



US00D857915S

(12) **United States Design Patent** (10) **Patent No.:** **US D857,915 S**
Sakai et al. (45) **Date of Patent:** **** Aug. 27, 2019**

(54) **CULTURE VESSELS**
(71) Applicant: **IHI CORPORATION**, Tokyo (JP)
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(73) Assignee: **IHI Corporation**, Tokyo (JP)
(**) Term: **15 Years**
(21) Appl. No.: **35/505,071**
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(30) **Foreign Application Priority Data**
Jun. 6, 2017 (JP) 2017-012127
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(51) **LOC (12) Cl.** **24-02**
(52) **U.S. Cl.**
USPC **D24/224**
(58) **Field of Classification Search**
USPC D24/216-230; D9/500, 504, 537, 558;
D7/700

(Continued)
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Primary Examiner — Sheryl Lane
Assistant Examiner — Calvin E Vasant

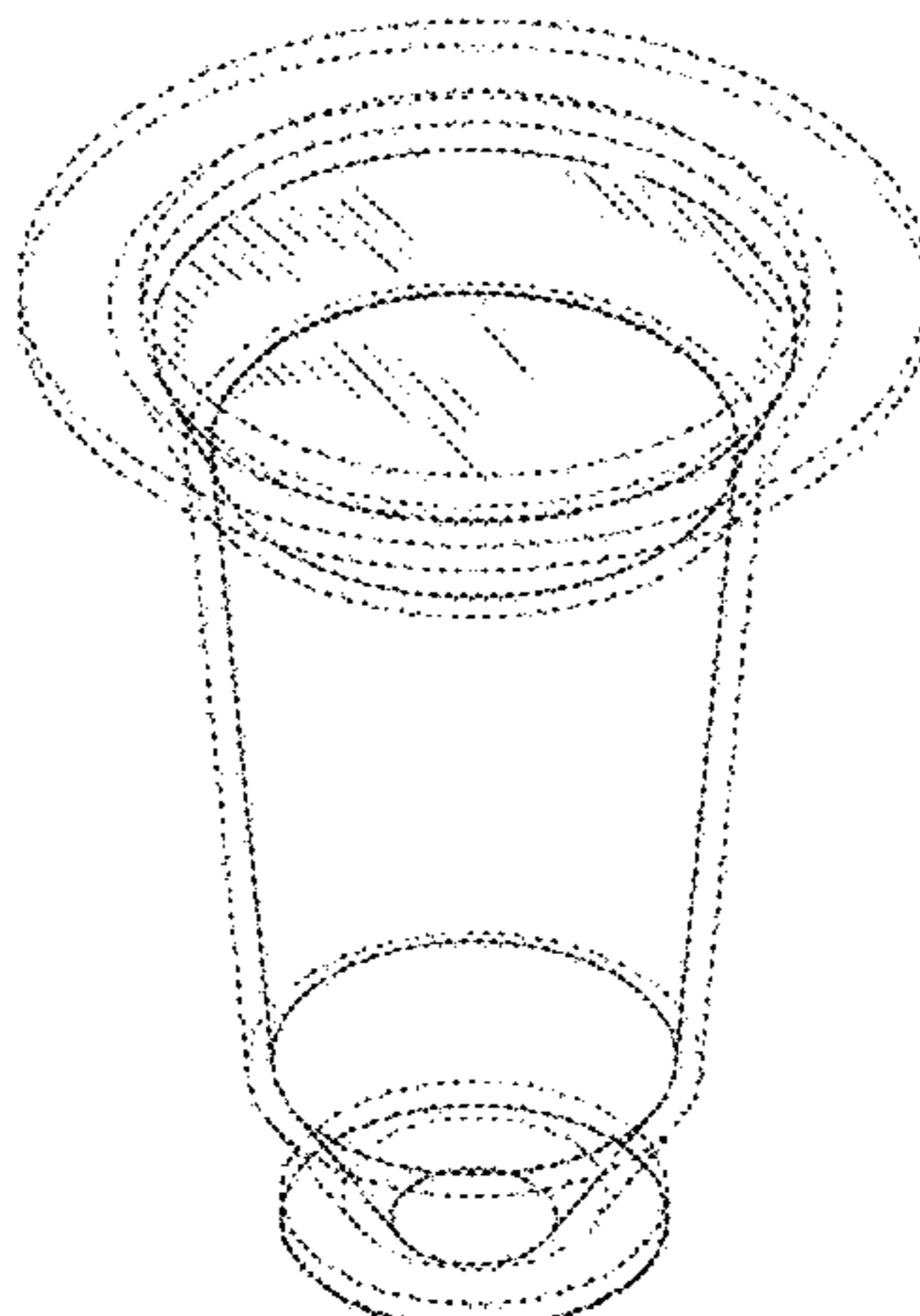
(74) *Attorney, Agent, or Firm* — Volpe and Koenig, P.C.

(57) **CLAIM**
The ornamental design for a culture vessel, as shown and described.

DESCRIPTION
1.-3. Culture vessels
1.1 : Top perspective view
1.2 : Bottom perspective view
1.3 : Front
1.4 : Back
1.5 : Top
1.6 : Bottom
1.7 : Left
1.8 : Right
1.9 : Sectional view
1.10 : Reference view
2.1 : Top perspective view
2.2 : Bottom perspective view
2.3 : Front
2.4 : Back
2.5 : Top
2.6 : Bottom
2.7 : Left
2.8 : Right
2.9 : Sectional view
2.10 : Reference view
3.1 : Top perspective view
3.2 : Bottom perspective view
3.3 : Front
3.4 : Back
3.5 : Top
3.6 : Bottom
3.7 : Left
3.8 : Right
3.9 : Sectional view
3.10 : Reference view

Designs 1, 2 and 3: these articles are culture vessels used in culture apparatus for culturing cells such as those of animals and plants; the parts shown as solid lines are parts for which design registration is sought; the broken lines depict environmental subject matter only, and form no part of the

(Continued)



claimed designs; lines consisting of alternating long and short dashes in the drawings are used to distinguish the inventive design claimed herein from unclaimed parts; these articles are transparent; the surfaces of these articles are transparent surfaces through which objects on the other side of such transparent surfaces are distinctly seen; the diagonal surface shading lines indicate that the surfaces of the claimed designs are transparent; the inside surfaces shown as solid lines may be seen through the outside surfaces that form no part of the claimed design because the outside surfaces are transparent; design 1: reproduction 1.9 is a cross-sectional view through the center of reproduction 1.3; reproduction 1.10 is a reference sectional view showing state in use; Design 2: reproduction 2.9 is a cross-sectional view through the center of reproduction 2.3; reproduction 2.10 is a reference sectional view showing state in use; design 3: reproduction 3.9 is a cross-sectional view through the center of reproduction 3.3; reproduction 3.10 is a reference sectional view showing state in use.

1 Claim, 30 Drawing Sheets

(58) **Field of Classification Search**

CPC C12M 23/04; C12M 23/06; C12M 23/08;

G01N 21/03; G01N 2021/0303; G01N 2021/0321; G01N 2021/0339; G01N 2021/0378; B01L 3/508

See application file for complete search history.

