US00D985741S

(12) United States Design Patent

Tanaka et al.

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(45) Date of Patent: ** May 9, 2023

(54) **GLAND FOR PIPE JOINTS**

(71) Applicant: **KUBOTA CORPORATION**, Osaka (JP)

(72) Inventors: **Ryunosuke Tanaka**, Amagasaki (JP); **Keita Oda**, Amagasaki (JP)

(73) Assignee: **KUBOTA CORPORATION**, Osaka (JP)

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

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Nov. 6, 2020 (JP) 2020-23928
Nov. 6, 2020 (JP) 2020-23929

(51) **LOC (14) Cl.** **23-01**

(52) **U.S. Cl.**
USPC **D23/269**

(58) **Field of Classification Search**
USPC D23/259, 262, 269, 233, 303, 322, 341, D23/363, 386; 277/351–353, 477, 277/479–482

(Continued)

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Primary Examiner — Amy C Wierenga
(74) *Attorney, Agent, or Firm* — Potomac Law Group, PLLC; John J. Penny, Jr.

(57) **CLAIM**

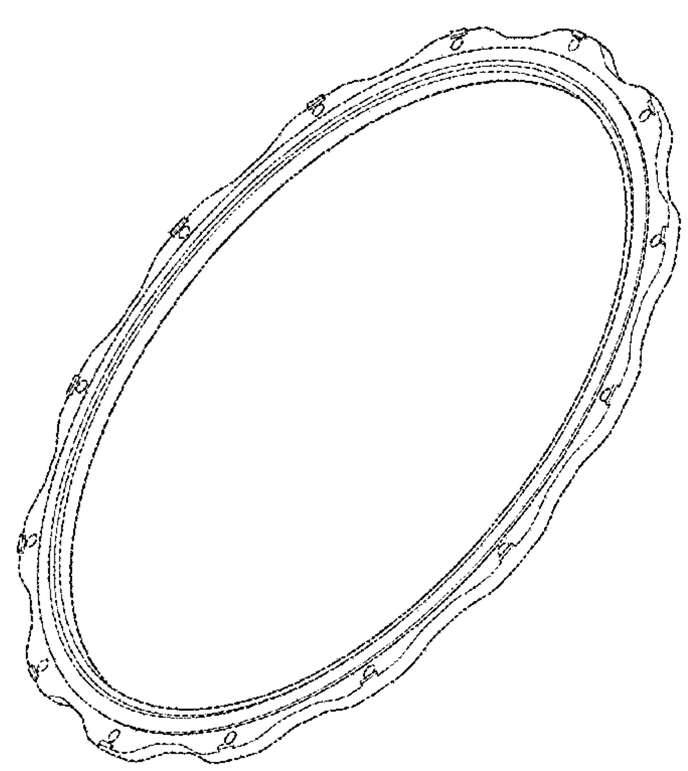
The ornamental design for a gland for pipe joints, as shown and described.

DESCRIPTION

1. Gland for pipe joints
2. Gland for pipe joints
3. Gland for pipe joints
4. Gland for pipe joints
5. Gland for pipe joints
6. Gland for pipe joints

1.1 : Perspective
1.2 : Rear perspective view
1.3 : Front

(Continued)



1.4 : Back
1.5 : Left
1.6 : Top
1.7 : Cross sectional
1.8 : Enlarged
2.1 : Perspective
2.2 : Rear perspective view
2.3 : Front
2.4 : Back
2.5 : Left
2.6 : Top
2.7 : Cross sectional
2.8 : Enlarged
3.1 : Perspective
3.2 : Rear perspective view
3.3 : Front
3.4 : Back
3.5 : Left
3.6 : Top
3.7 : Bottom
3.8 : Cross sectional
3.9 : Enlarged
4.1 : Perspective
4.2 : Rear perspective view
4.3 : Front
4.4 : Back
4.5 : Left
4.6 : Top
4.7 : Cross sectional
4.8 : Enlarged
5.1 : Perspective
5.2 : Rear perspective view
5.3 : Front
5.4 : Back
5.5 : Left
5.6 : Top
5.7 : Cross sectional
5.8 : Enlarged
6.1 : Perspective
6.2 : Rear perspective view
6.3 : Front
6.4 : Back
6.5 : Left
6.6 : Top
6.7 : Bottom
6.8 : Cross sectional
6.9 : Enlarged

The article is a gland for pipe joints used for joining cast iron pipes for water supply; the right views of designs 1 to 6 are omitted because they are mirror images of the left views (Figs. **1.5**, **2.5**, **3.5**, **4.5**, **5.5**, **6.5**) respectively; the bottom views of designs 1, 2, 4, and 5 are omitted because they are mirror imaqes of the top views (Figs.**1.6**, **2.6**, **4.6**, **5.6**) respectively; Figs. **1.7**, **2.7**, **3.8**, **4.7**, **5.7**, **6.8** are cross-sectional views taken along the A-A' line shown in the front views (Figs. **1.3**, **2.3**, **3.3**, **4.3**, **5.3**, **6.3**) respectively; Figs. **1.8**, **2.8**, **3.9**, **4.8**, **5.8**, **6.9** are enlarged views of the B-B' portion shown in the cross-sectional views (Figs. **1.7**, **2.7**, **3.8**, **4.7**, **5.7**, **6.8**).

1 Claim, 50 Drawing Sheets

(58) **Field of Classification Search**
CPC E04D 113/1047; F16L 23/032
See application file for complete search history.

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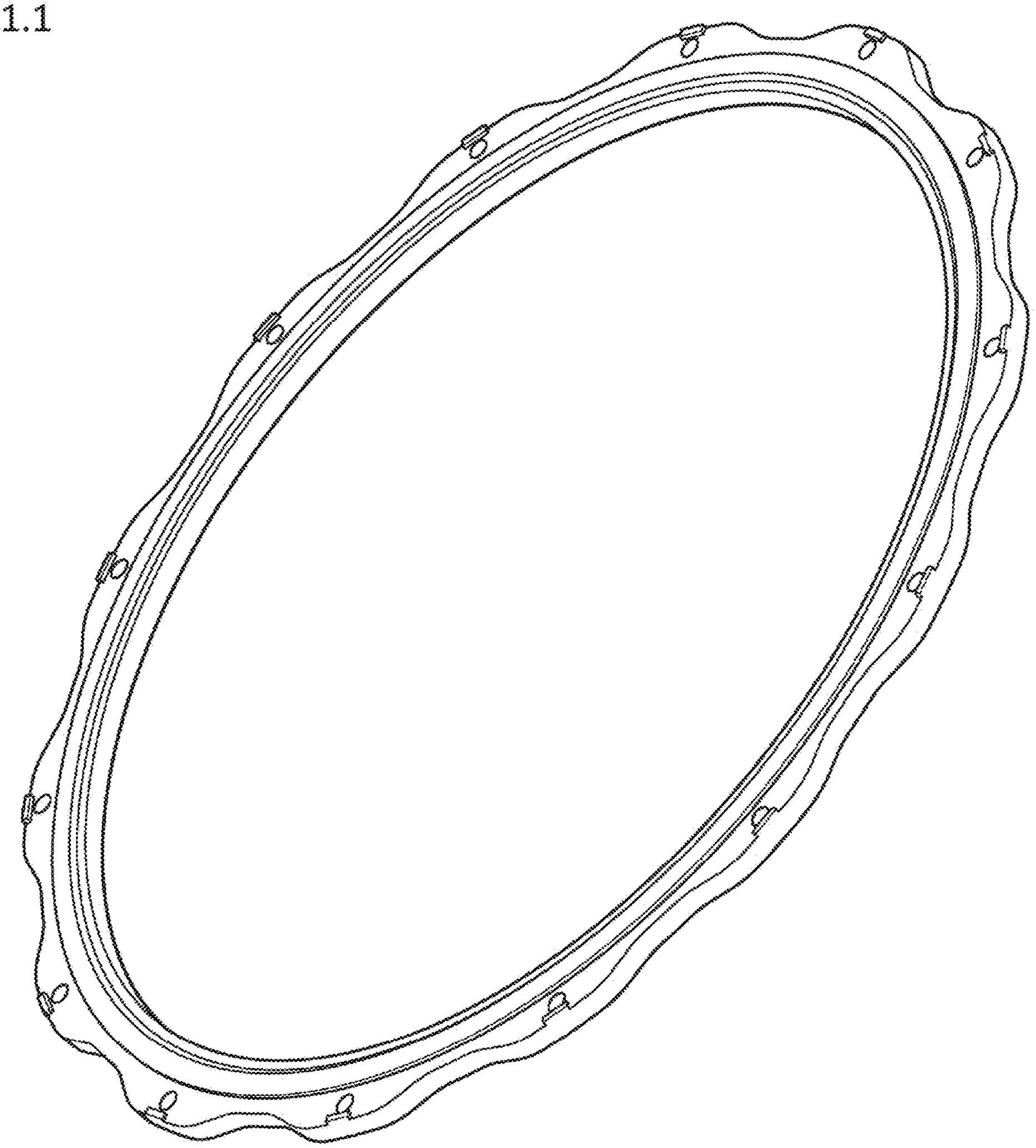

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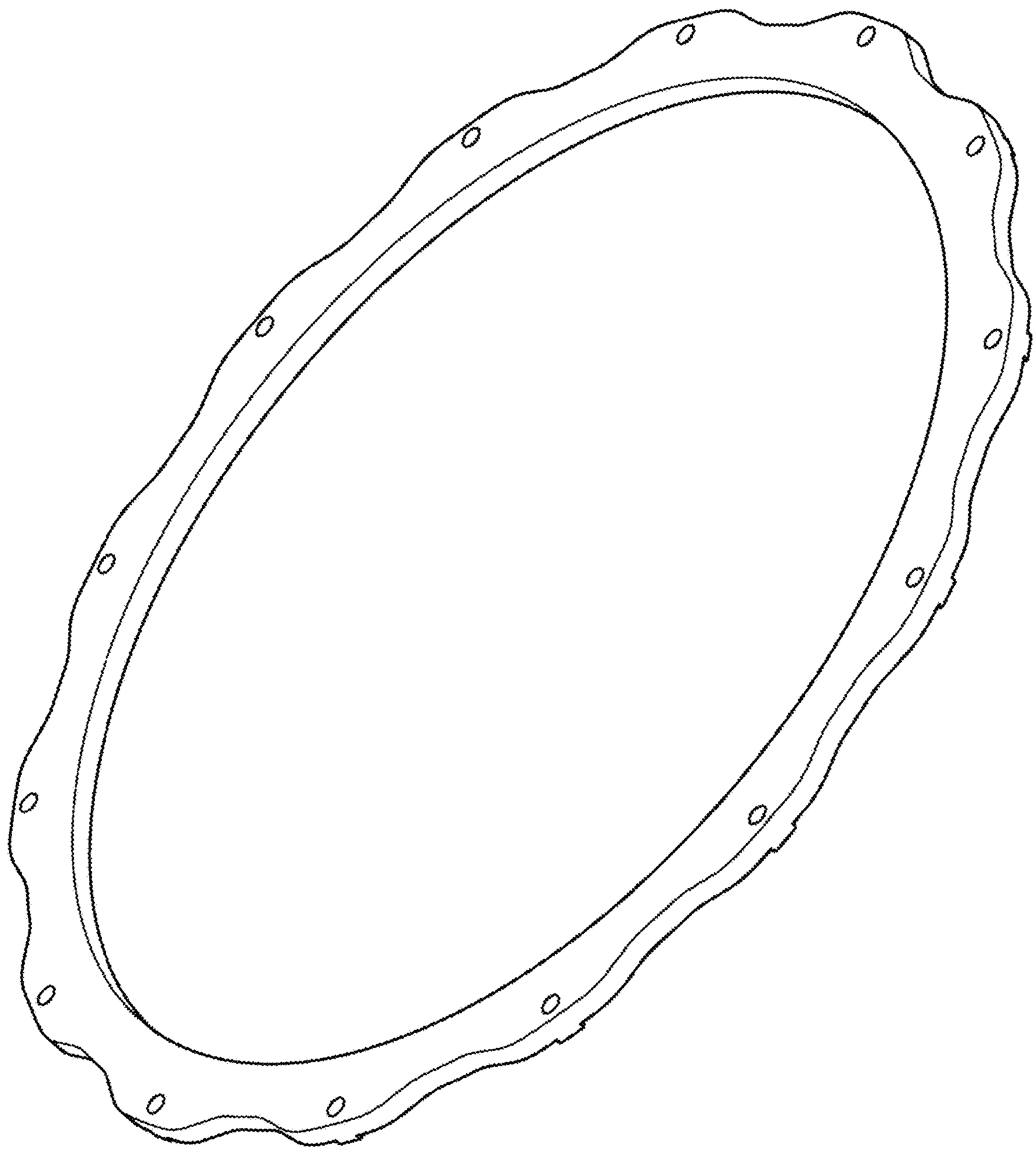

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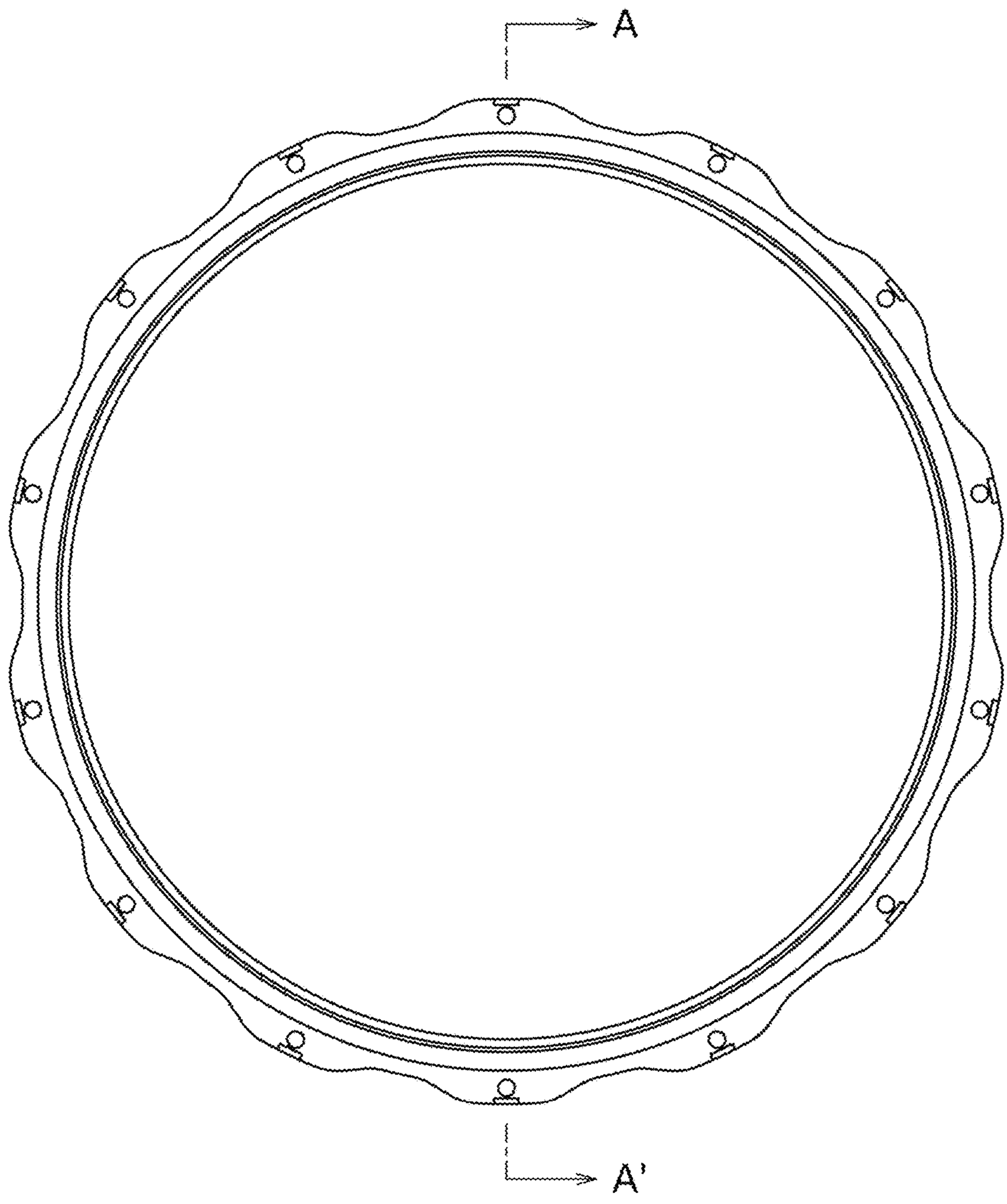

