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# (12) United States Design Patent

Bink et al.

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

(71) Applicant: **Kohler Co.**, Kohler, WI (US)

(72) Inventors: **Benjamin J. Bink**, St. Cloud, WI (US); **James G. Leu**, Kiel, WI (US); **Ronald D. Mittelstaedt**, Kiel, WI (US); **Steven P. Lewis**, Howards Grove, WI (US); **Travis J. Andren**, Sheboygan, WI (US); **Kevin C. Bruso**, Malone, WI (US); **Brian Michael Hynes Sheridan**, West Bend, WI (US)

(73) Assignee: **KOHLER CO.**

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

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

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**Related U.S. Application Data**

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(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, 123/41.34, 51 A, 606 R, 52.1, 50 A, 50 B, 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 35/10347; F02M 35/10334; F02M 35/10321; F02M 35/10098; F02M 35/10072; F02M 35/104; F02M 35/10085
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

| | | | | |
|---|---|---|---|---|
| 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 |
| D277,485 | S | 2/1985 | Iwakura et al. | |

(Continued)

*Primary Examiner* — T. Chase Nelson
*Assistant Examiner* — Ania Aman
(74) *Attorney, Agent, or Firm* — The Belles Group, P.C.

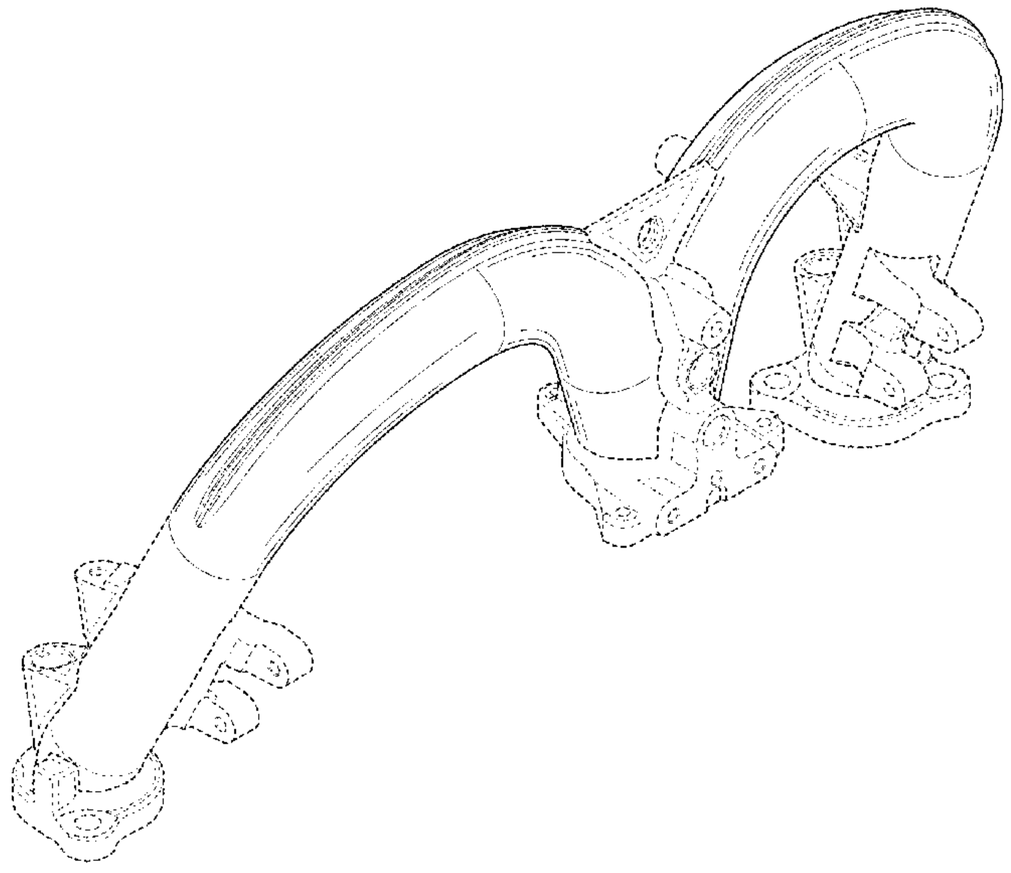
(57) **CLAIM**

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

**DESCRIPTION**

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