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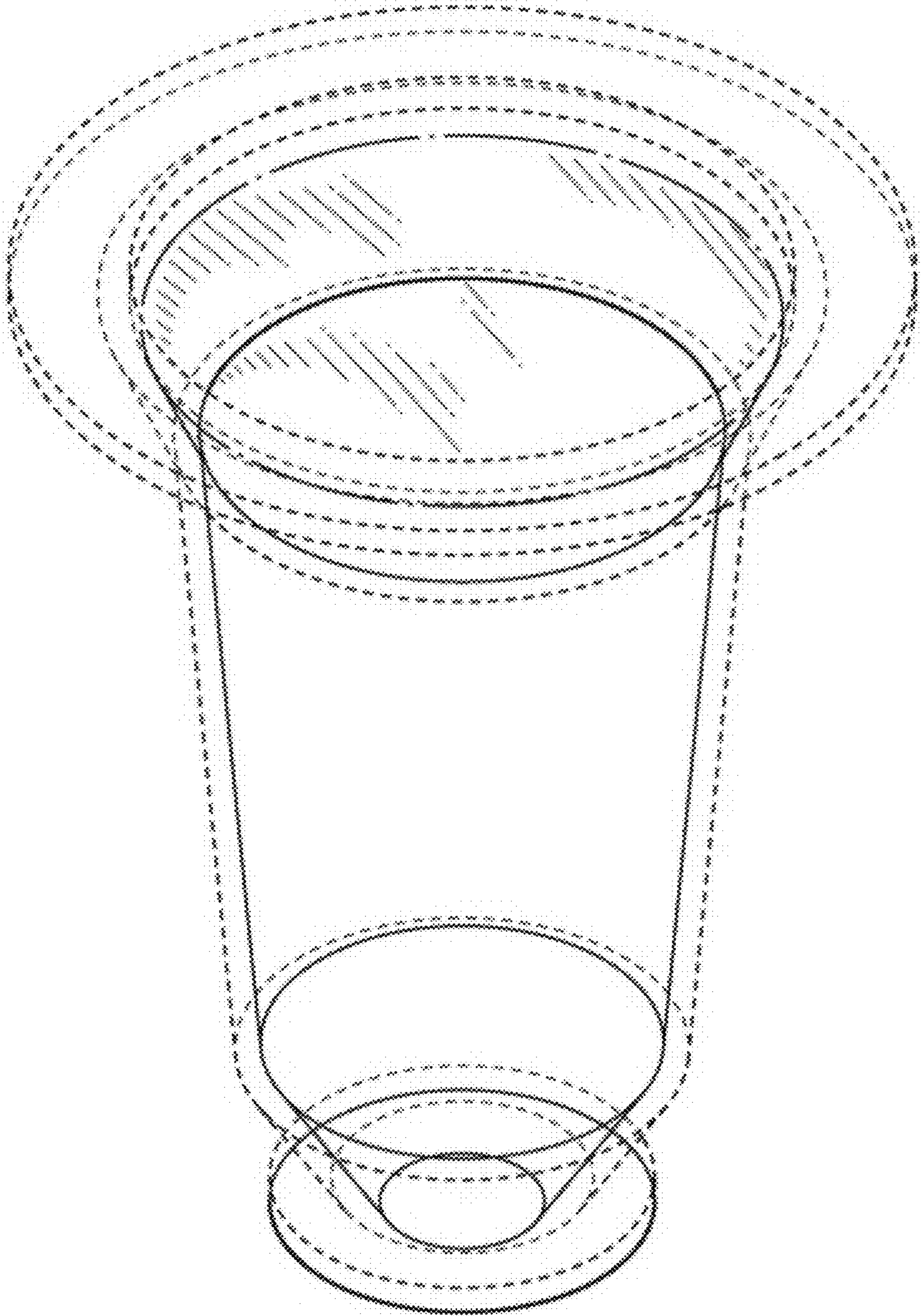
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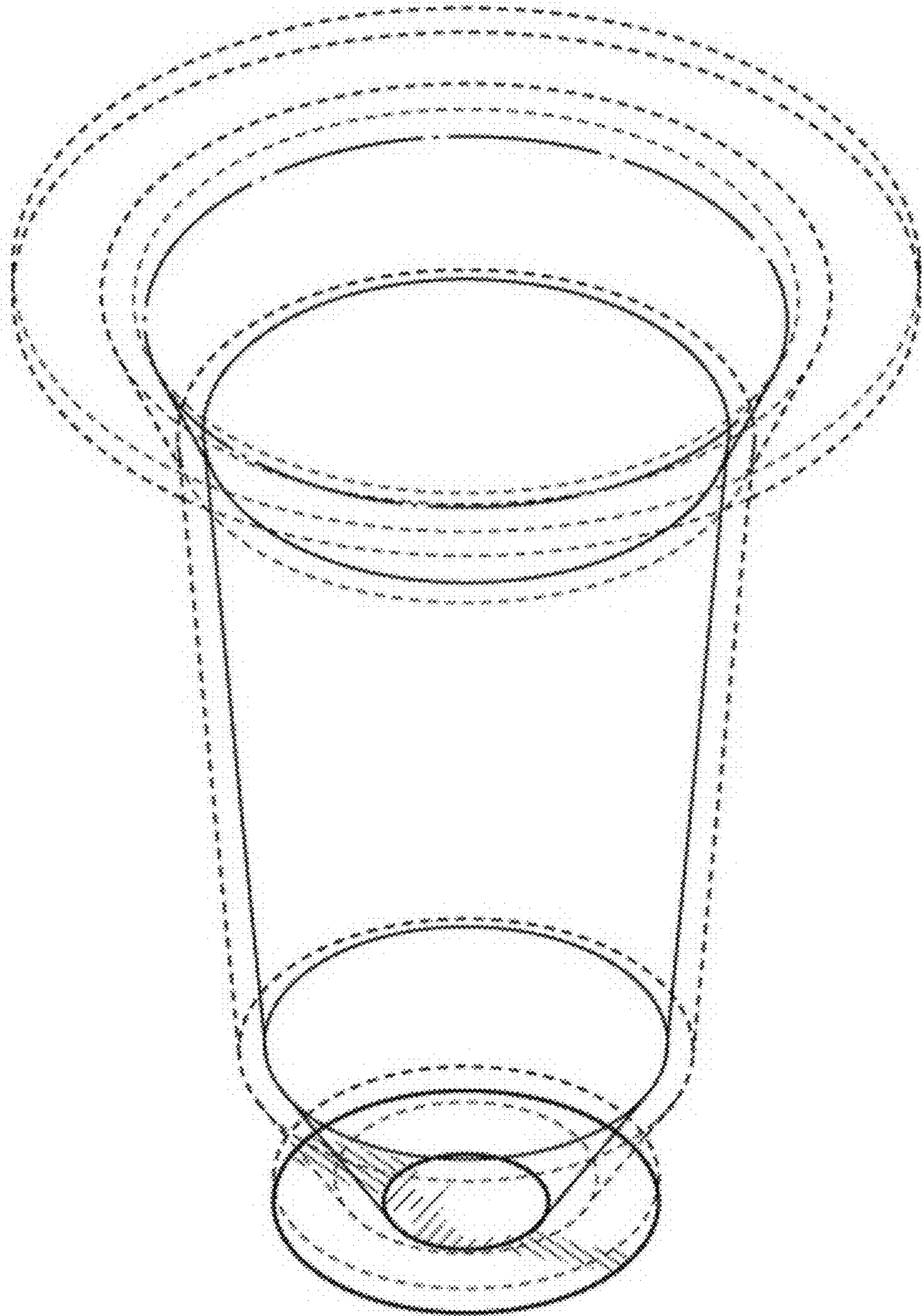
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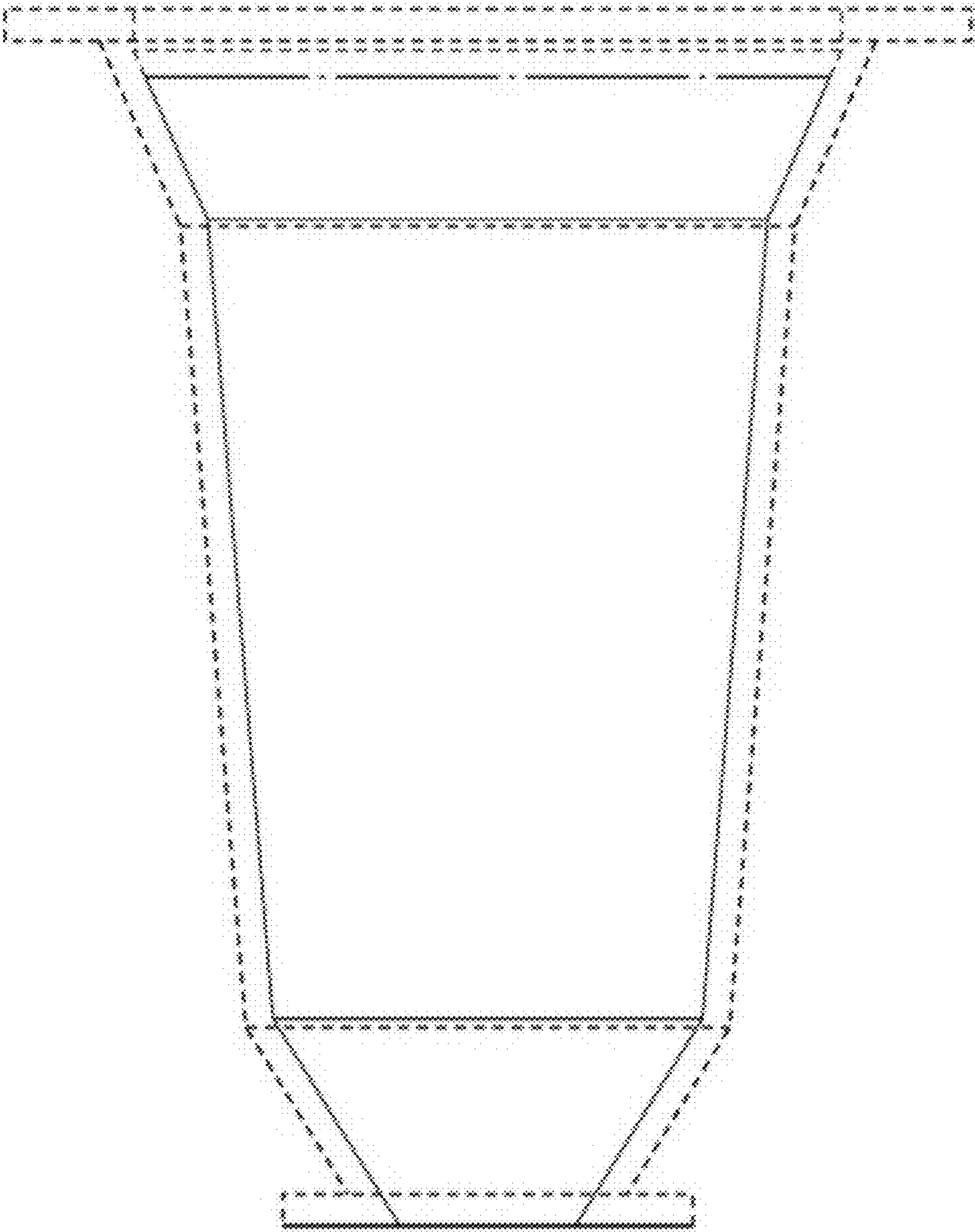
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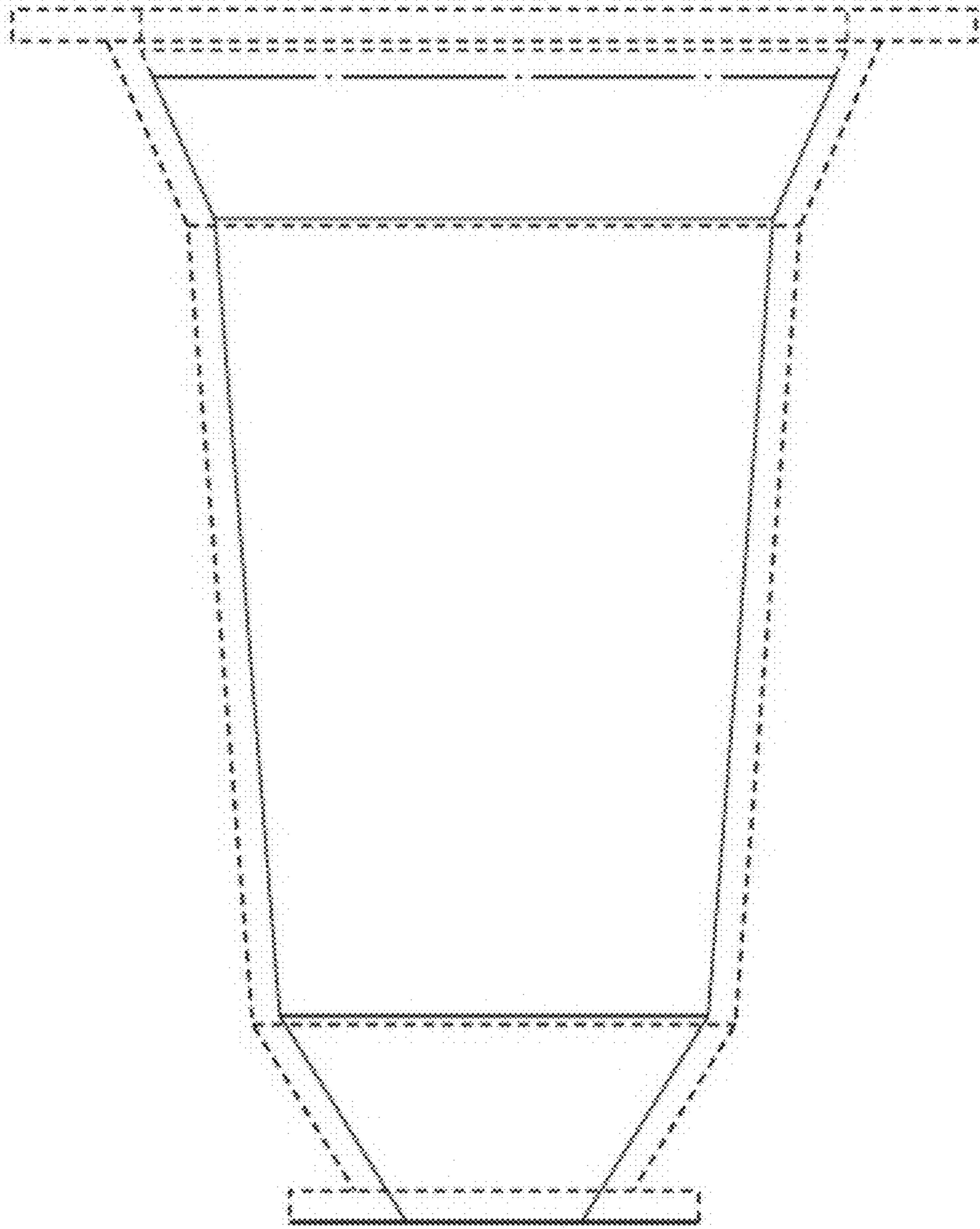