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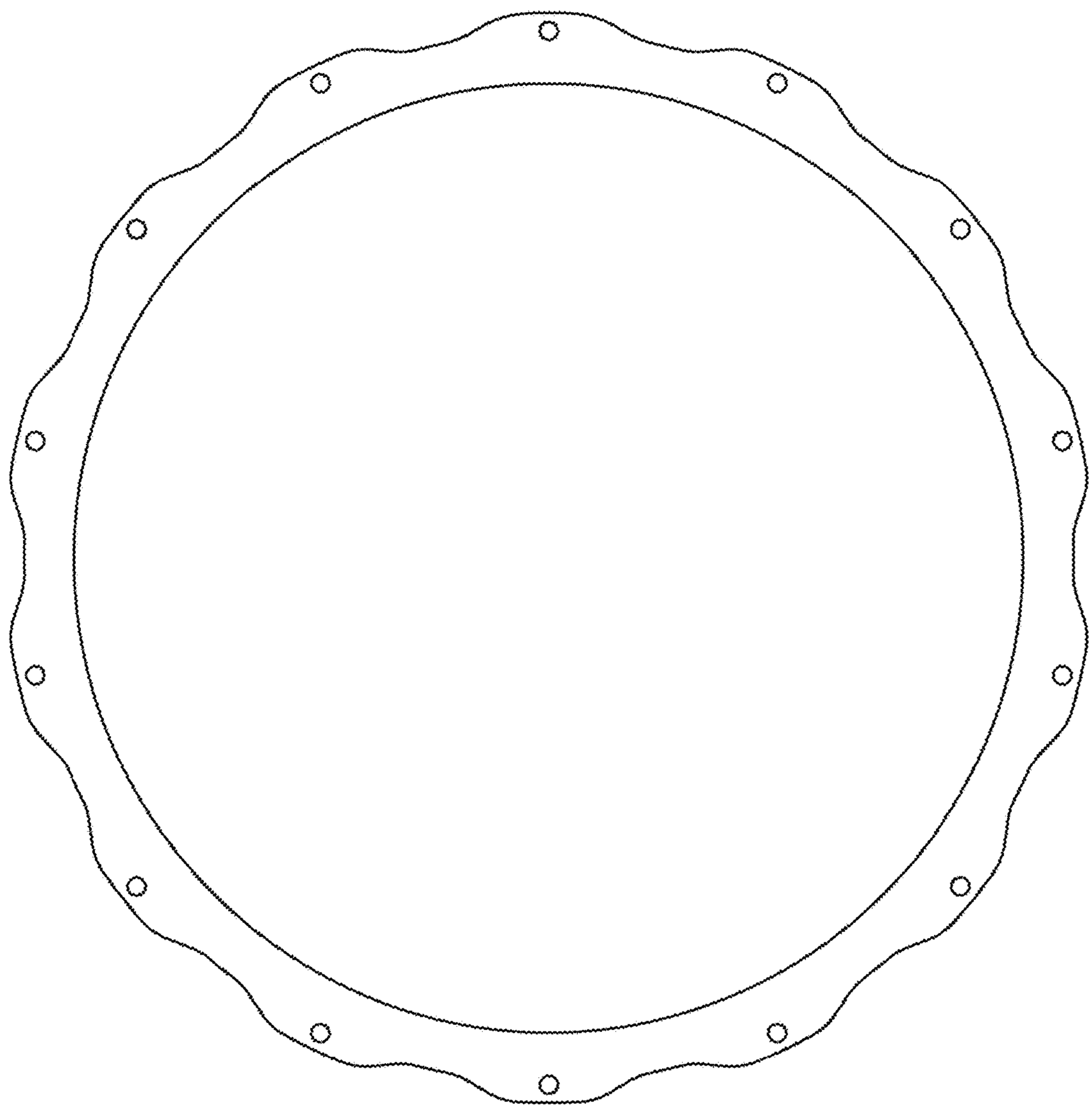

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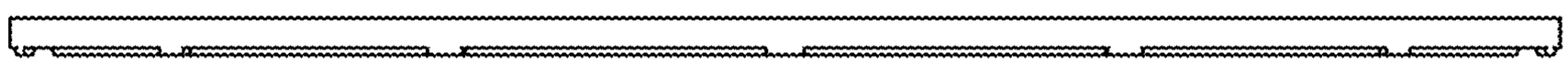

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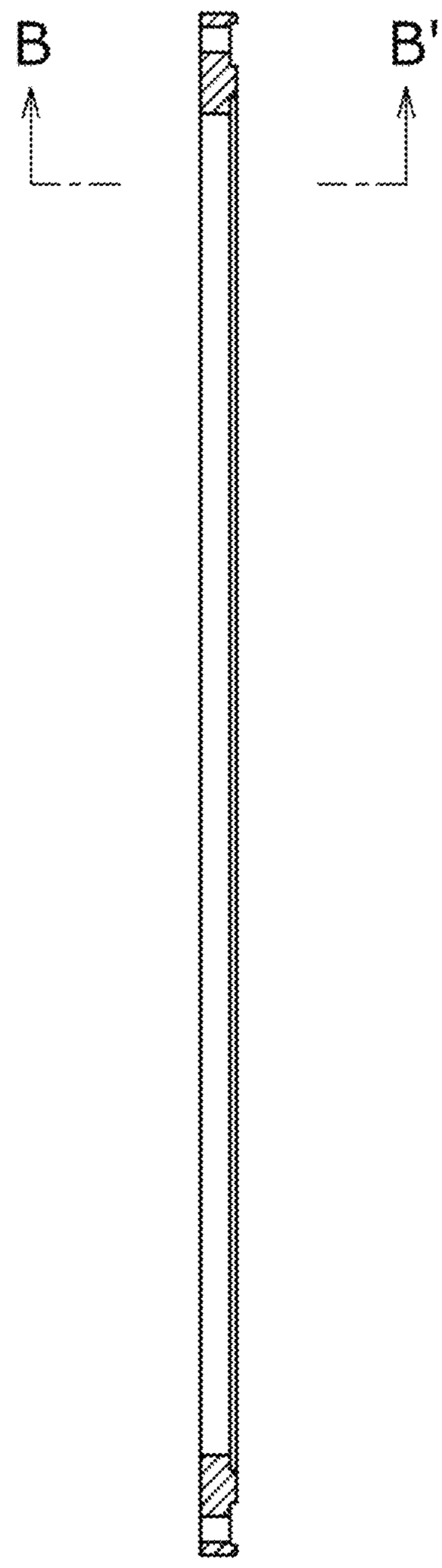

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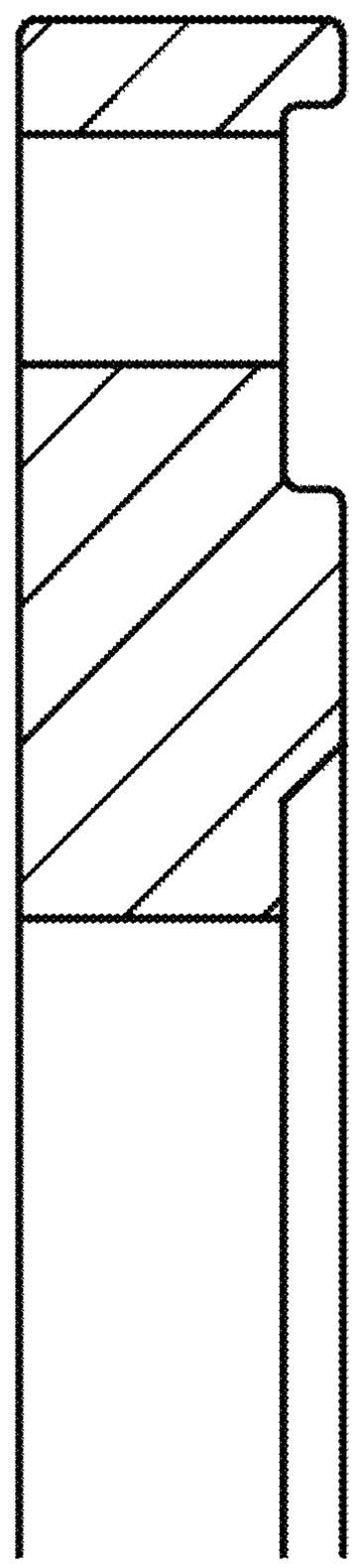

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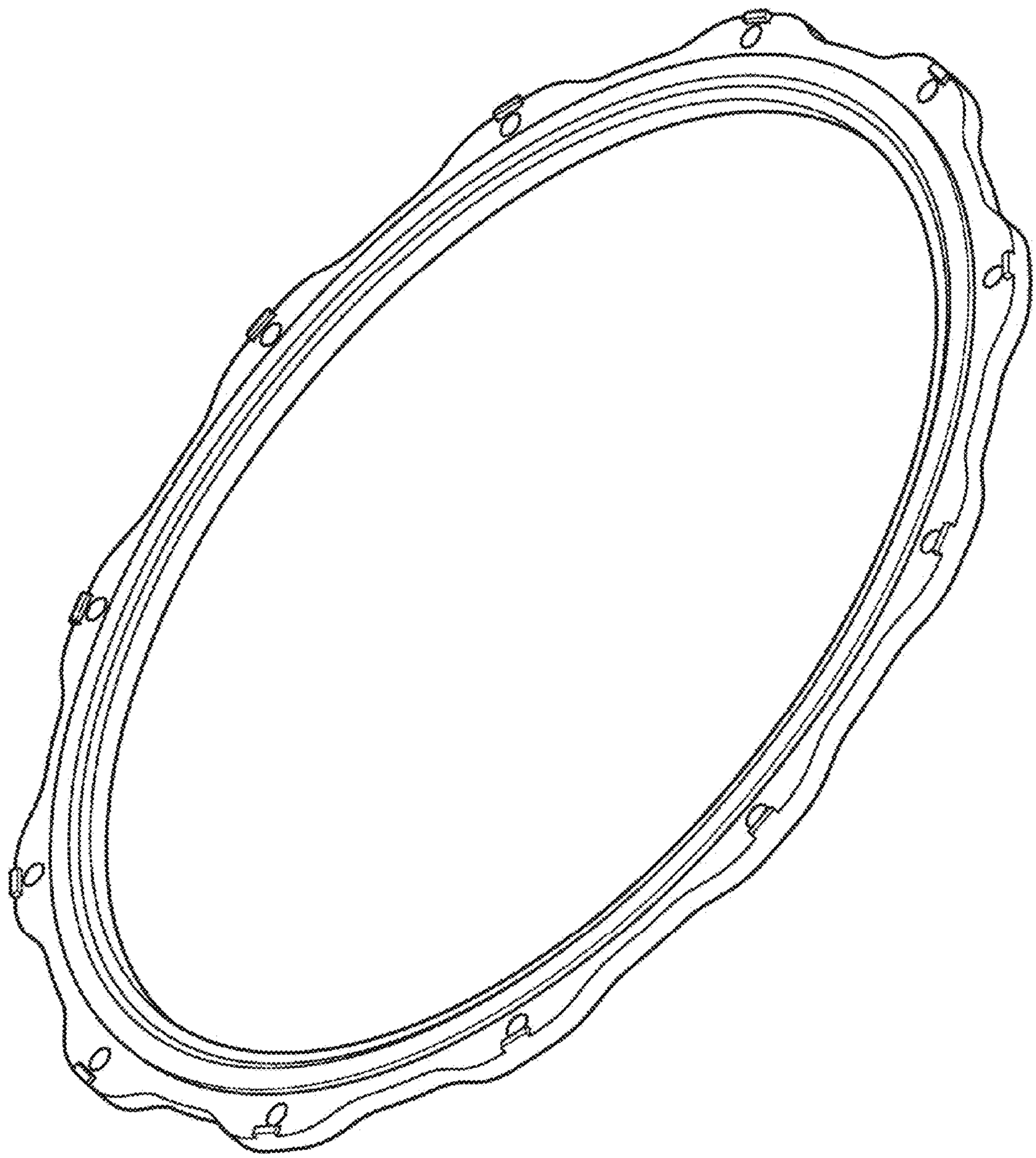

