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(12)

United States Design Patent

Williams et al.

(10)

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(45)

Date of Patent:

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(54) FILTER FOR WET/DRY VACUUM CLEANER

(71) Applicant: Emerson Electric Co., St. Louis, MO (US)

(72) Inventors: Matthew A. Williams, Bridgeton, MO (US); Karan Ravindra Paul, Pune (IN)

(73) Assignee: Emerson Electric Co., St. Louis, MO (US)

(**) Term: 15 Years

(21) Appl. No.: 29/817,635

(22) Filed: Dec. 2, 2021

(51) LOC (14) Cl. 15-05

(52) U.S. Cl. USPC D32/31

(58) Field of Classification Search USPC D24/162; D32/1, 25, 30, 31, 35, 39; D34/1

(Continued)

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(Continued)

Primary Examiner — Khawaja Anwar
Assistant Examiner — Taylor O Mortorff

(74) Attorney, Agent, or Firm — Armstrong Teasdale LLP

(57) CLAIM

We claim the ornamental design for a filter for wet/dry vacuum cleaner, as shown and described.

DESCRIPTION

FIG. 1 is a bottom perspective view of a first embodiment of a filter for a wet/dry vacuum cleaner showing the new design. thereof.

FIG. 2 is a top perspective view thereof.

FIG. 3 is a top view thereof.

FIG. 4 is a bottom view thereof.

FIG. 5 is a left-side view thereof.

FIG. 6 is a right-side view thereof.

FIG. 7 is a front view thereof.

FIG. 8 is rear view thereof.

FIG. 9 is a bottom perspective view of a second embodiment of a filter for a wet/dry vacuum cleaner showing the new design.

FIG. 10 is a top perspective view thereof.

FIG. 11 is a top view thereof.

FIG. 12 is a bottom view thereof.

FIG. 13 is a left-side view thereof.

FIG. 14 is a right-side view thereof.

FIG. 15 is a front view thereof.

FIG. 16 is rear view thereof.

FIG. 17 is a bottom perspective view of a third embodiment of a filter for a wet/dry vacuum cleaner showing the new design. thereof.

FIG. 18 is a top perspective view thereof.

FIG. 19 is a top view thereof.

FIG. 20 is a bottom view thereof.

FIG. 21 is a left-side view thereof.

FIG. 22 is a right-side view thereof.

FIG. 23 is a front view thereof.

FIG. 24 is rear view thereof.

FIG. 25 is a bottom perspective view of a fourth embodiment of a filter for a wet/dry vacuum cleaner showing the new design.

FIG. 26 is a top perspective view thereof.

(Continued)

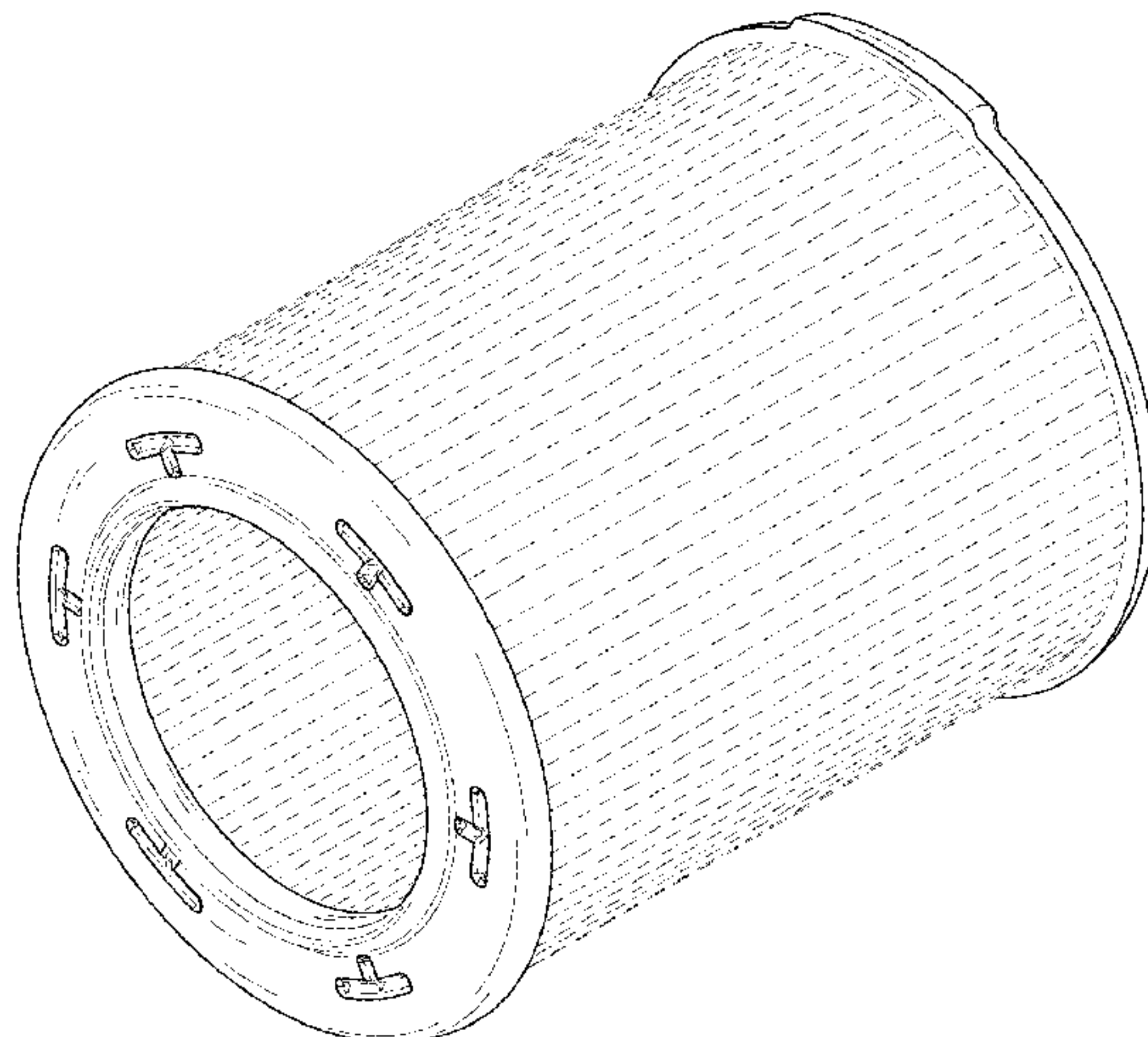


FIG. 27 is a top view thereof.
 FIG. 28 is a bottom view thereof.
 FIG. 29 is a left-side view thereof.
 FIG. 30 is a right-side view thereof.
 FIG. 31 is a front view thereof.
 FIG. 32 is rear view thereof.
 FIG. 33 is a bottom perspective view of a fifth embodiment of a filter for a wet/dry vacuum cleaner showing the new design.
 FIG. 34 is a top perspective view thereof.
 FIG. 35 is a top view thereof.
 FIG. 36 is a bottom view thereof.
 FIG. 37 is a left-side view thereof.
 FIG. 38 is a right-side view thereof.
 FIG. 39 is a front view thereof.
 FIG. 40 is rear view thereof.
 FIG. 41 is a bottom perspective view of a sixth embodiment of a filter for a wet/dry vacuum cleaner showing the new design.
 FIG. 42 is a top perspective view thereof.
 FIG. 43 is a top view thereof.
 FIG. 44 is a bottom view thereof.
 FIG. 45 is a left-side view thereof.
 FIG. 46 is a right-side view thereof.
 FIG. 47 is a front view thereof.
 FIG. 48 is rear view thereof.
 FIG. 49 is a bottom perspective view of a seventh embodiment of a filter for a wet/dry vacuum cleaner showing the new design.
 FIG. 50 is a top perspective view thereof.
 FIG. 51 is a top view thereof.
 FIG. 52 is a bottom view thereof.
 FIG. 53 is a left-side view thereof.
 FIG. 54 is a right-side view thereof.
 FIG. 55 is a front view thereof.
 FIG. 56 is rear view thereof.
 FIG. 57 is a bottom perspective view of an eighth embodiment of a filter for a wet/dry vacuum cleaner showing the new design.
 FIG. 58 is a top perspective view thereof.
 FIG. 59 is a top view thereof.
 FIG. 60 is a bottom view thereof.
 FIG. 61 is a left-side view thereof.
 FIG. 62 is a right-side view thereof.
 FIG. 63 is a front view thereof.
 FIG. 64 is rear view thereof.
 FIG. 65 is a bottom perspective view of a ninth embodiment of a filter for a wet/dry vacuum cleaner showing the new design.
 FIG. 66 is a top perspective view thereof.
 FIG. 67 is a top view thereof.
 FIG. 68 is a bottom view thereof.
 FIG. 69 is a left-side view thereof.
 FIG. 70 is a right-side view thereof.
 FIG. 71 is a front view thereof; and,
 FIG. 72 is rear view thereof.
 In these drawings, the solid lines illustrate the claimed ornamental design, whereas broken lines, if present, illustrate unclaimed subject matter and form no part of the

claimed design. The pair of dash-dot broken lines in FIGS. 17-24, 41-48, and 65-72 represent indeterminate length of the filter for a wet/dry vacuum cleaner, and form no part of the claimed design.

1 Claim, 72 Drawing Sheets

(58) Field of Classification Search

CPC . A47L 9/10; A47L 9/102; A47L 9/106; A47L 9/14; A47L 9/104; A47L 9/108; A47L 9/12; A47L 9/1409; A47L 9/1418; A47L 9/149; A47L 11/4027; B01D 29/11
 See application file for complete search history.

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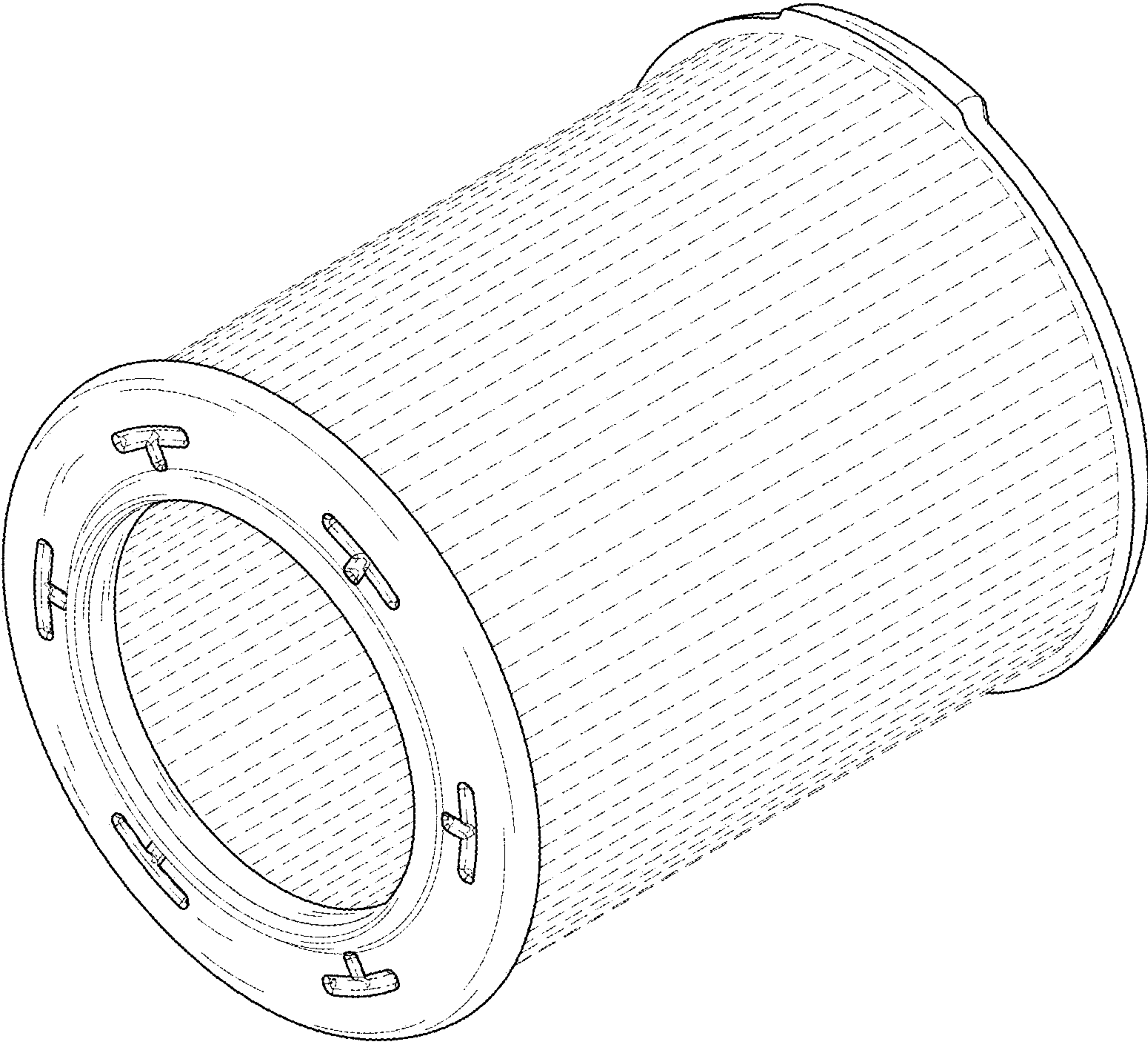