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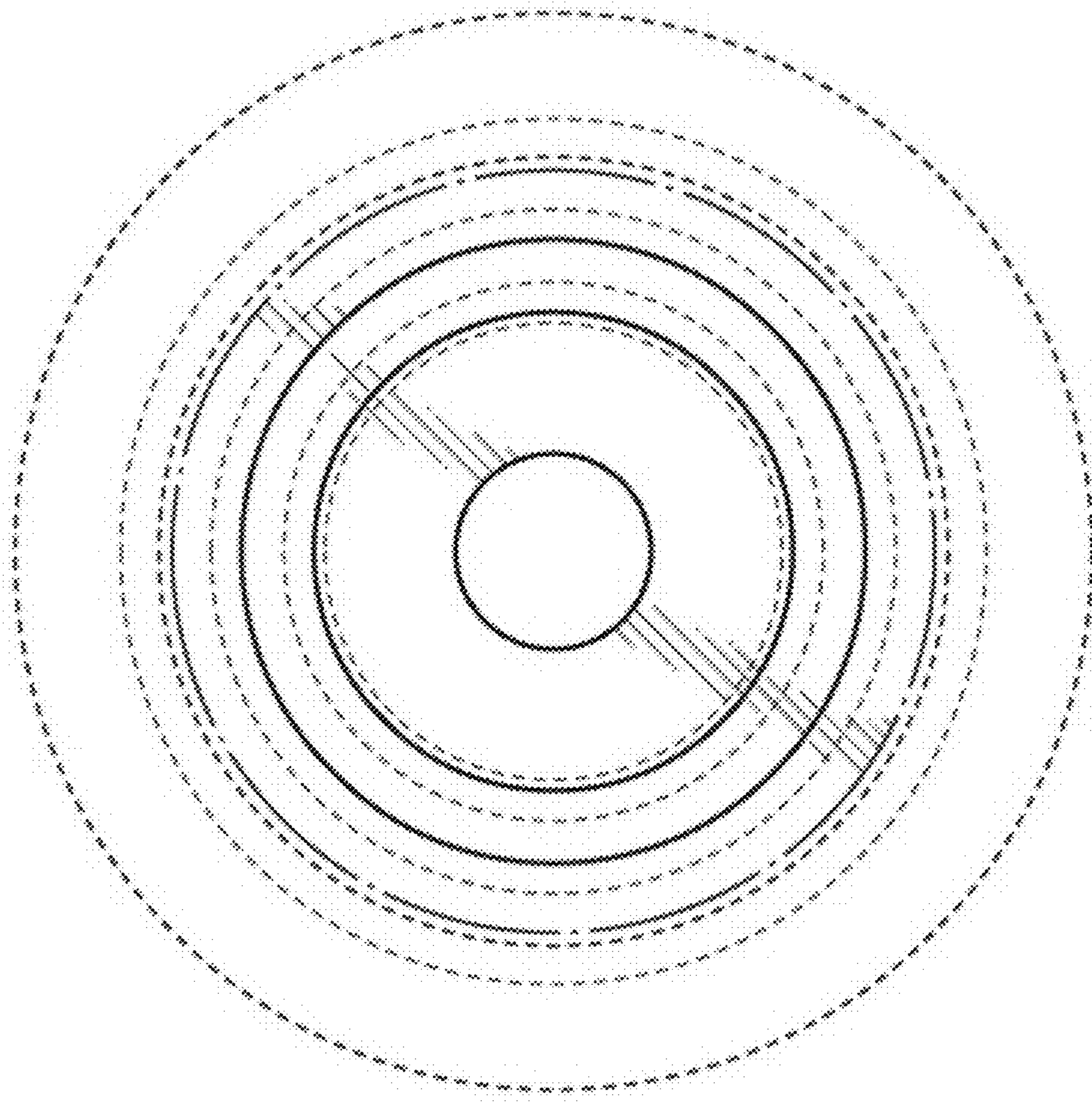
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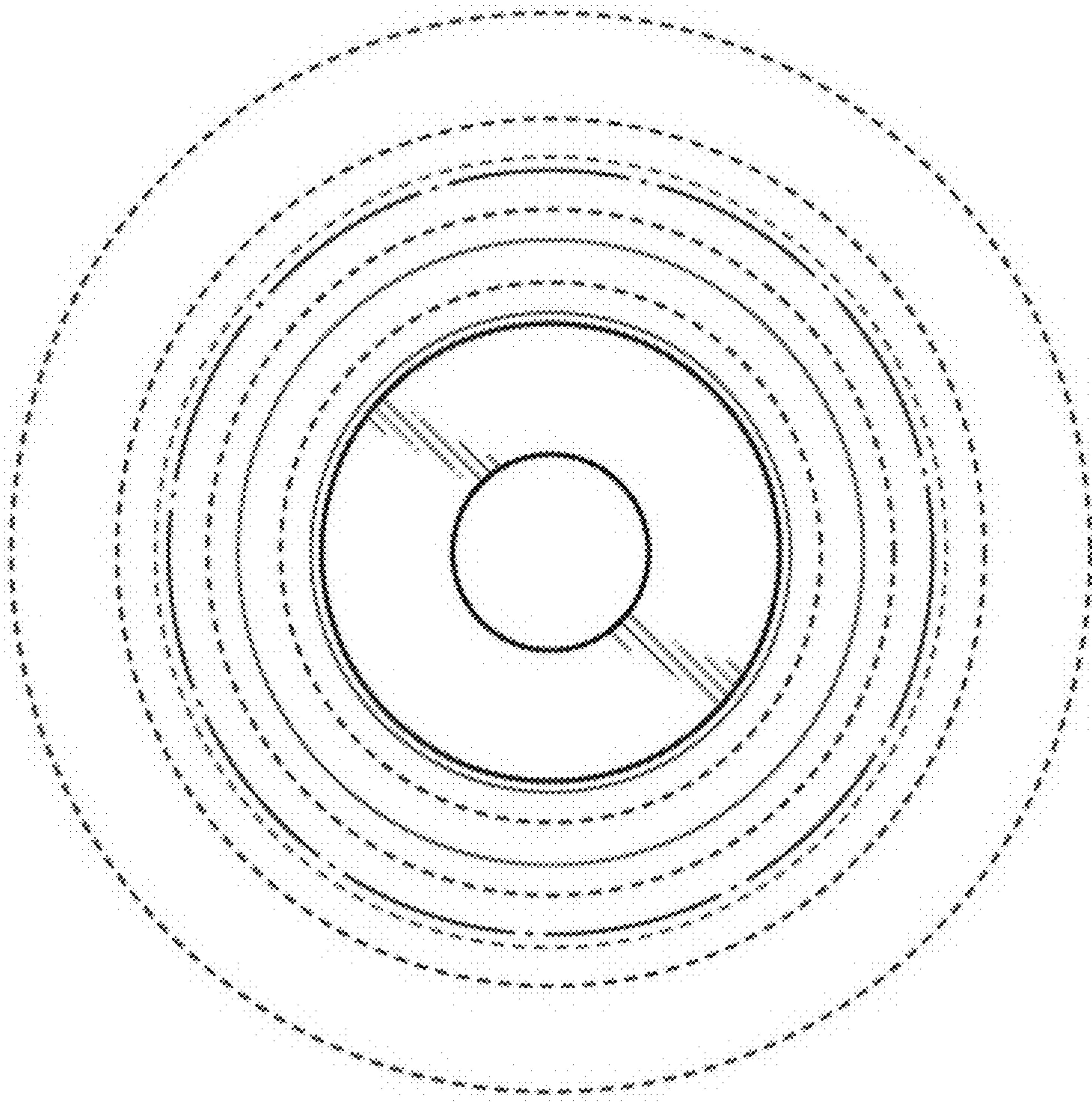
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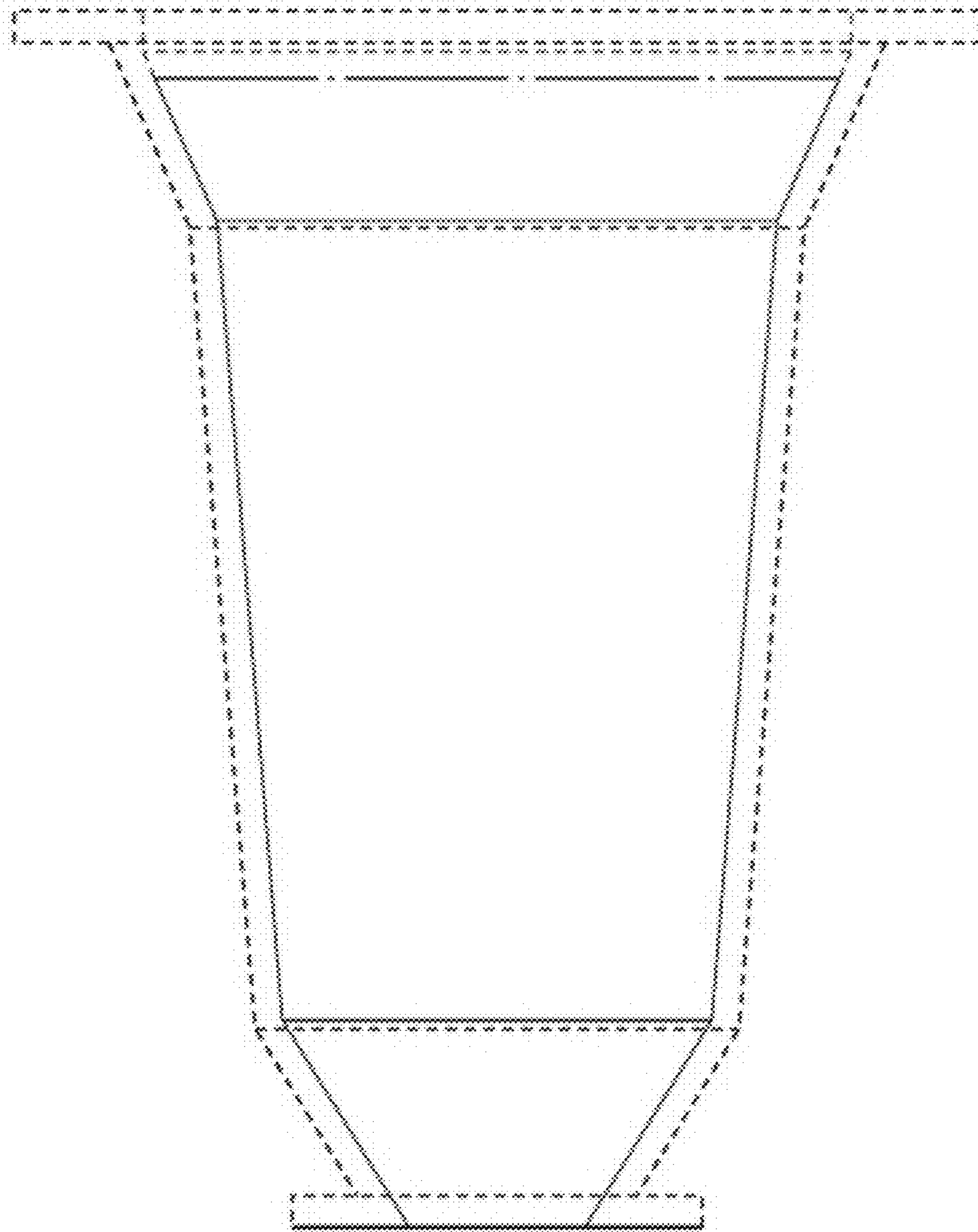
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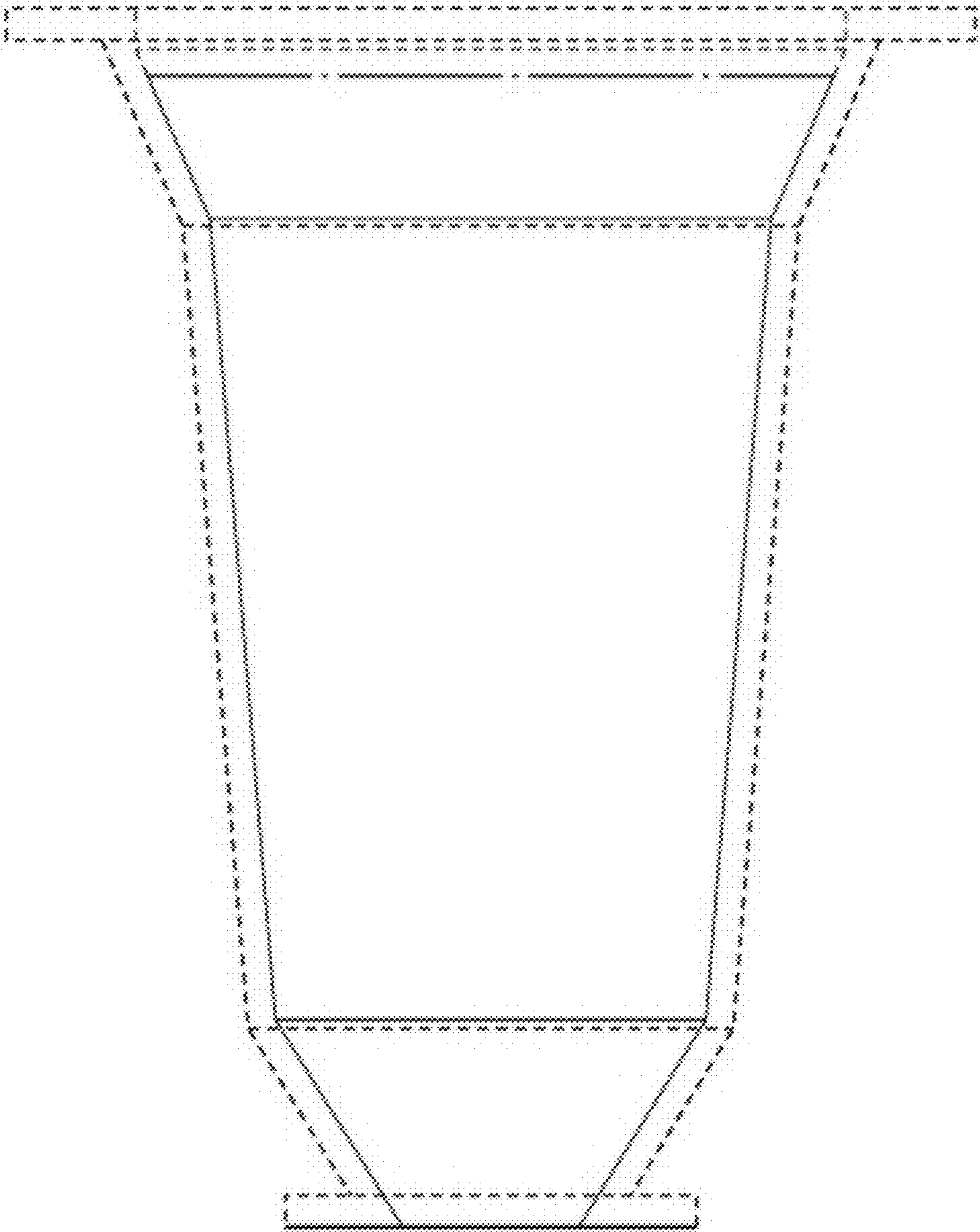
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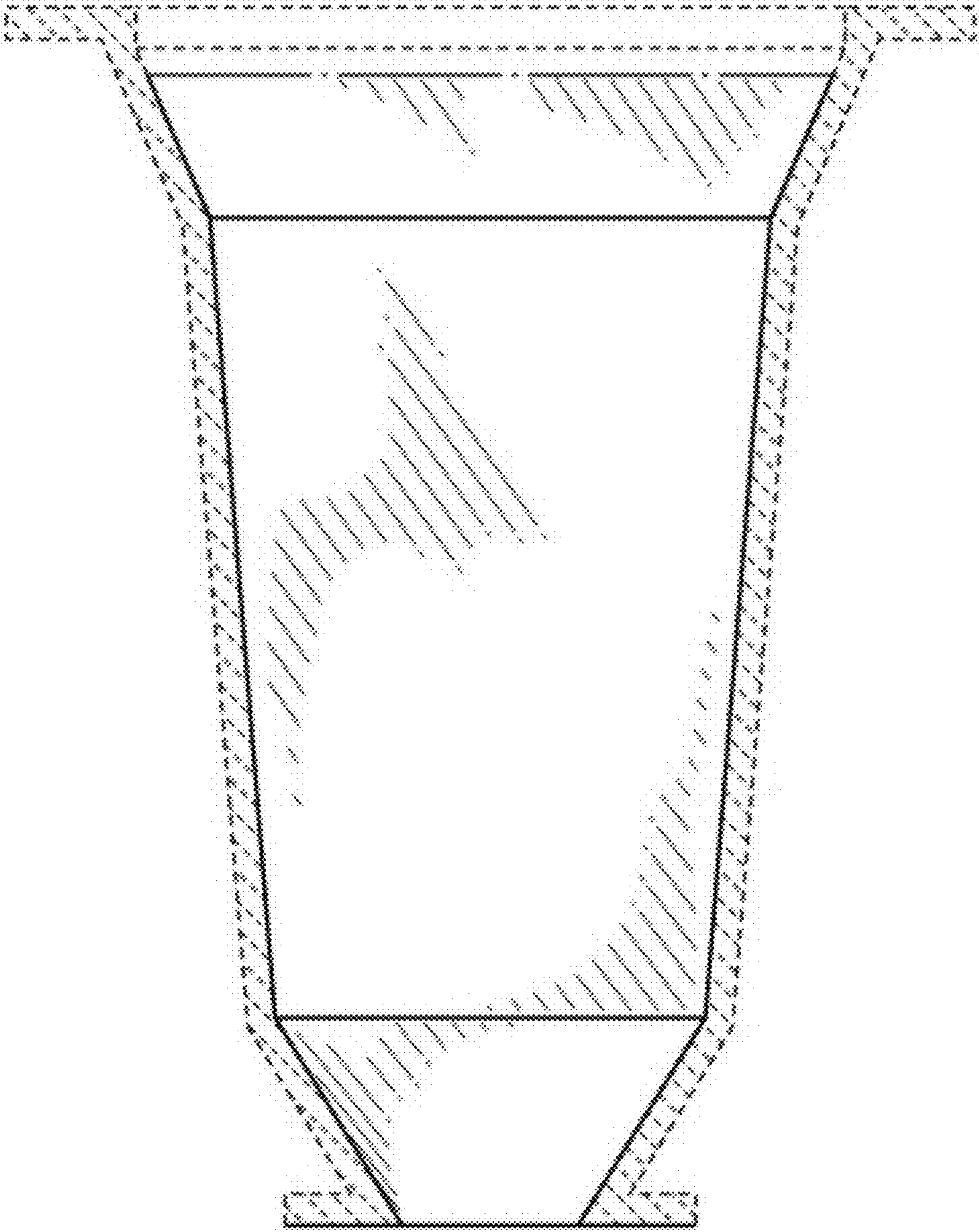