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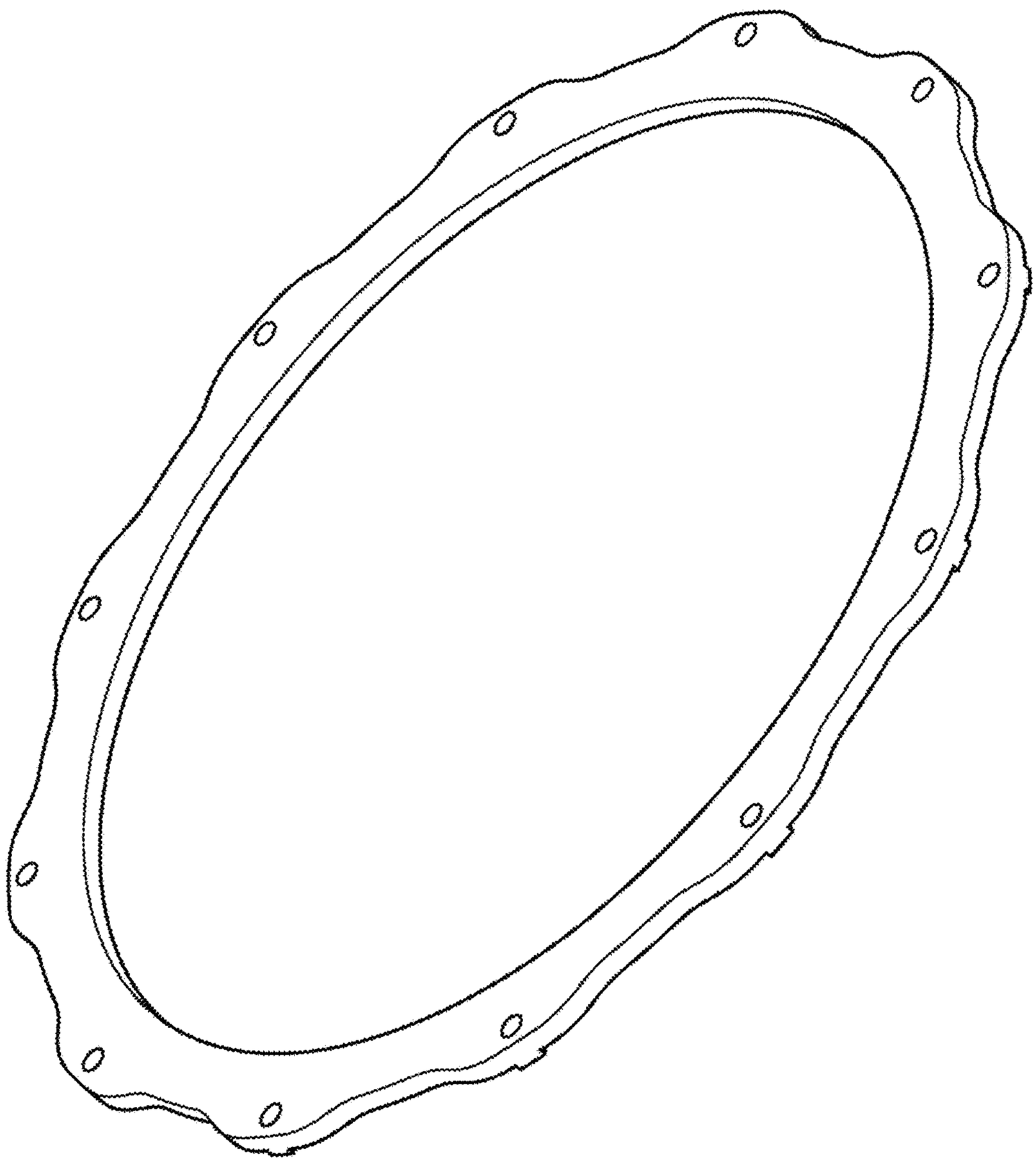

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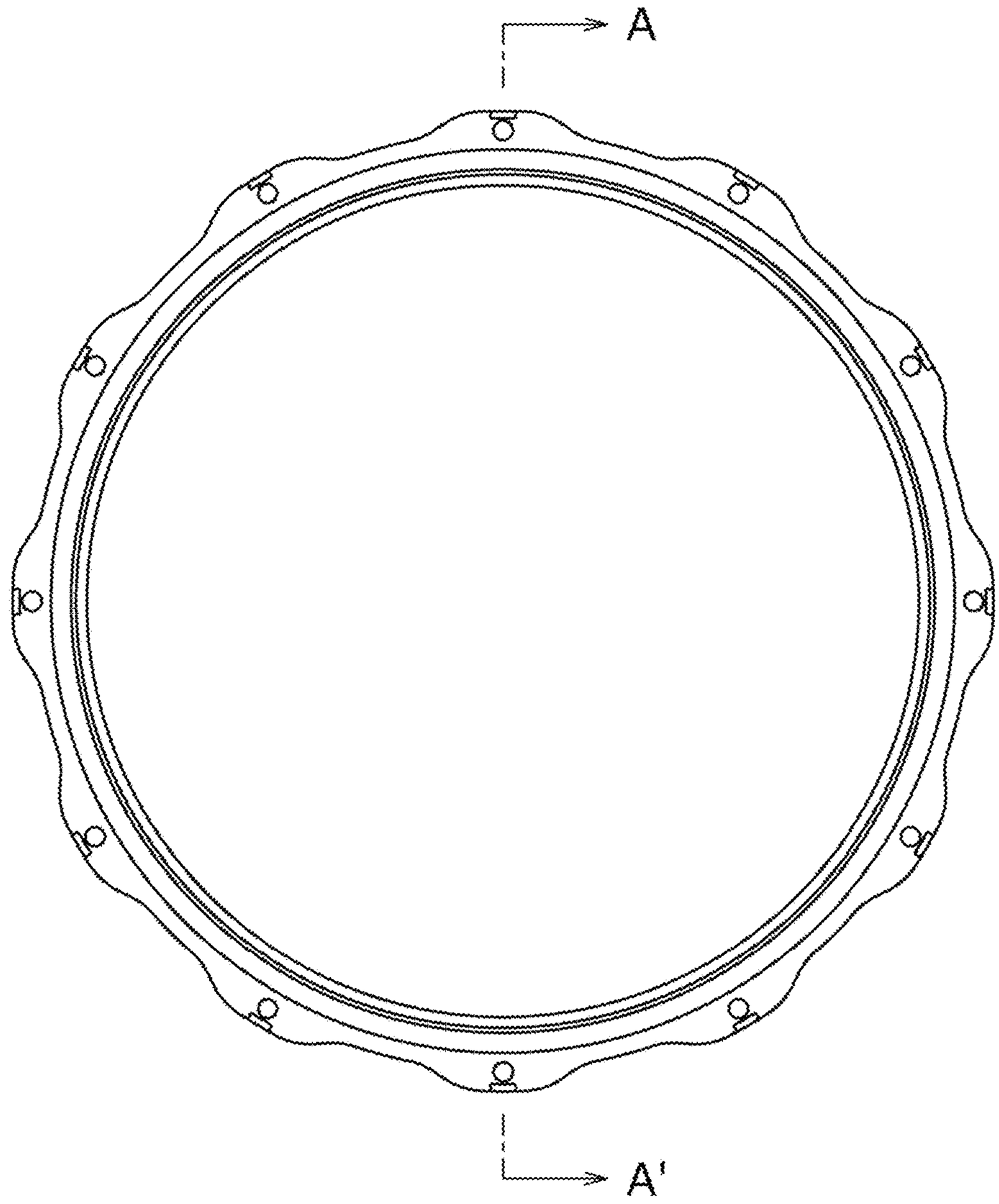

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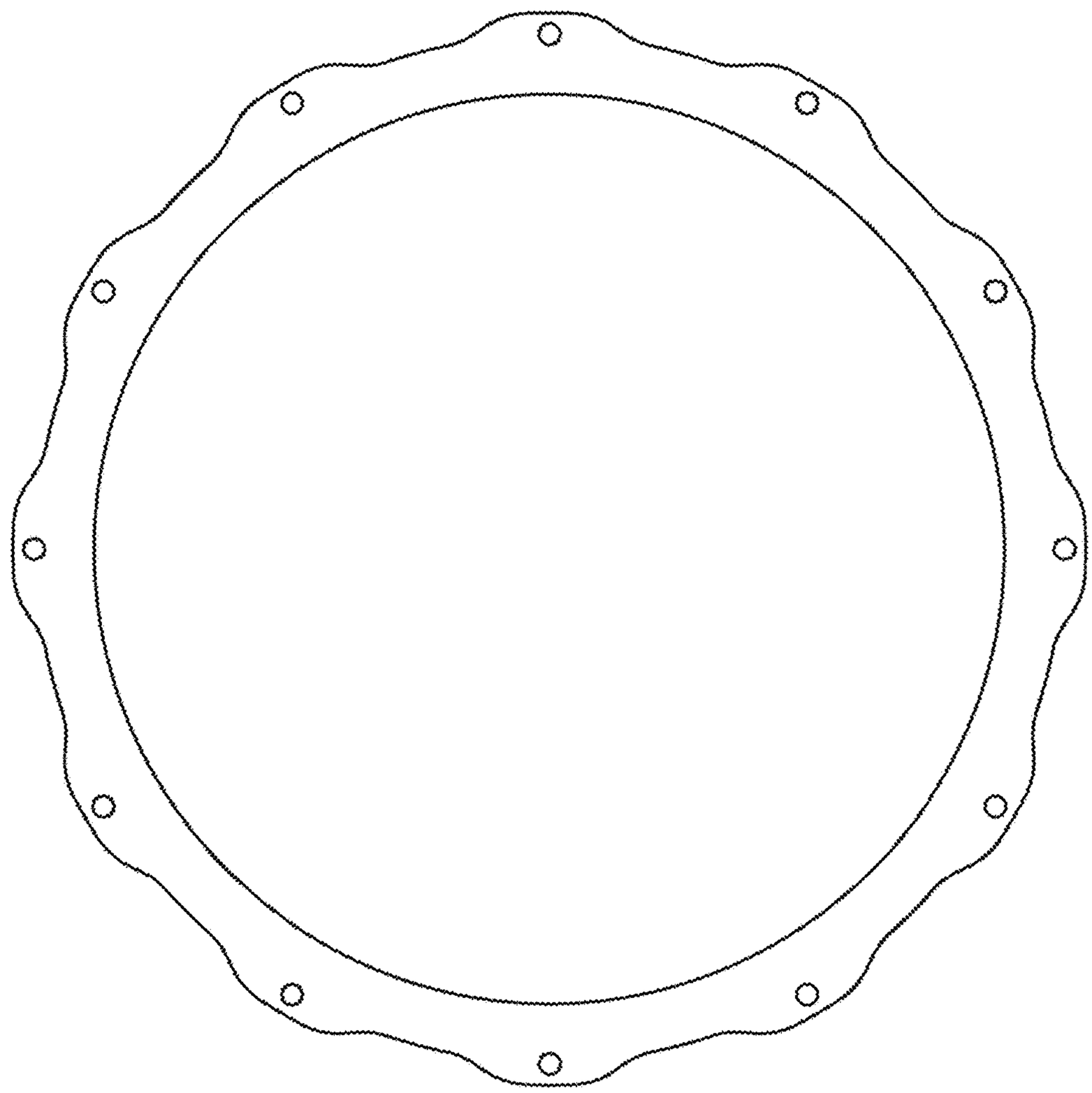

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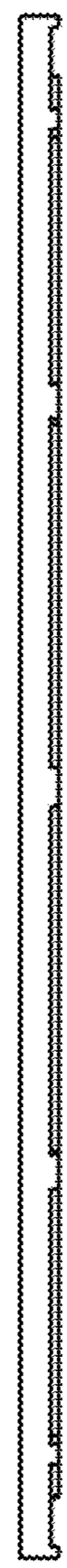

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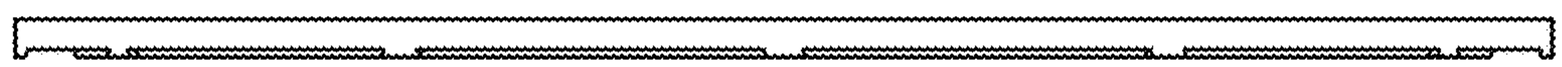

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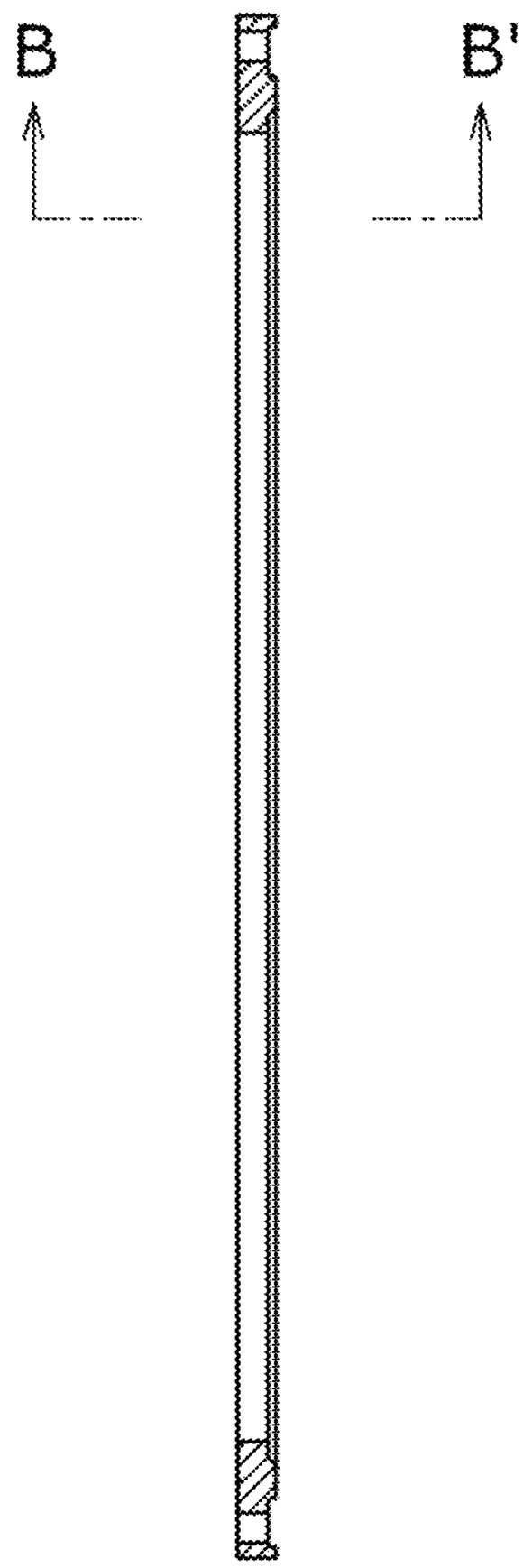

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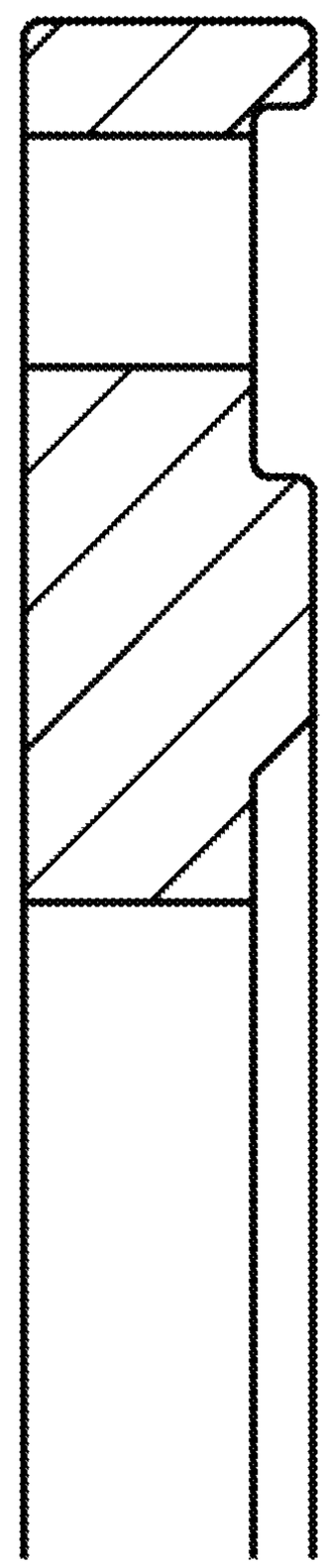