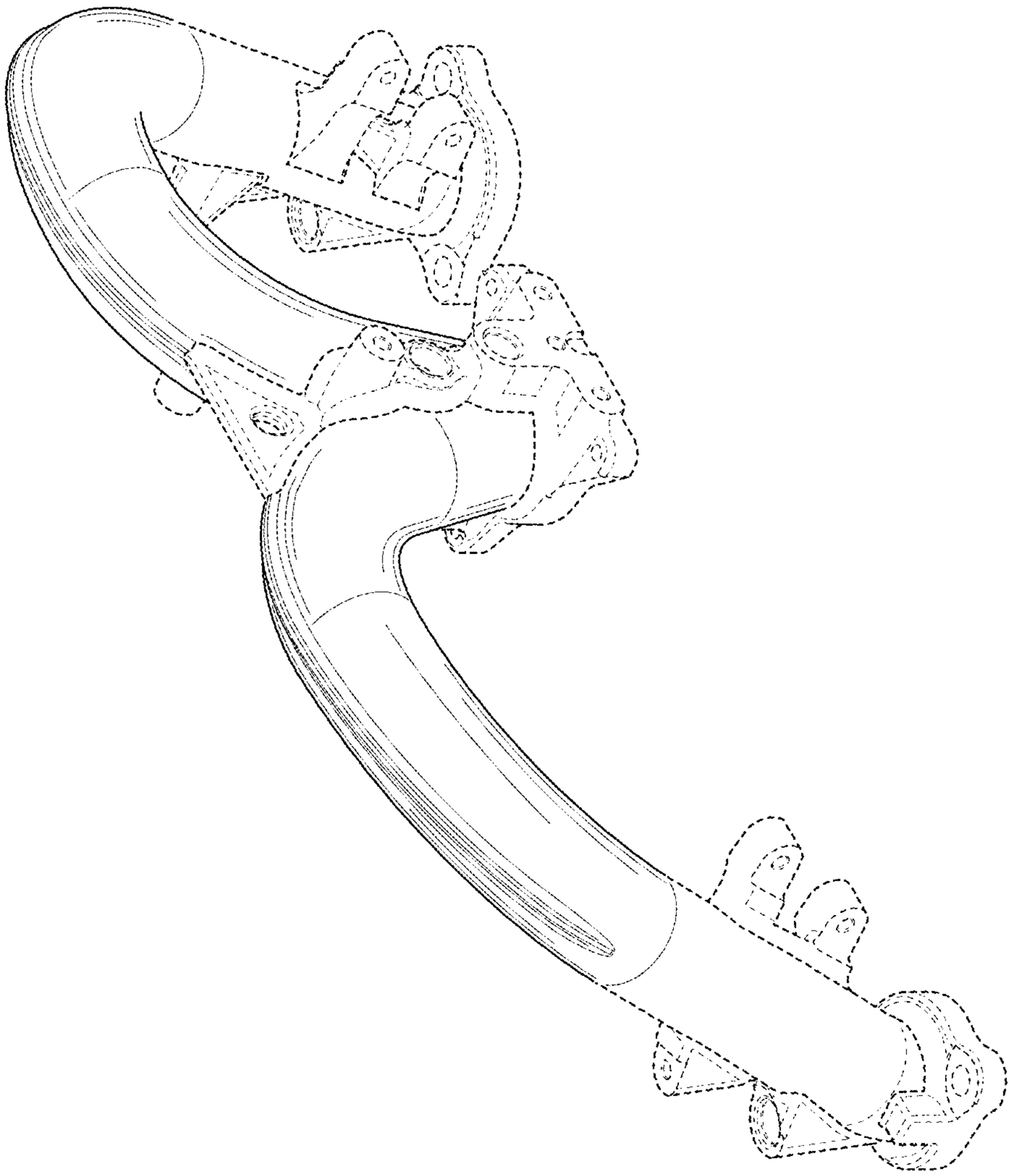


FIG. 1

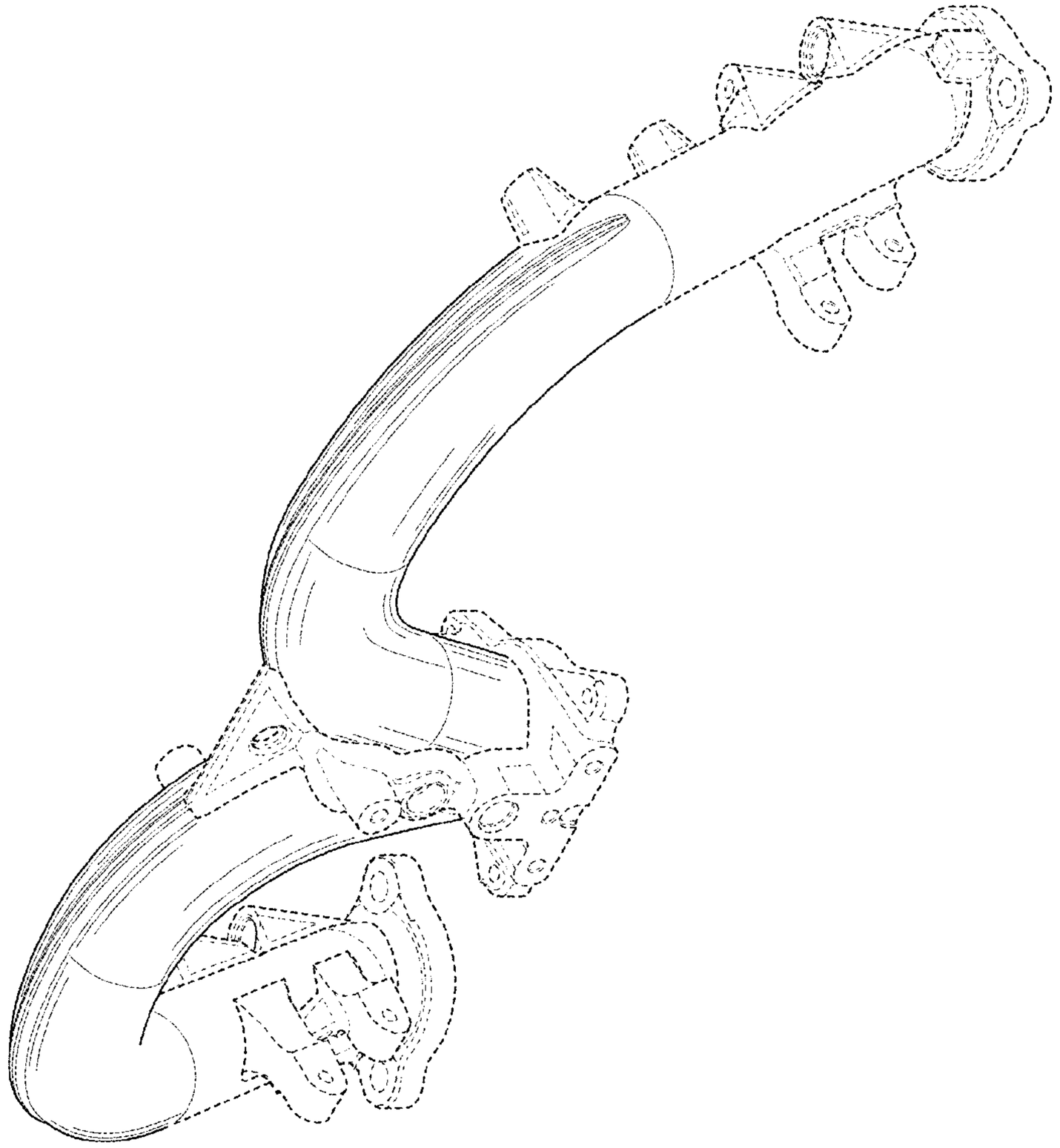


FIG. 2

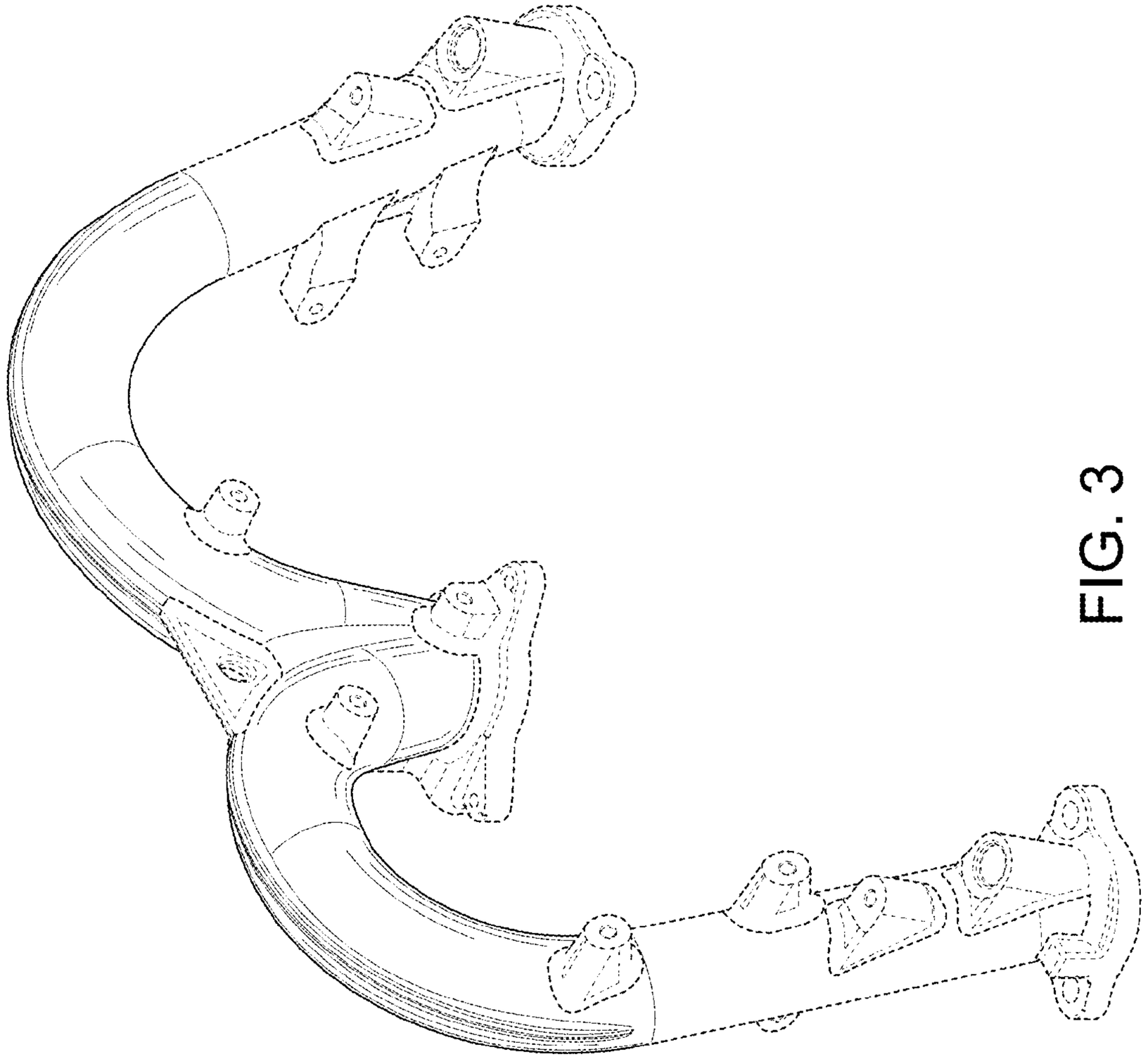


FIG. 3

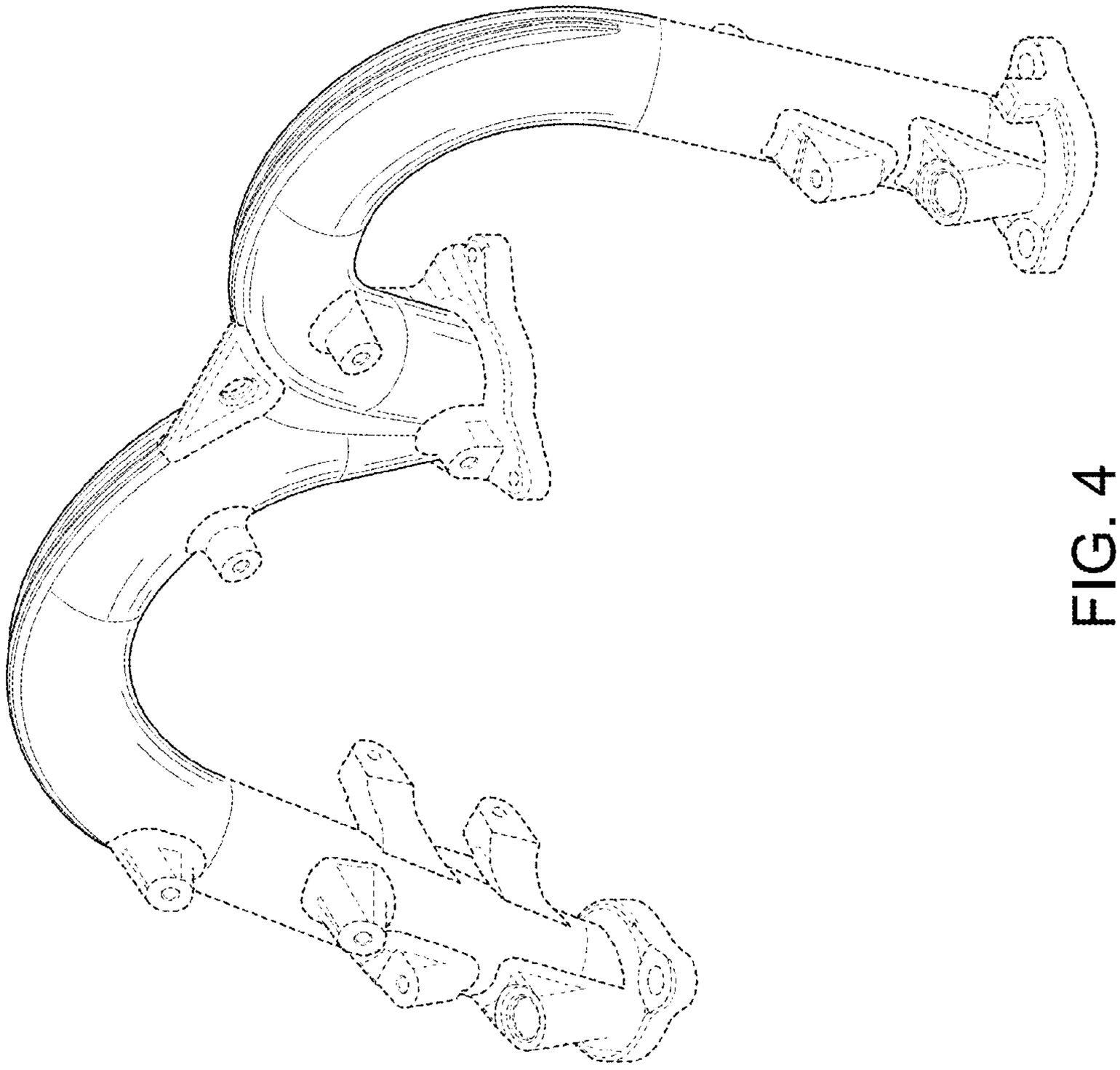


FIG. 4

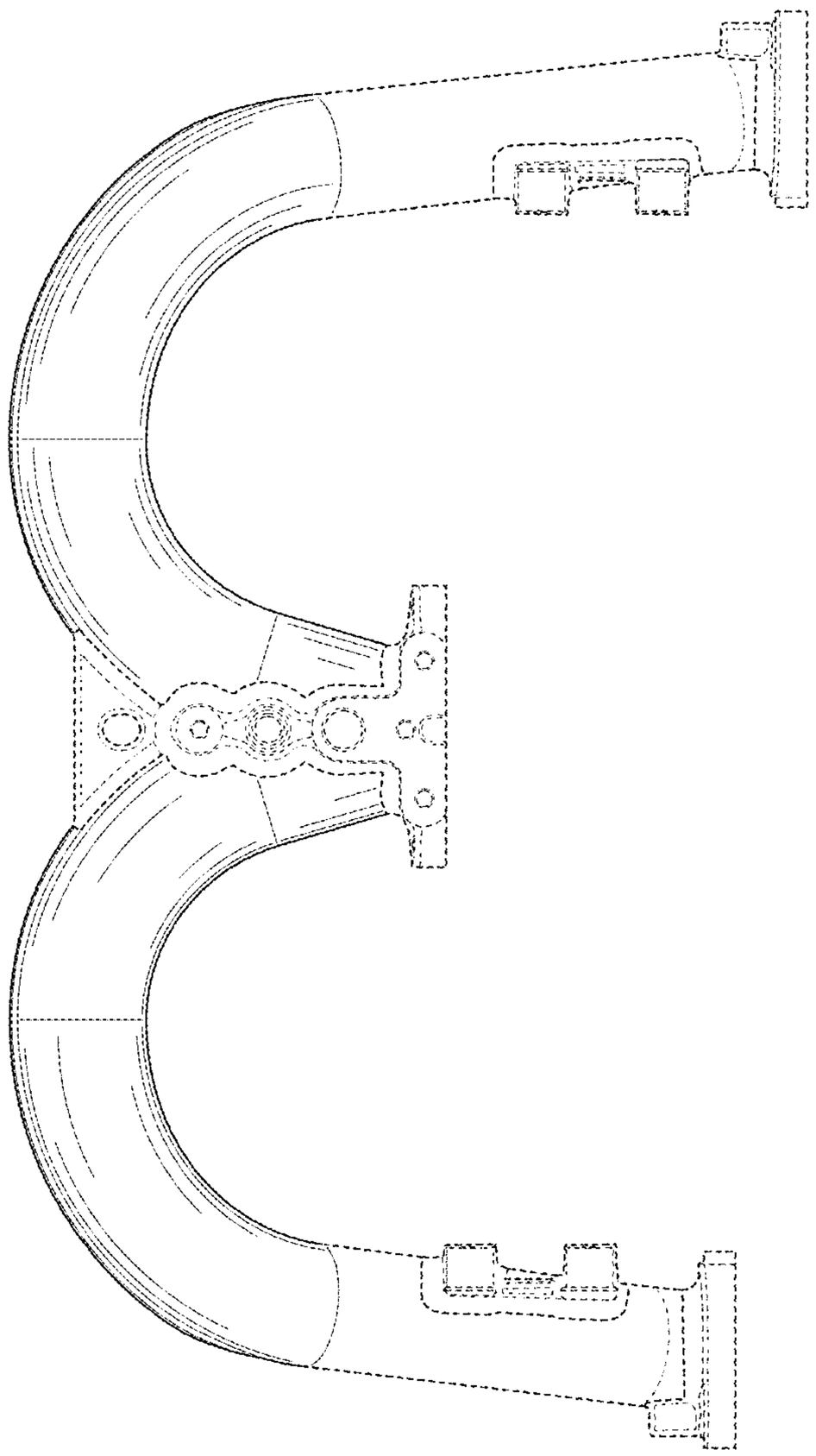