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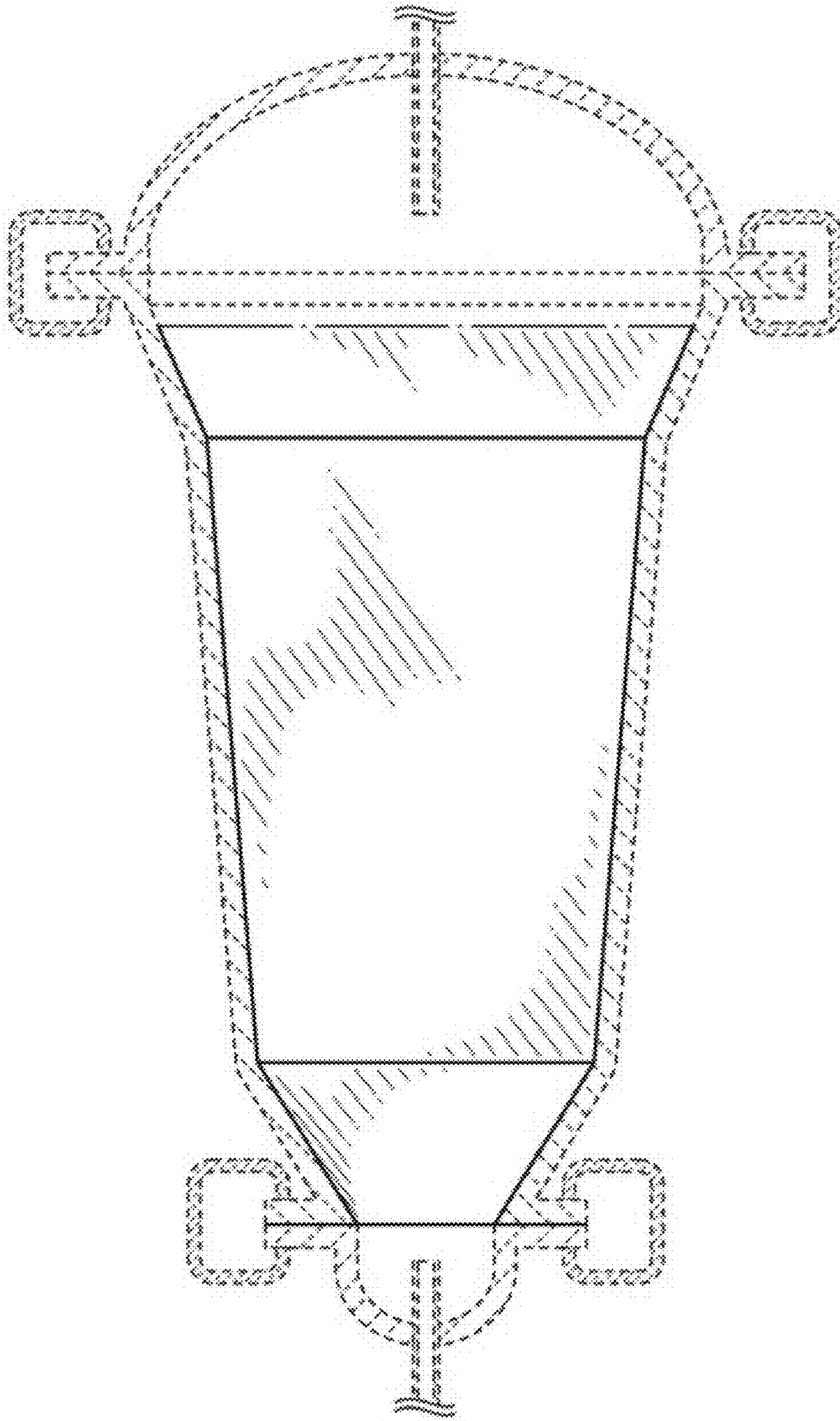
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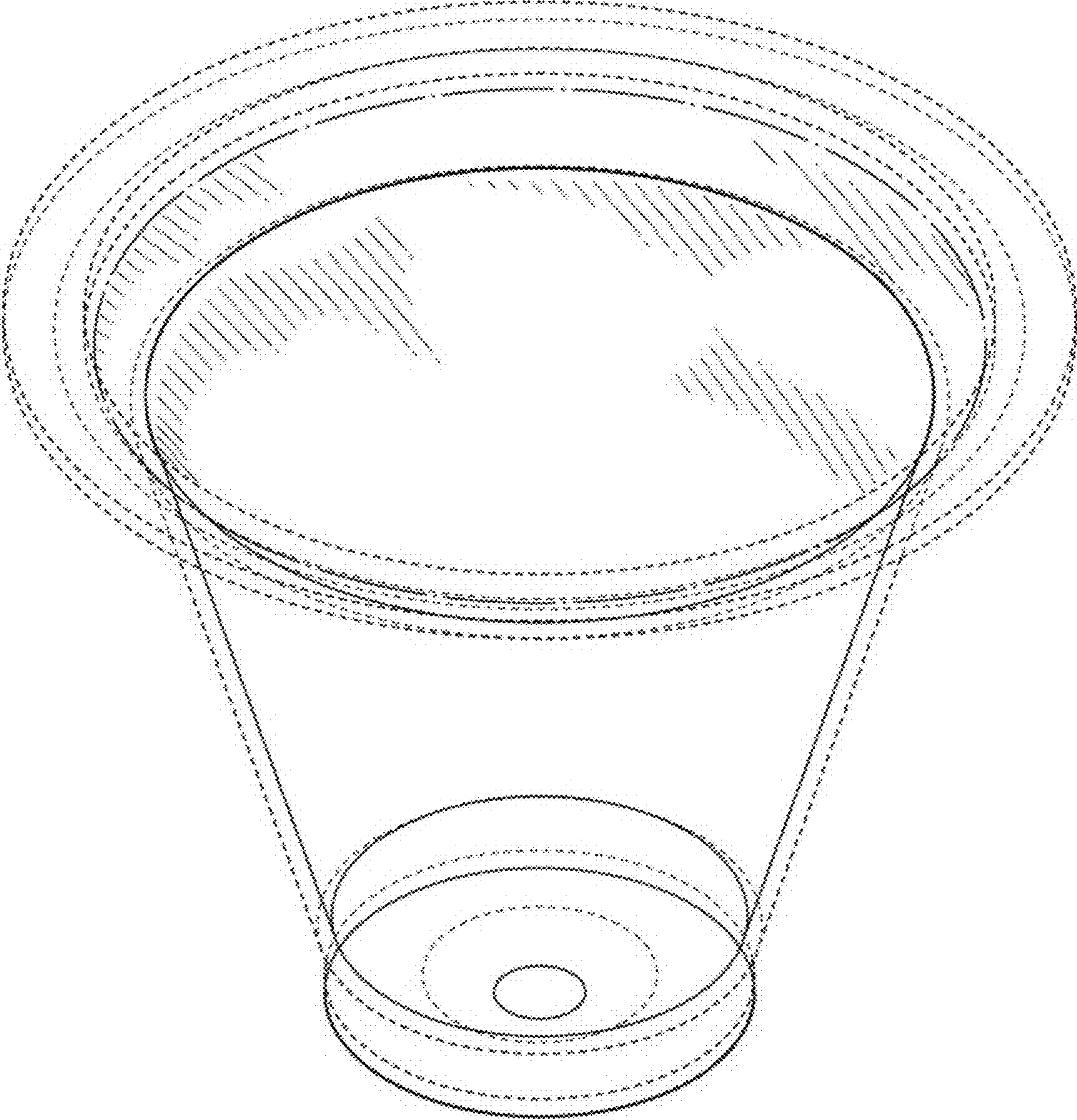
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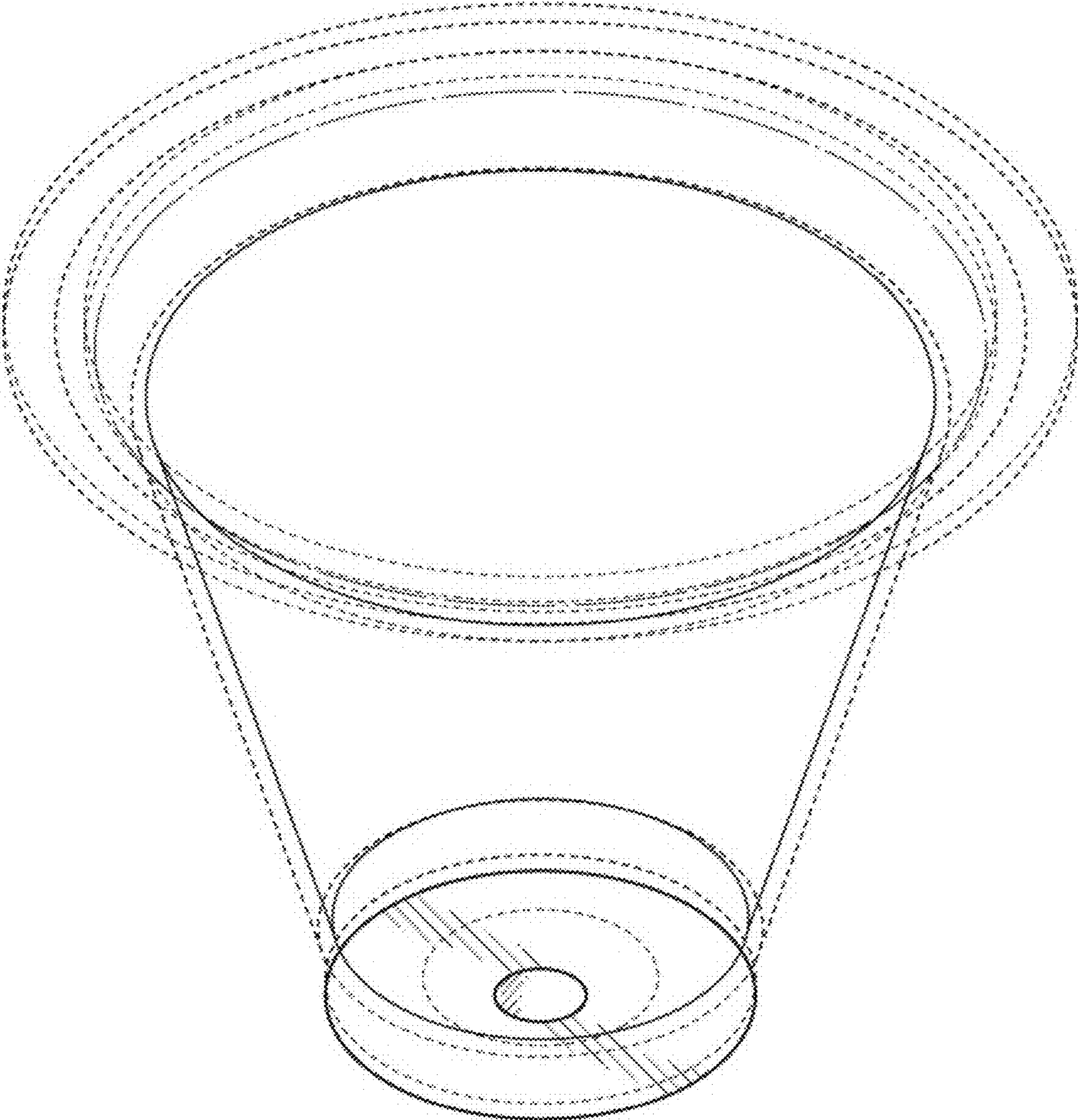
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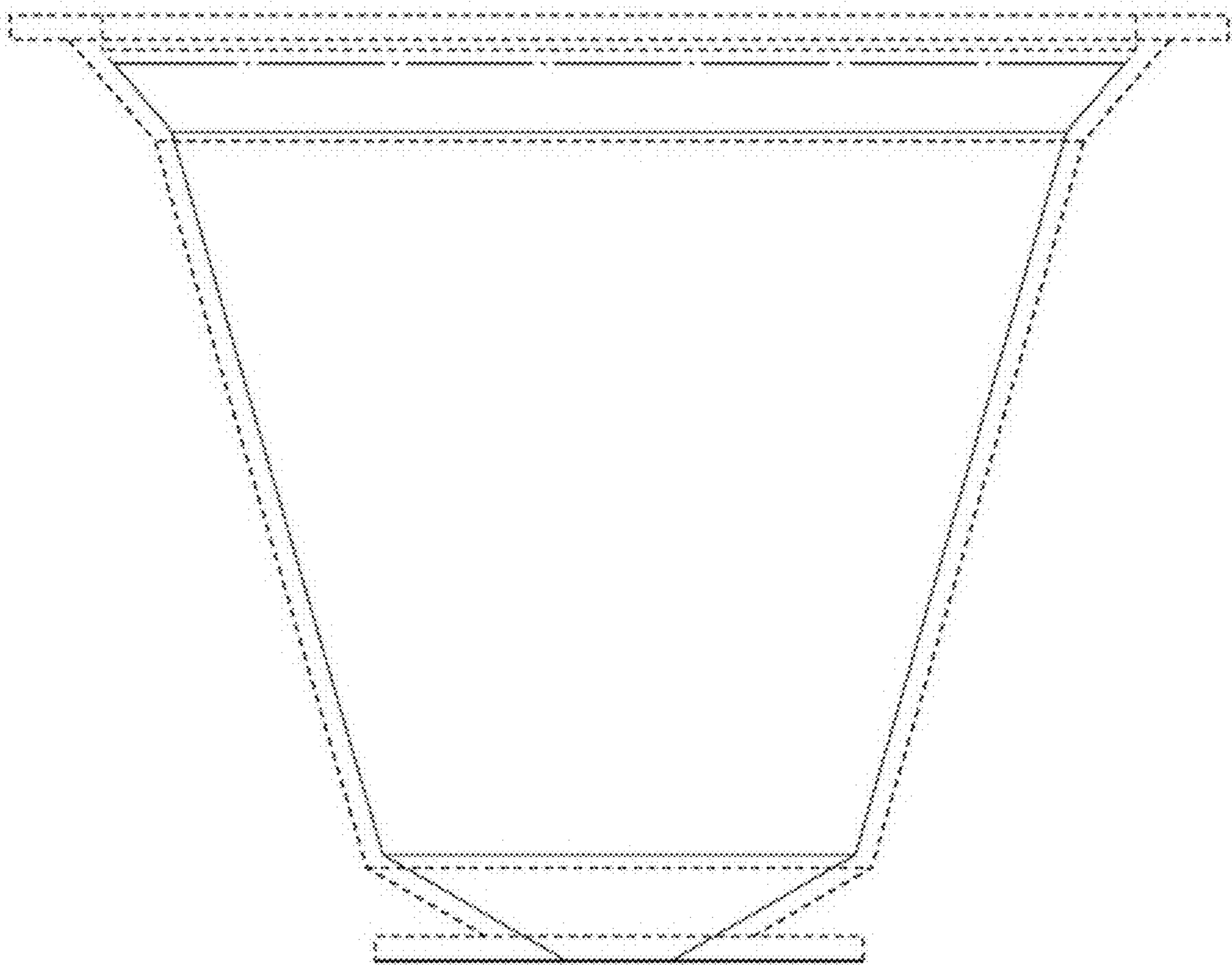