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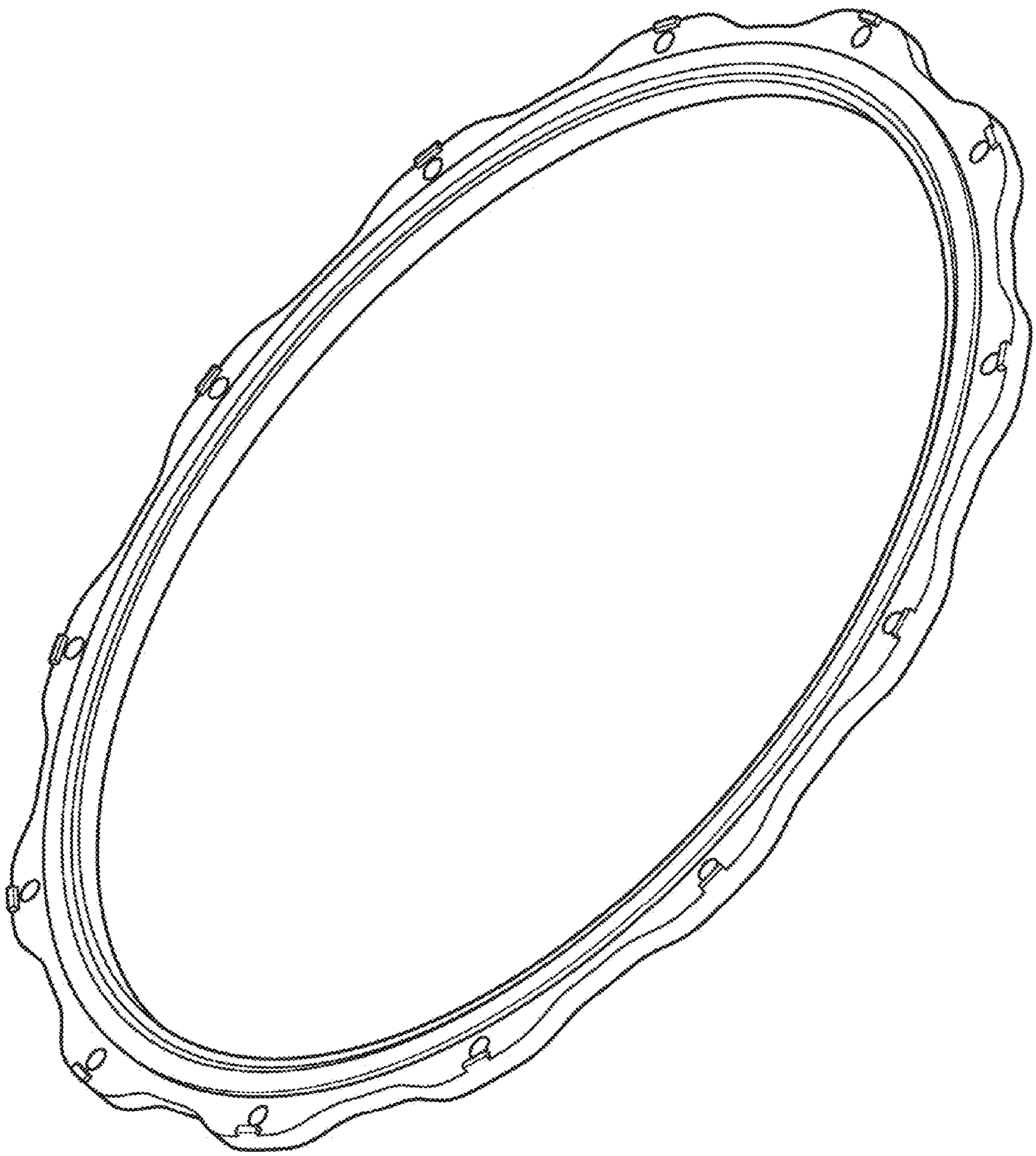

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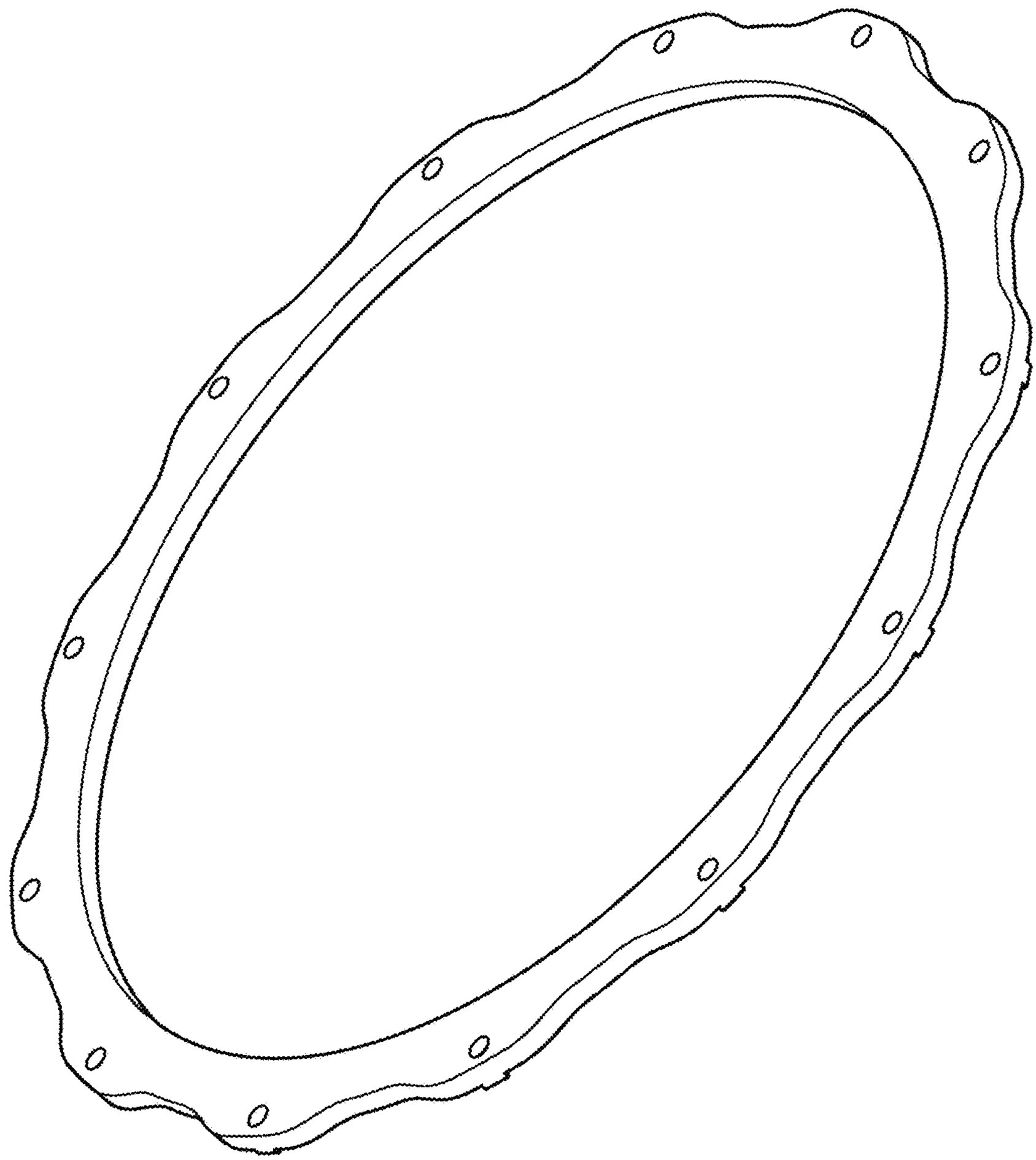

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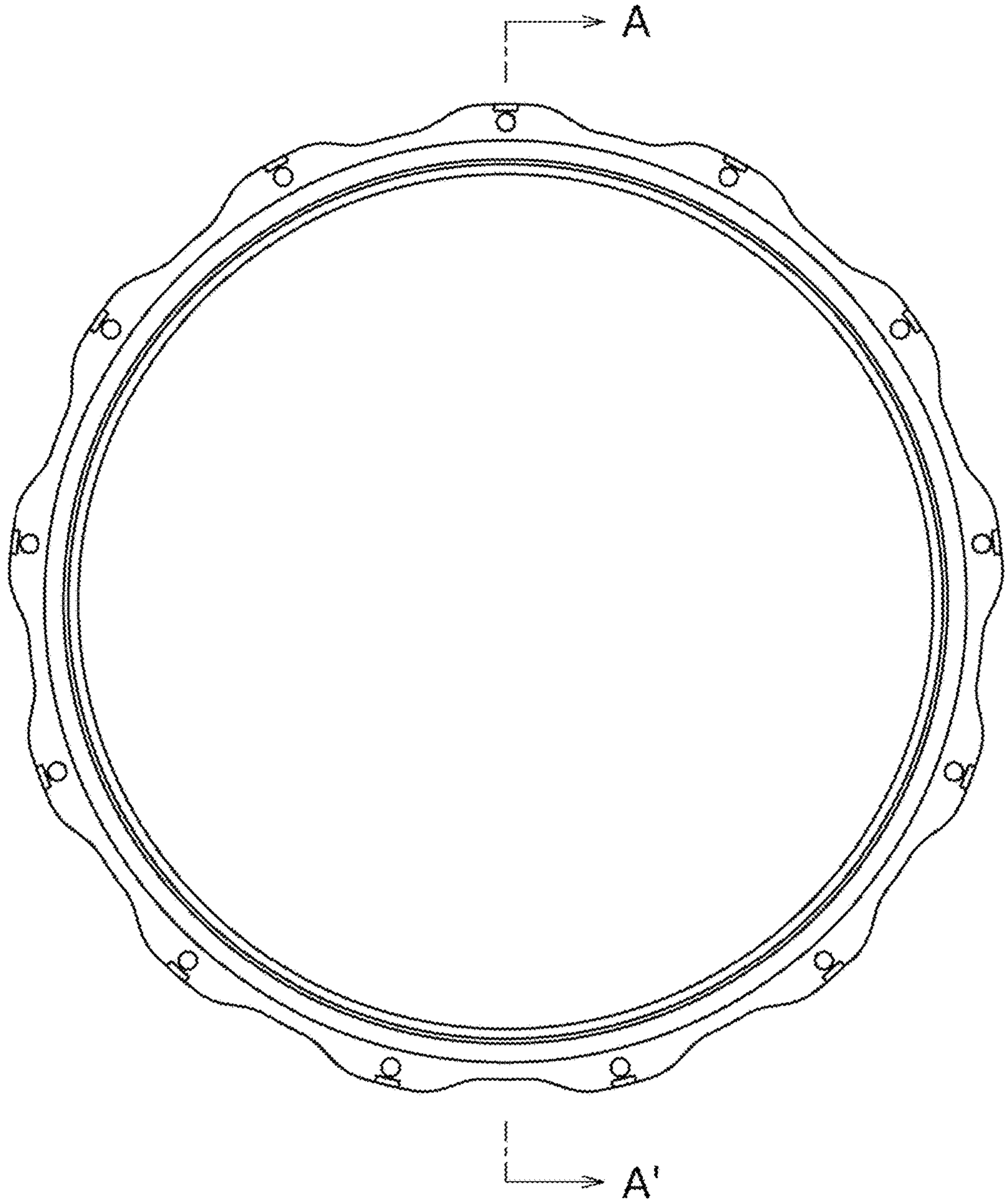

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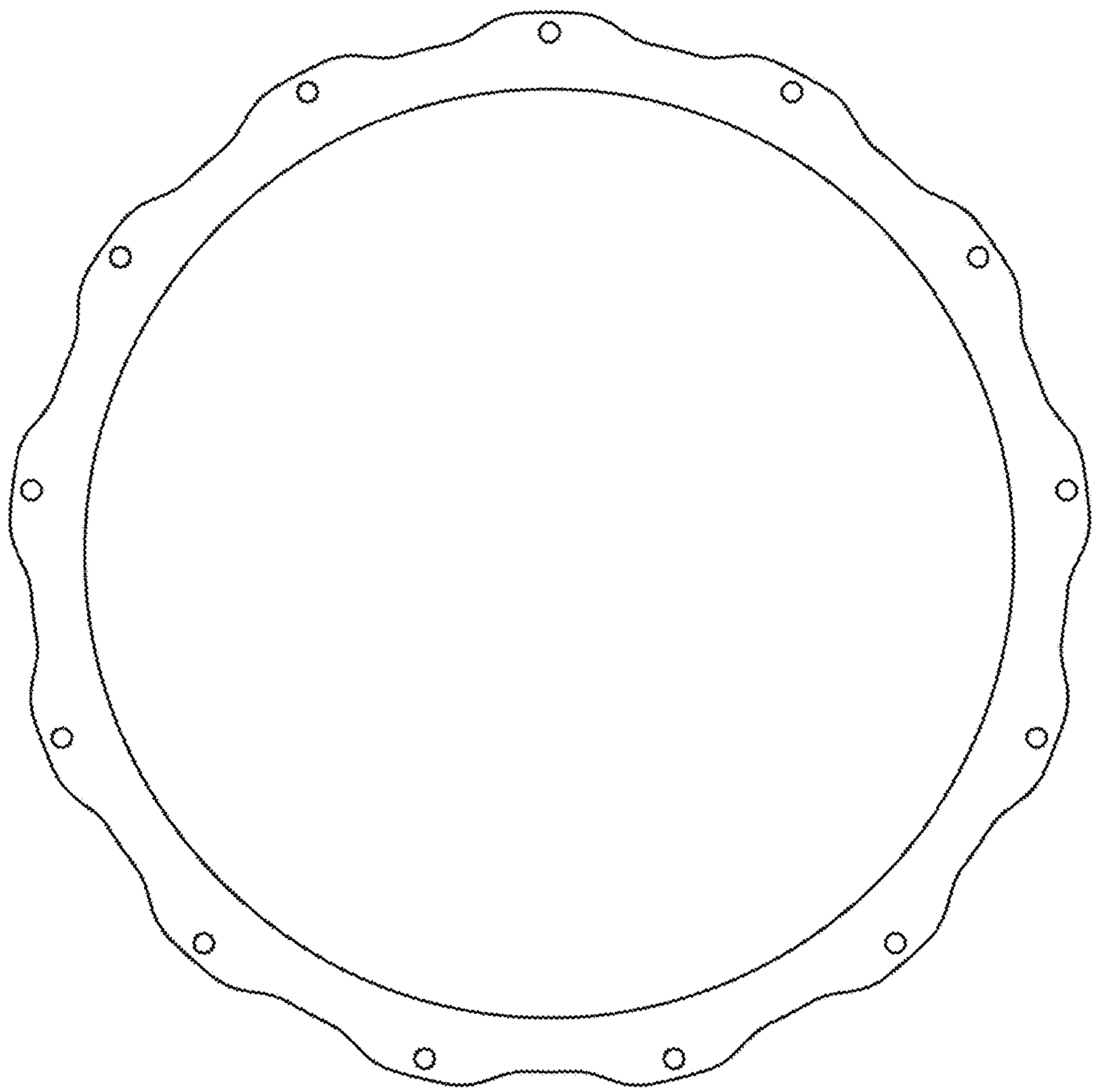

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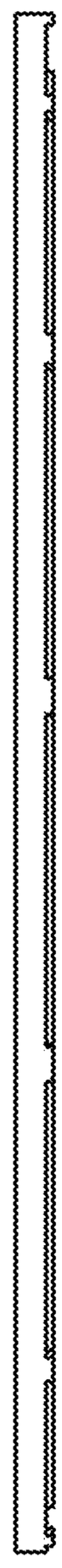

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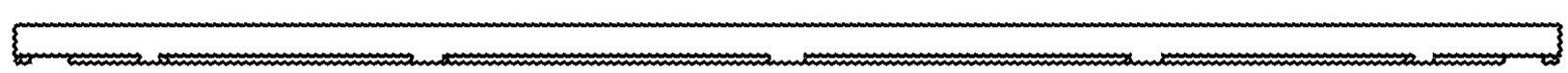

