



US00D638929S

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

(10) **Patent No.:** **US D638,929 S**

(45) **Date of Patent:** **** May 31, 2011**

(54) **RESPIRATOR HEAD HARNESS**

(75) Inventors: **Nathan A. Abel**, White Bear Lake, MN (US); **James R. Betz**, Hudson, WI (US); **Sean M. Burke**, St. Paul, MN (US); **Michael J. Lynch**, Hudson, WI (US); **Matthew D. Reier**, St. Paul, MN (US); **Andrew S. Viner**, Roseville, MN (US)

(73) Assignee: **3M Innovative Properties Company**, St. Paul, MN (US)

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

(21) Appl. No.: **29/282,531**

(22) Filed: **Jul. 23, 2007**

(51) **LOC (9) Cl.** **24-02**

(52) **U.S. Cl.** **D24/110.1**

(58) **Field of Classification Search** D24/108-110.5;
128/206.12, 206.19, 206.27, 205.25, 206.15,
128/206.18, 206.21

See application file for complete search history.

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Betz, Sean M. Burke, Michael J. Lynch, Matthew D. Reier, and Andrew S. Viner; filed Mar. 31, 2006; total pp. 31 including drawings. Product Literature: 3M Company, "Full Facepiece Respirator 7000 Series—User Instructions", 2004, 19 pgs. Product Literature: 3M Company, "Half and Full Facepiece Respirators", Jan. 2002, 6 pgs. Product Literature: MSA, "Advantage 1000 Low Maintenance Respirator", Mar. 2001, 4 pgs. Product Literature: Drager Safety, "X-Plore 6570 Full Face Masks", (date unknown but believed to be prior to the date of the filing of the present application), 2 pgs. Product Literature: Drager Safety, "X-Plore 5500 Full Face Mask", (date unknown but believed to be prior to the date of the filing of the present application), 2 pgs. Product Literature: North Safety Products, "North Respiratory Protection", 2005, pp. 1, 9, 13, 17, 22, 34, 36, 37.

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Primary Examiner — Ian Simmons