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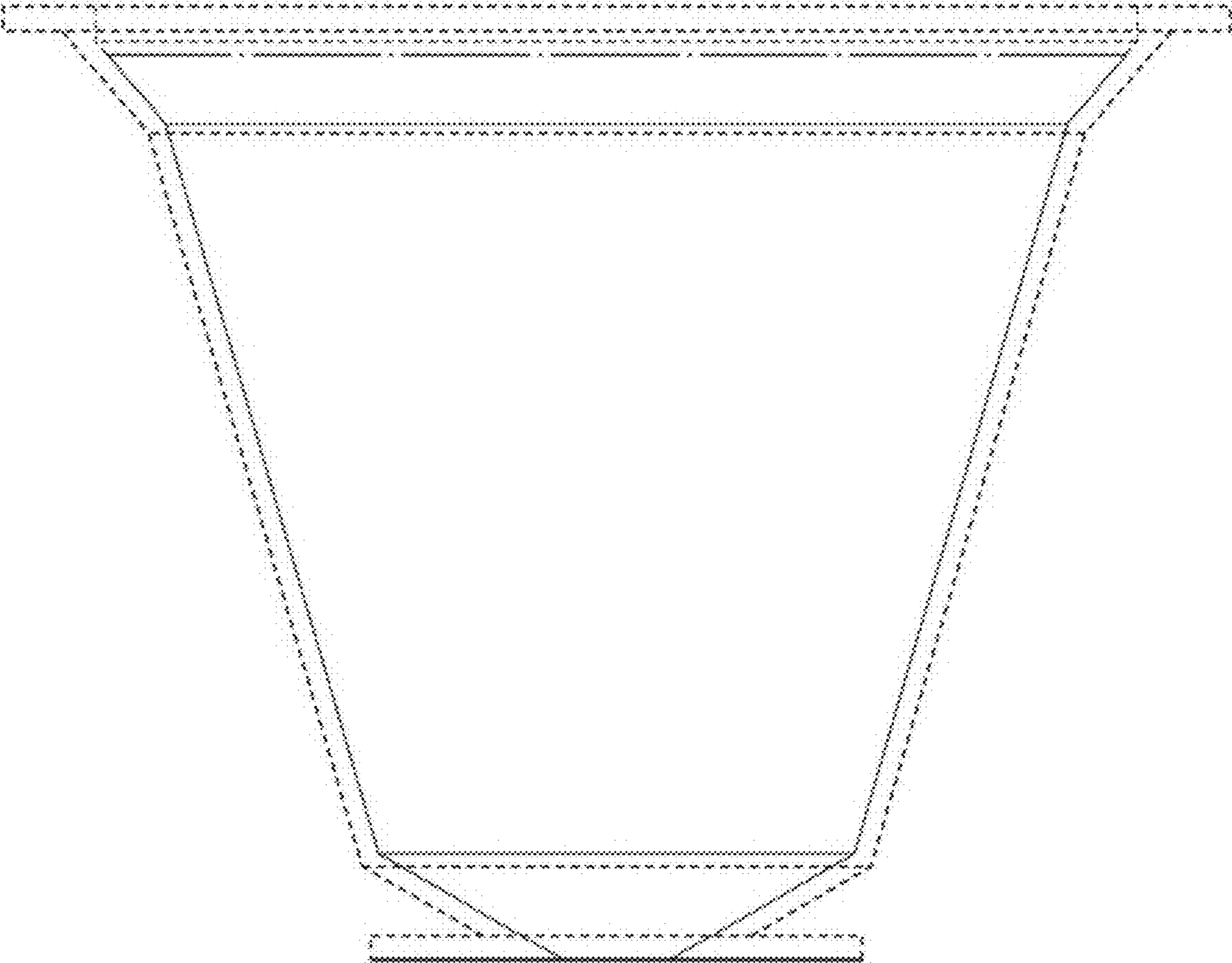
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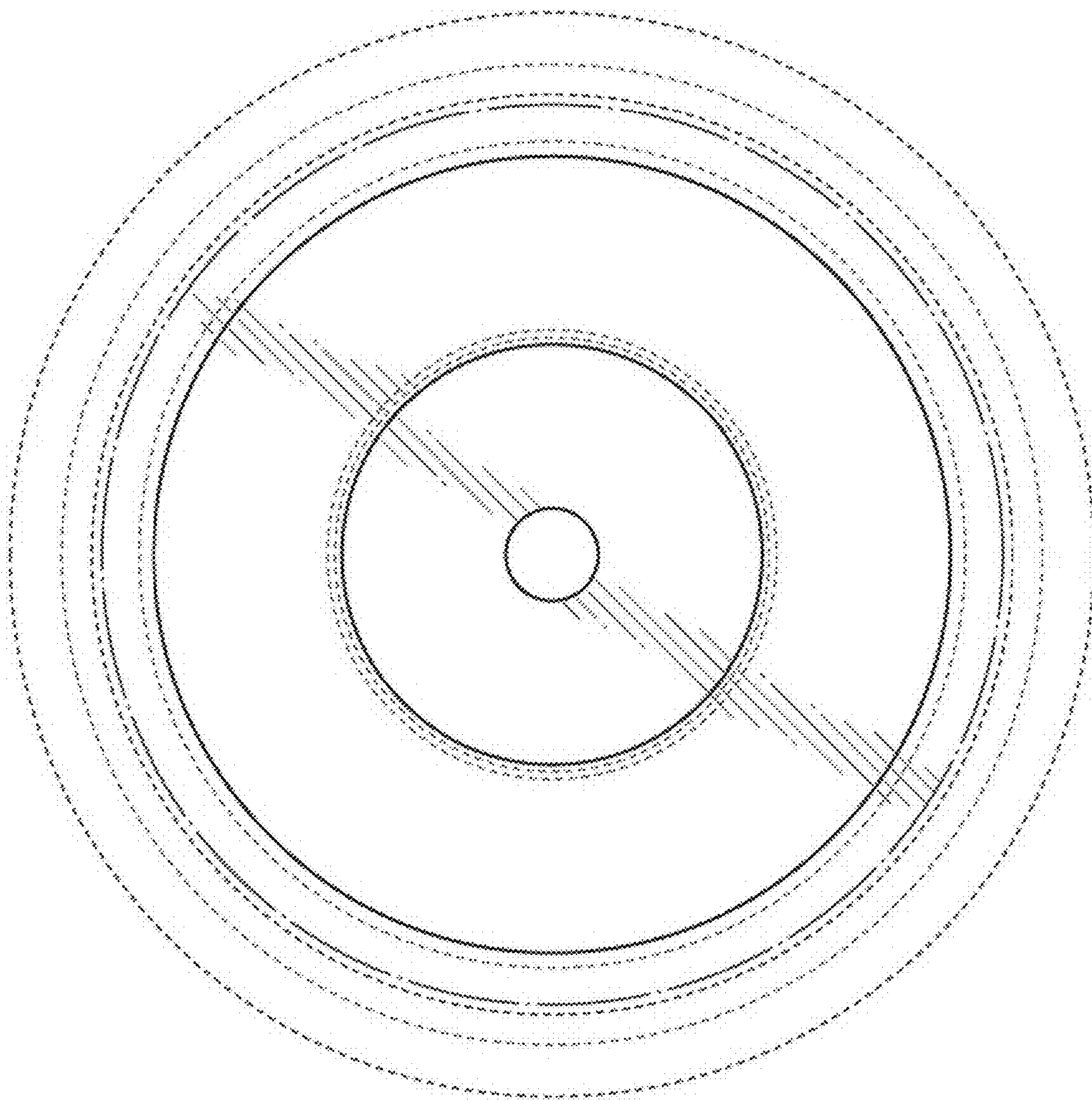
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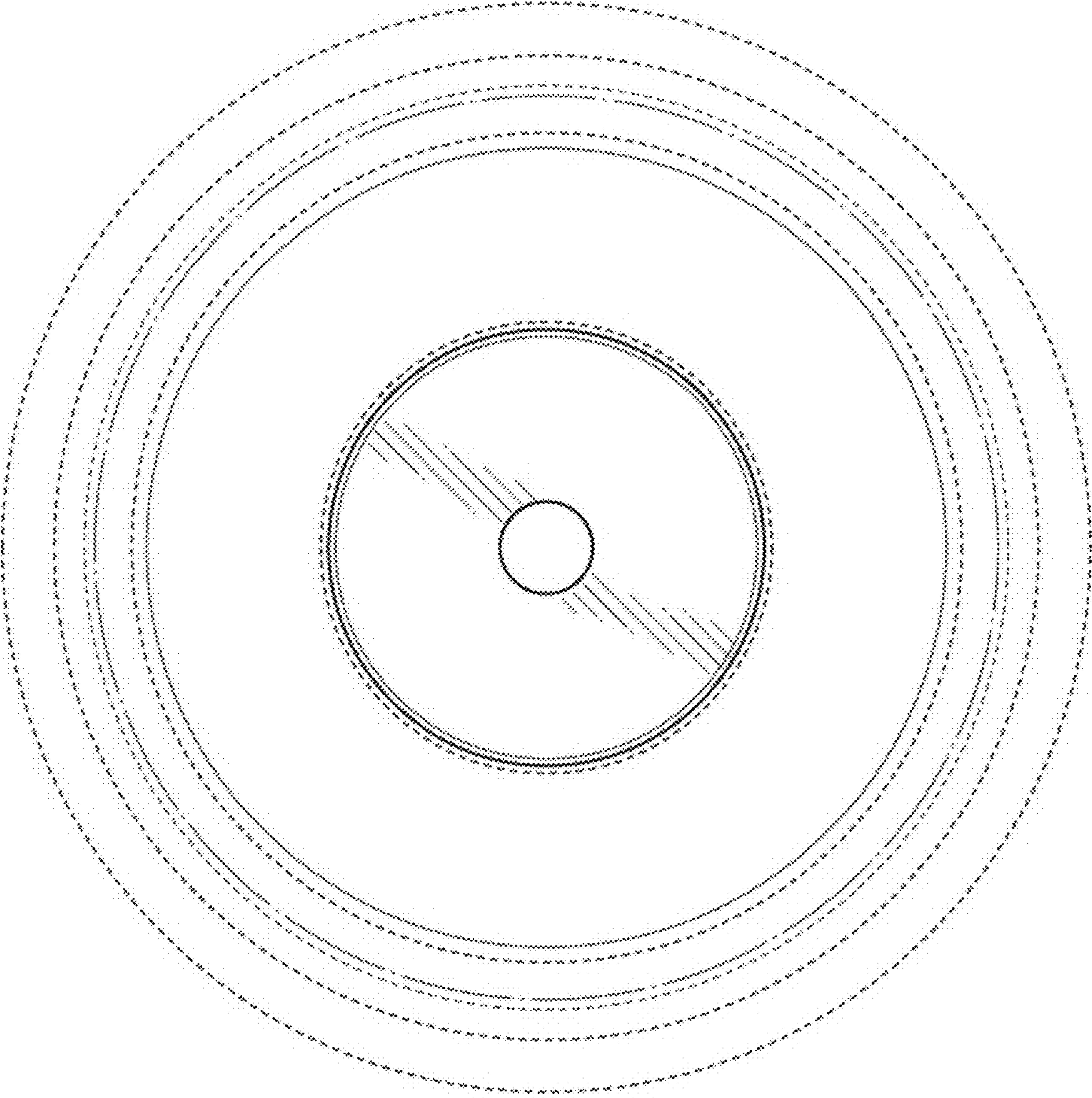
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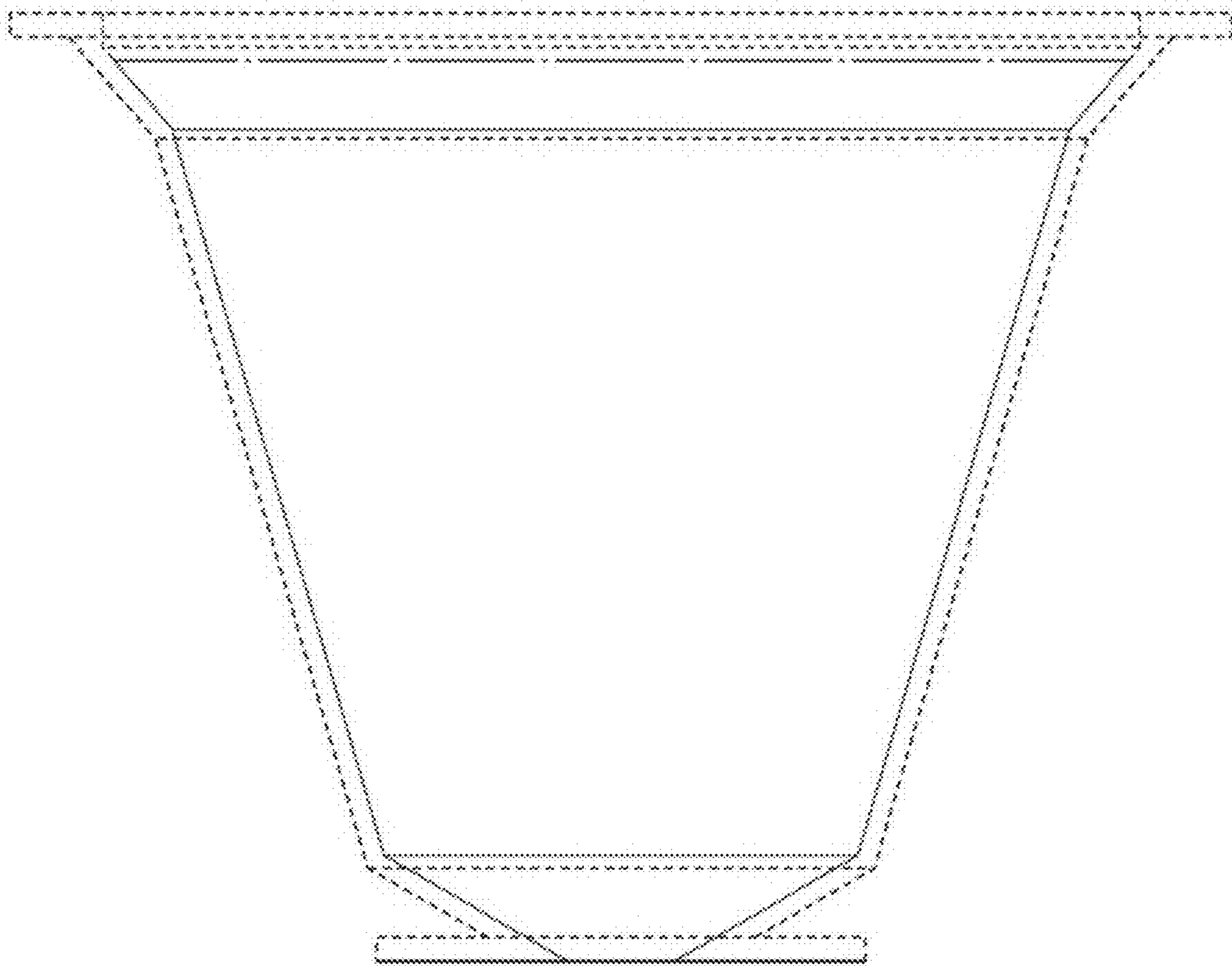