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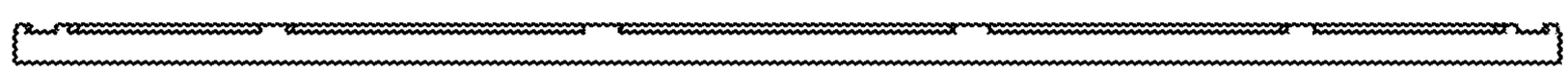

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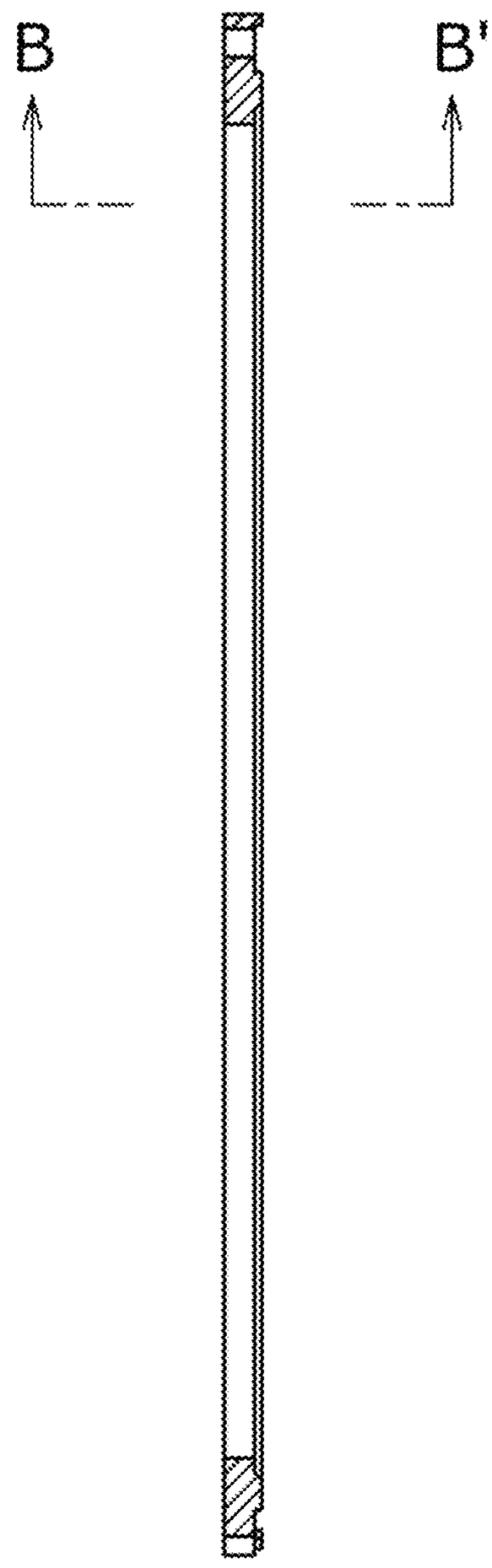

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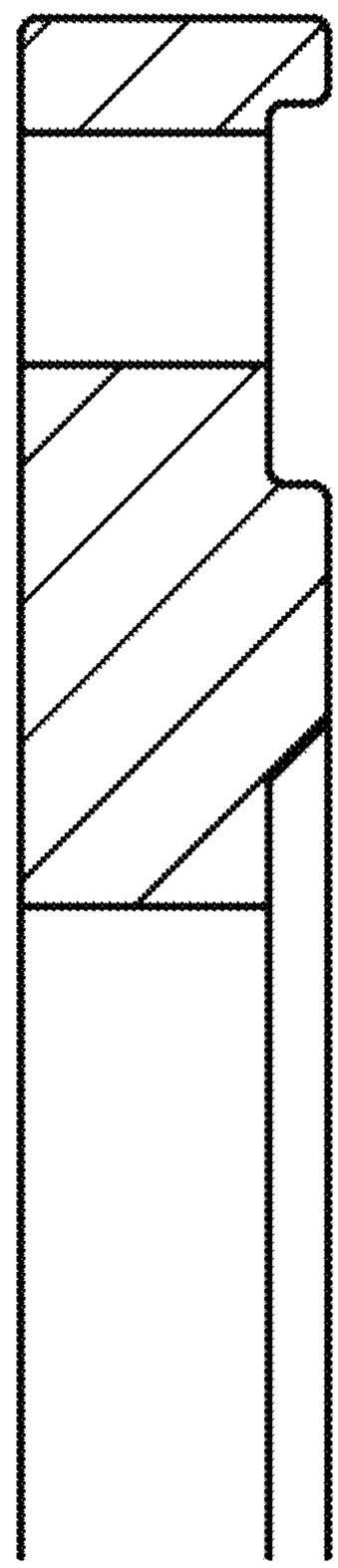

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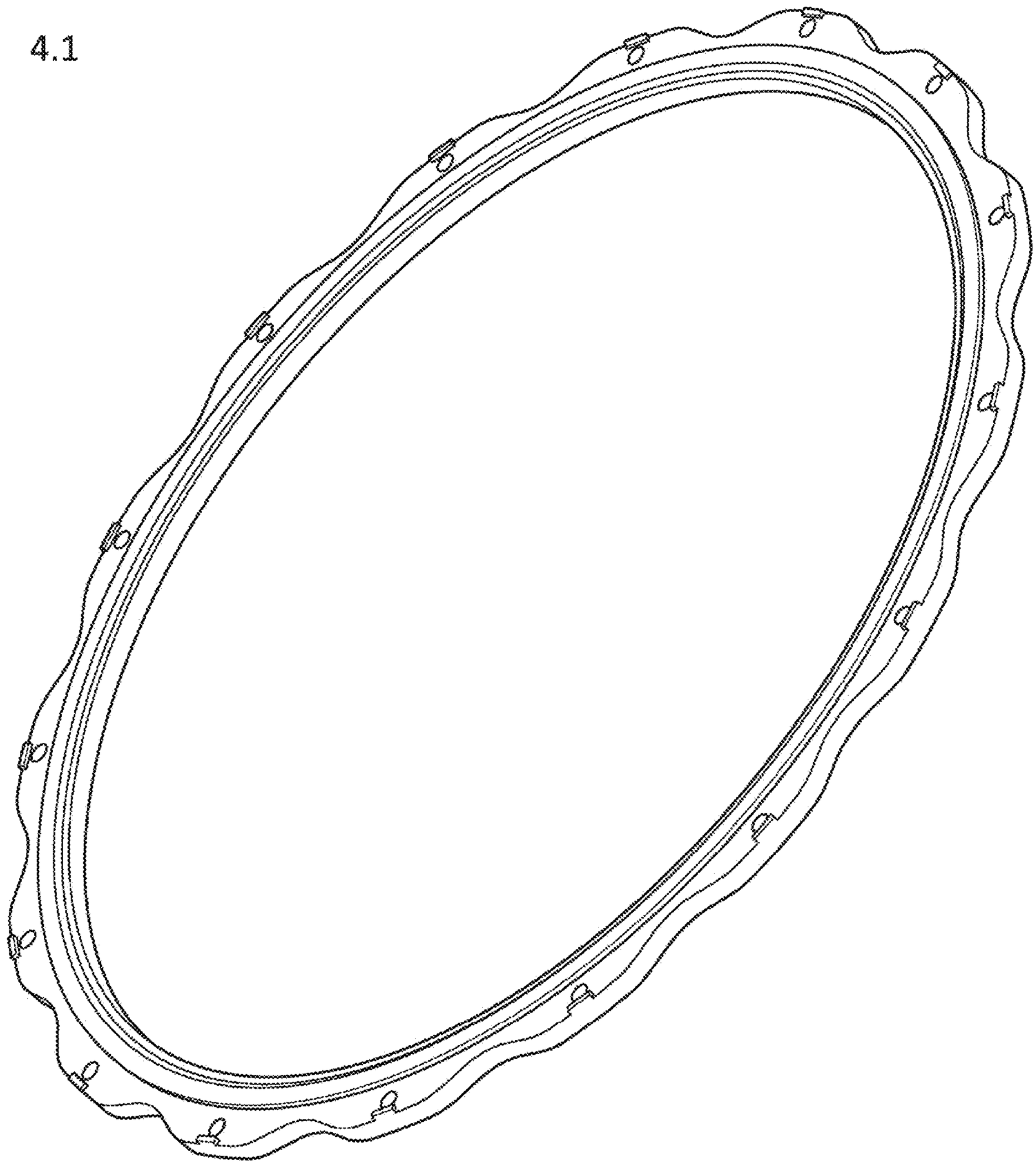

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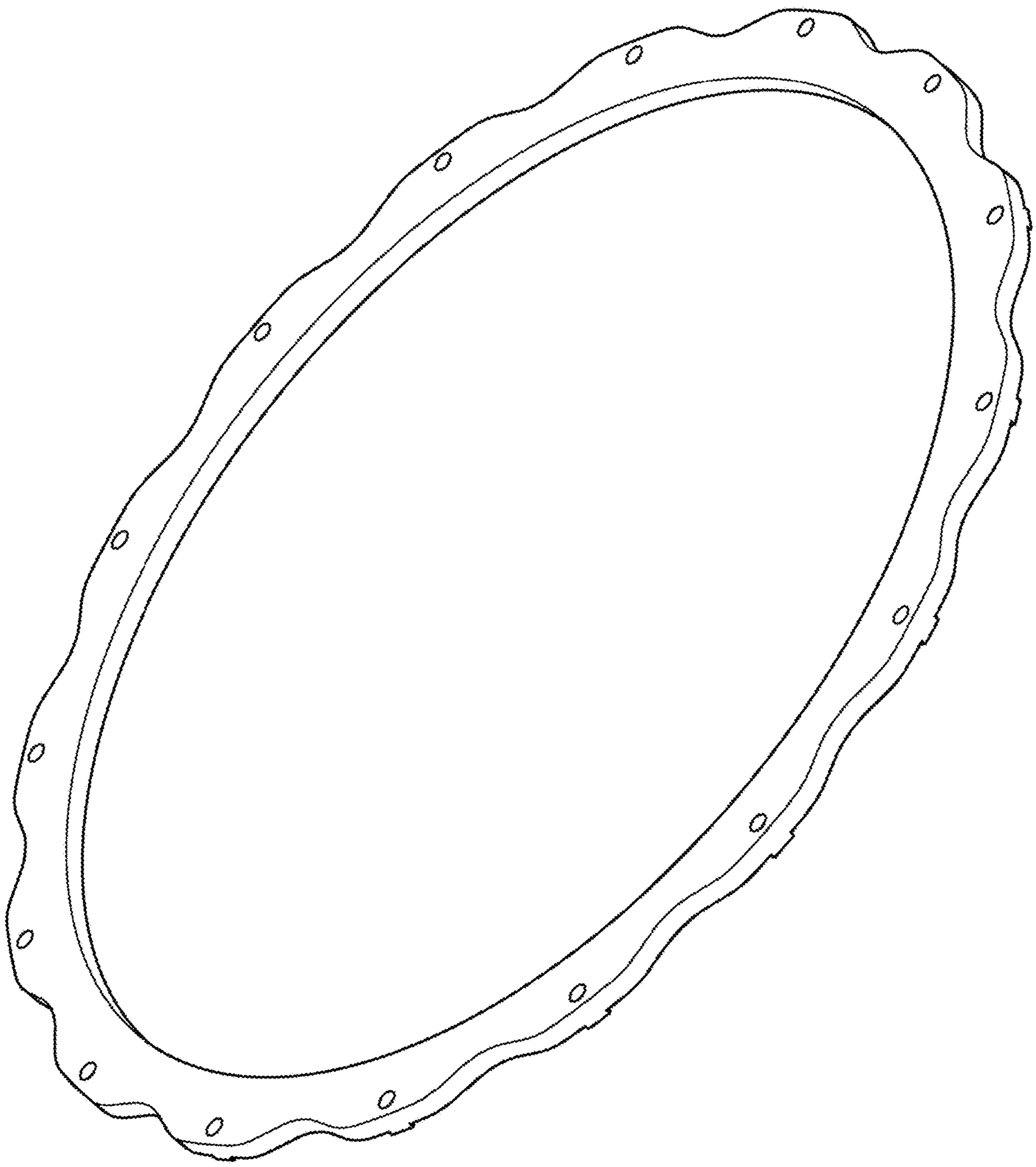

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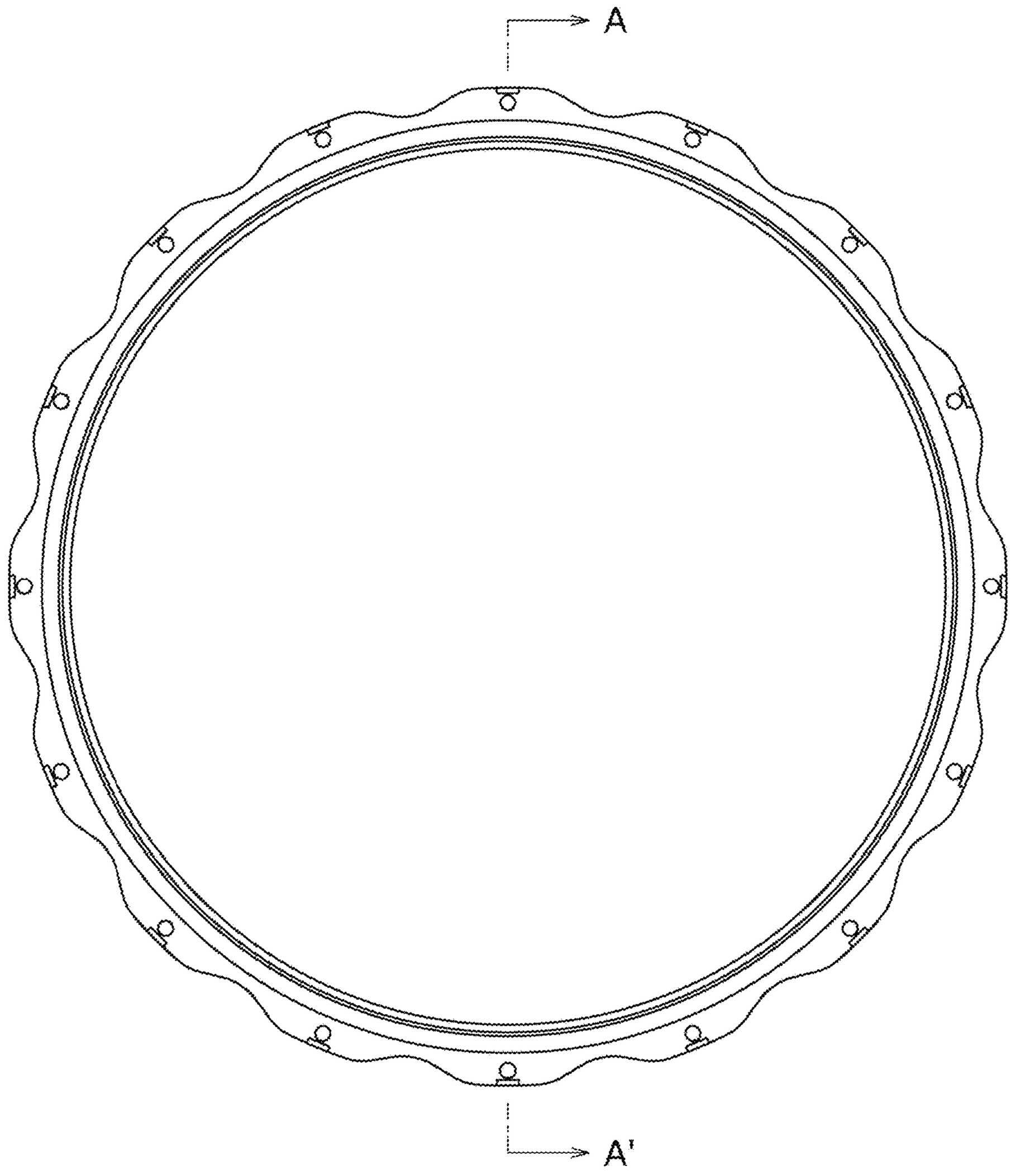