FIG. 1

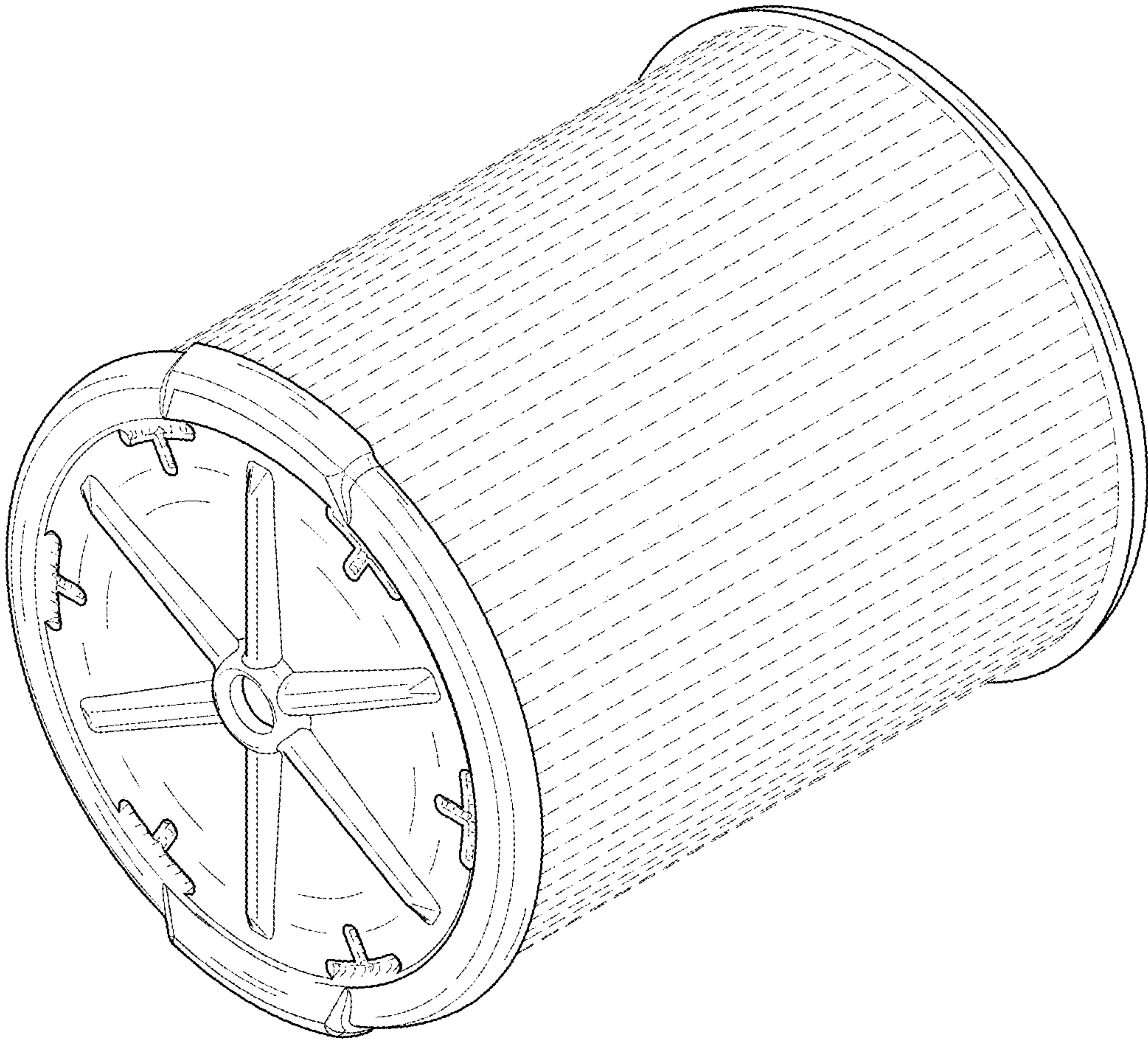


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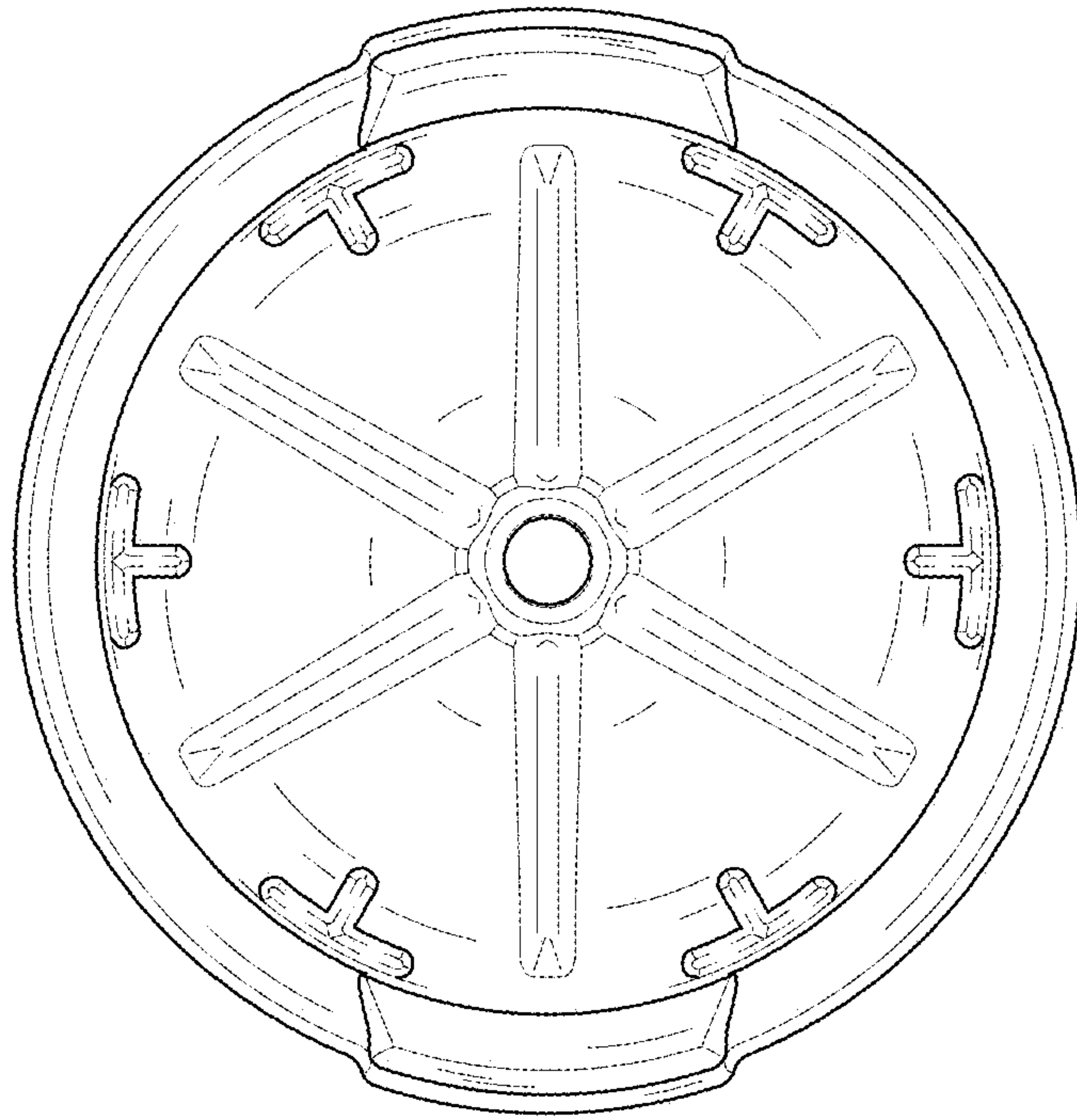


FIG. 3

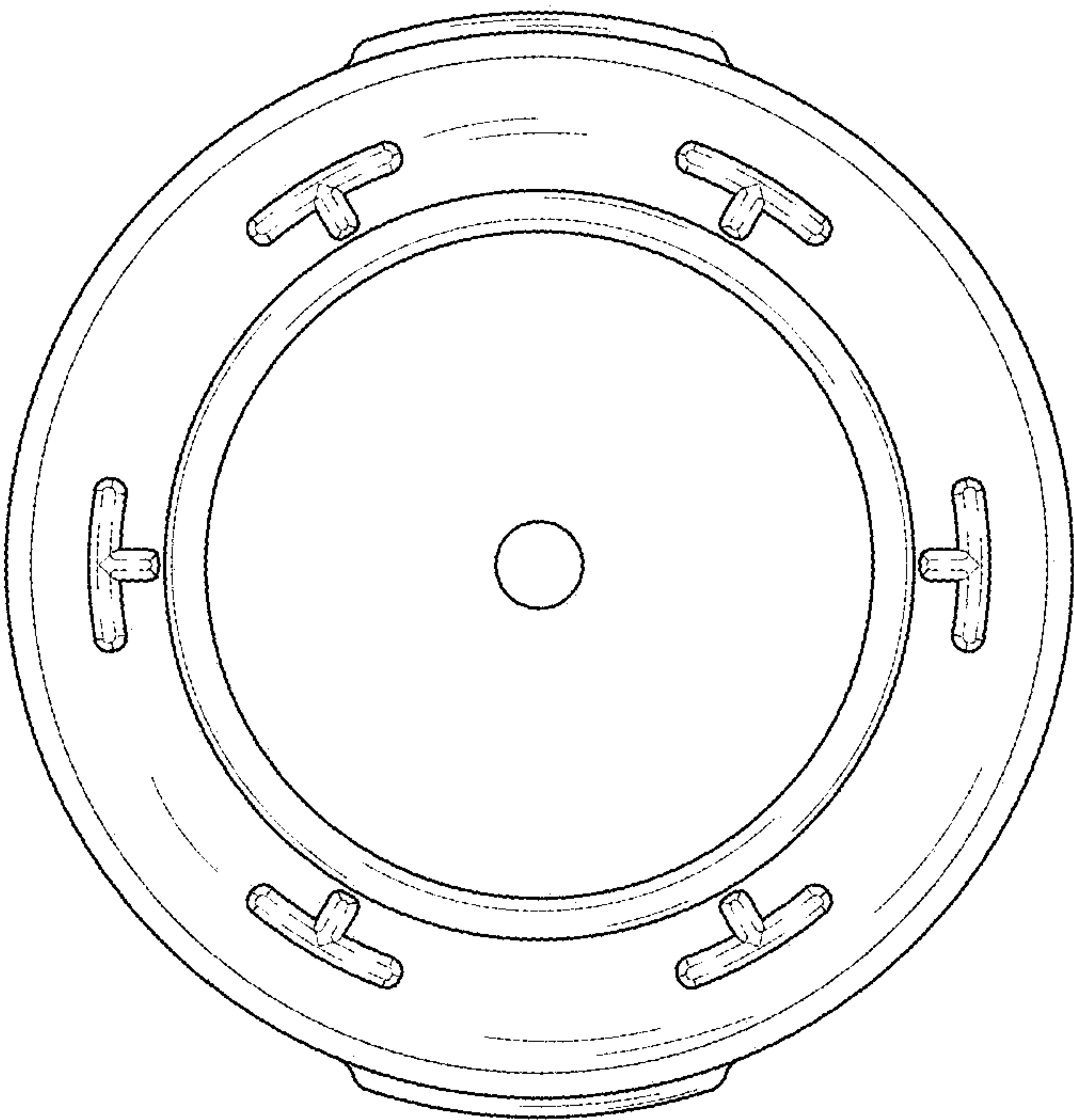


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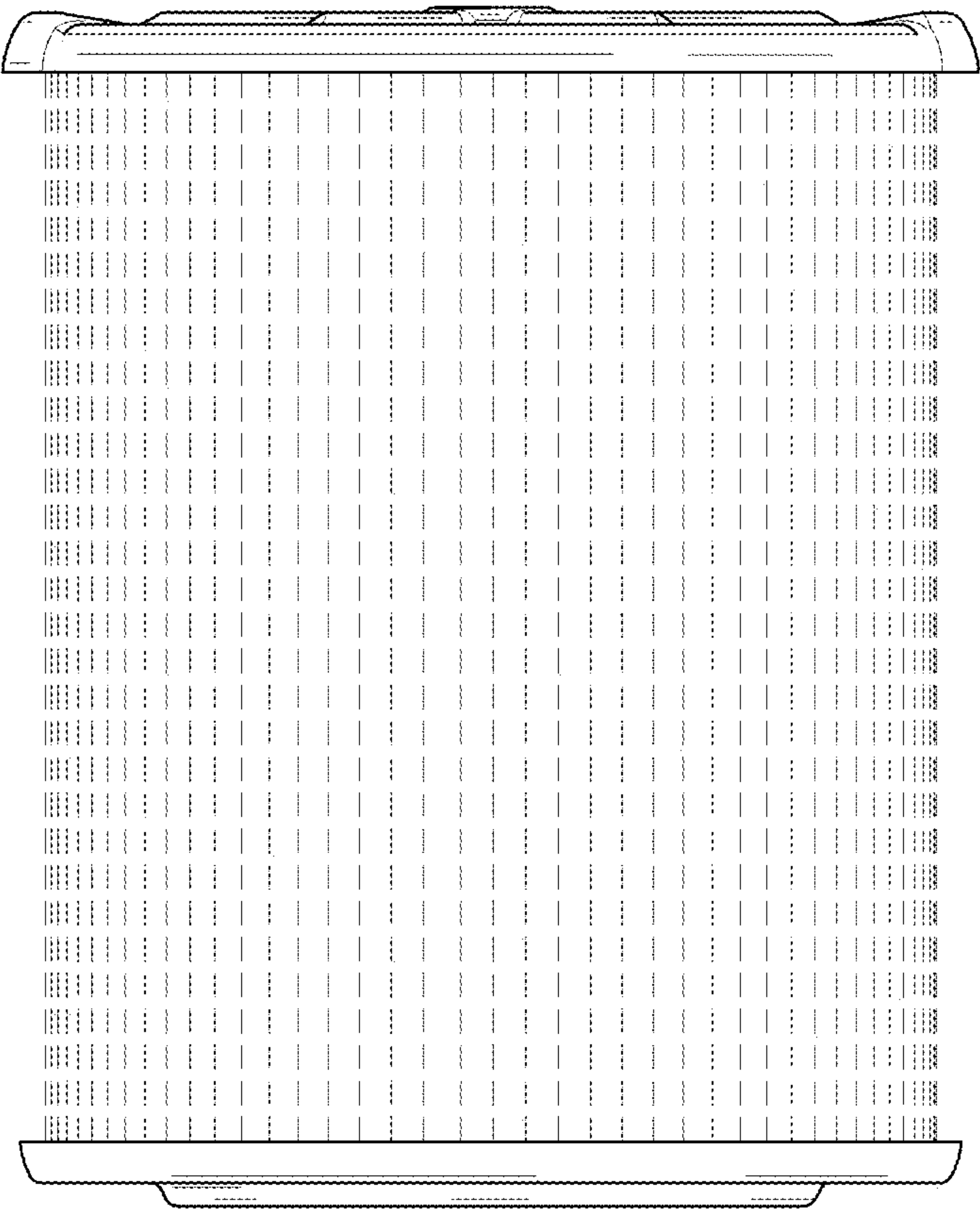


