



US00D647022S

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

(10) **Patent No.:** **US D647,022 S**

(45) **Date of Patent:** **** *Oct. 18, 2011**

(54) **EXHAUST MANIFOLD FOR A VEHICLE**

(75) Inventors: **David Hsu**, Norco, CA (US); **Charles Madrid**, Alhambra, CA (US)

(73) Assignee: **Group-A Autosports, Inc.**, Norco, CA (US)

(*) Notice: This patent is subject to a terminal disclaimer.

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

(21) Appl. No.: **29/350,446**

(22) Filed: **Nov. 17, 2009**

(51) **LOC (9) Cl.** **12-16**

(52) **U.S. Cl.** **D12/194**

(58) **Field of Classification Search** D12/194;
D15/5; 293/113; 29/890.08; 180/89.2, 296,
180/309; 181/247-249, 264, 282, 239-241,
181/227, 228; 138/44, 37-39, 103, 109;
60/303, 313, 323

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D405,095 S * 2/1999 Wada D15/5
6,467,261 B1 * 10/2002 Hisanaga et al. 60/323

D484,513 S * 12/2003 Grudynski, III D15/5
D533,568 S * 12/2006 Thomas D15/5
2009/0000286 A1 * 1/2009 Aoki et al. 60/323

* cited by examiner

Primary Examiner — T. Chase Nelson

Assistant Examiner — Michael A Pratt

(74) *Attorney, Agent, or Firm* — Steven N. Fox, Esq.

(57) **CLAIM**

The ornamental design for an exhaust manifold for a vehicle, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of the design according to the present invention;

FIG. 2 is a front elevation view of the design according to the present invention;

FIG. 3 is left side elevation view of the design according to the present invention;

FIG. 4 is a rear elevation view of the design according to the present invention;

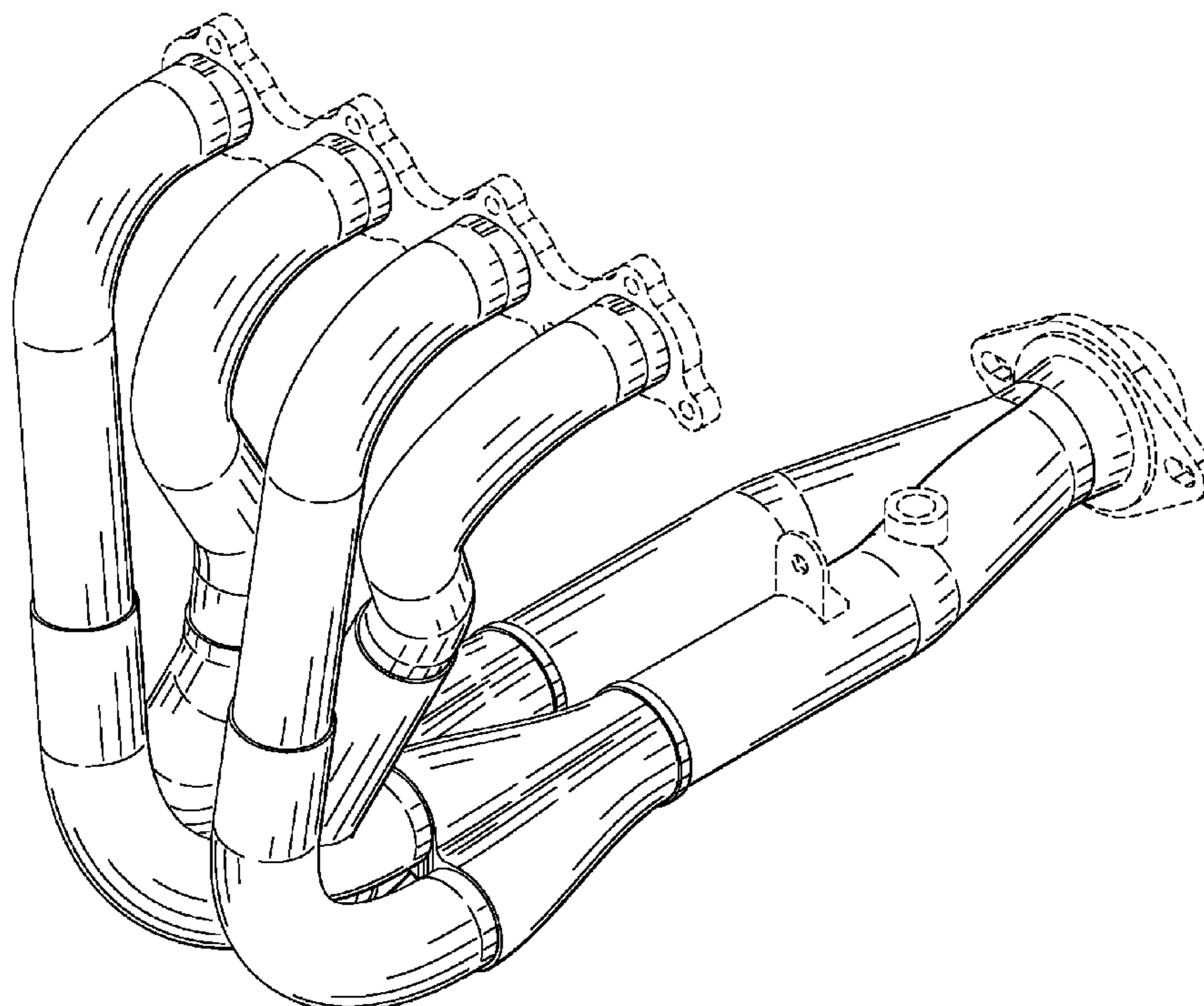
FIG. 5 is a right side elevation view of the design according to the present invention;