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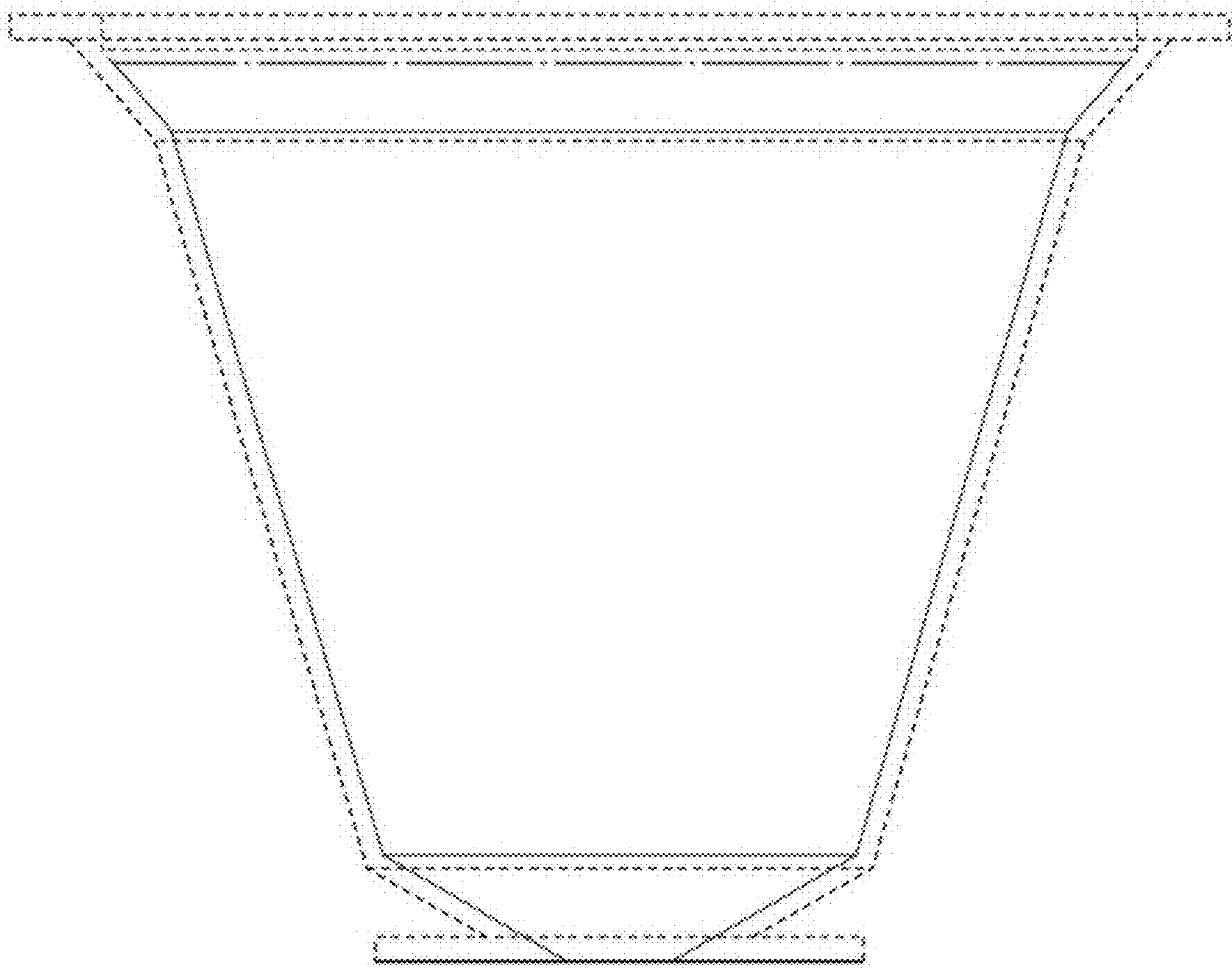
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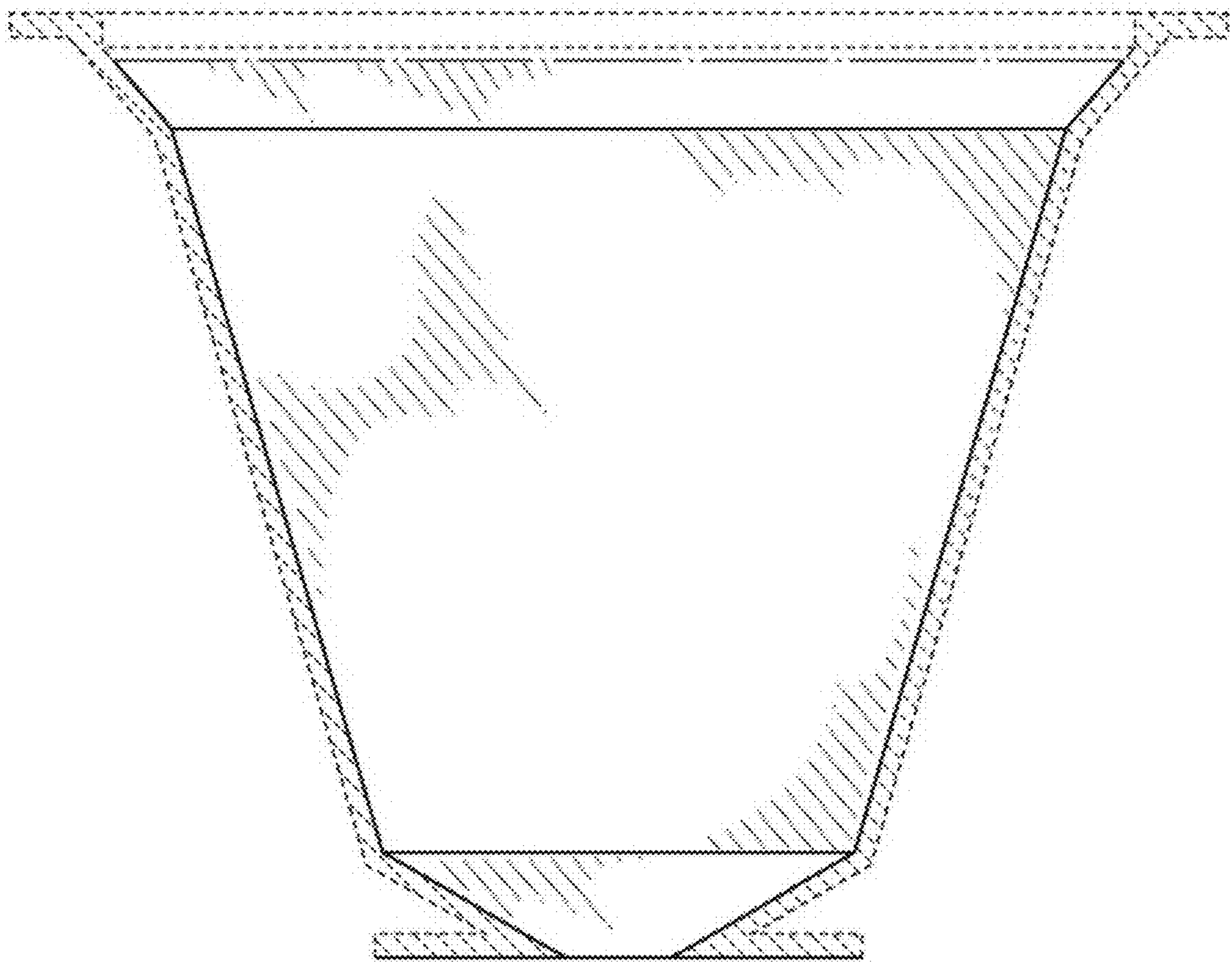
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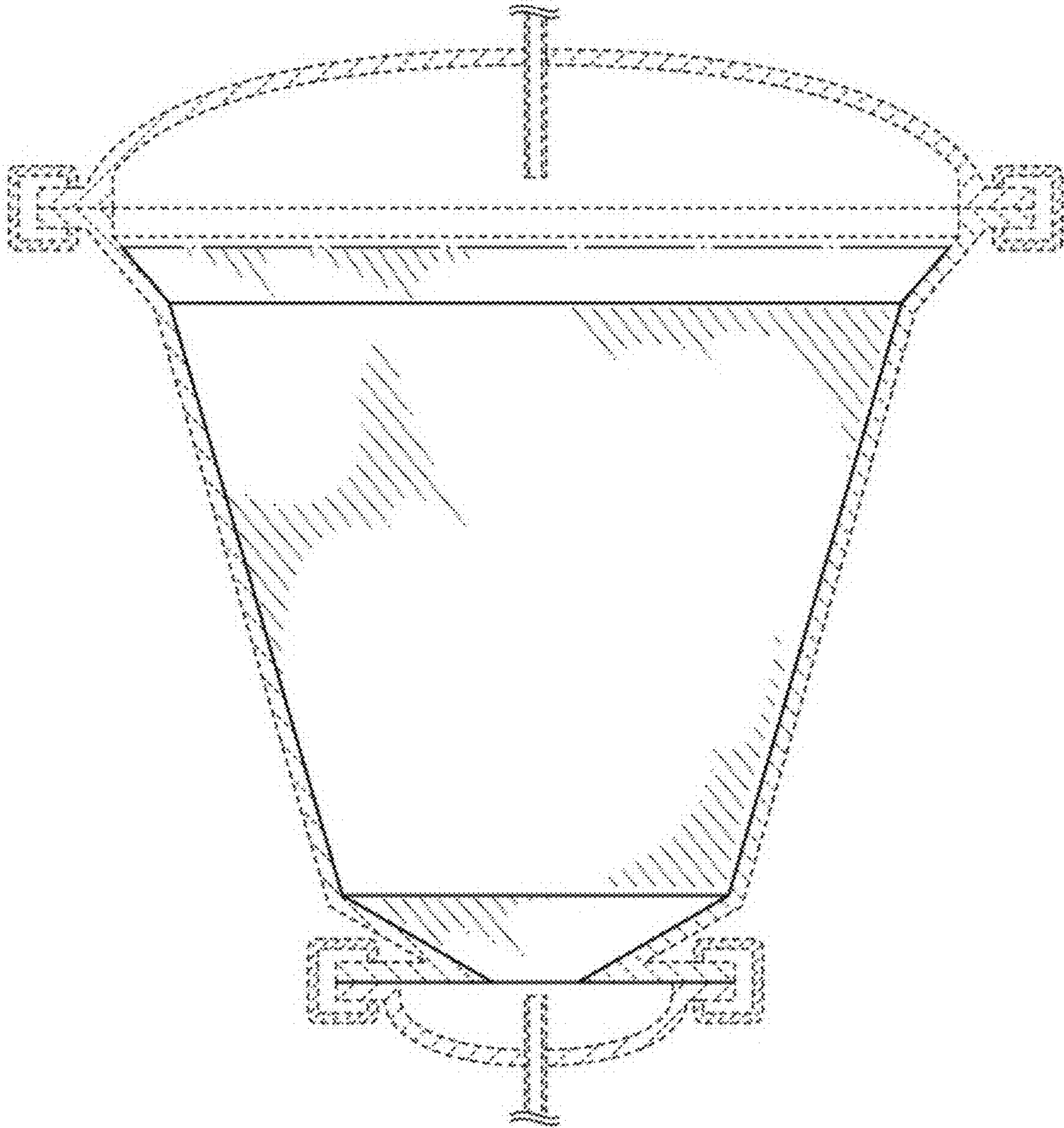
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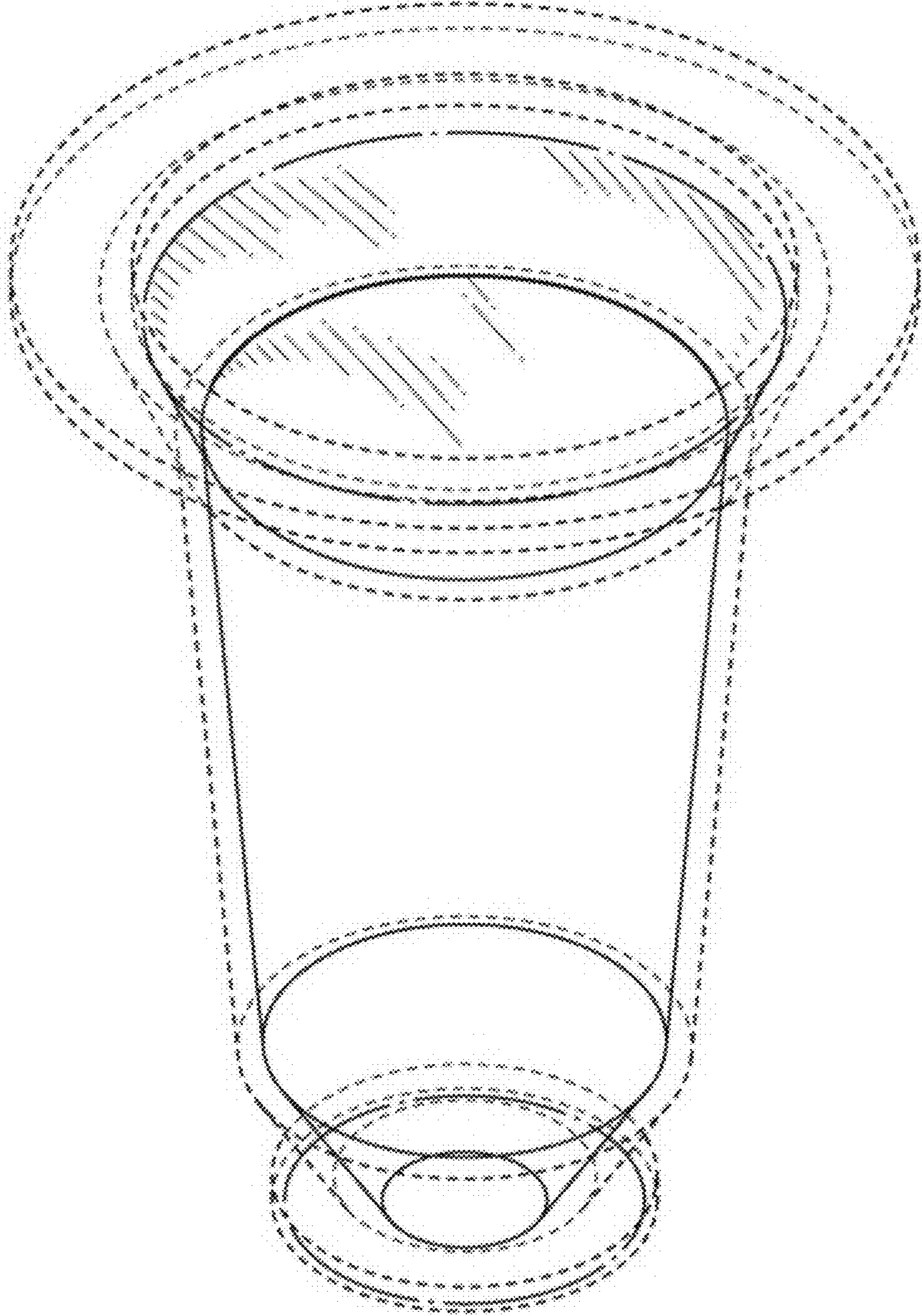