FIG. 5

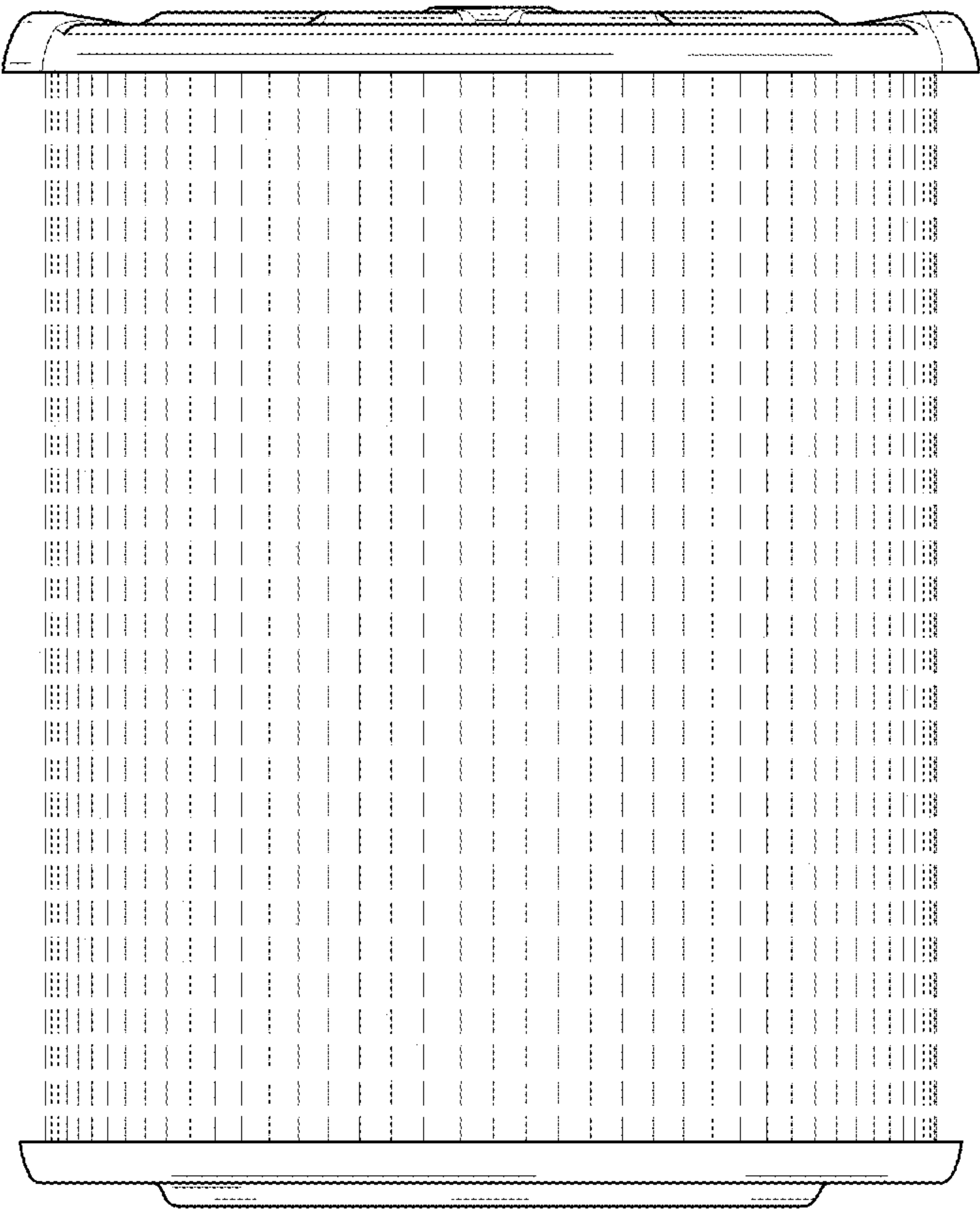


FIG. 6

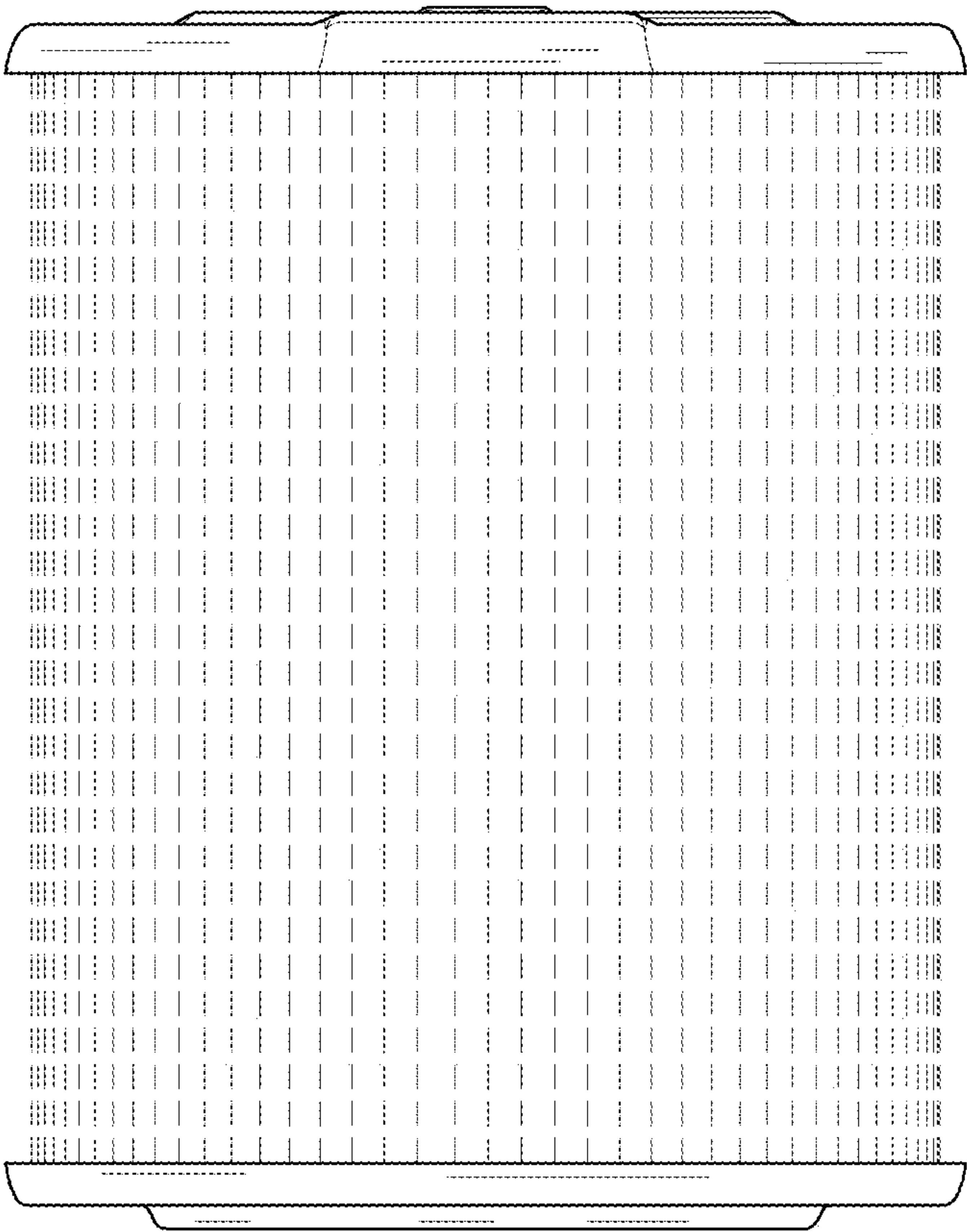


FIG. 7

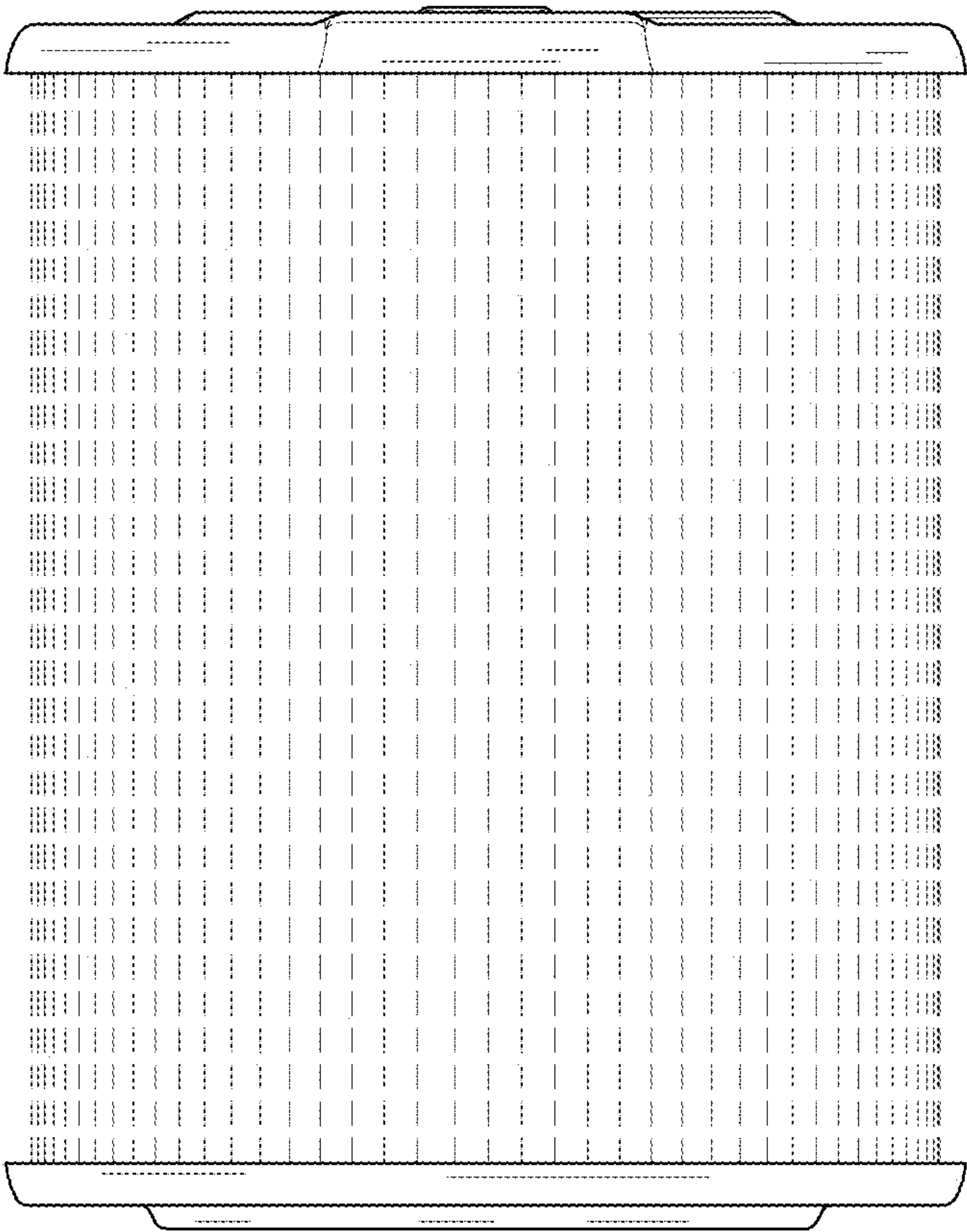


FIG. 8

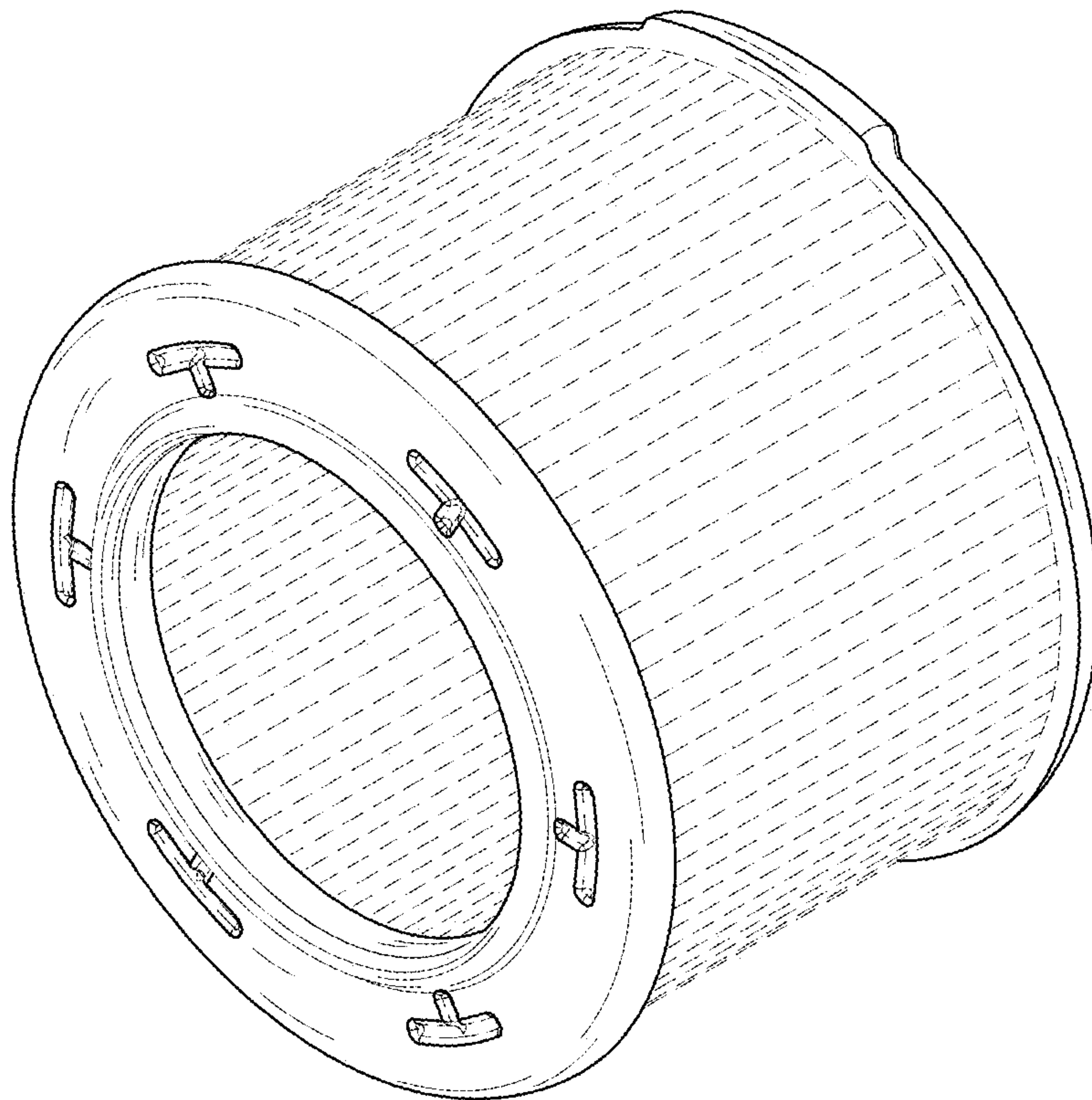


FIG. 9

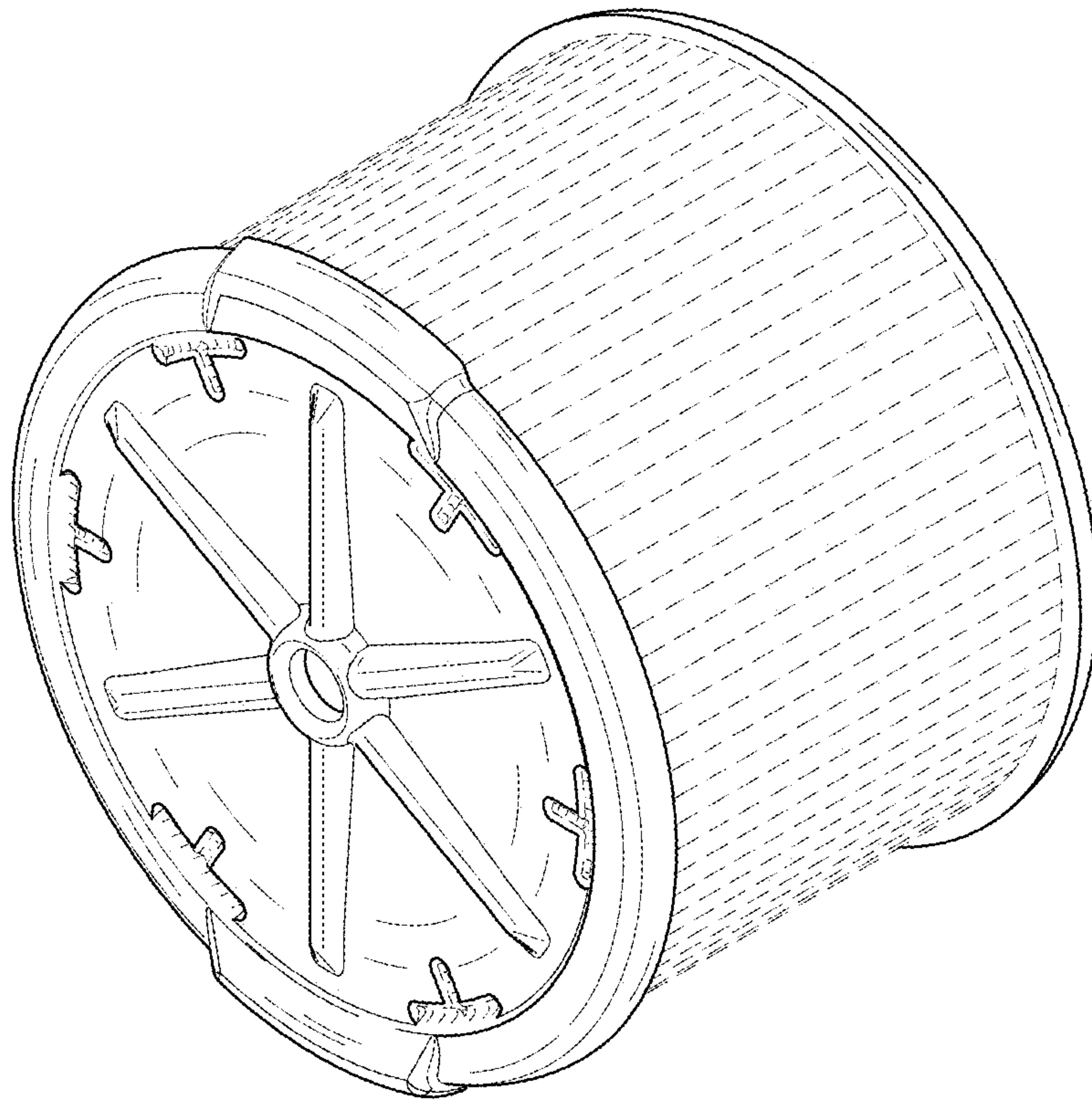


FIG. 10

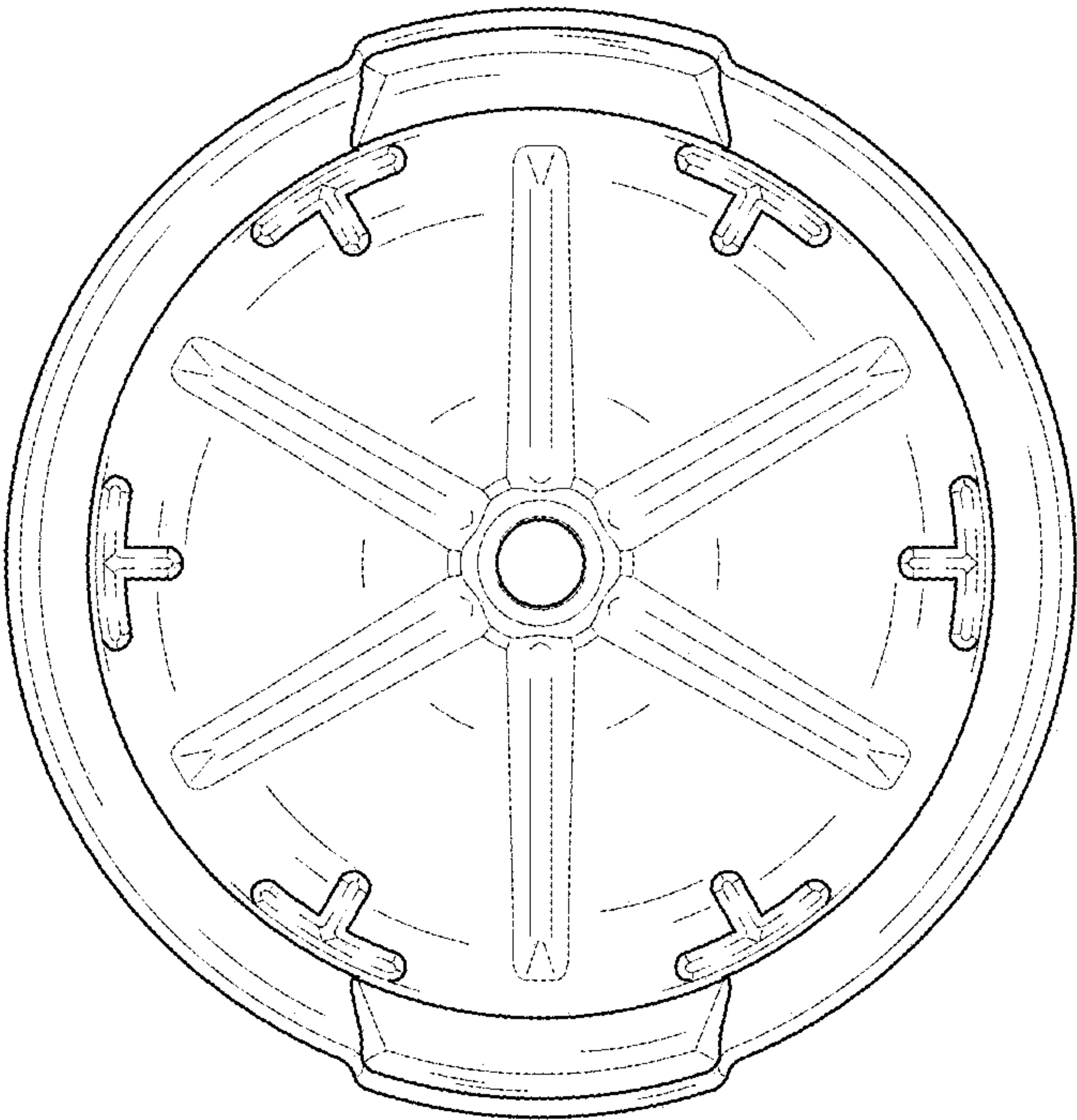