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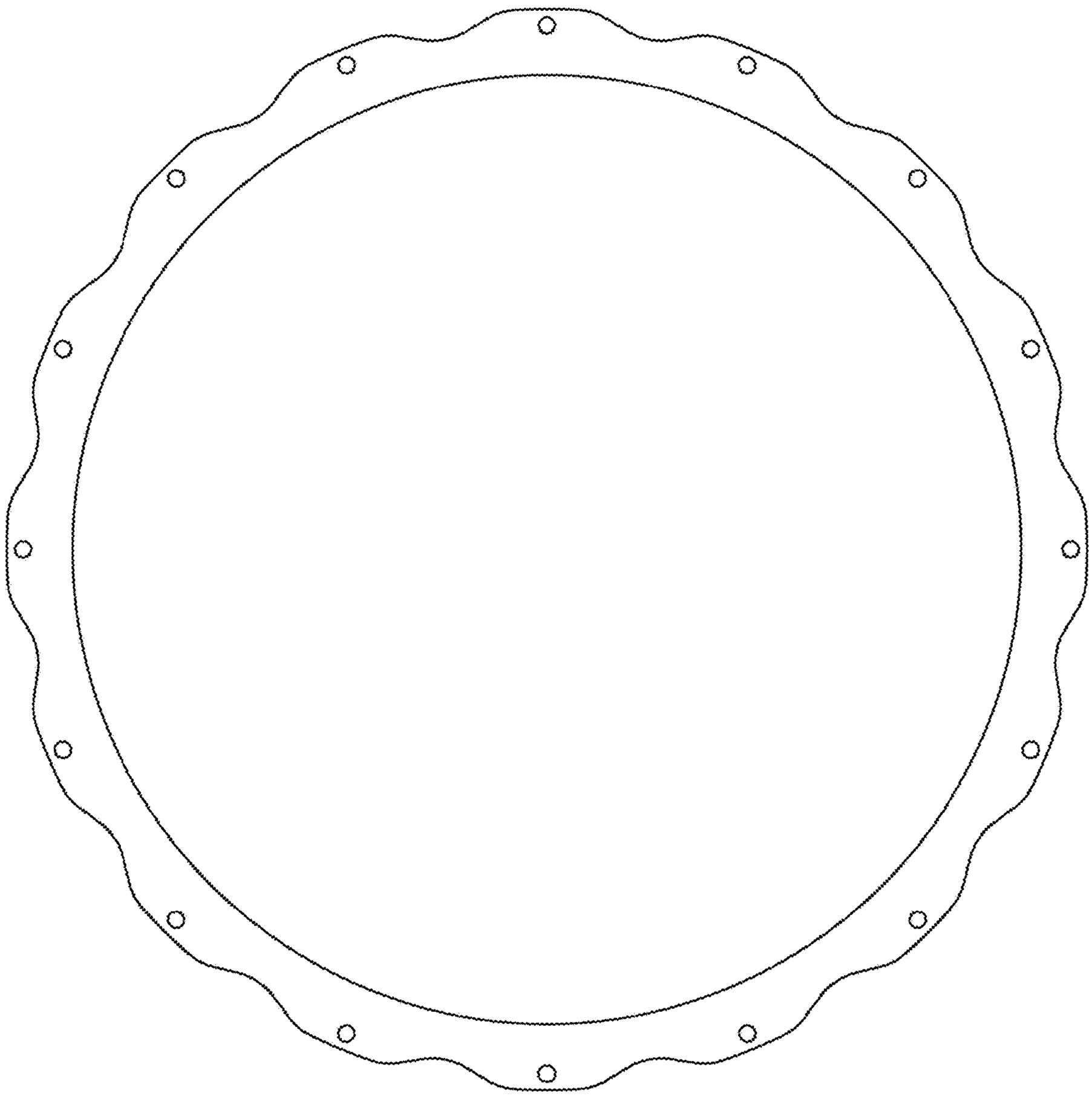

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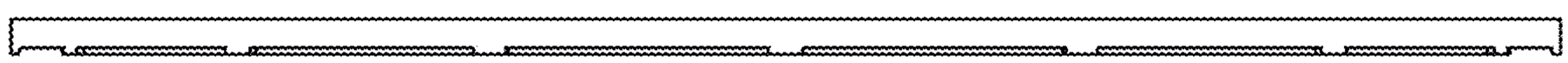

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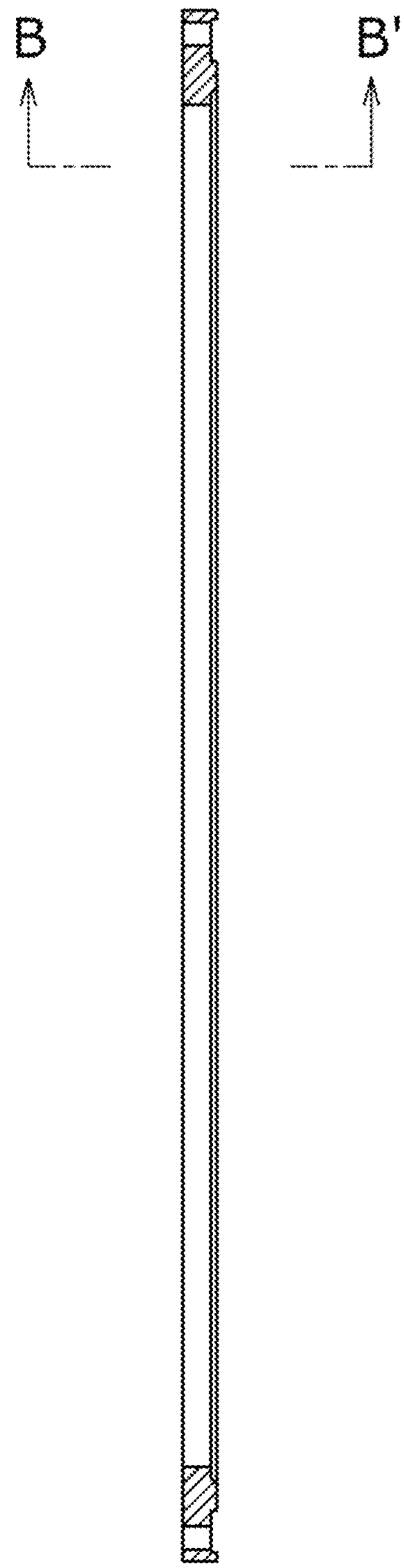

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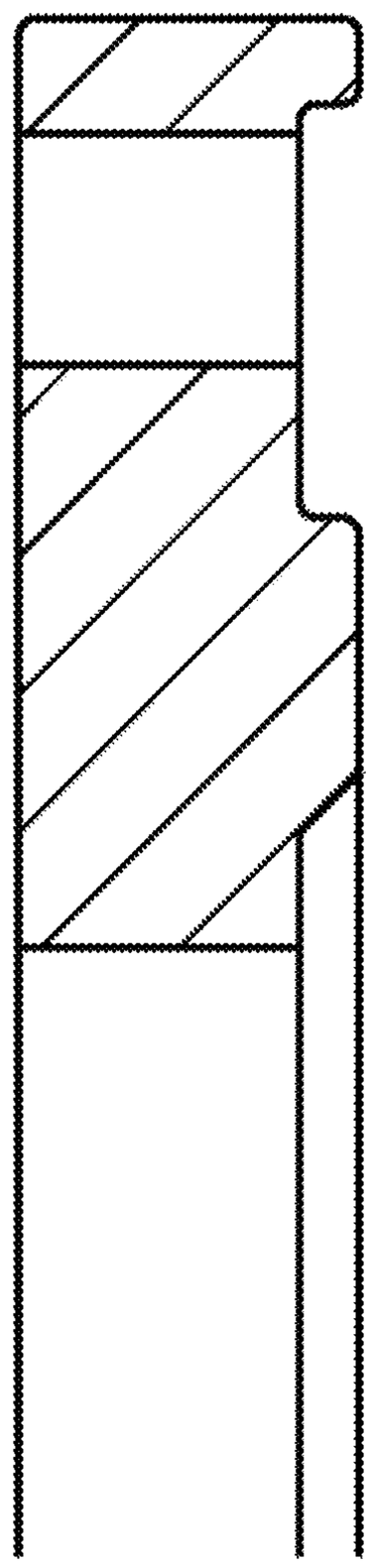

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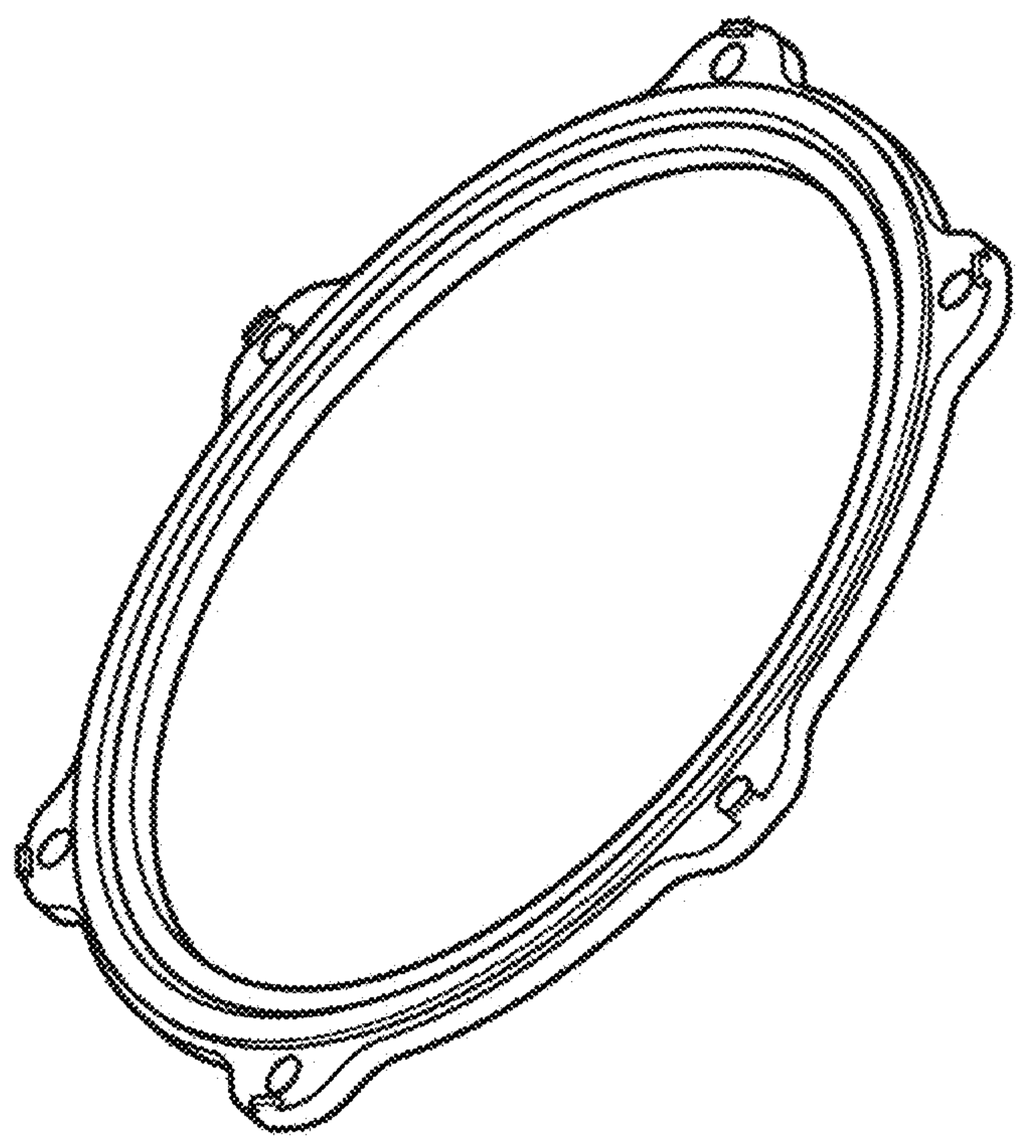

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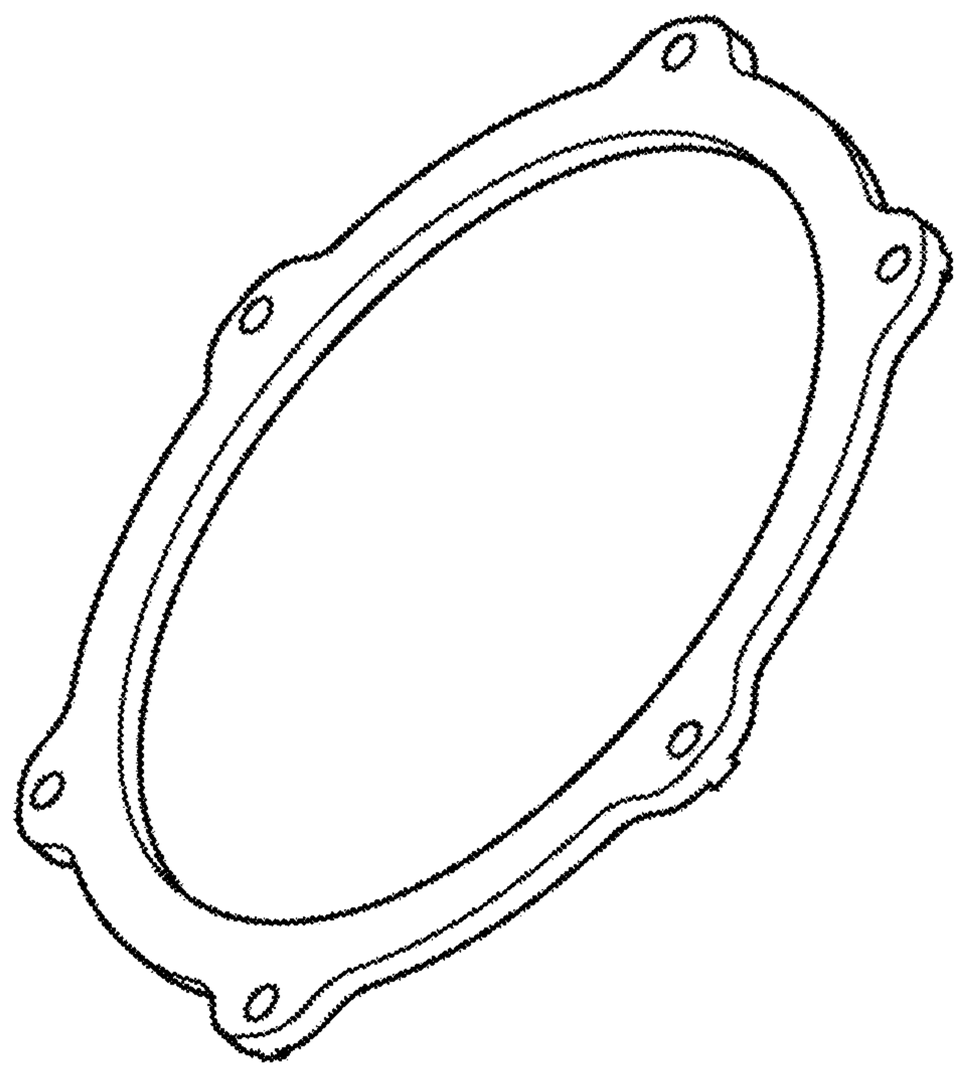