FIG. 6 is a top plan view of the design according to the present invention; and,

FIG. 7 is a bottom plan view of the design according to the present invention.

The broken lines in the drawings are environmental and form no part of the claimed design.

1 Claim, 7 Drawing Sheets



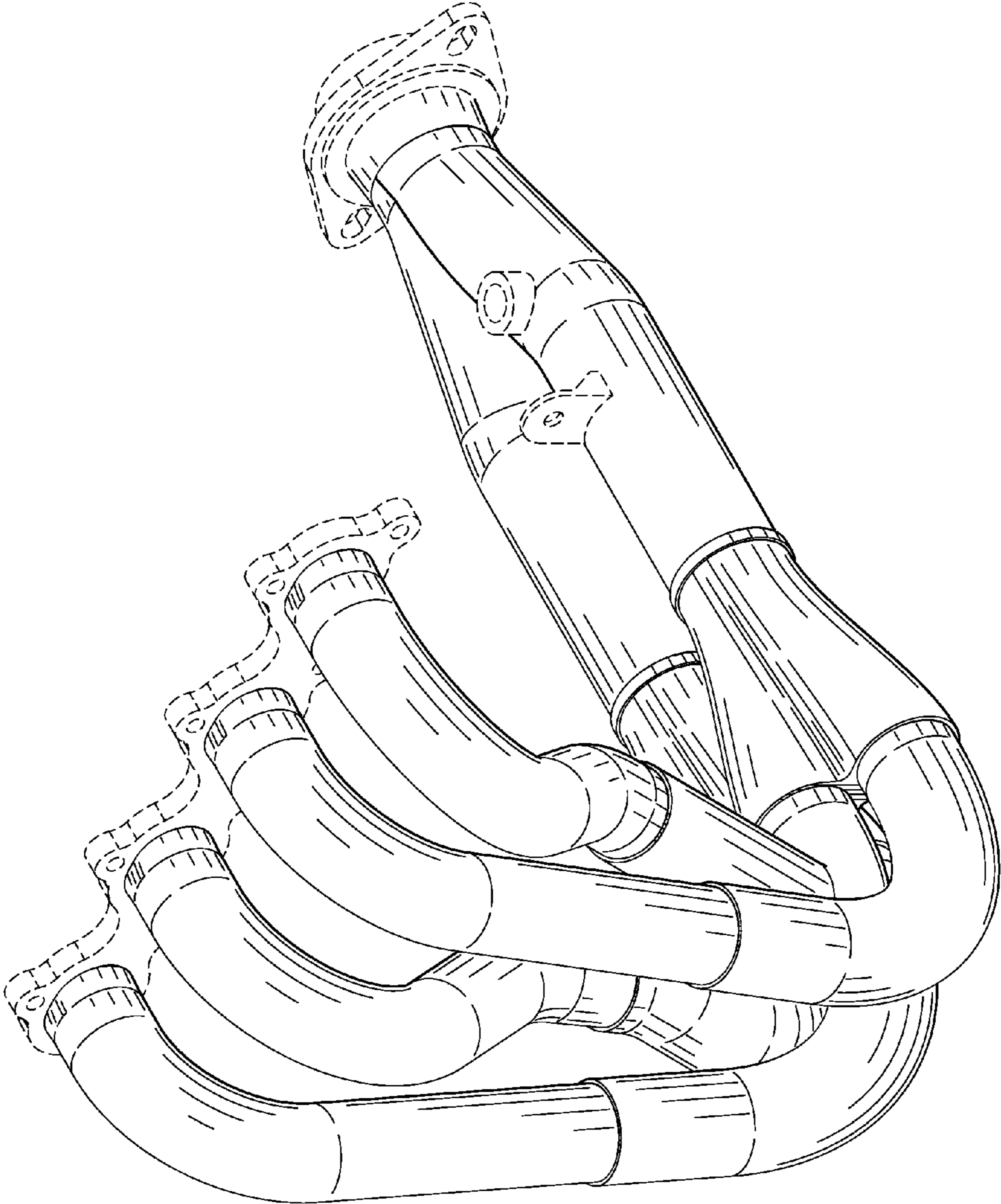


FIG. 1

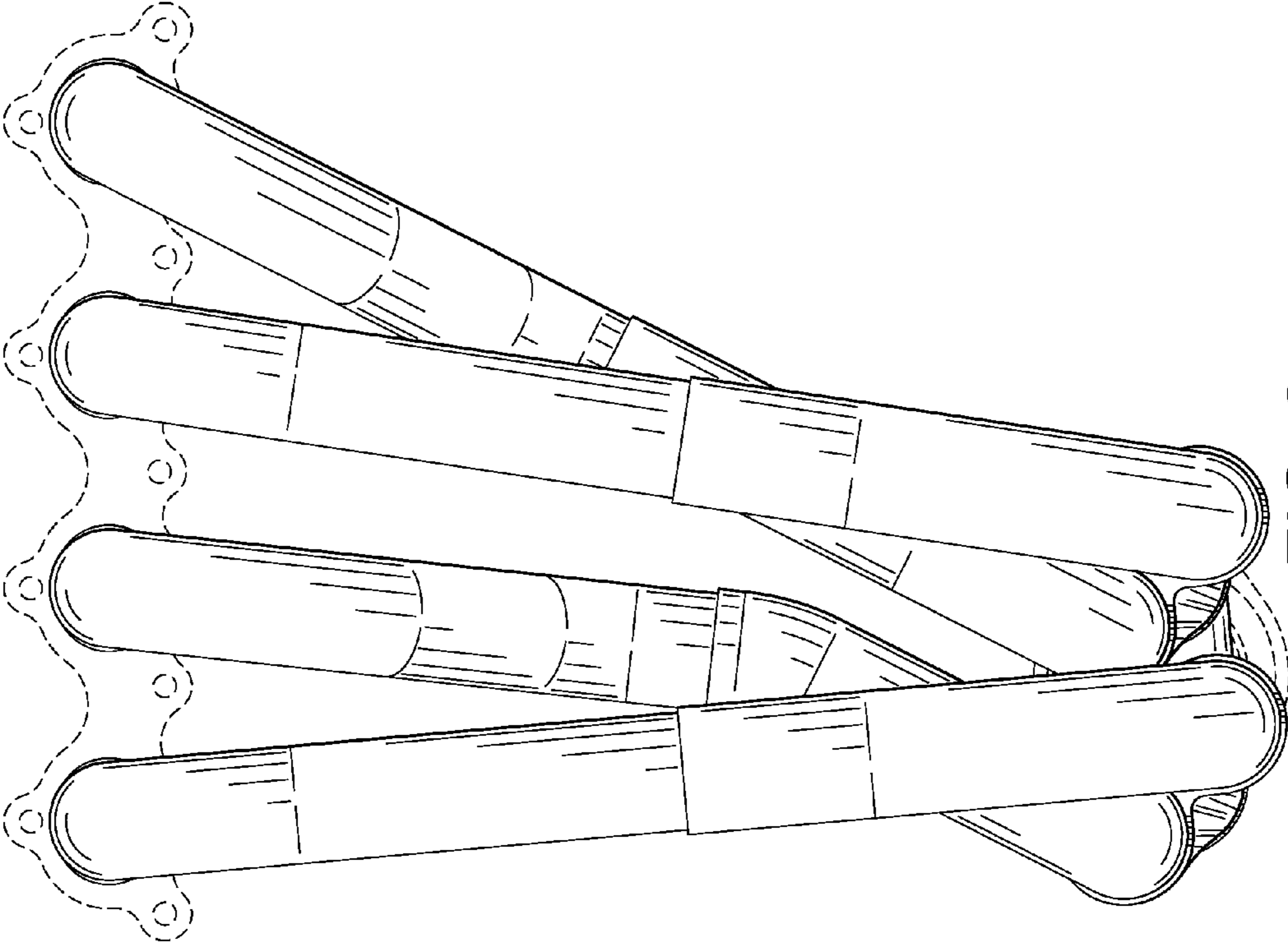