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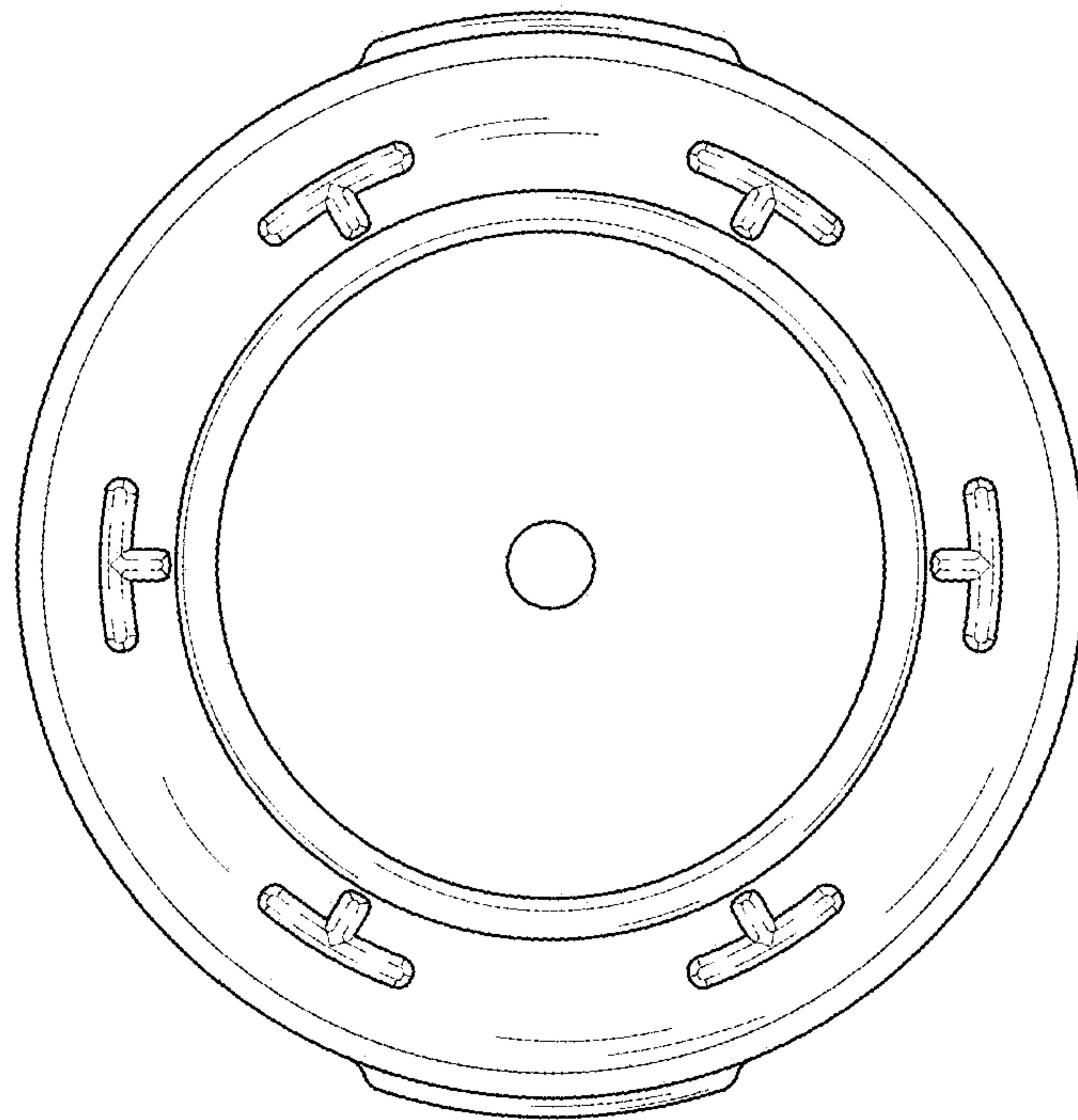


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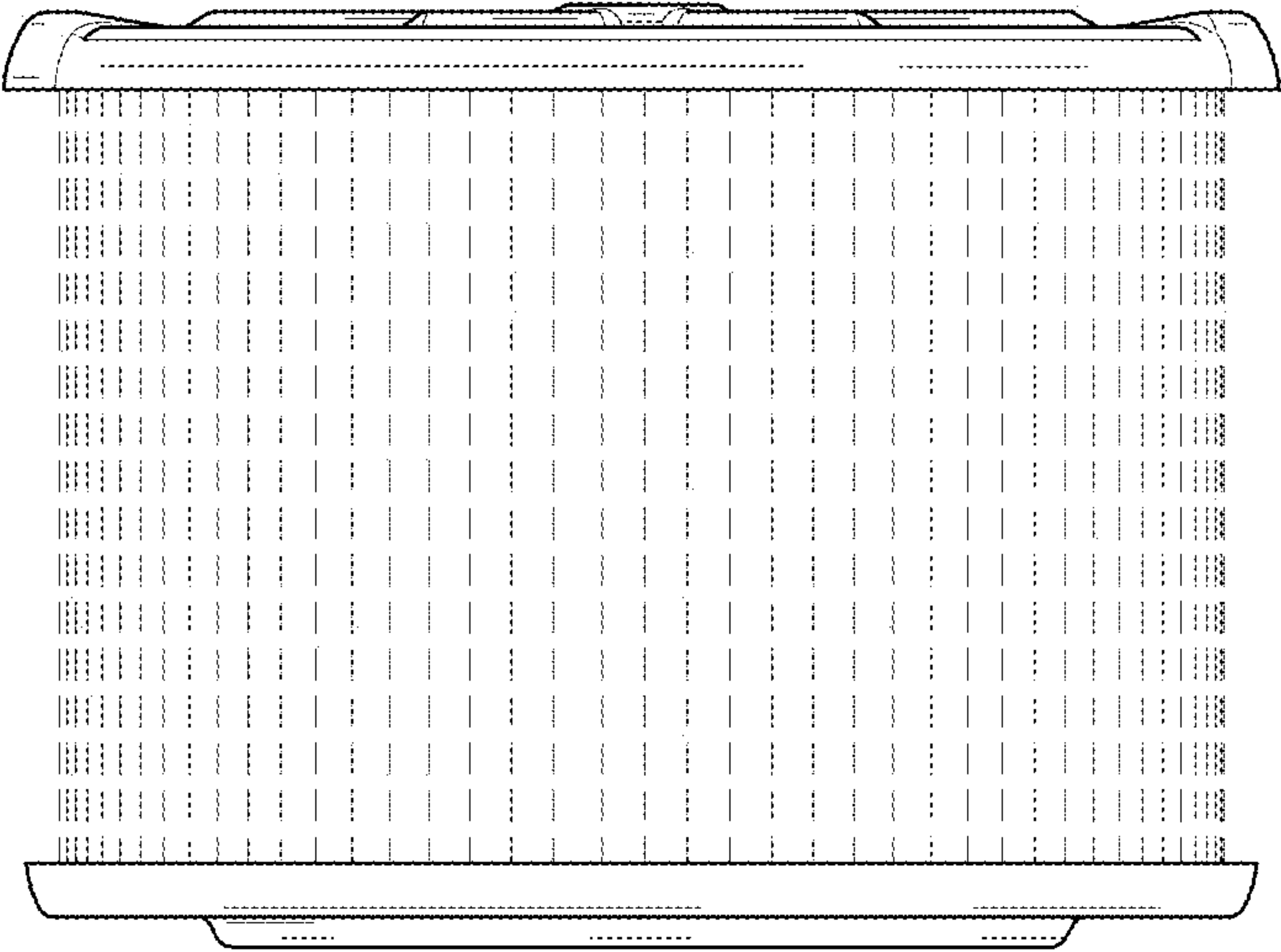


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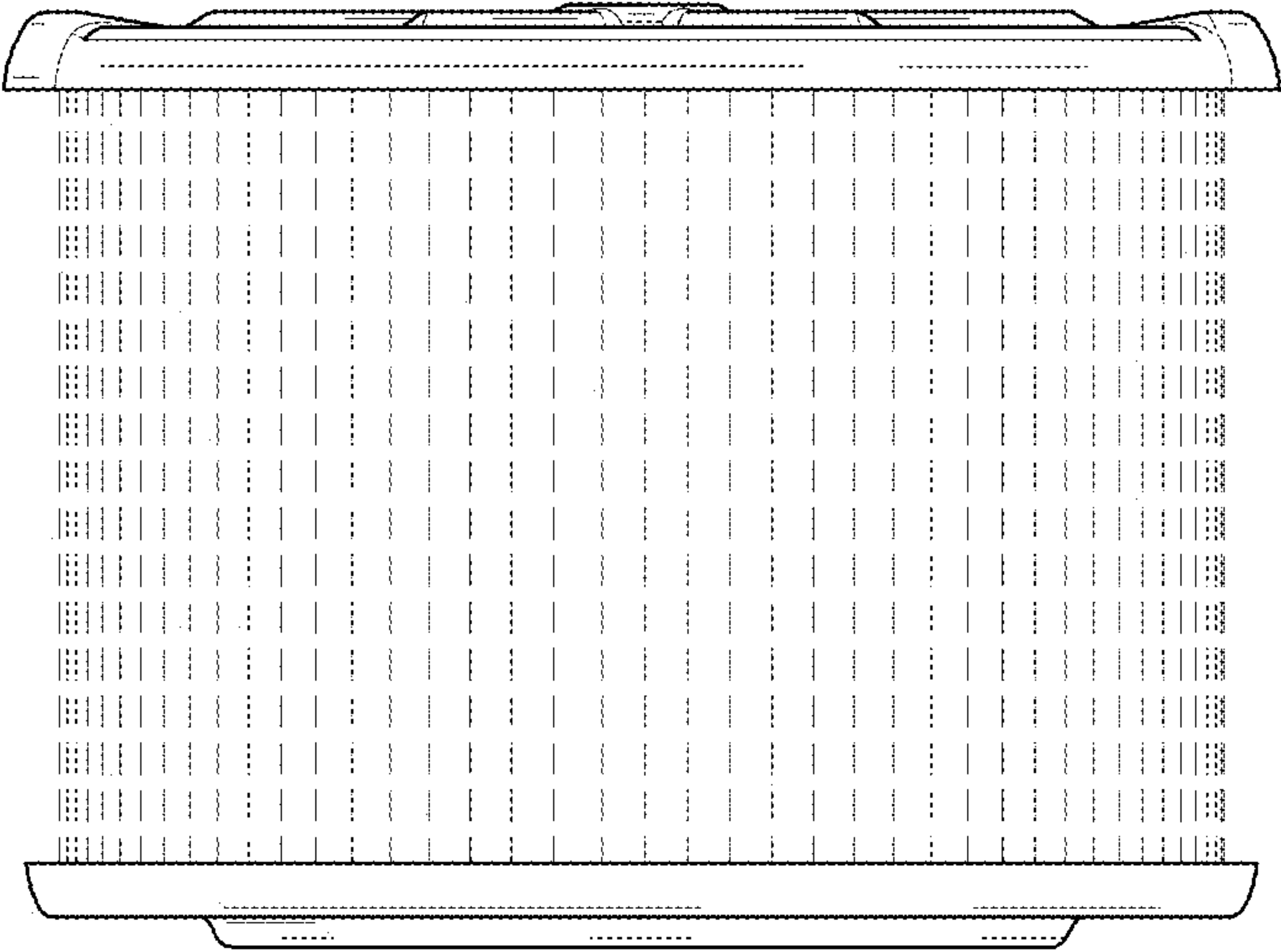