Assistant Examiner — Charles D Hanson

(74) *Attorney, Agent, or Firm* — Kenneth D. Wood

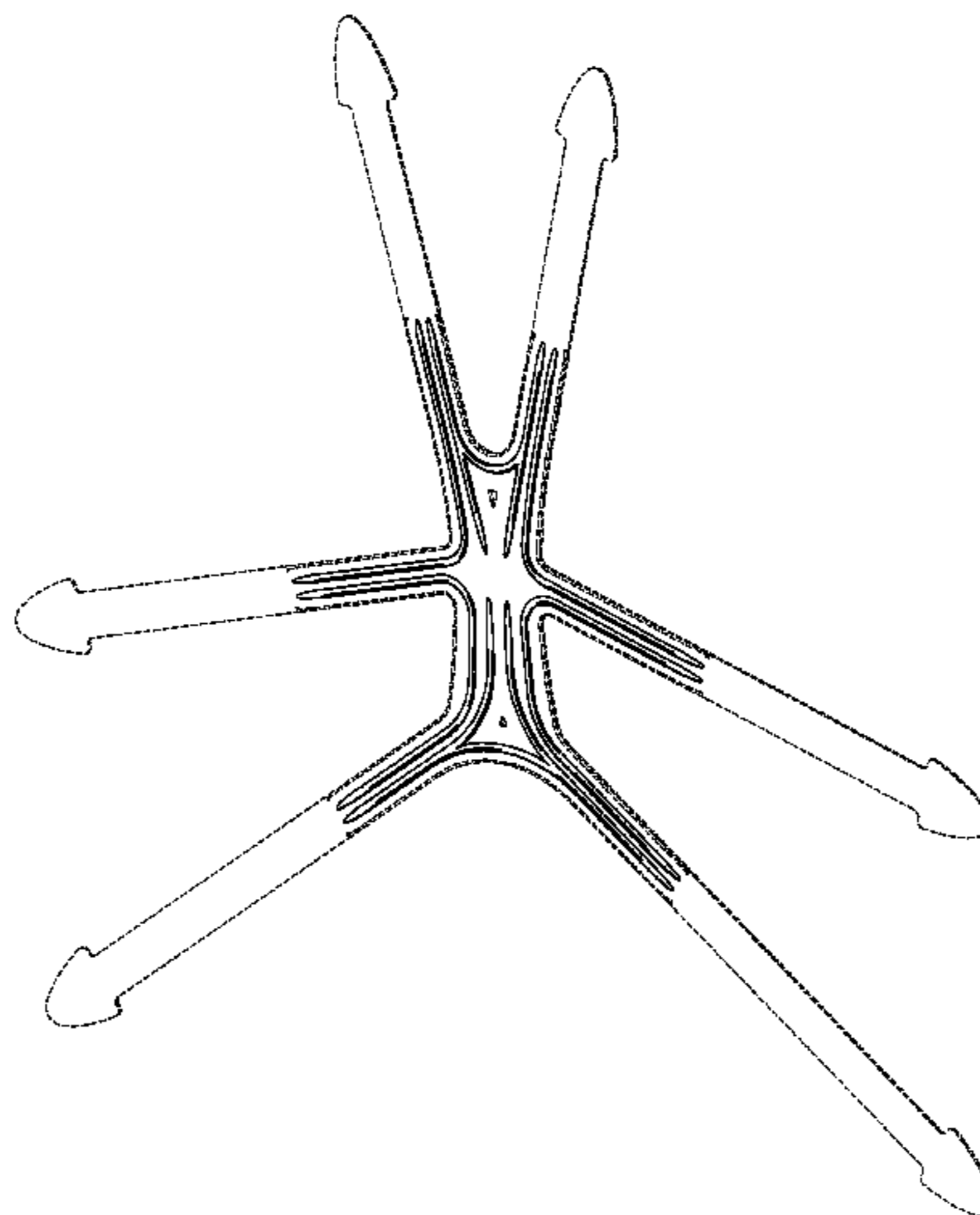
(57) **CLAIM**

The ornamental design for a respirator head harness, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a respirator head harness showing our new design; FIG. 2 is a top view thereof; FIG. 3 is a bottom view thereof; FIG. 4 is a left side view thereof, the right side view