FIG. 2

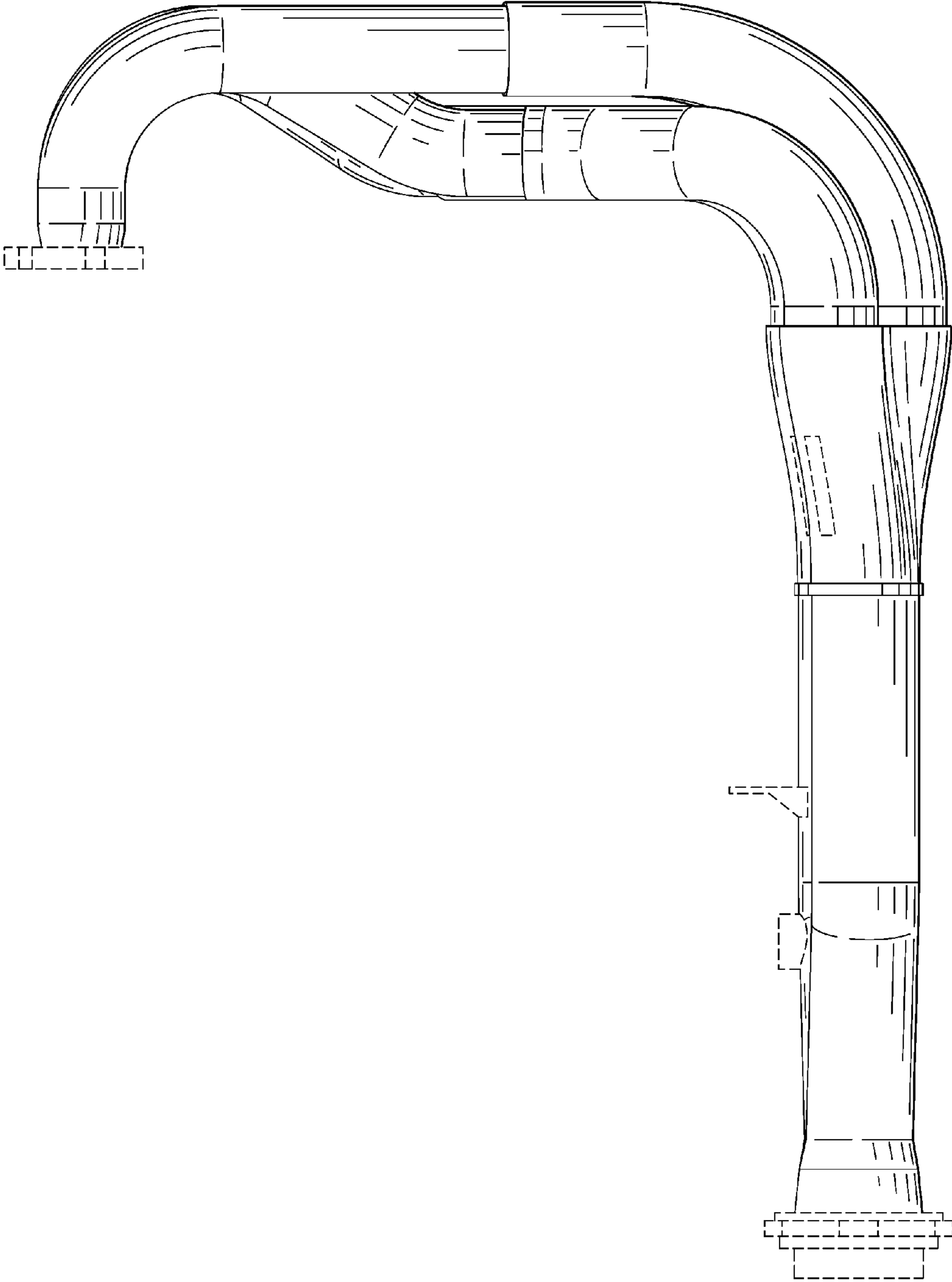


FIG. 3