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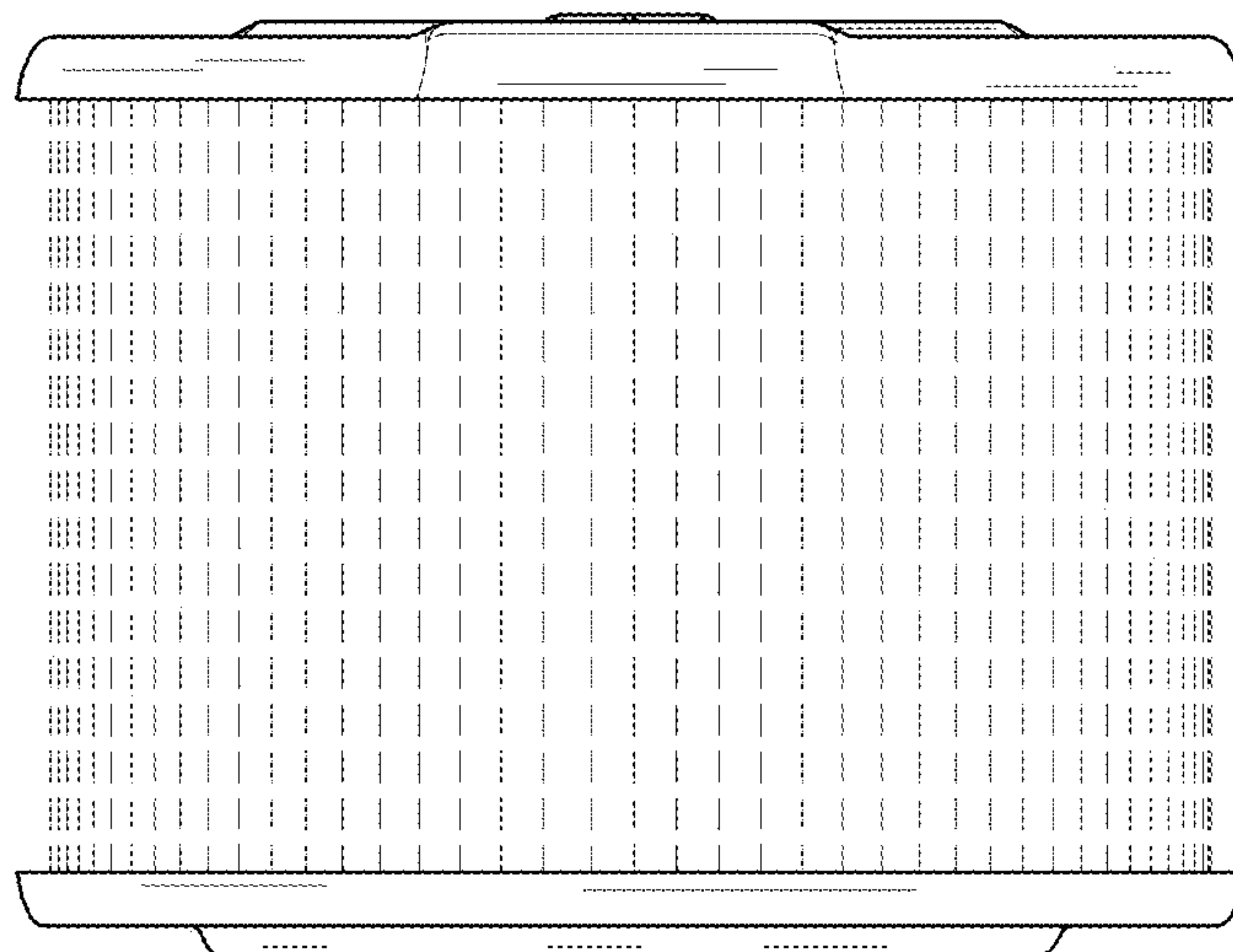


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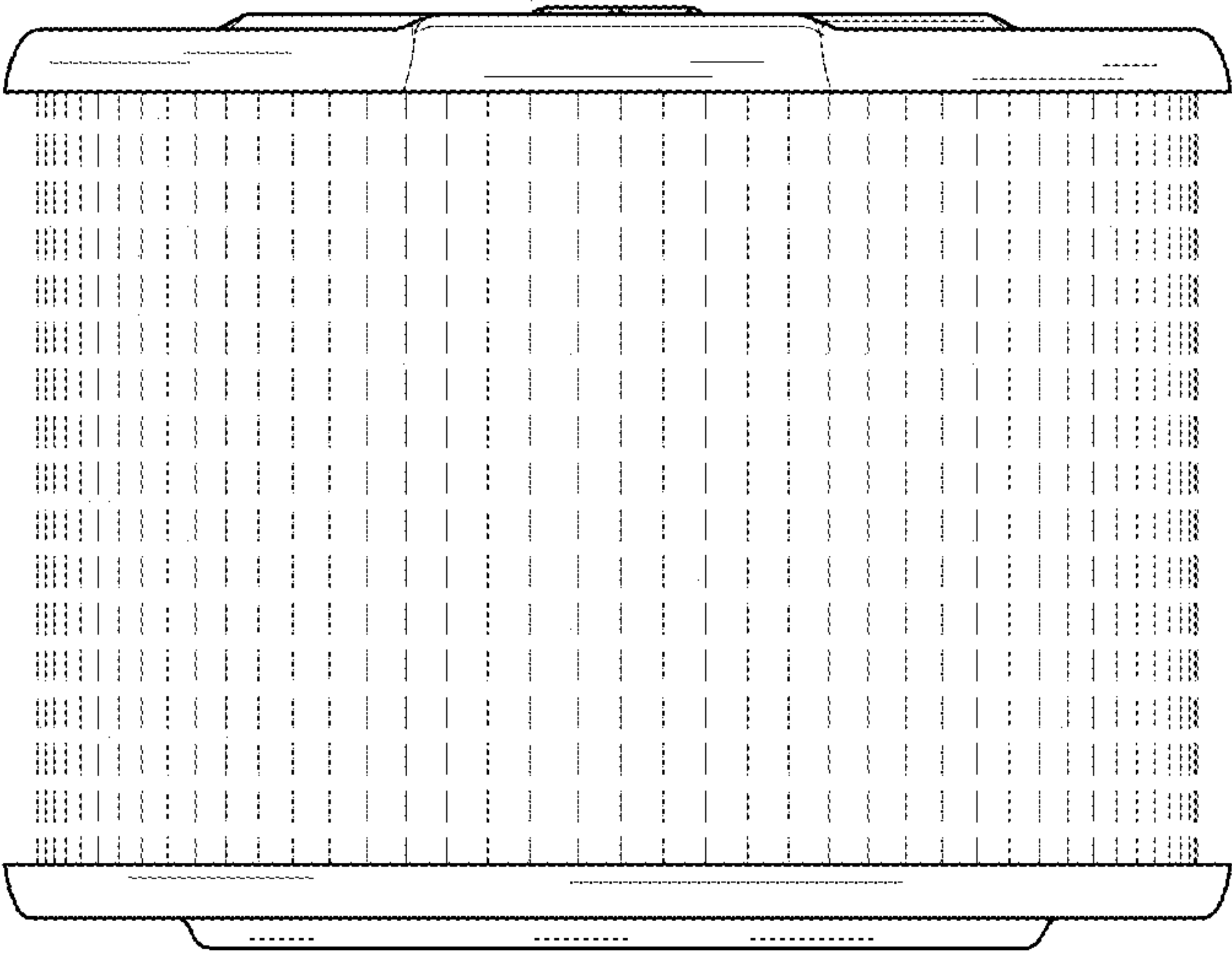


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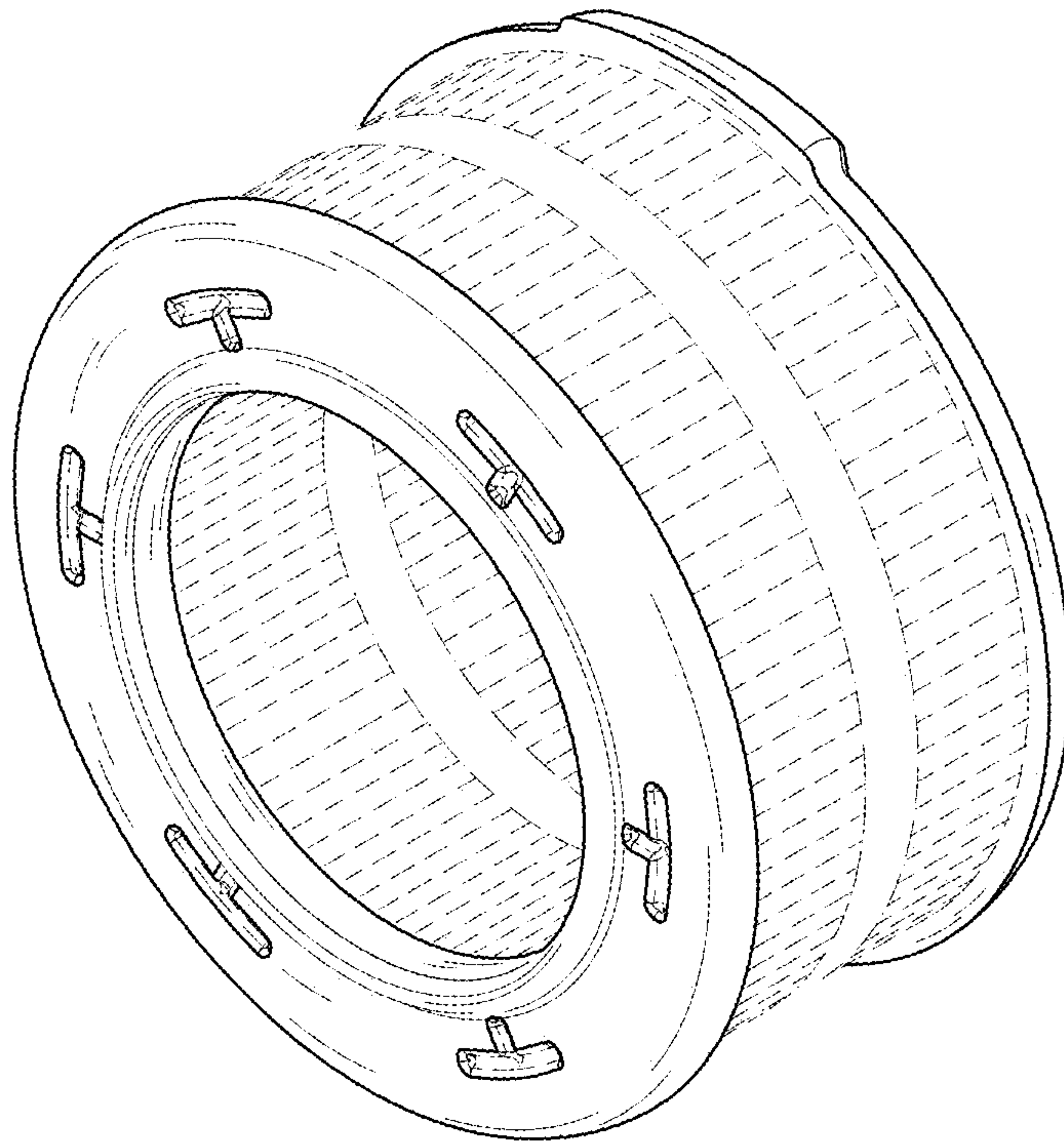


