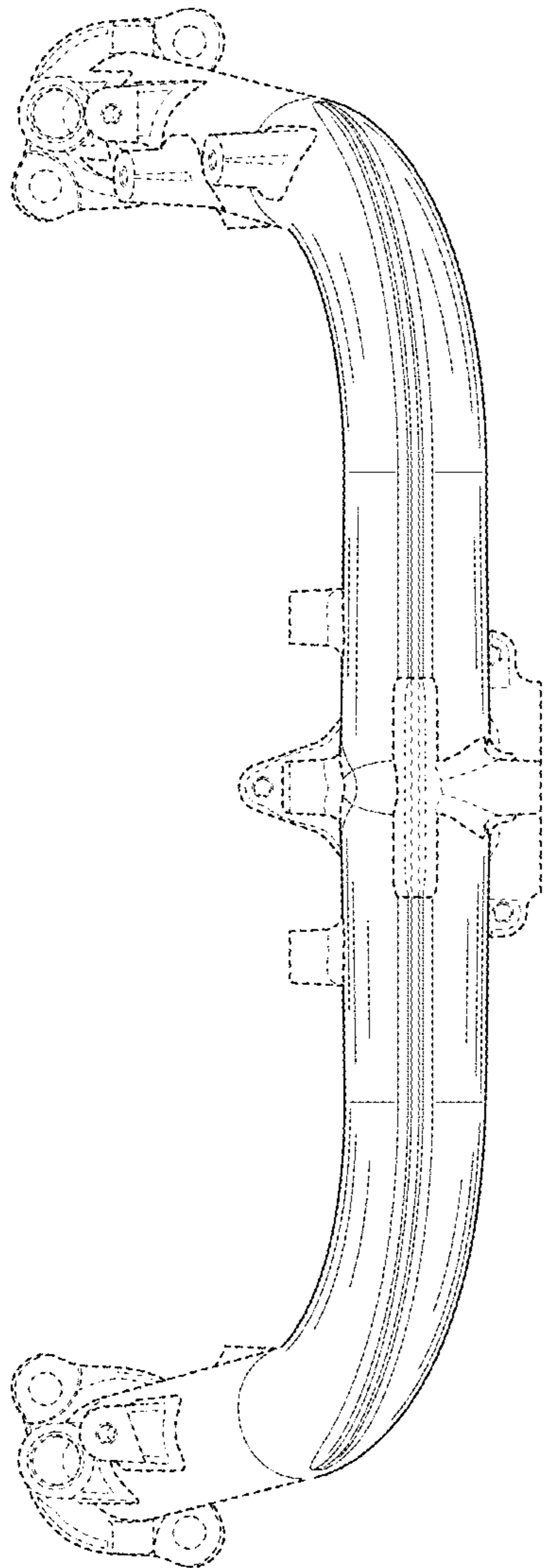


FIG. 9

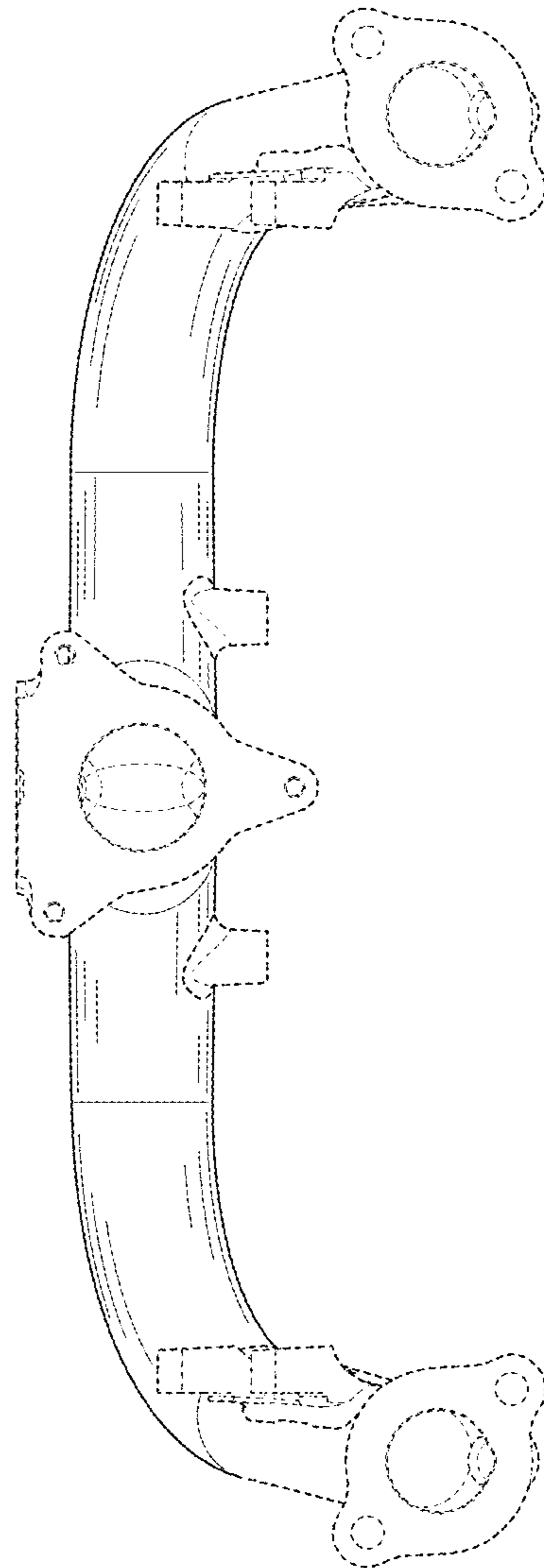


FIG. 10