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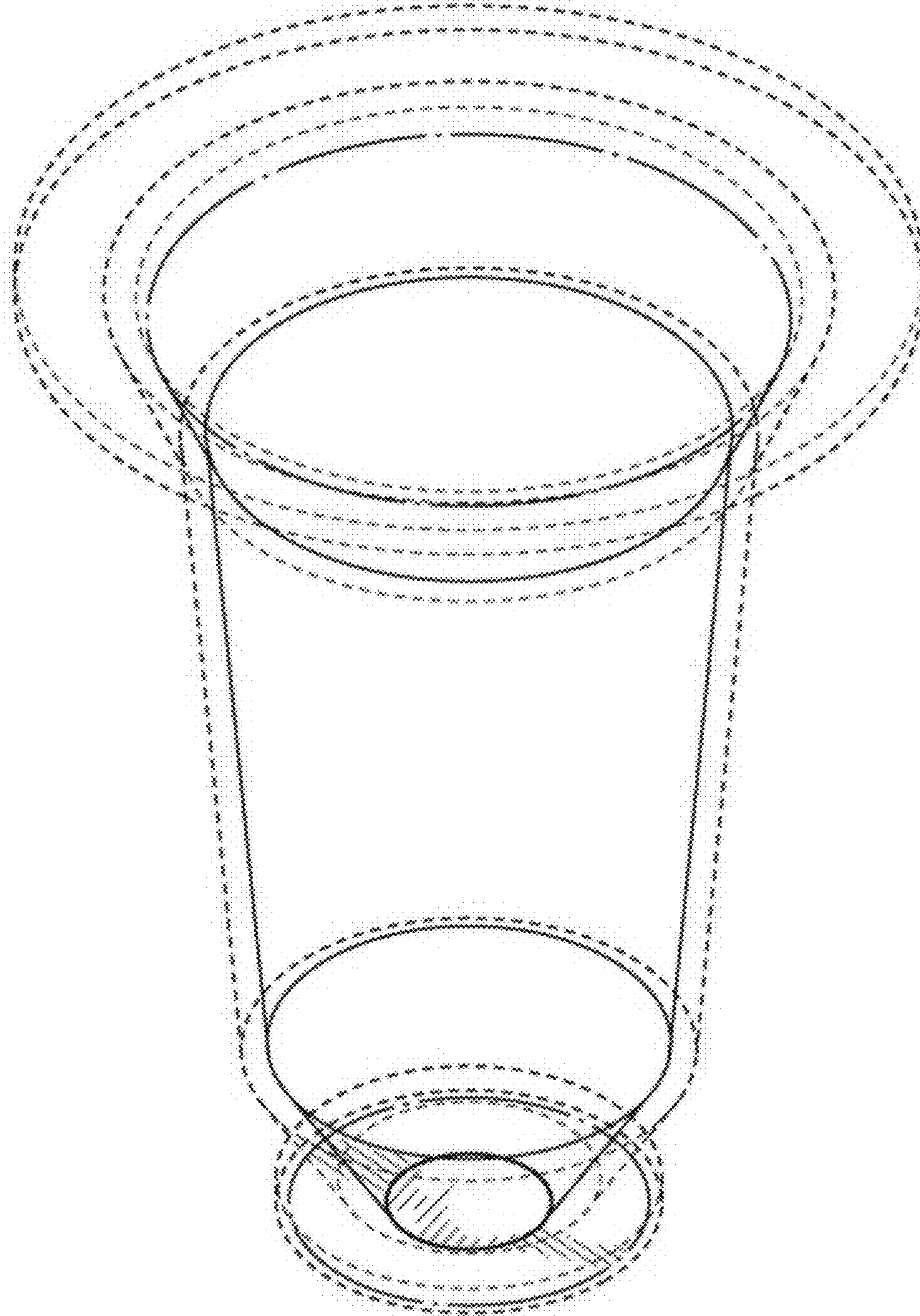
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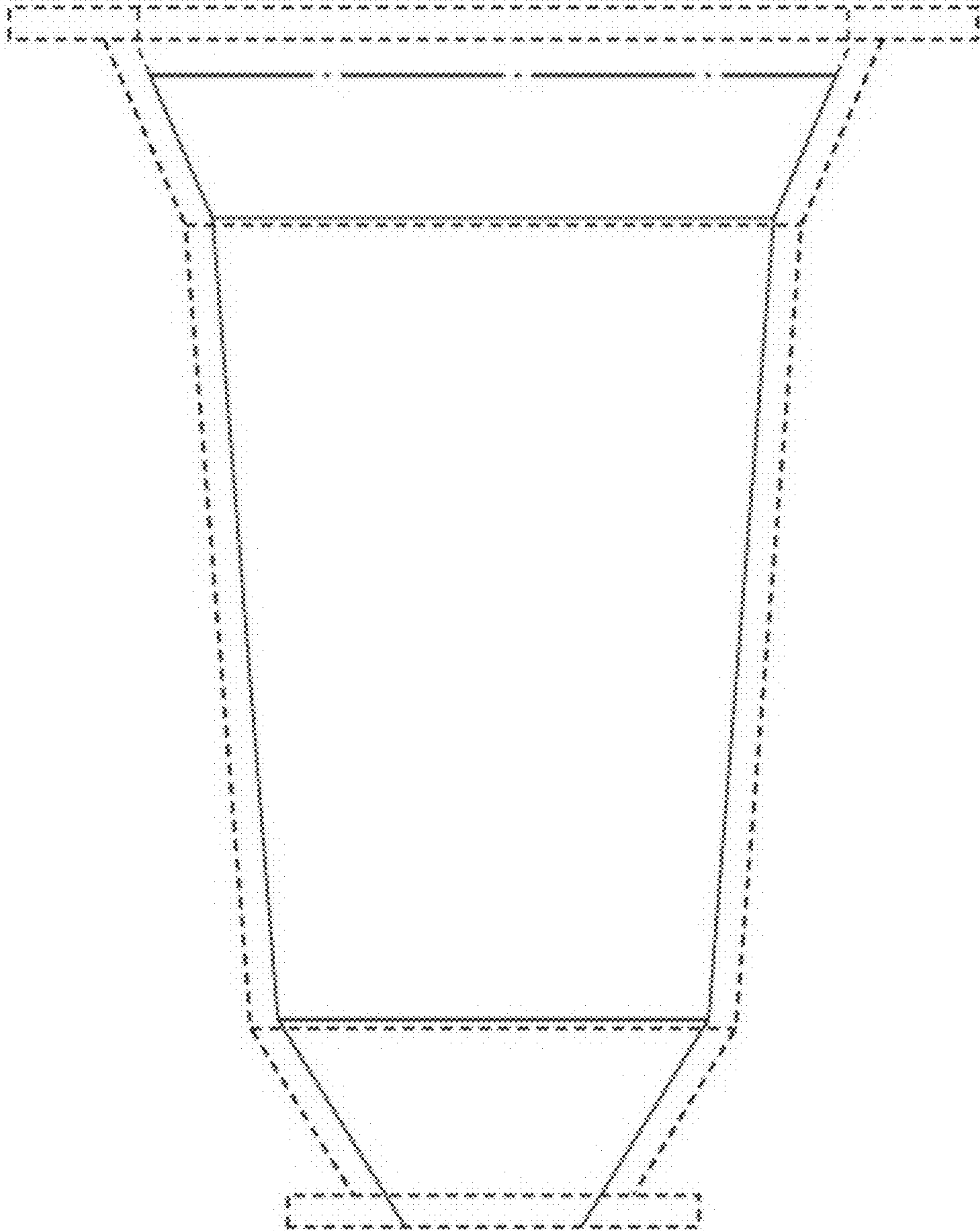
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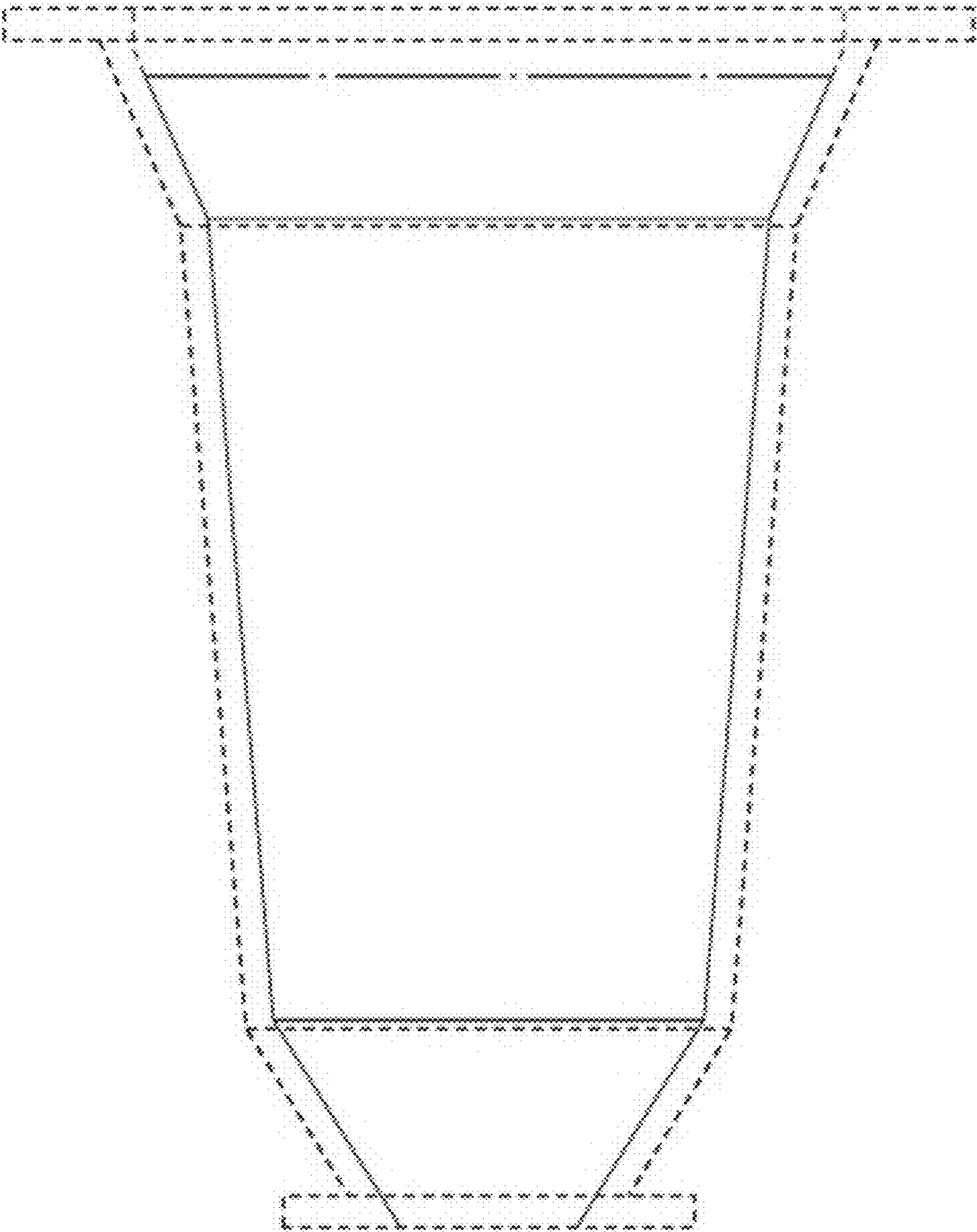
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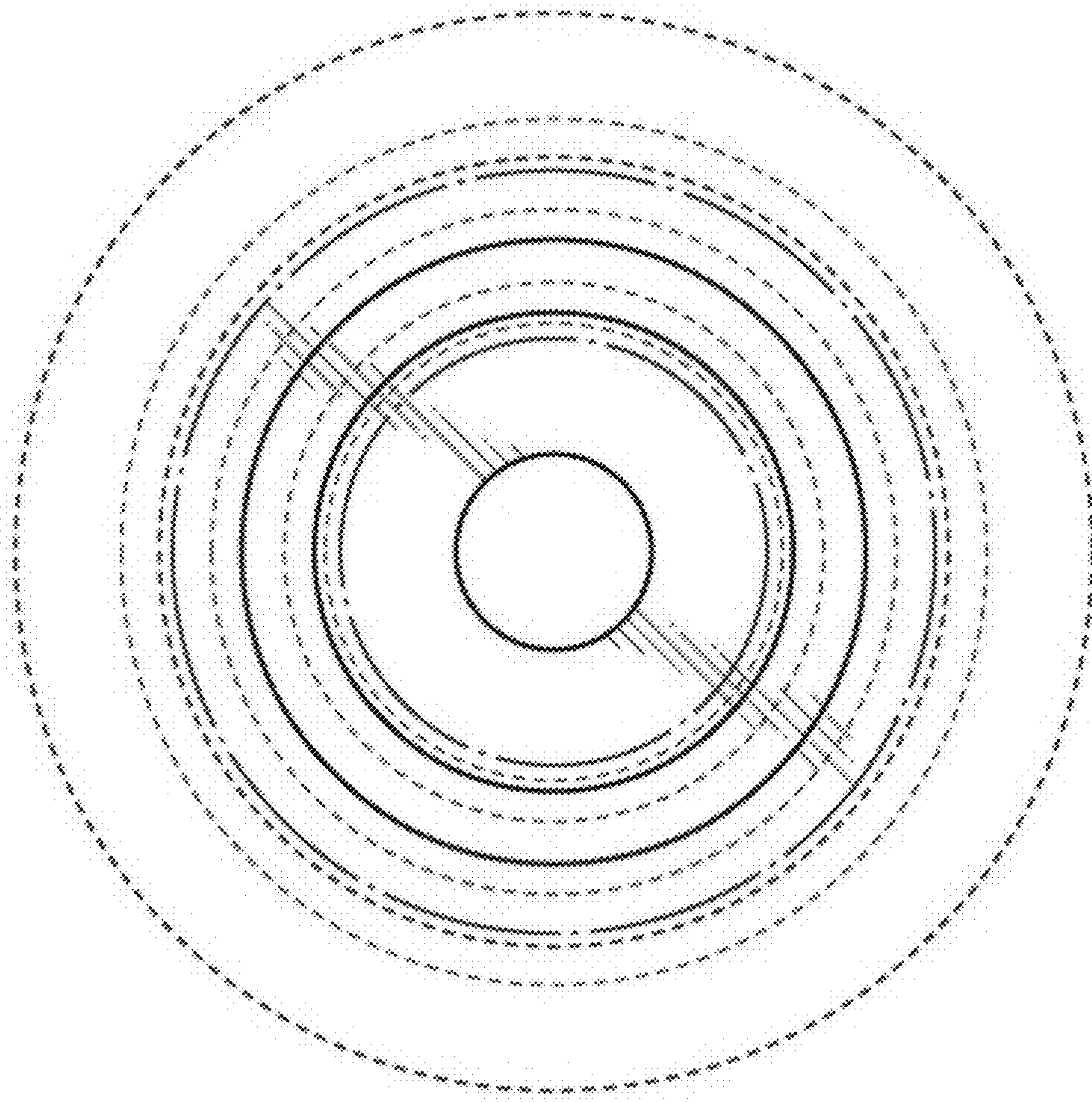
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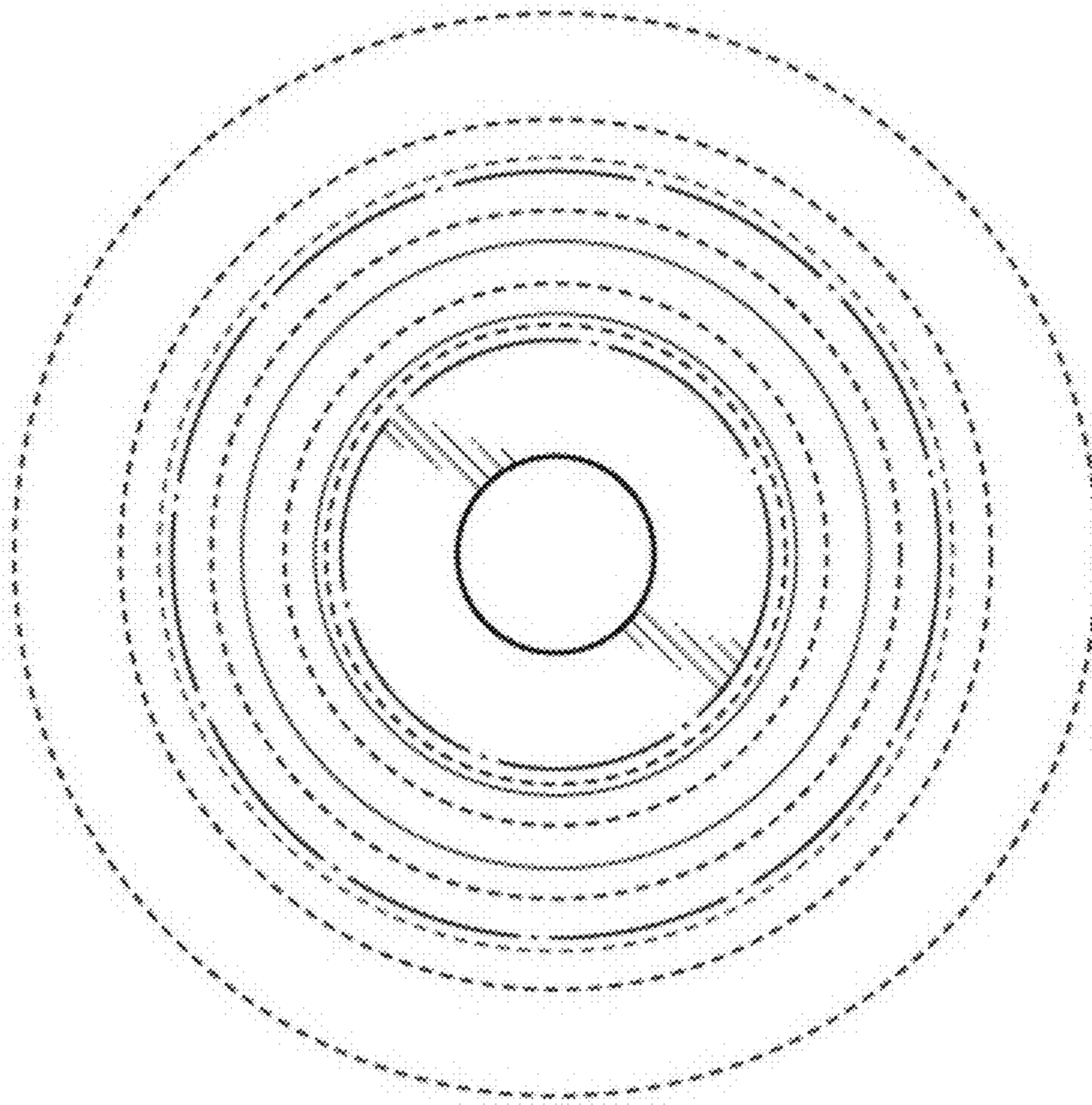