FIG. 17

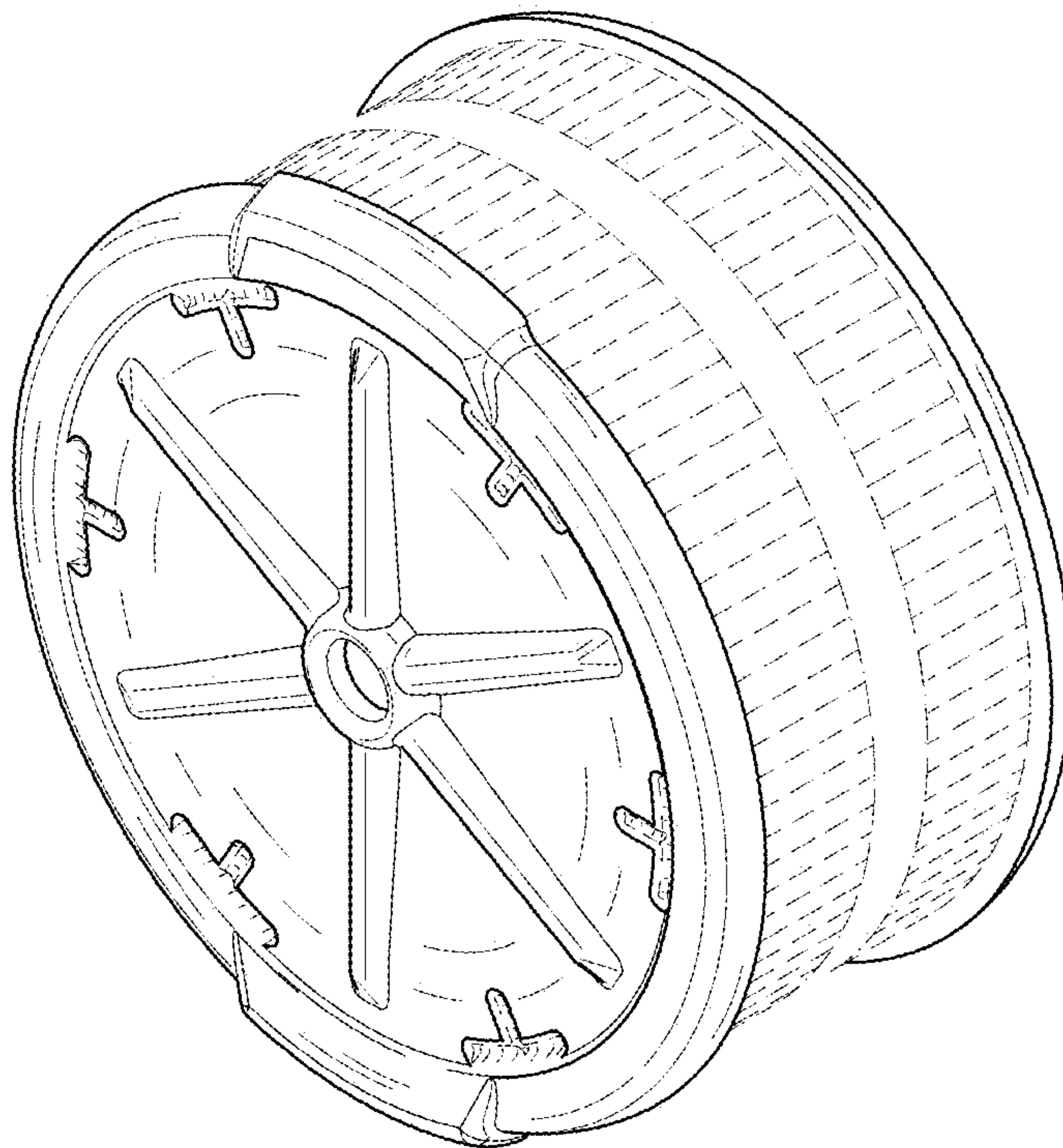


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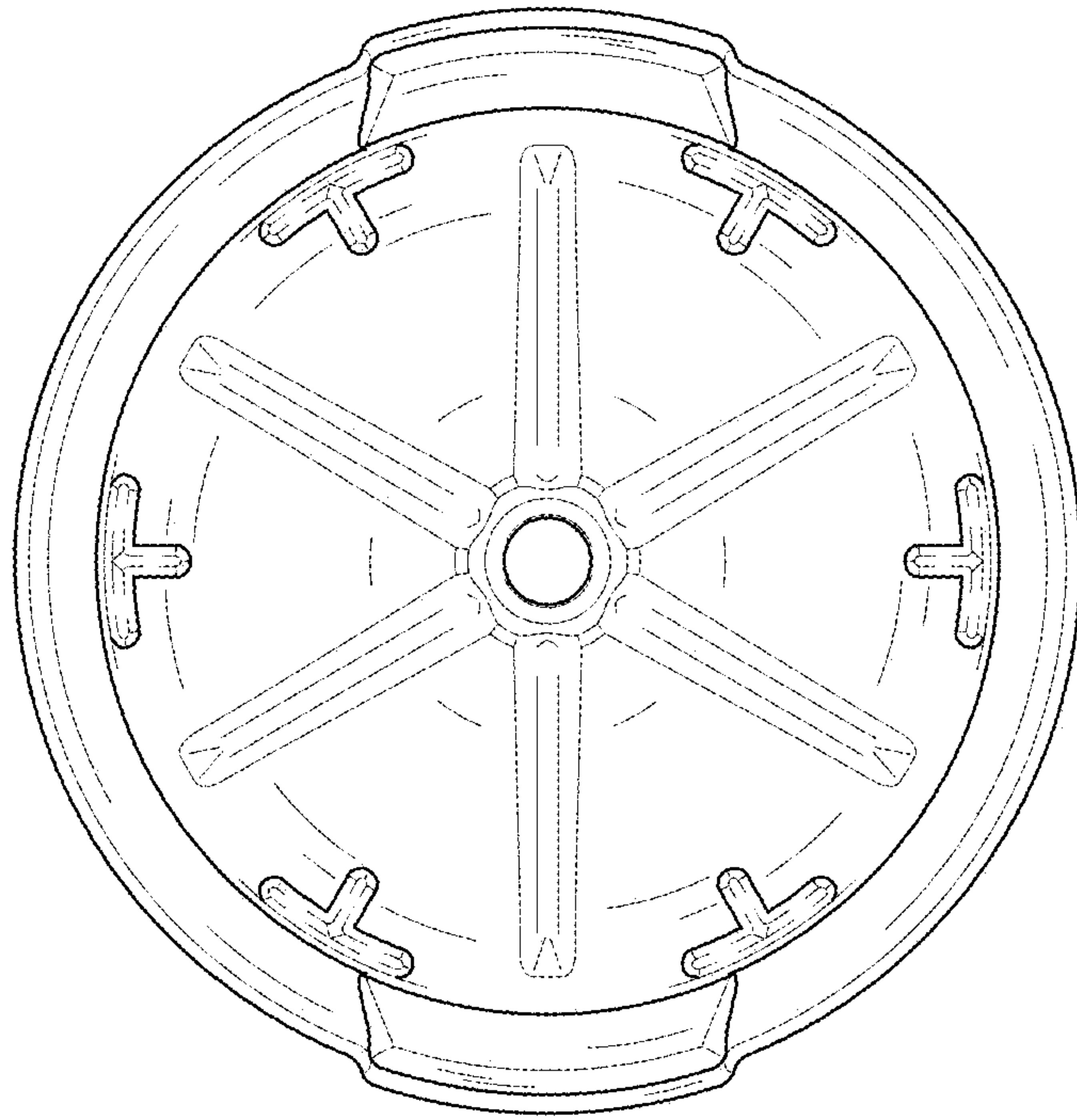


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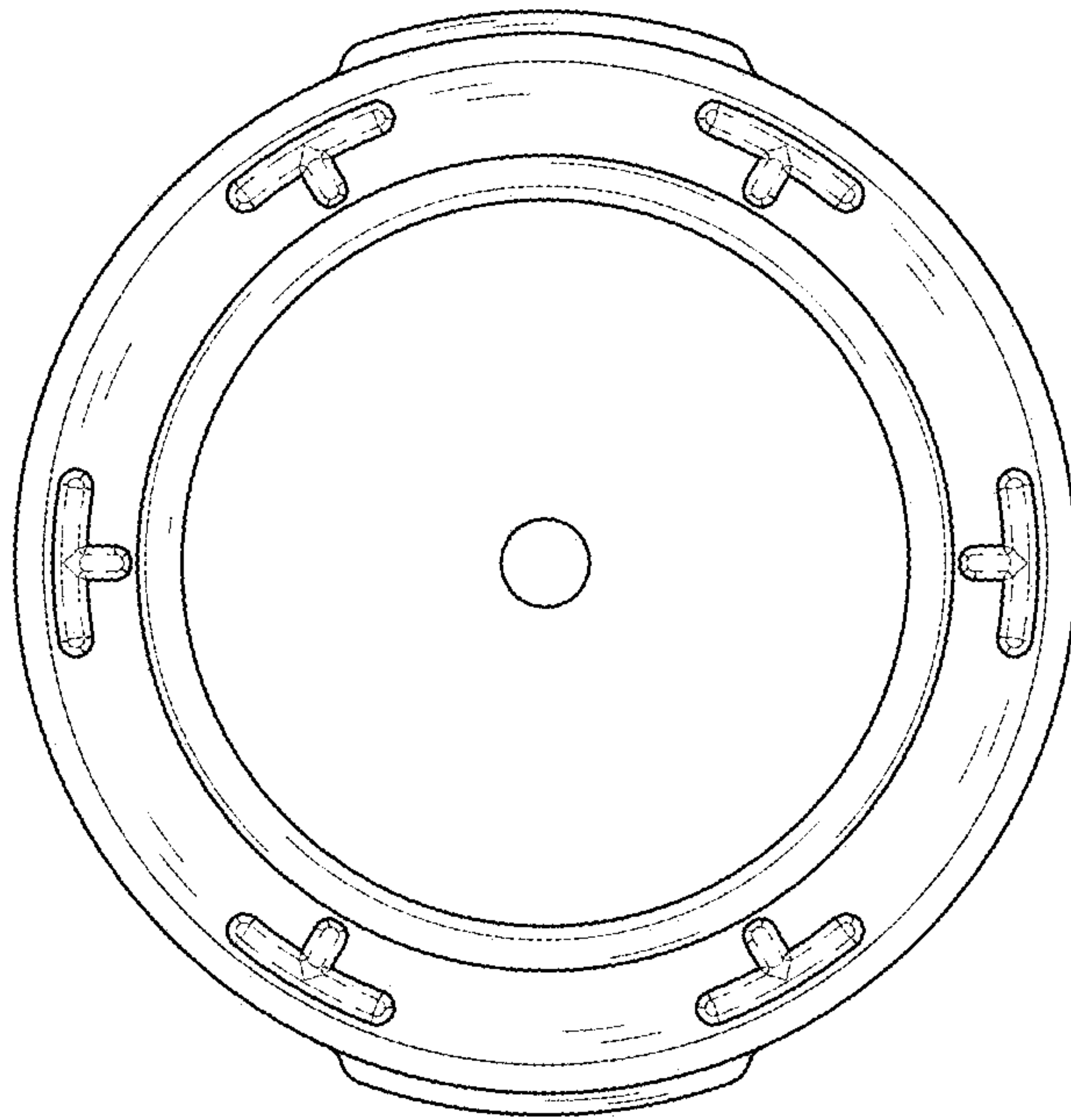


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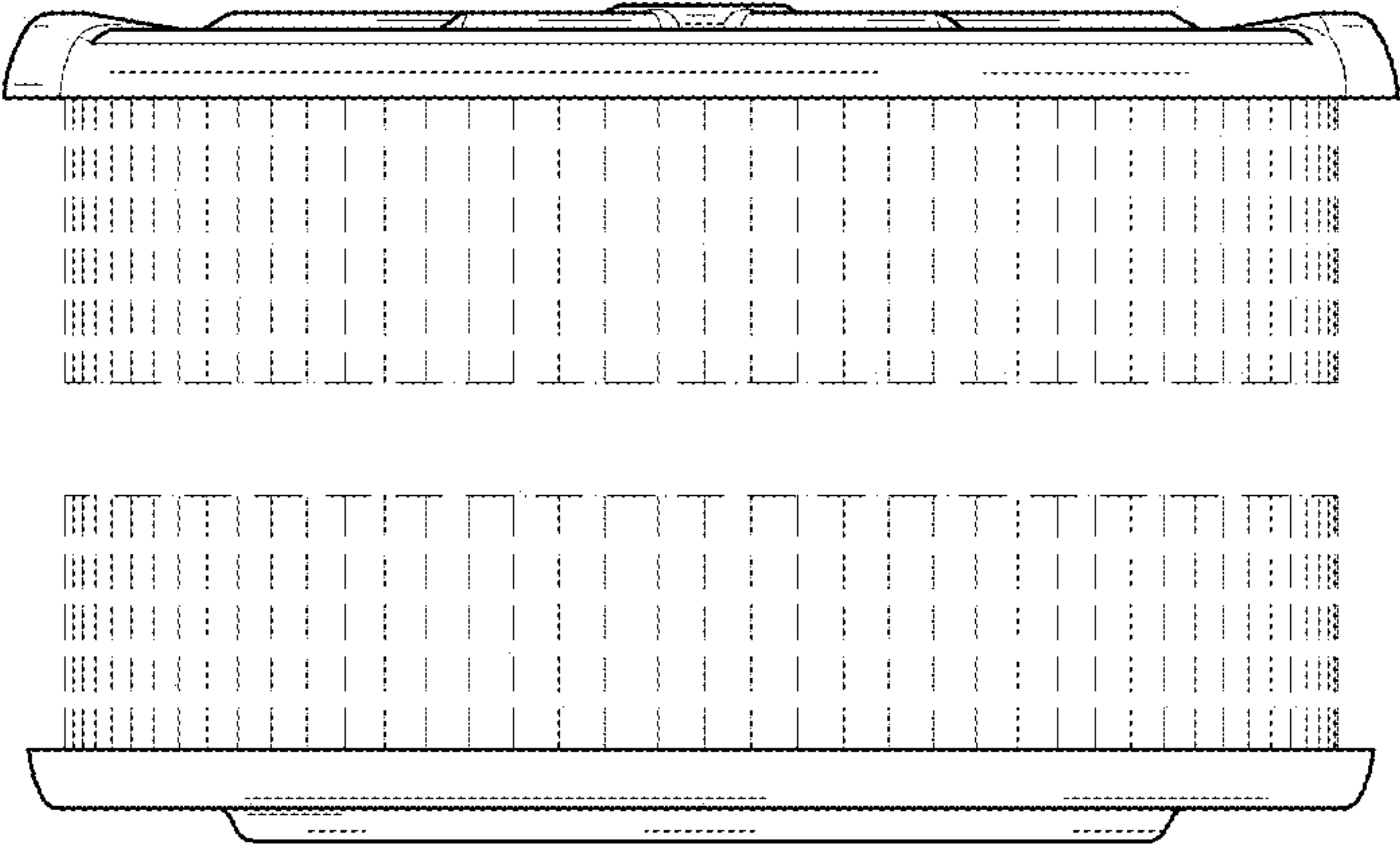


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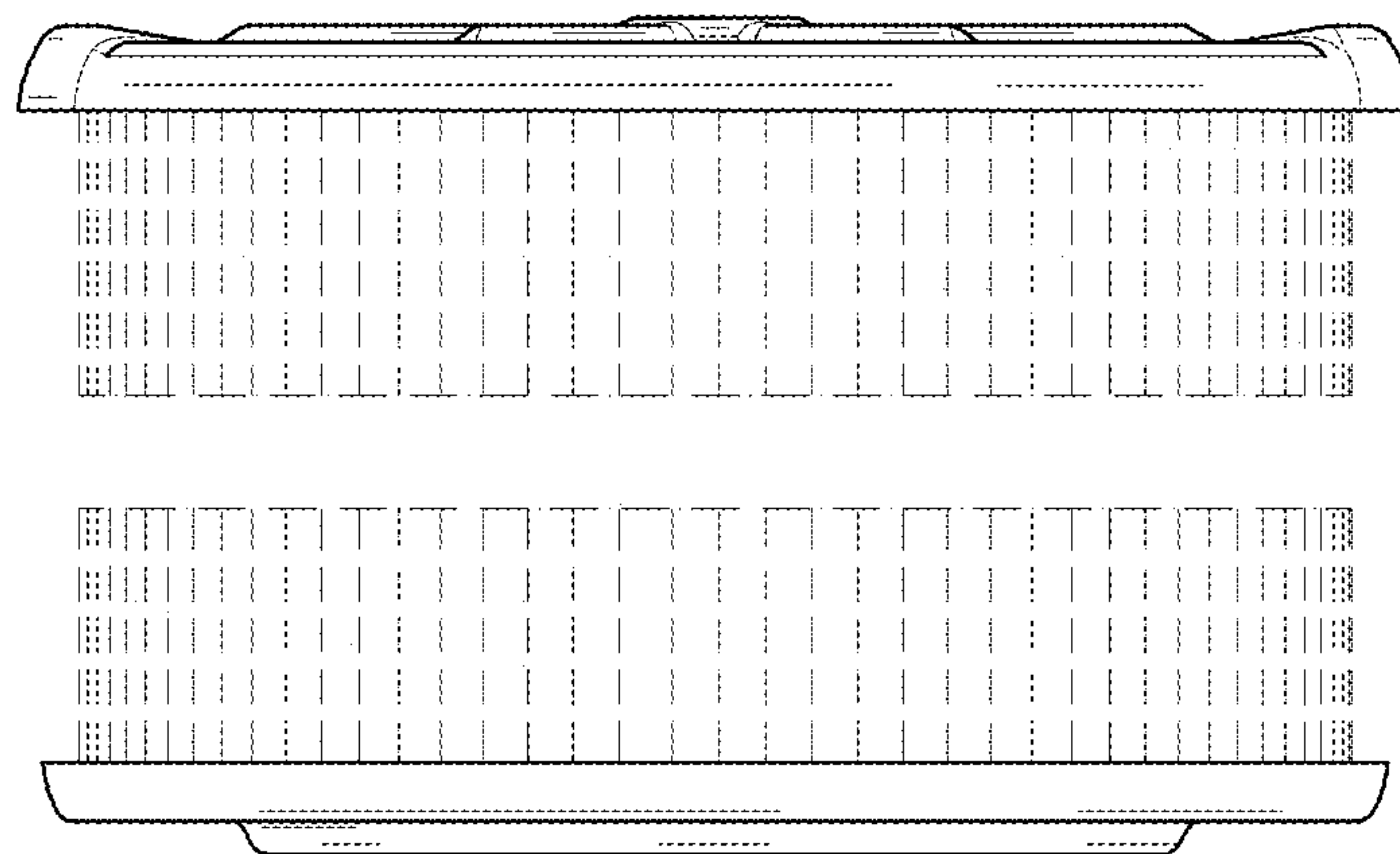