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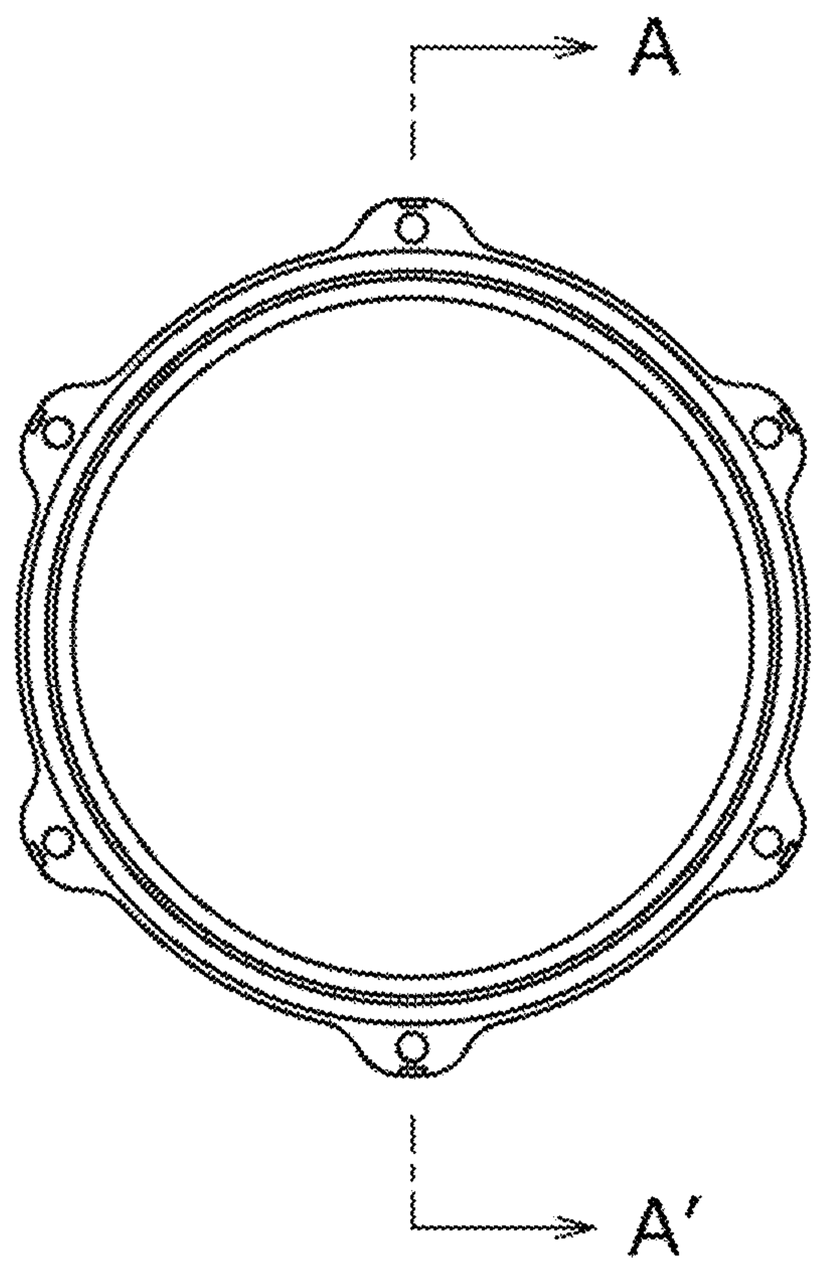

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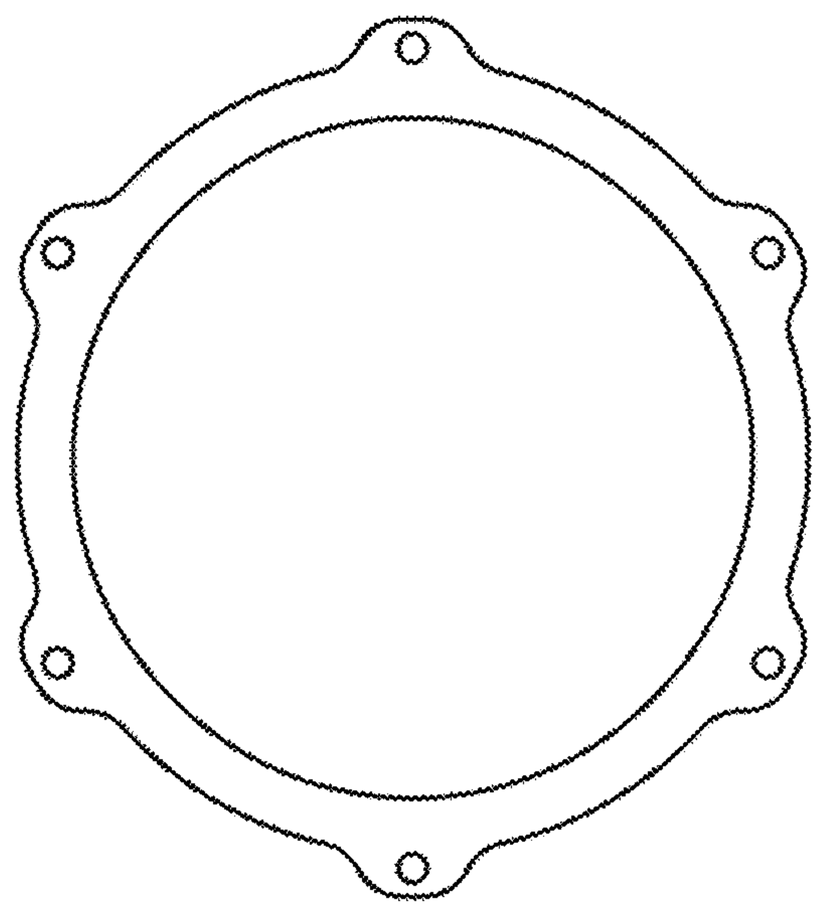

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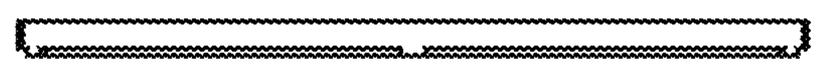

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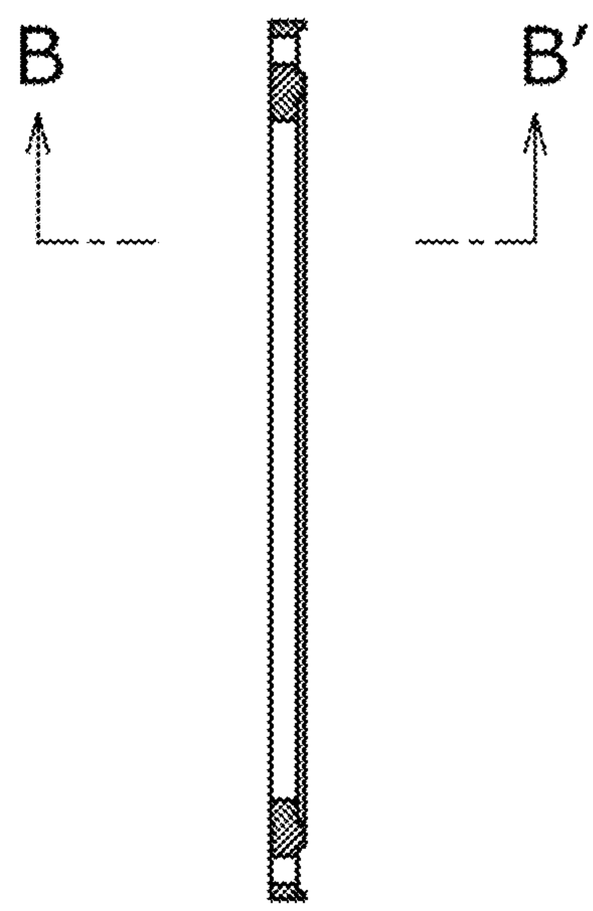

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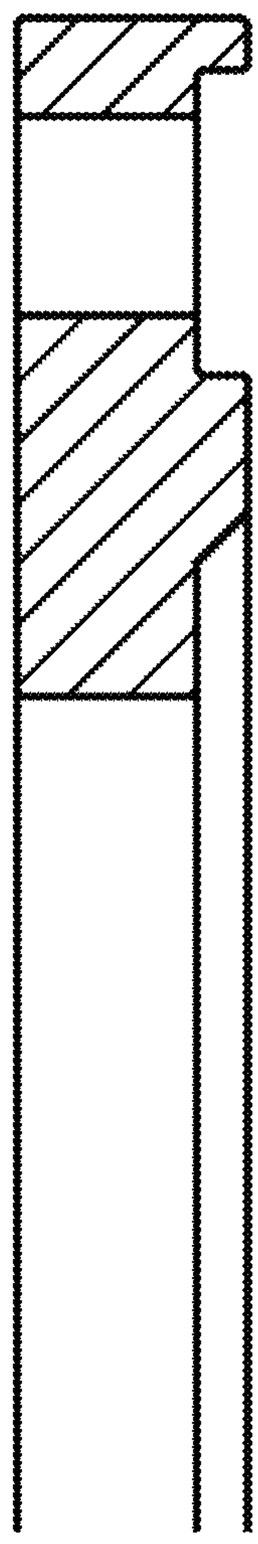

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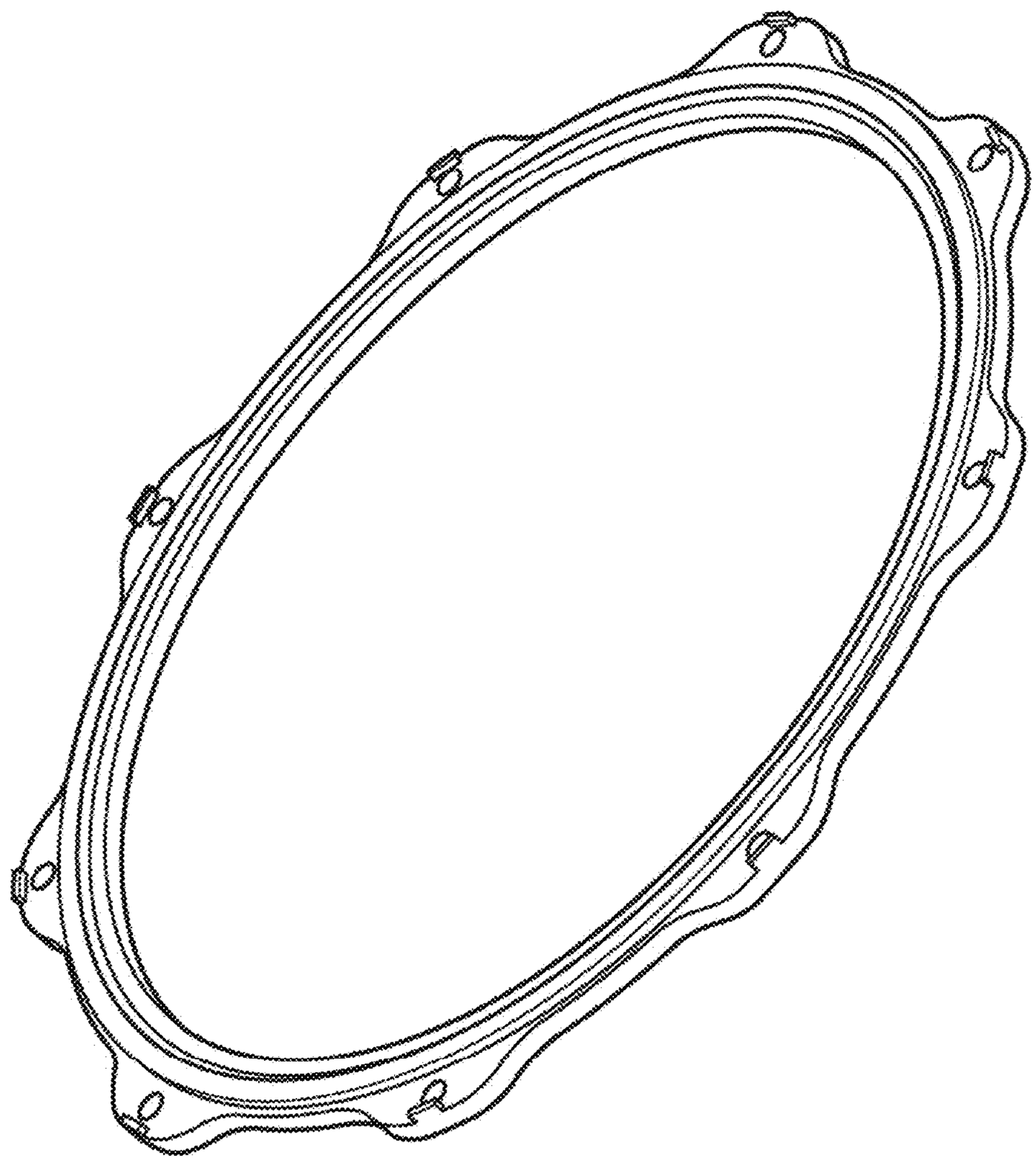