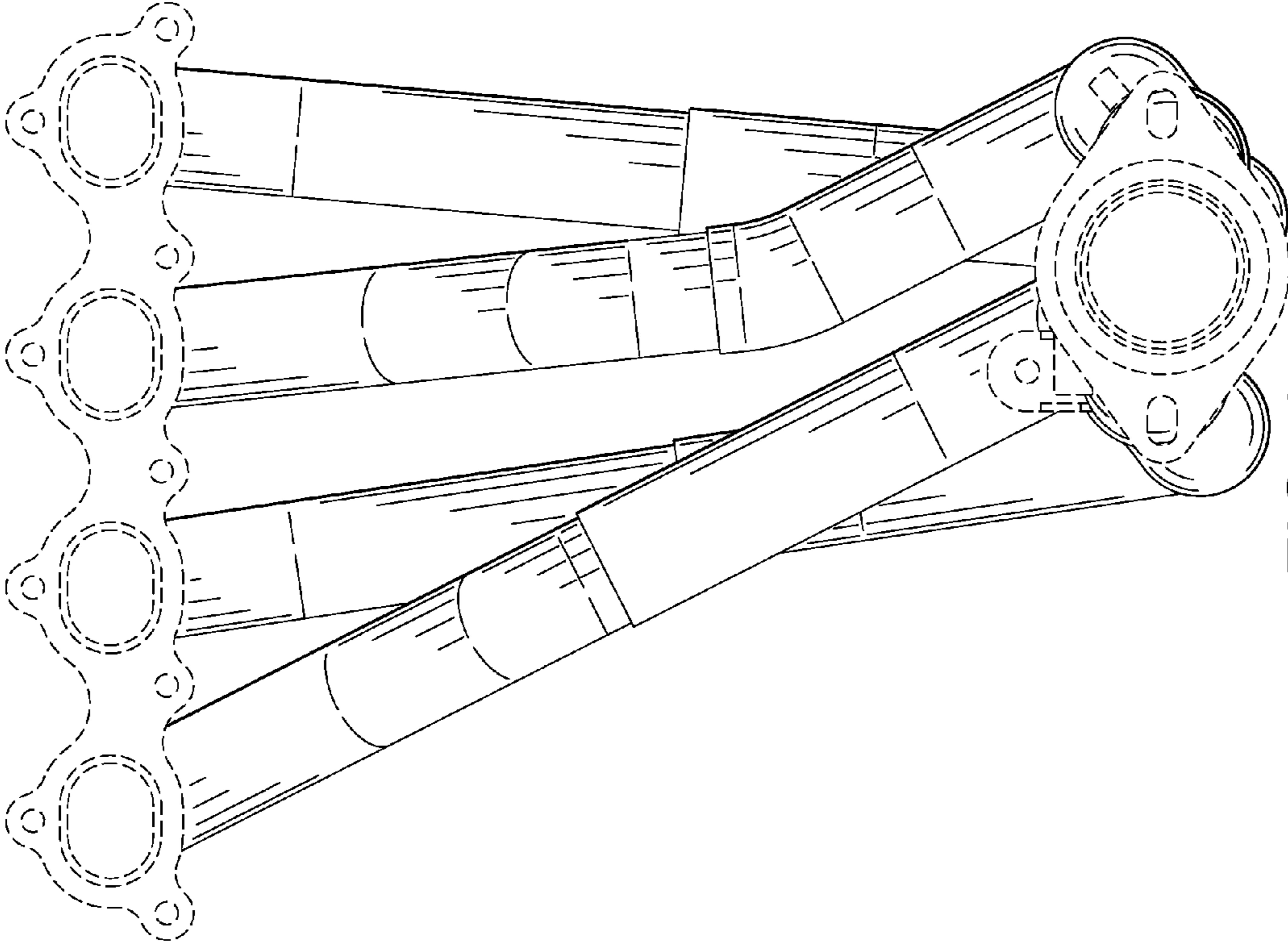


FIG. 4

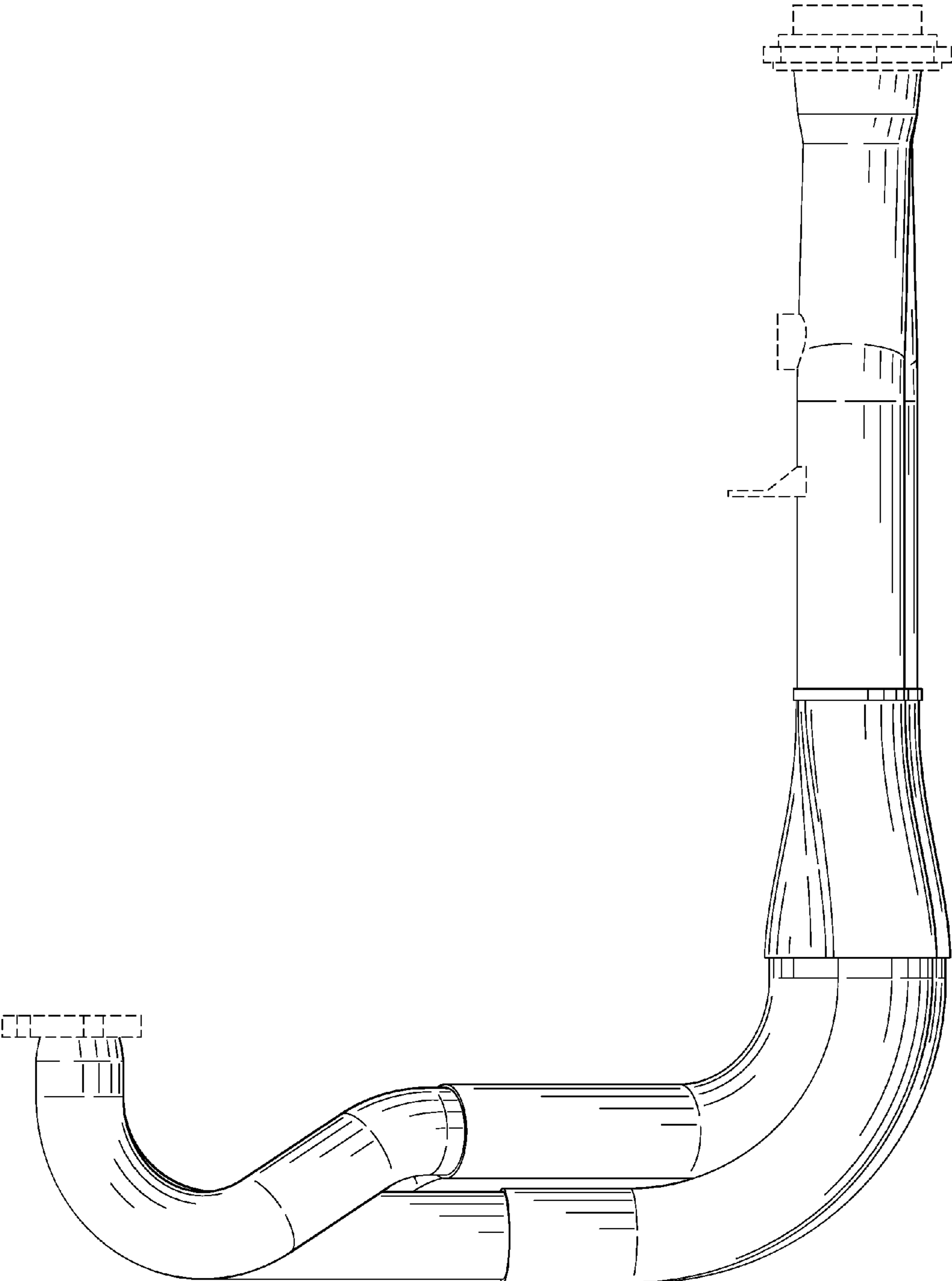


FIG. 5