FIG. 5

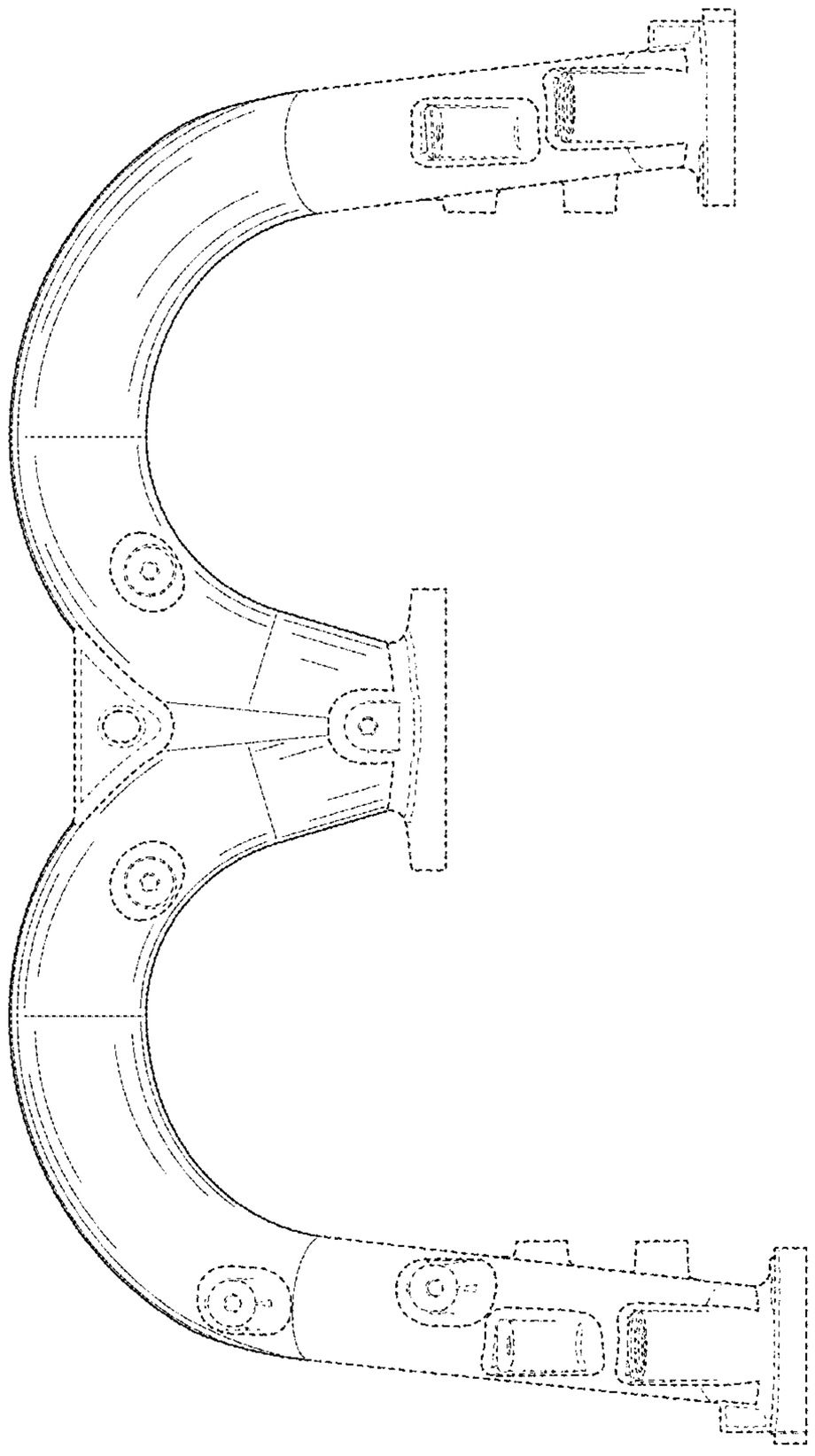


FIG. 6

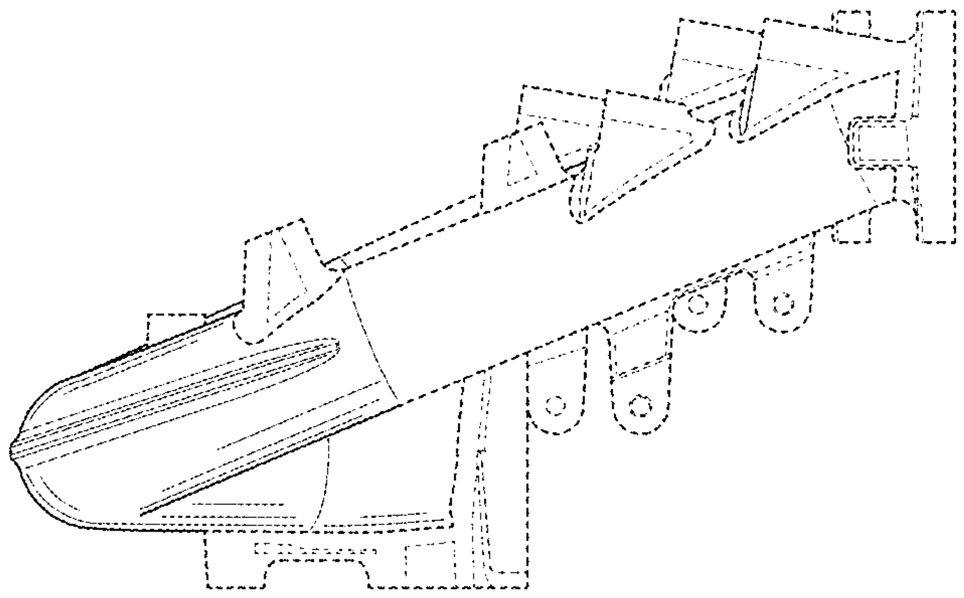


FIG. 8

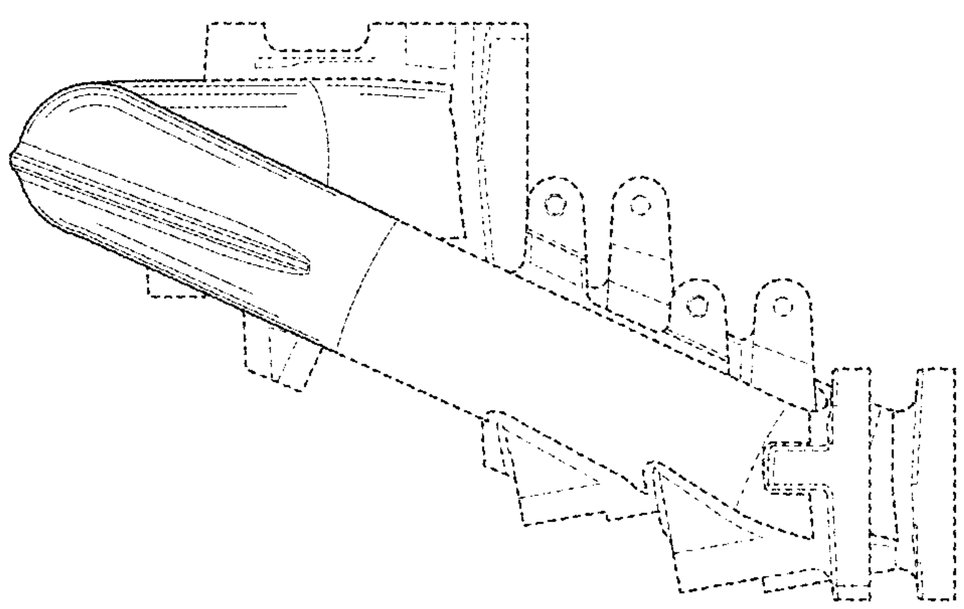


FIG. 7

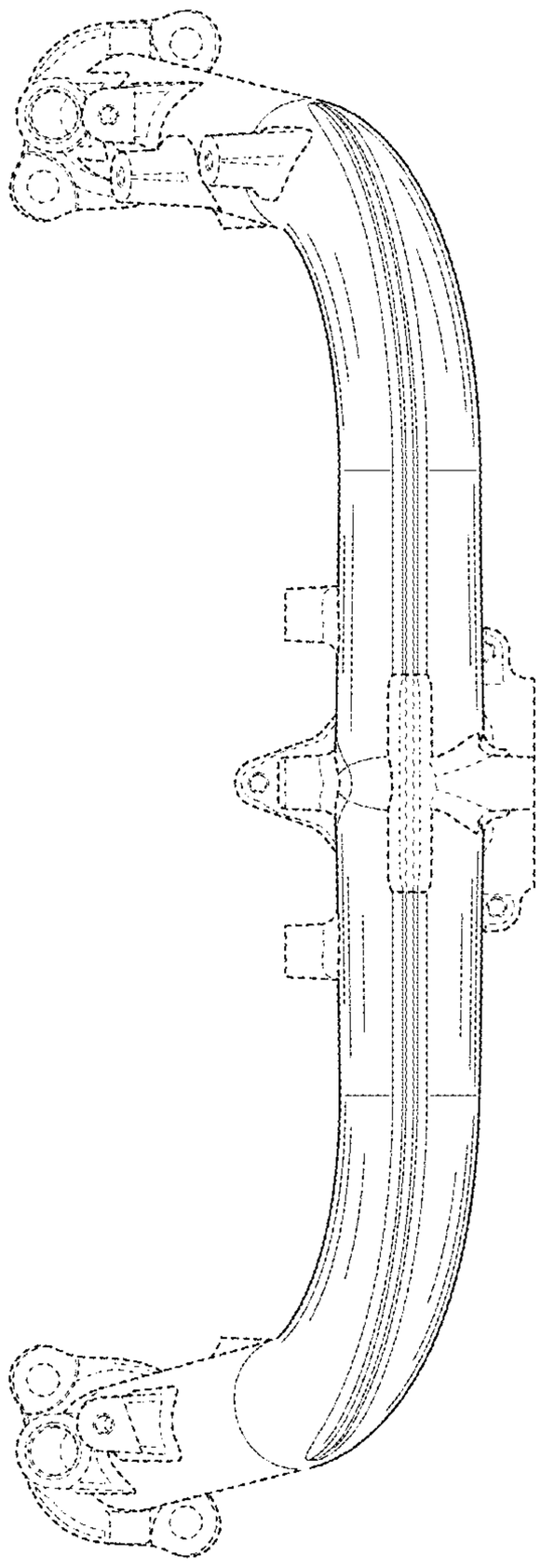


FIG. 9

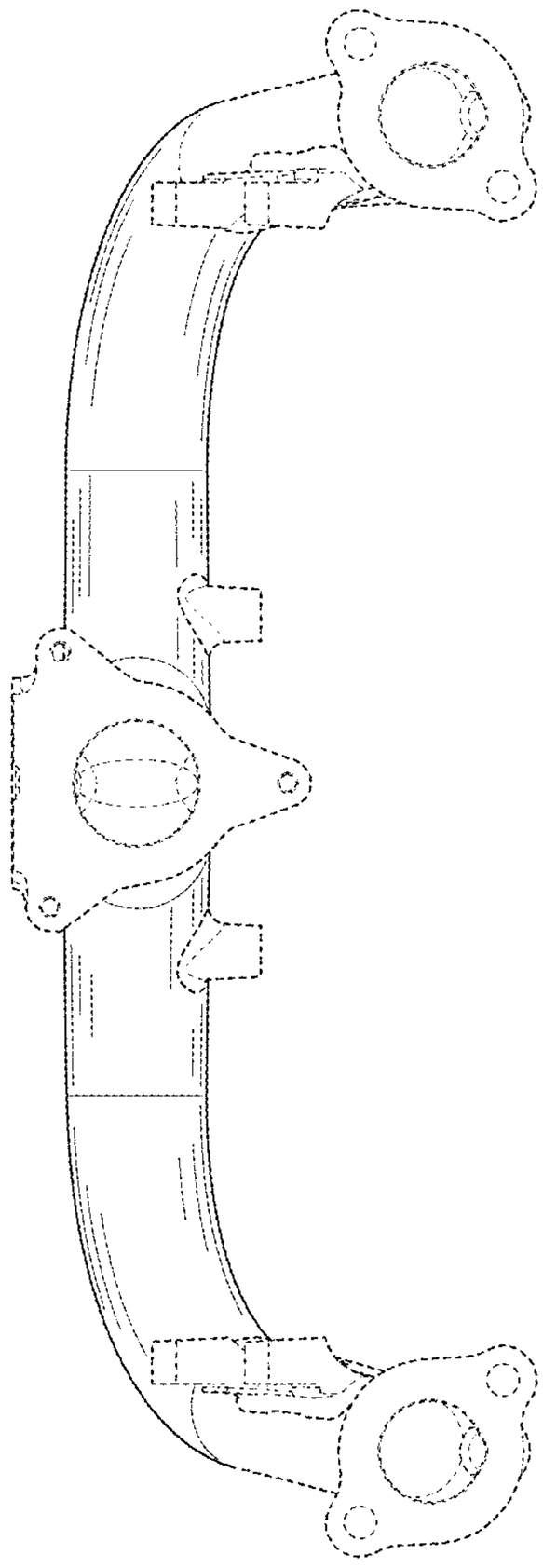


FIG. 10