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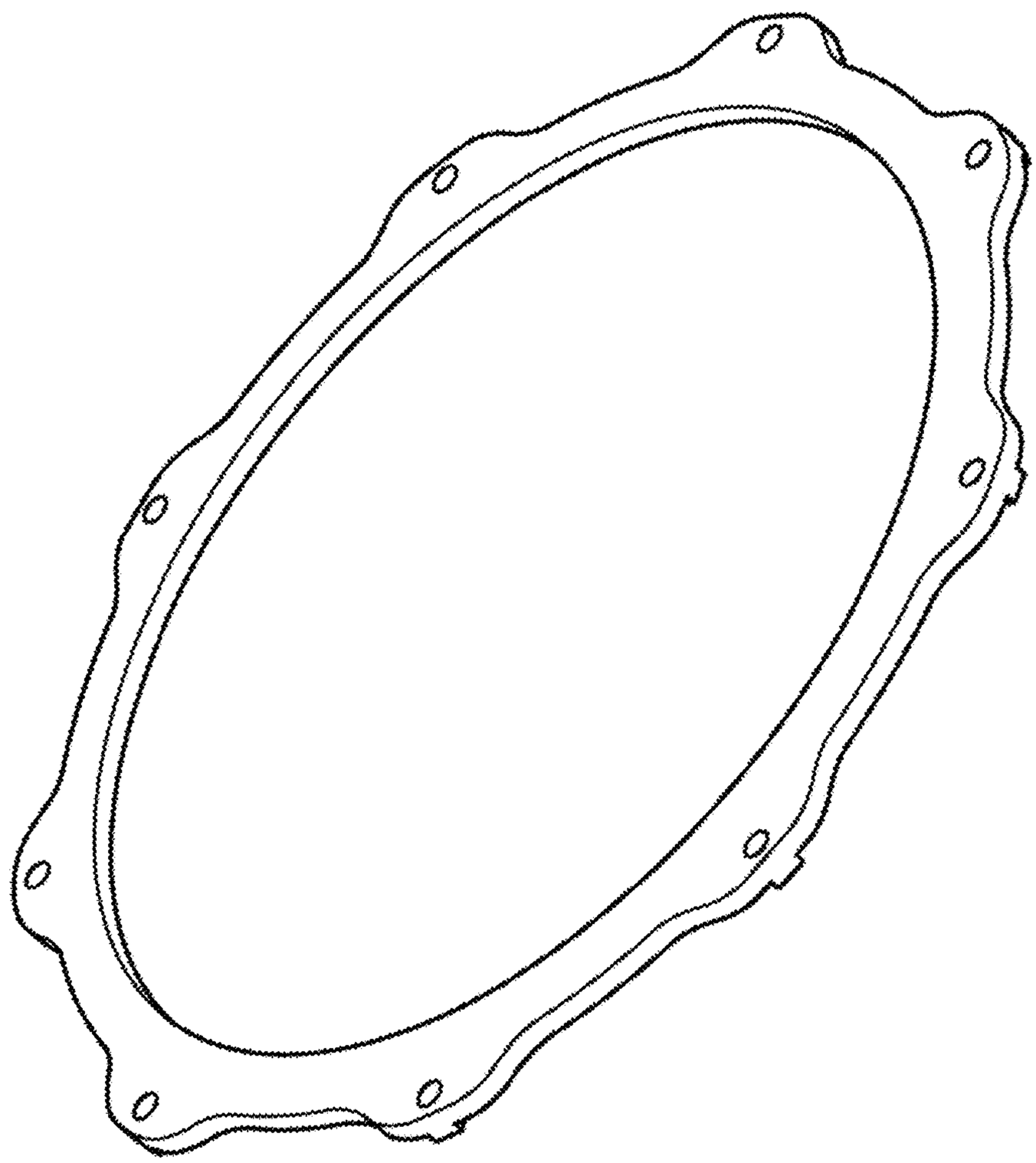

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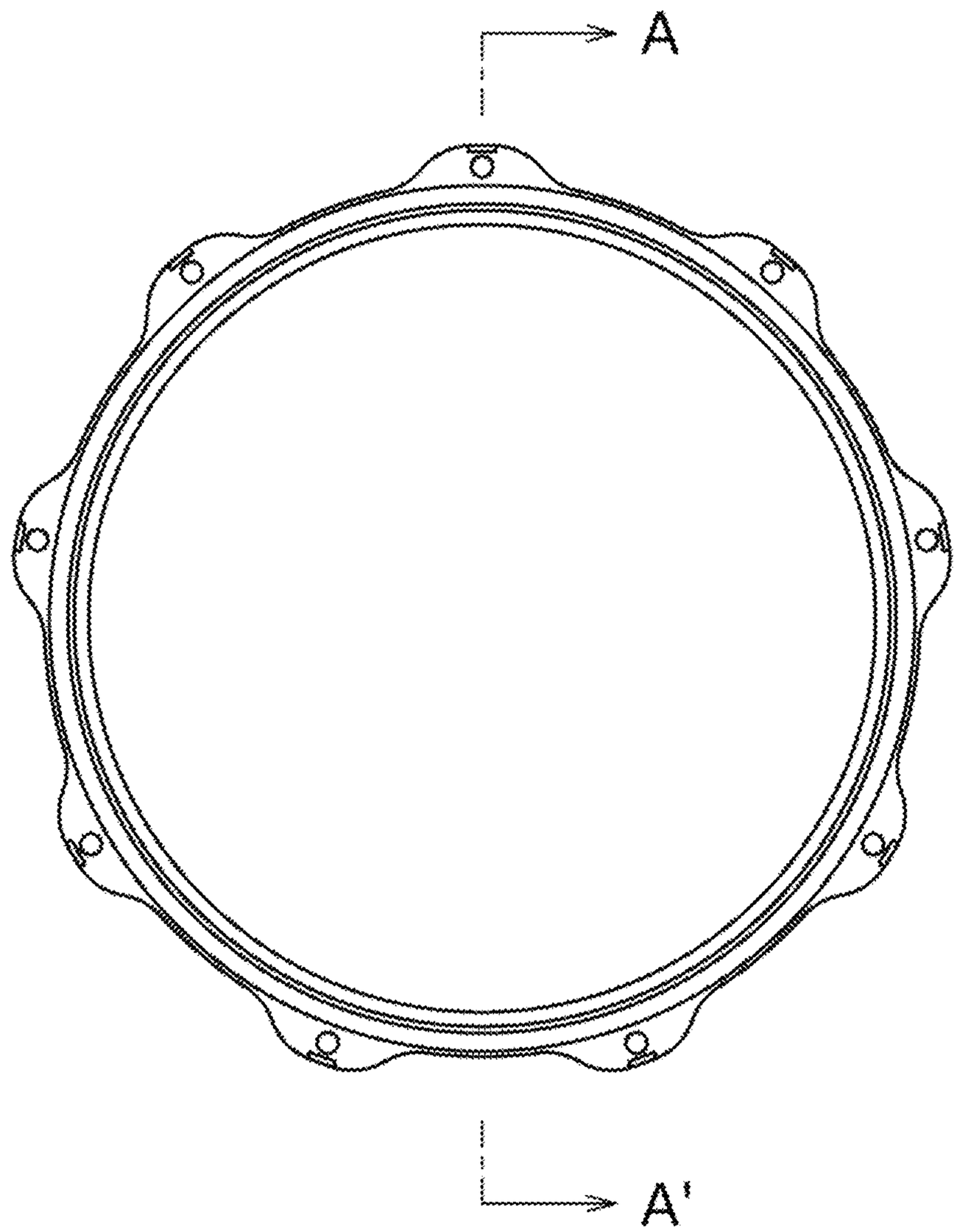

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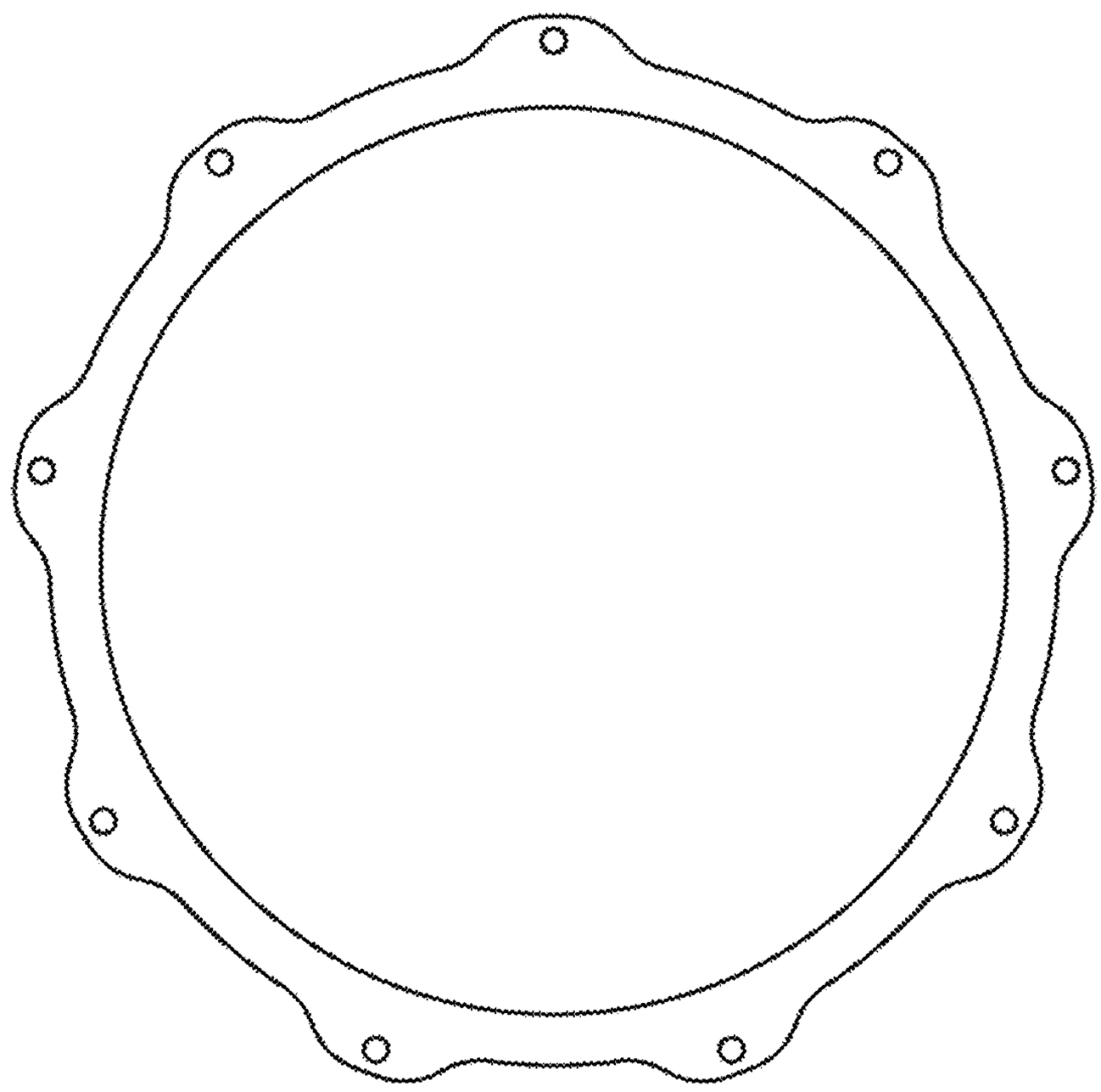

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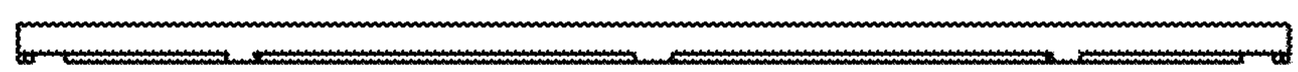

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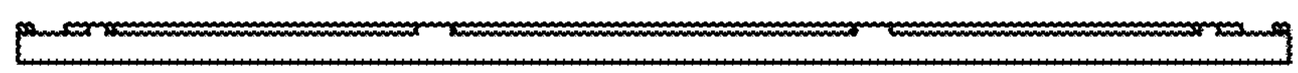

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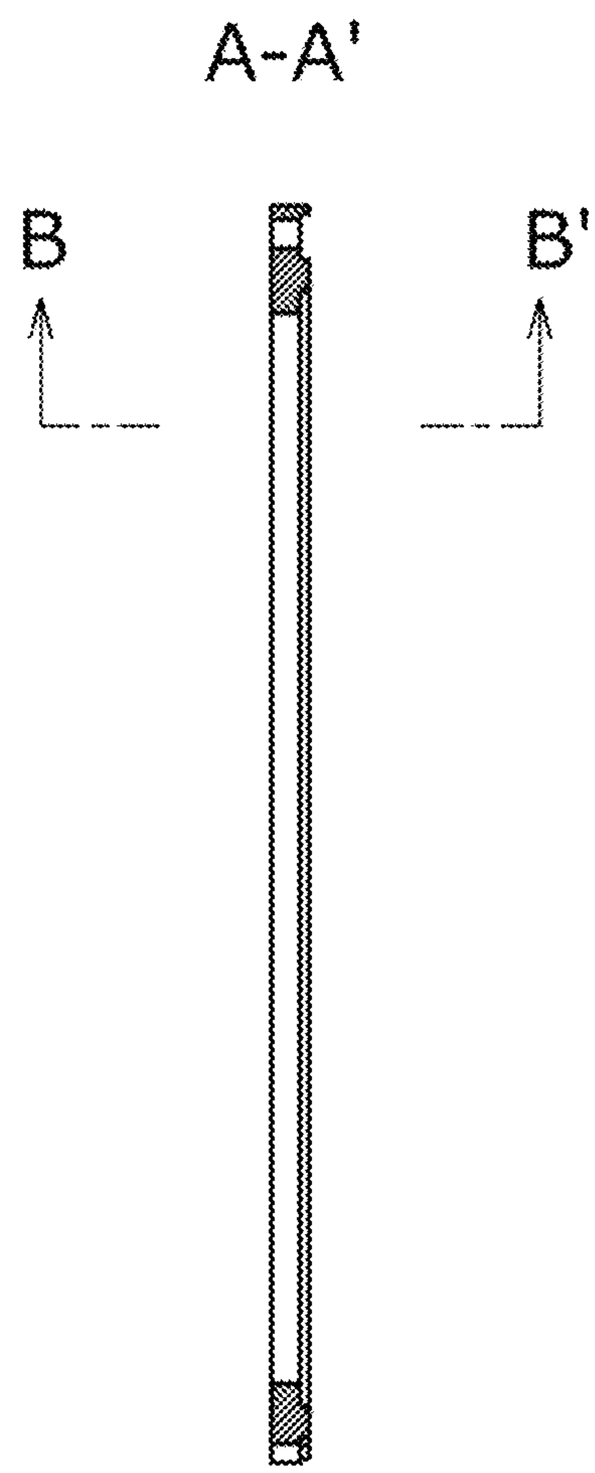
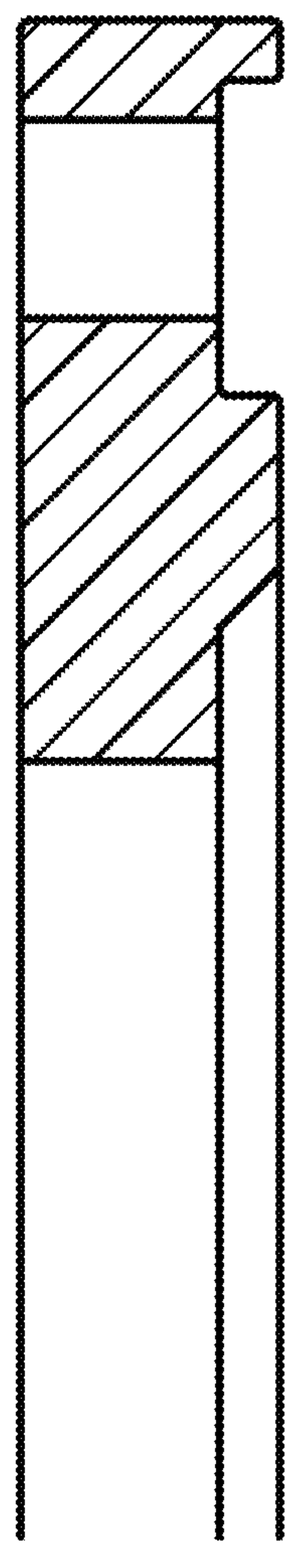
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