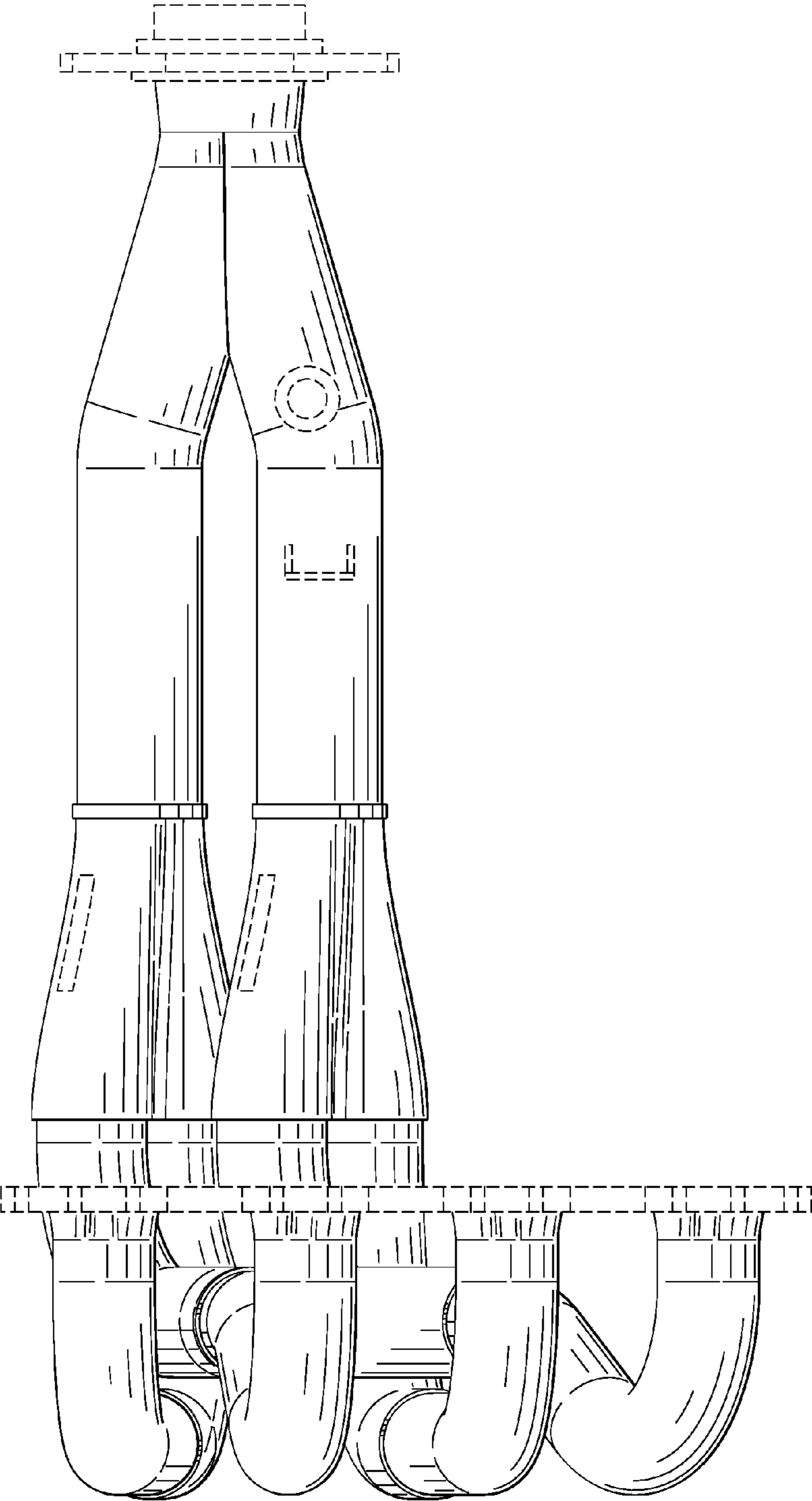


FIG. 6

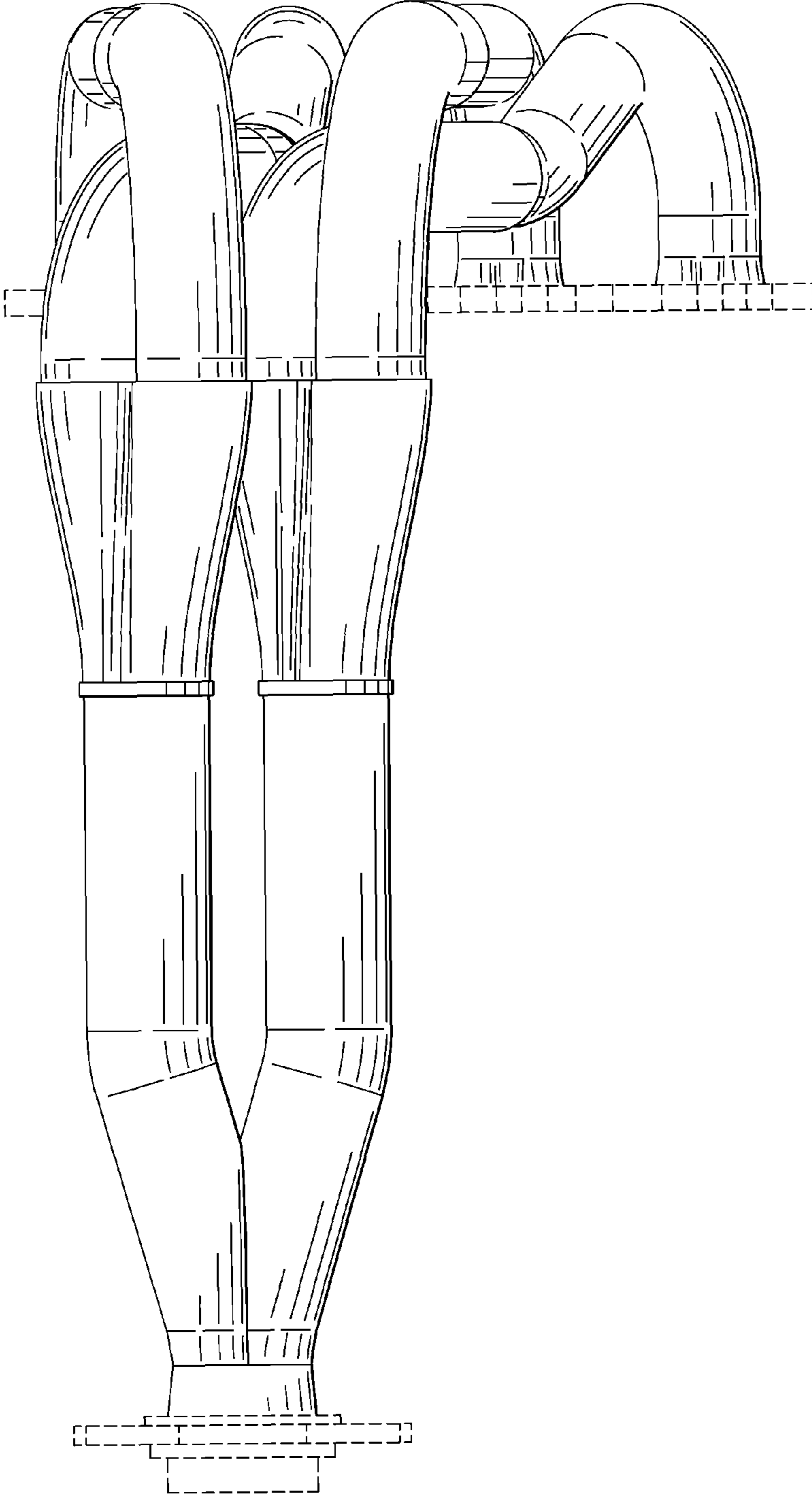


FIG. 7