being a mirror image of the left side view; FIG. 5 is a front view thereof; FIG. 6 is a rear view thereof; and, FIG. 7 is a magnified view of the central portion of FIG. 2. The broken line showing is included for the purpose of illustrating environment and forms no part of the claimed design.

1 Claim, 5 Drawing Sheets



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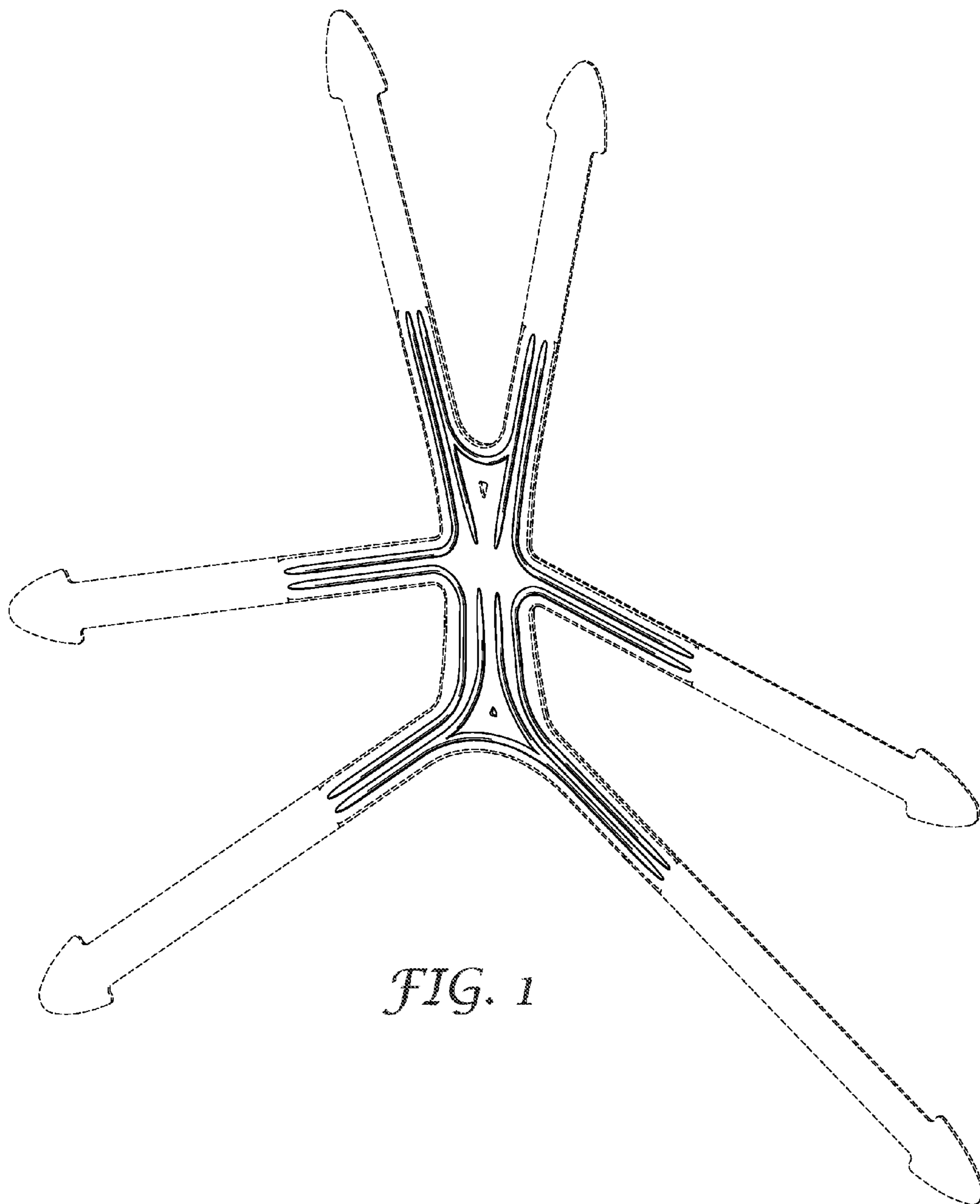