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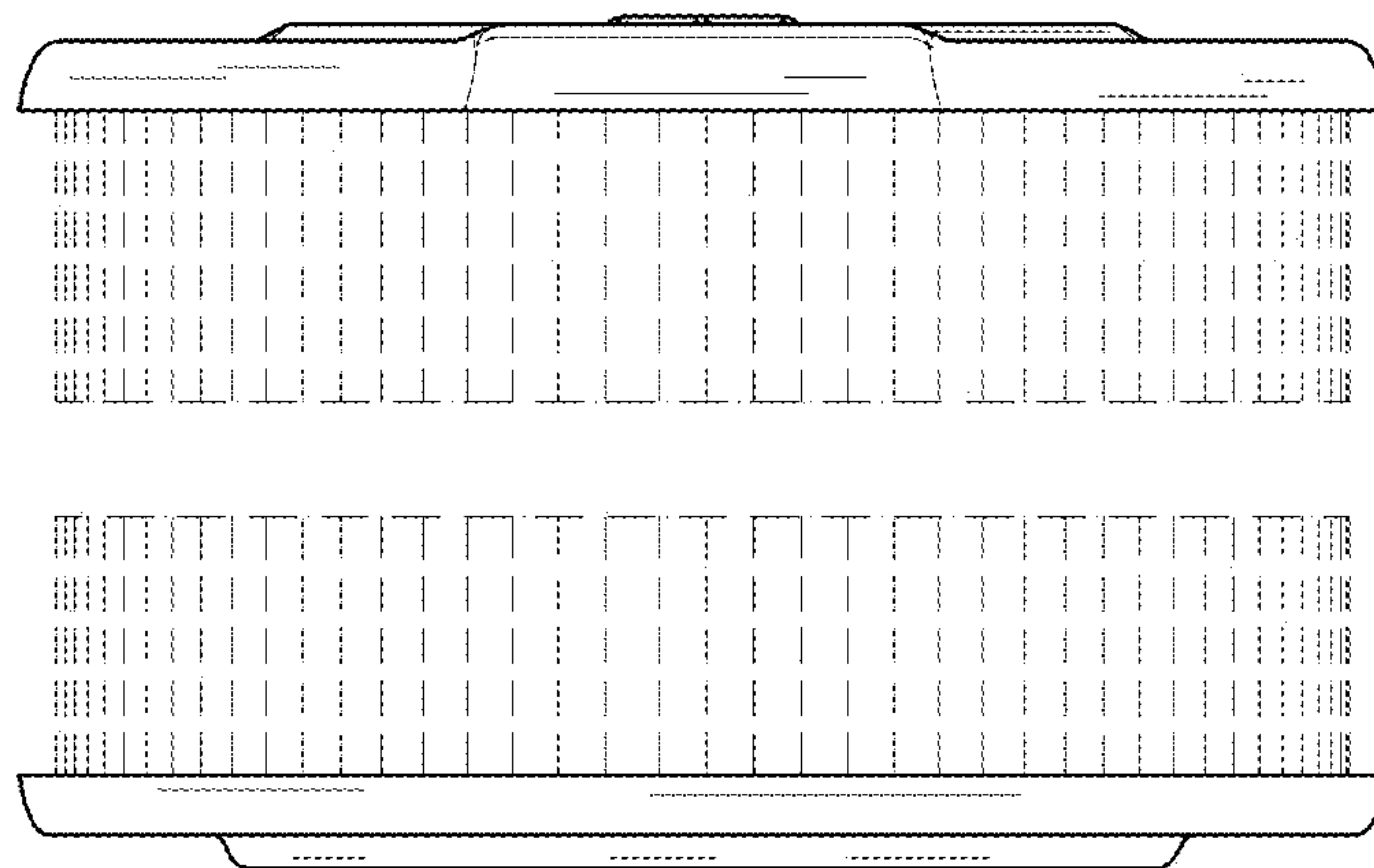


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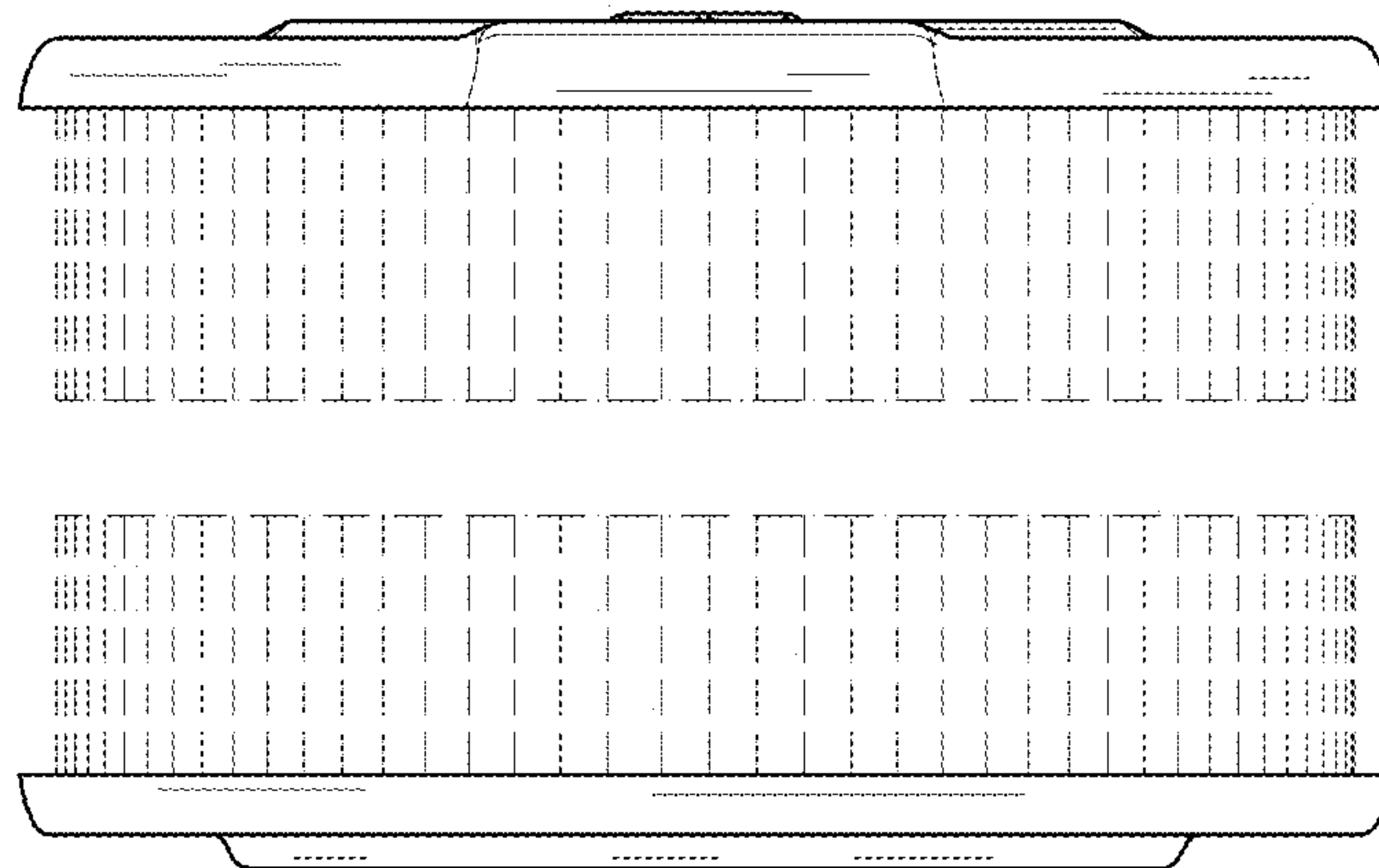