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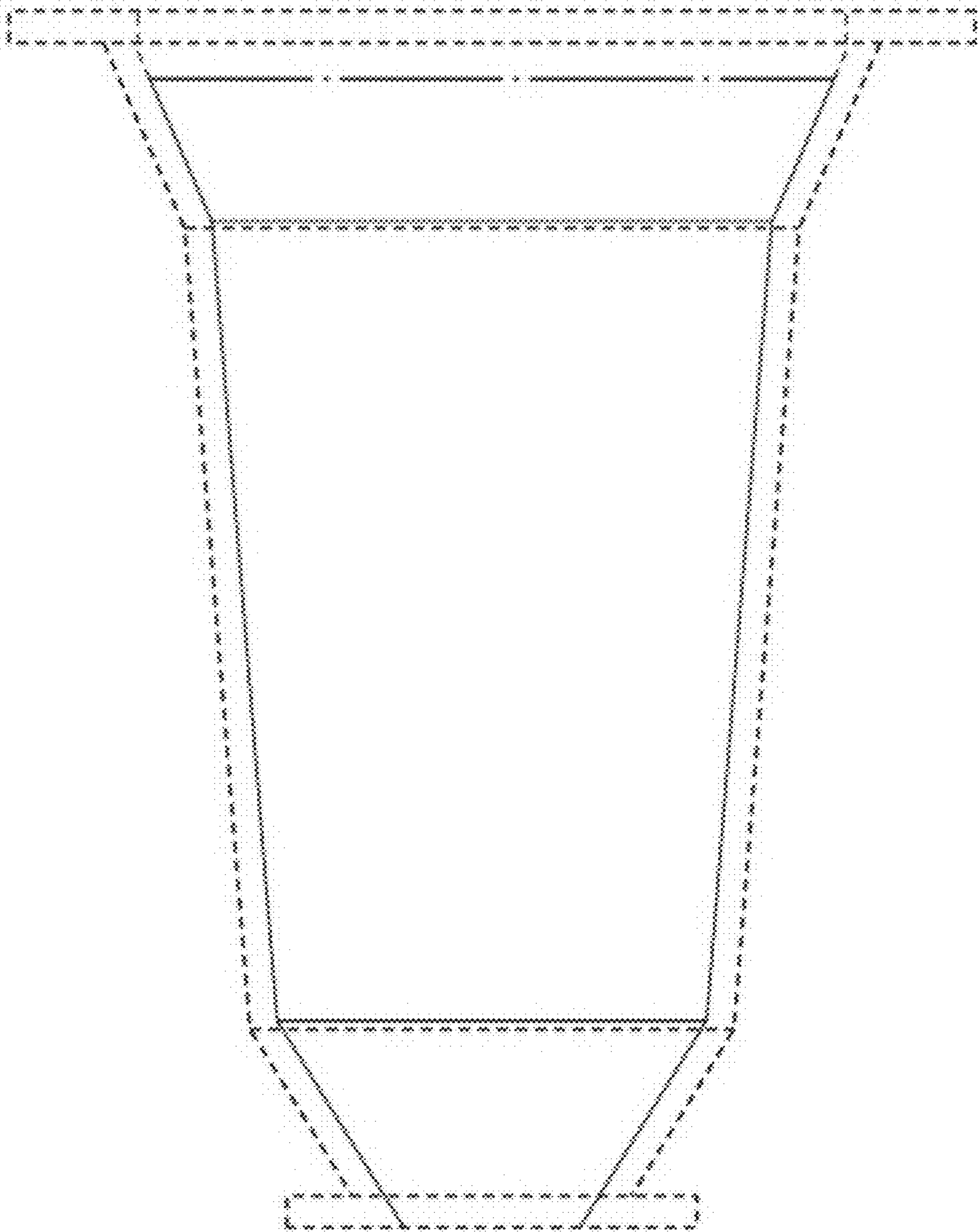
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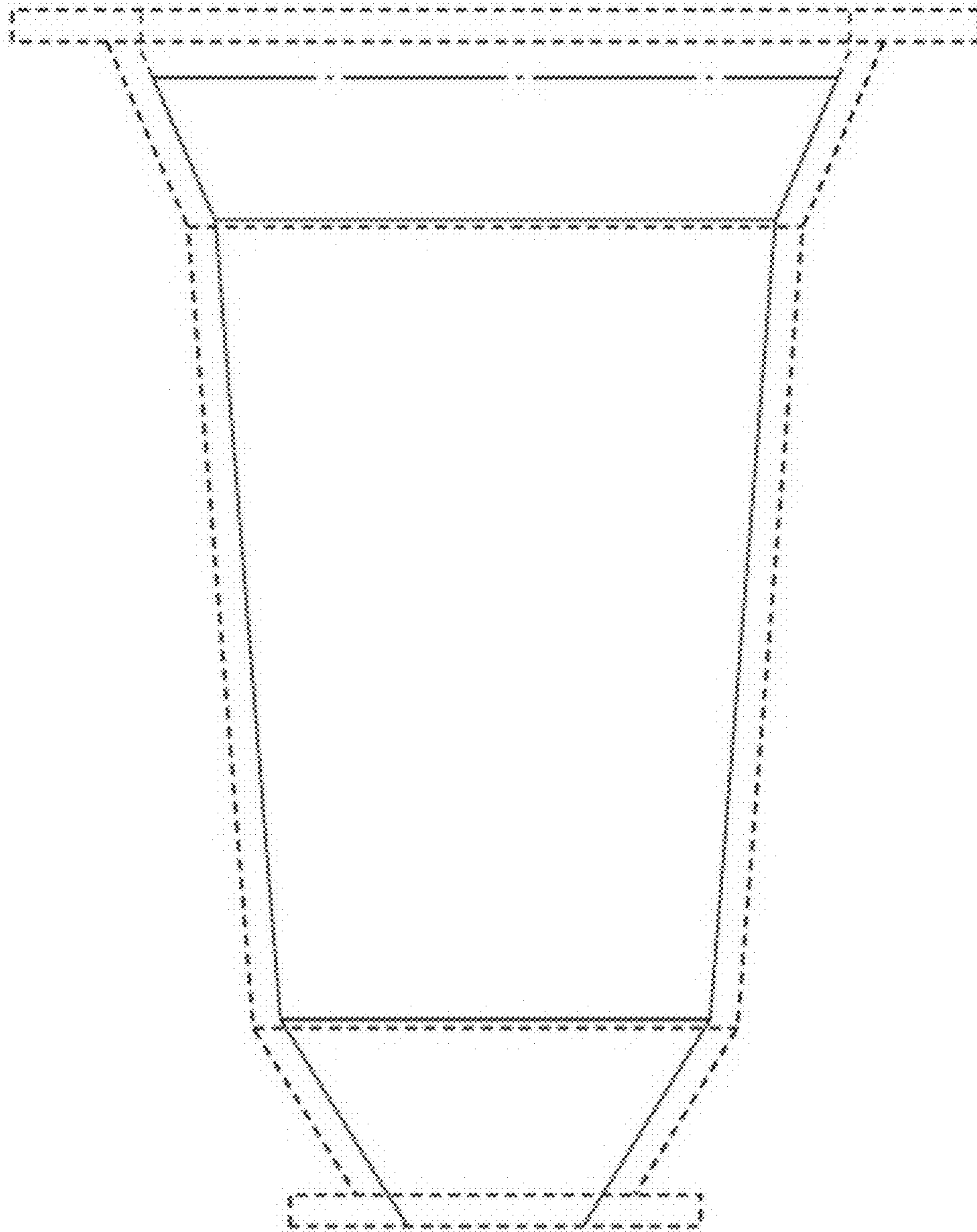
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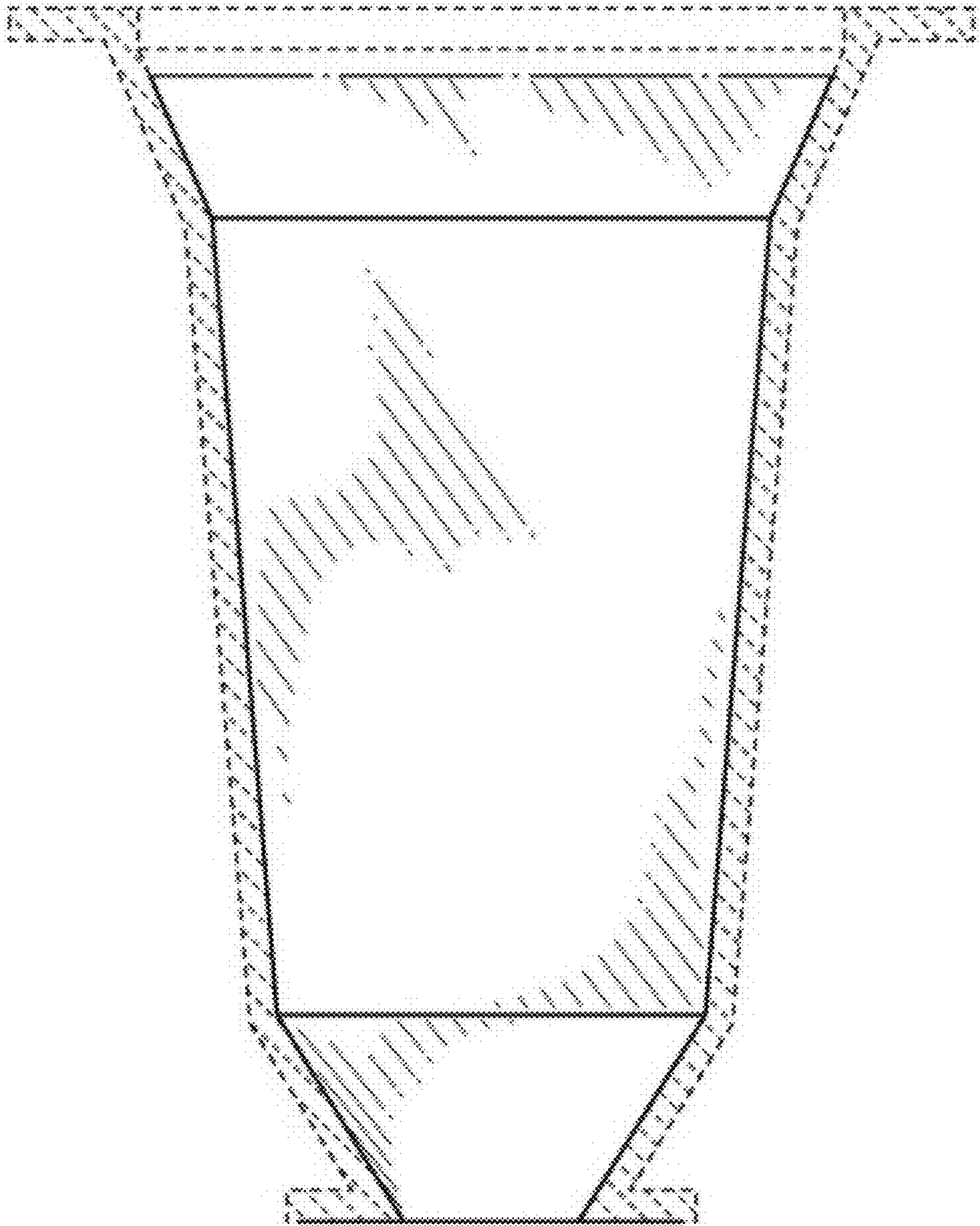
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3.8



3.9



3.10