FIG. 1

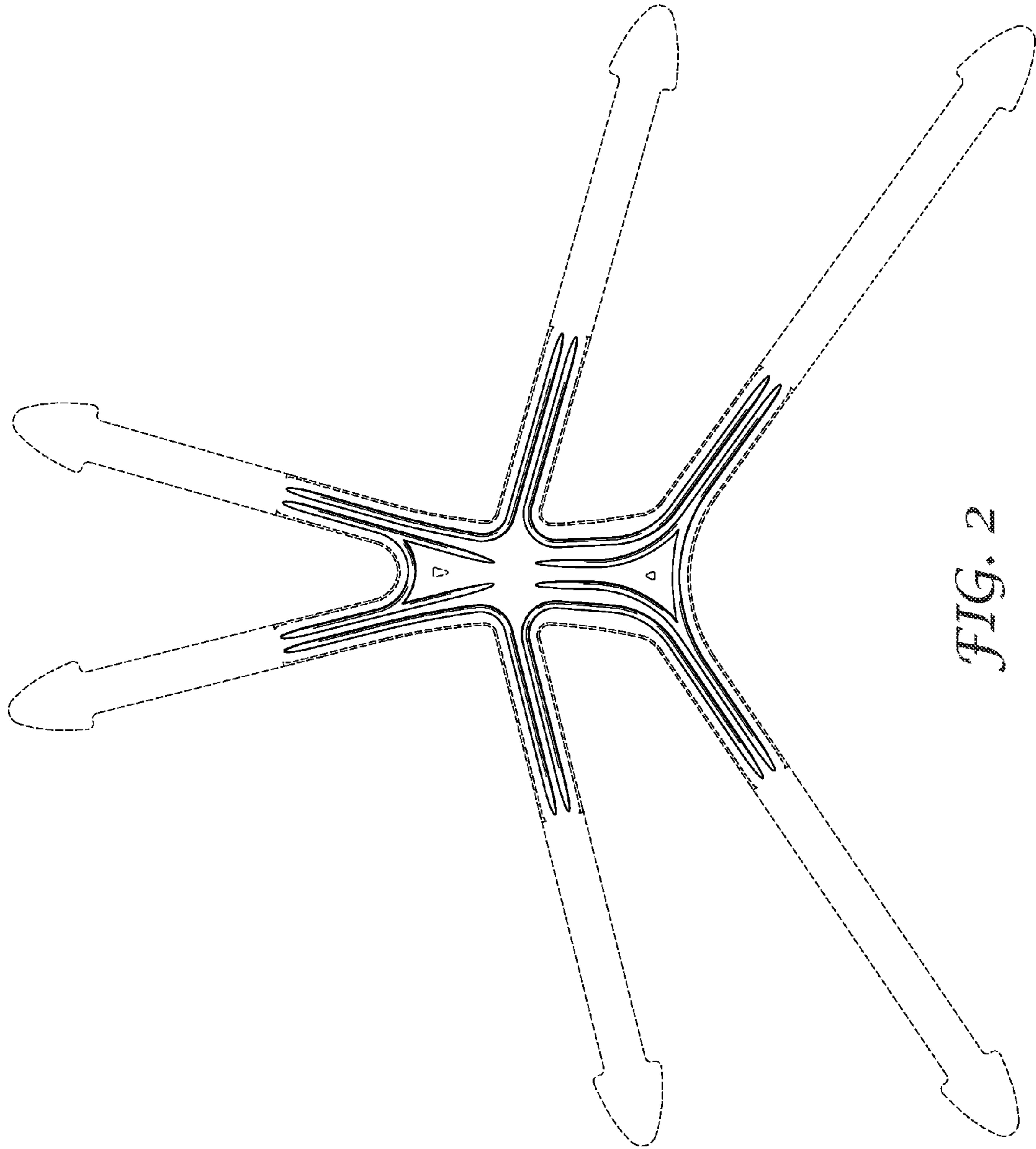


FIG. 2

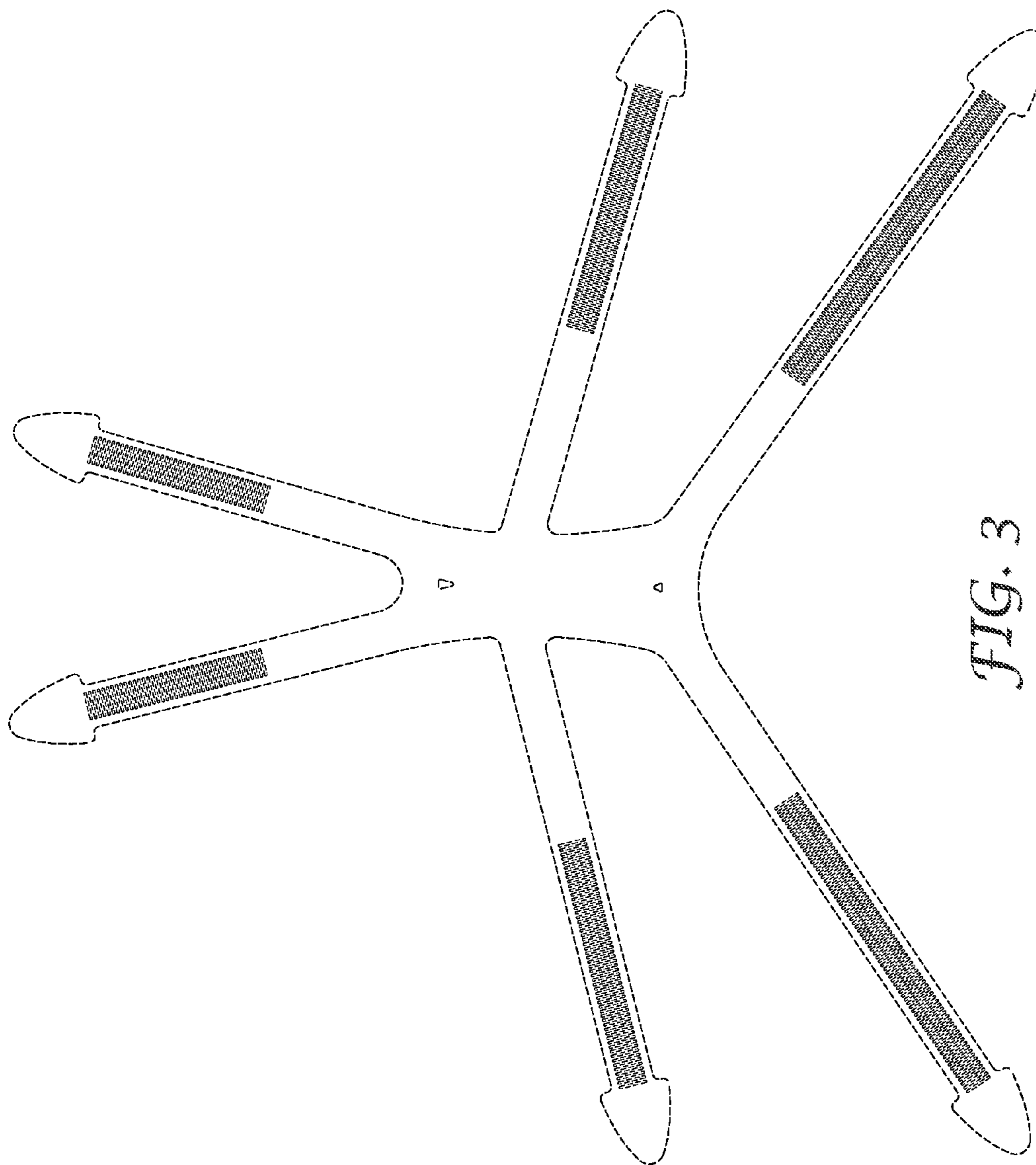


FIG. 3



FIG. 5



FIG. 6

FIG. 4



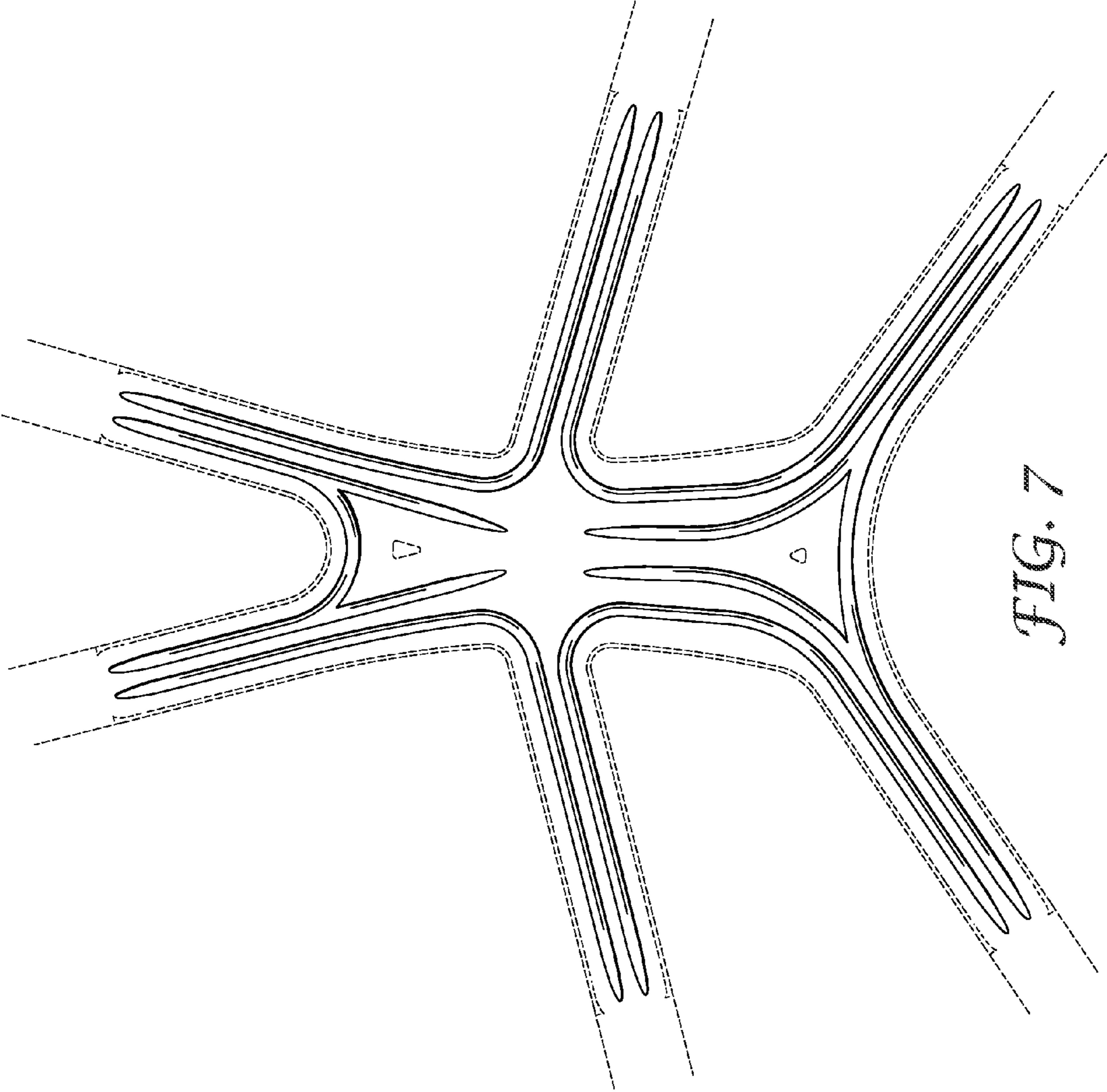


FIG. 7

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : D638,929 S
APPLICATION NO. : 29/282531
DATED : May 31, 2011
INVENTOR(S) : Nathan Arlan Abel

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

First Page, Column 2

Line 1, delete "Kenneth D. Wood" and insert -- Kenneth B. Wood --, therefor.

Signed and Sealed this
Eighteenth Day of October, 2011

A handwritten signature in black ink that reads "David J. Kappos". The signature is written in a cursive style with a large, stylized 'D' and 'K'.

David J. Kappos
Director of the United States Patent and Trademark Office