FIG. 24

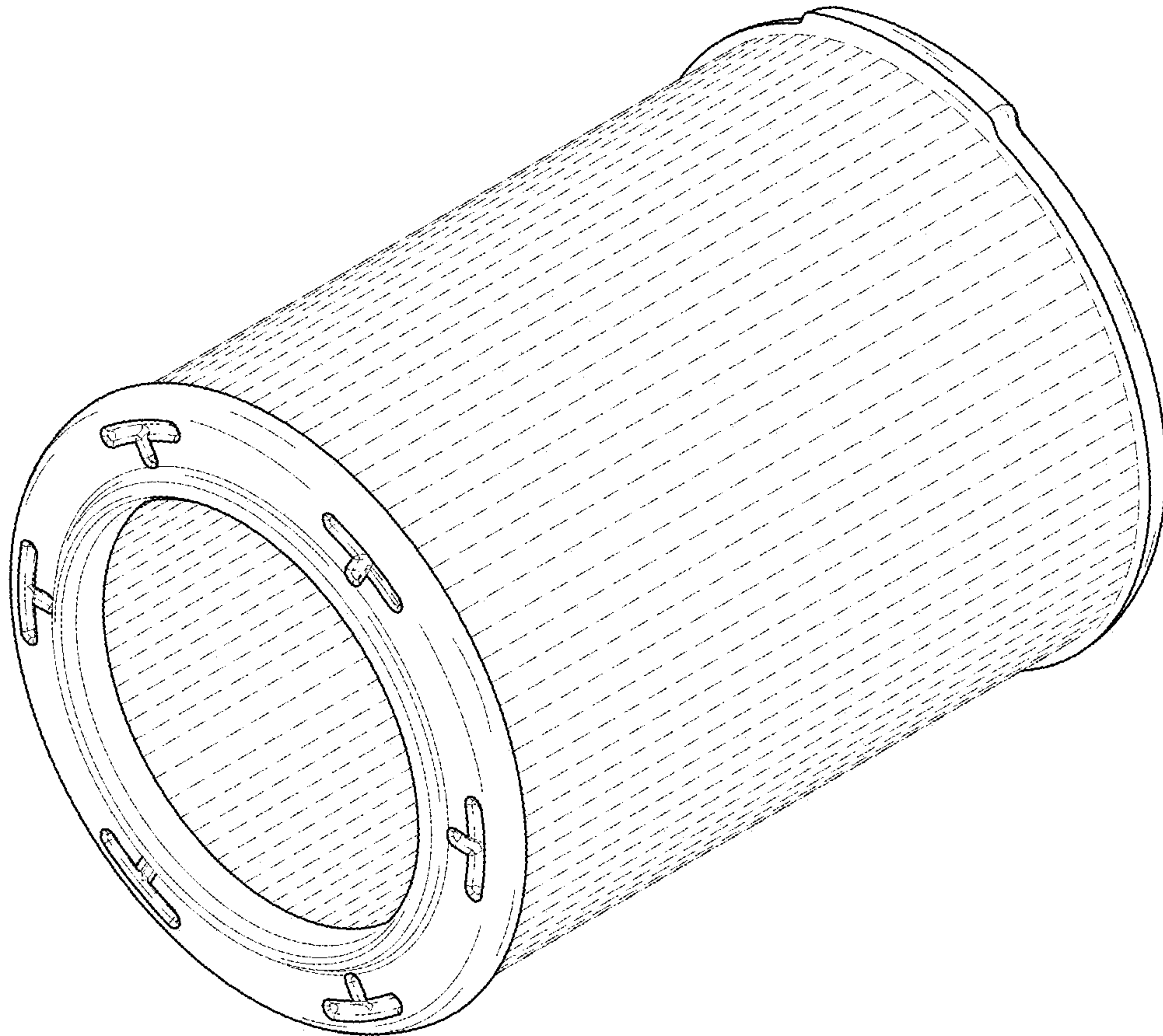


FIG. 25

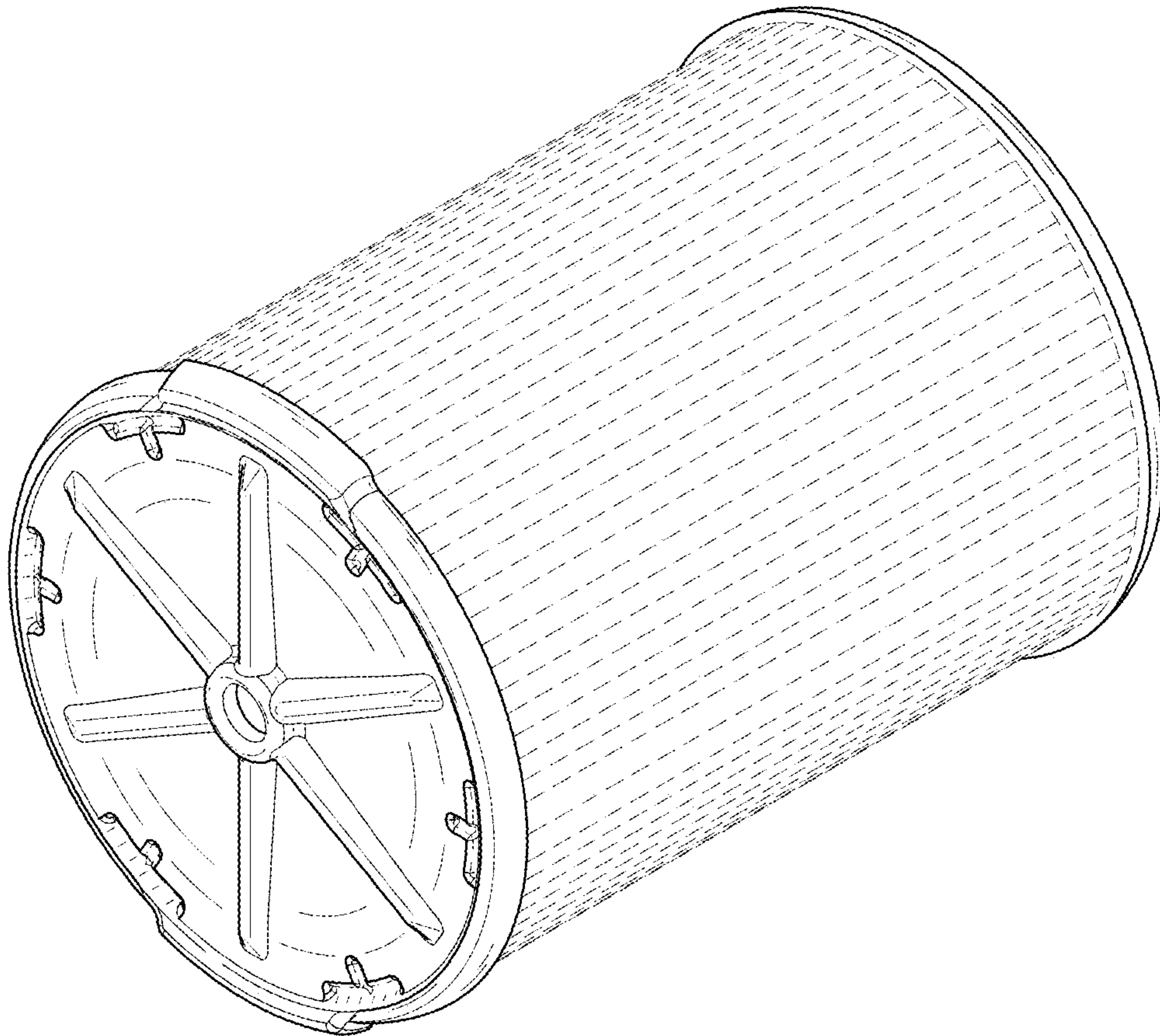


FIG. 26

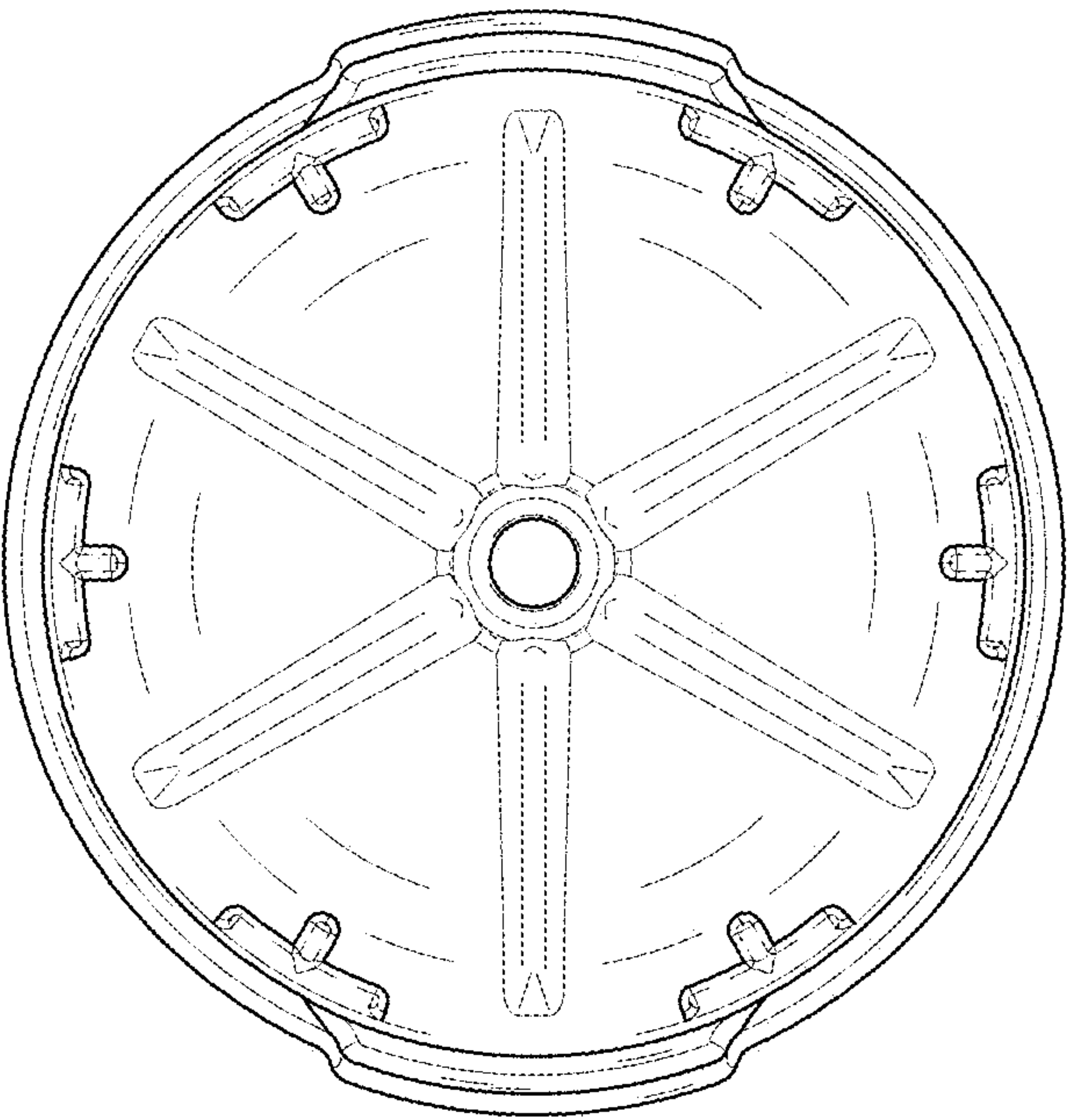


FIG. 27

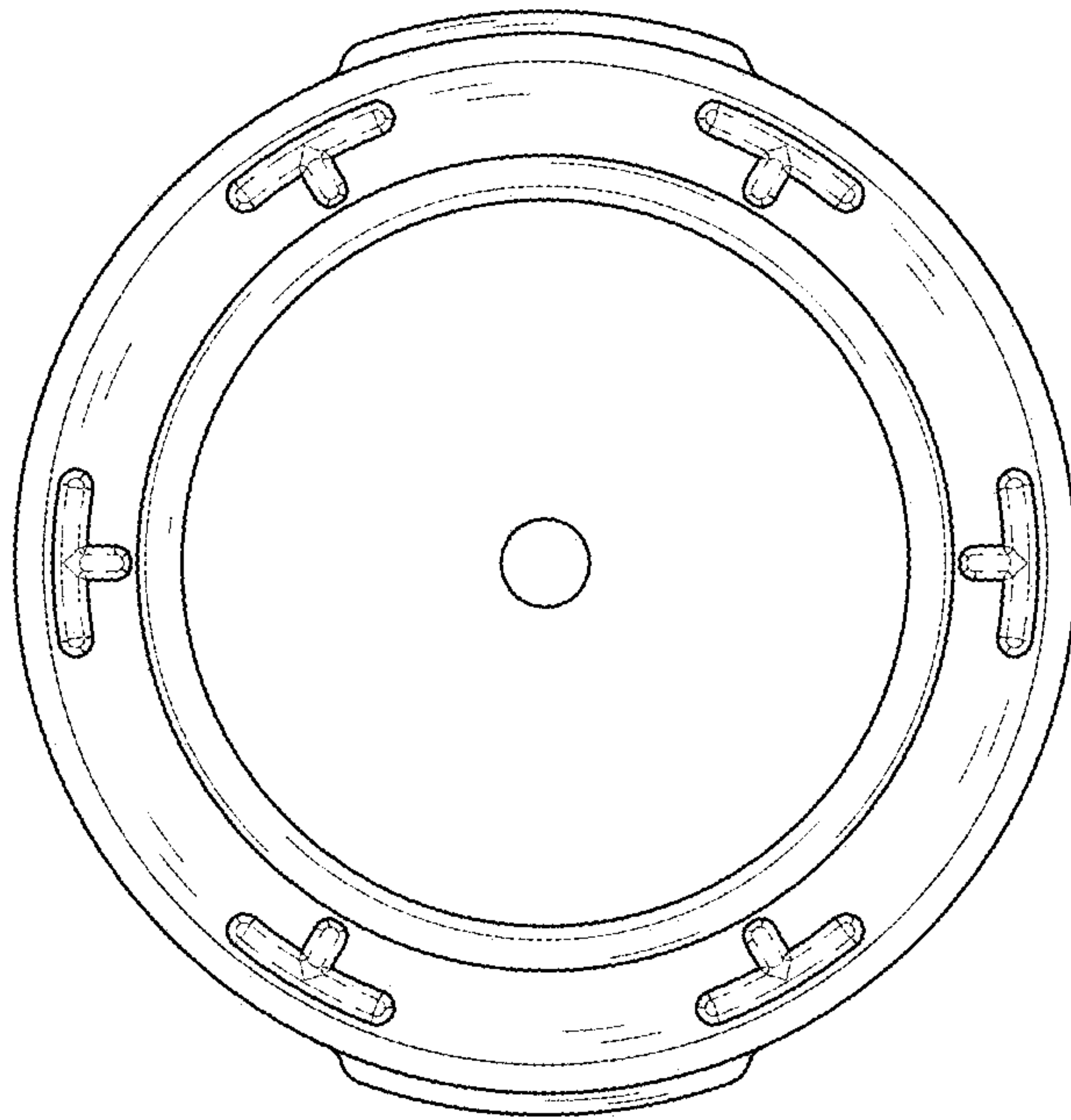


FIG. 28

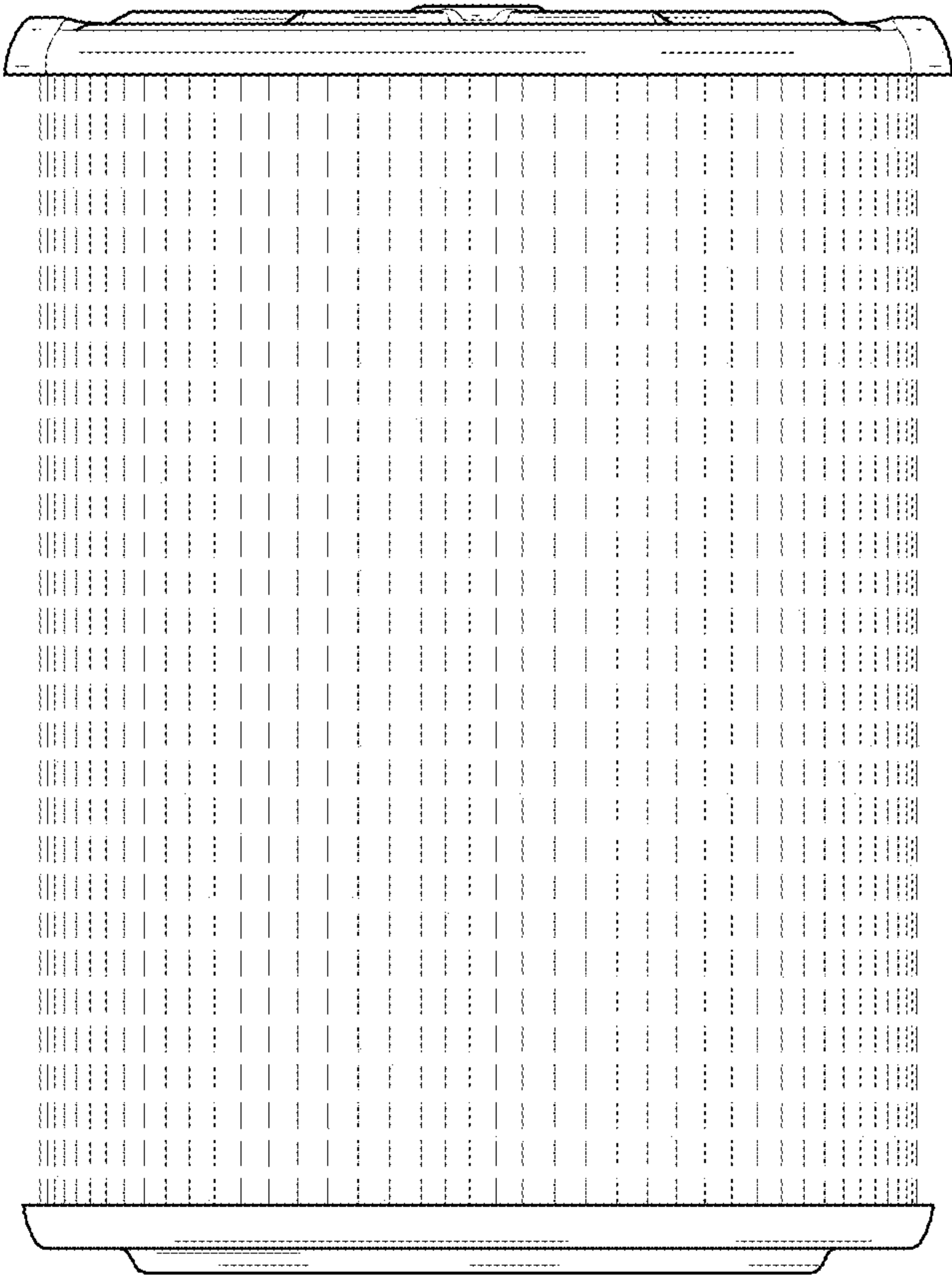


FIG. 29

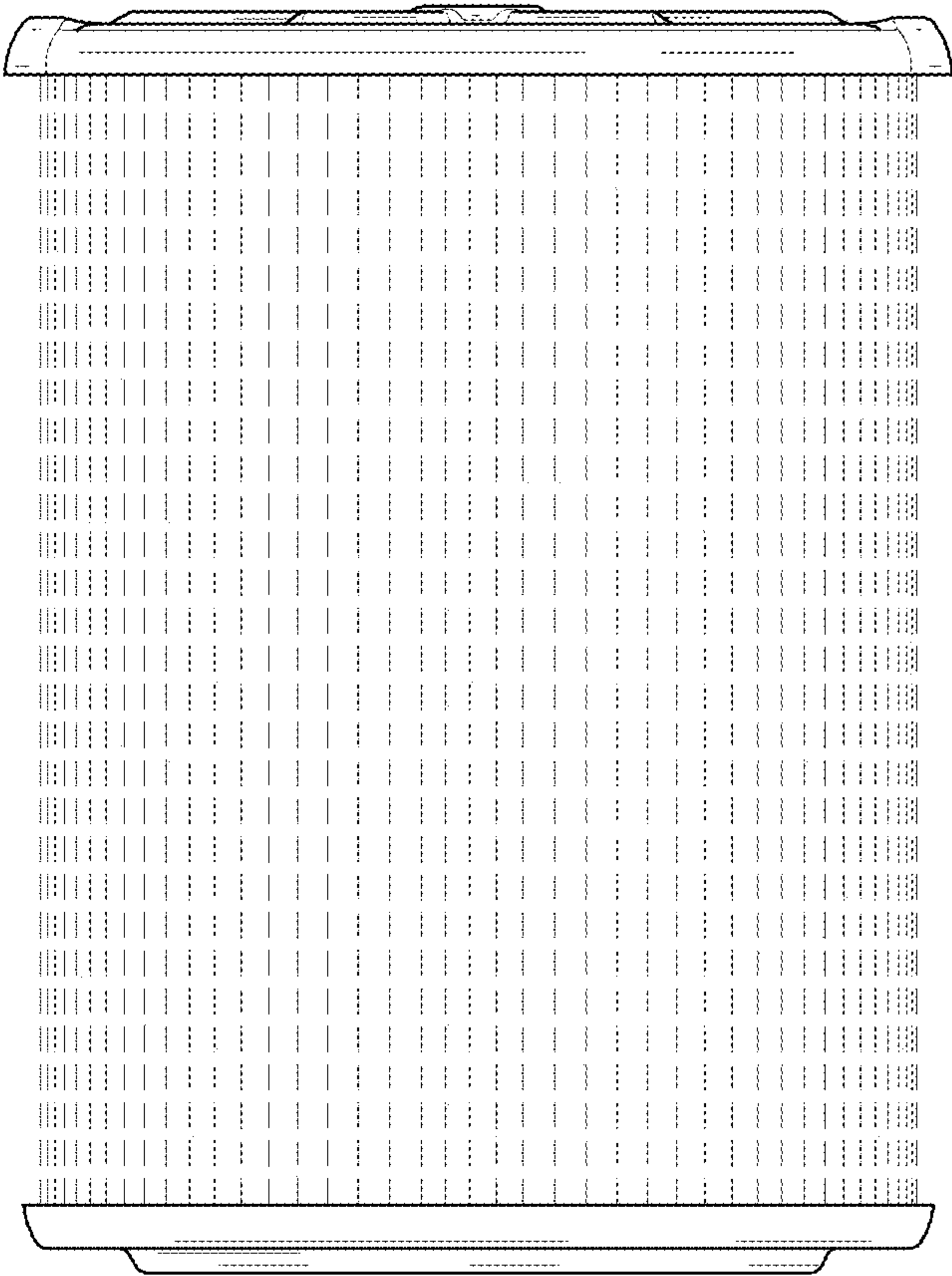


FIG. 30

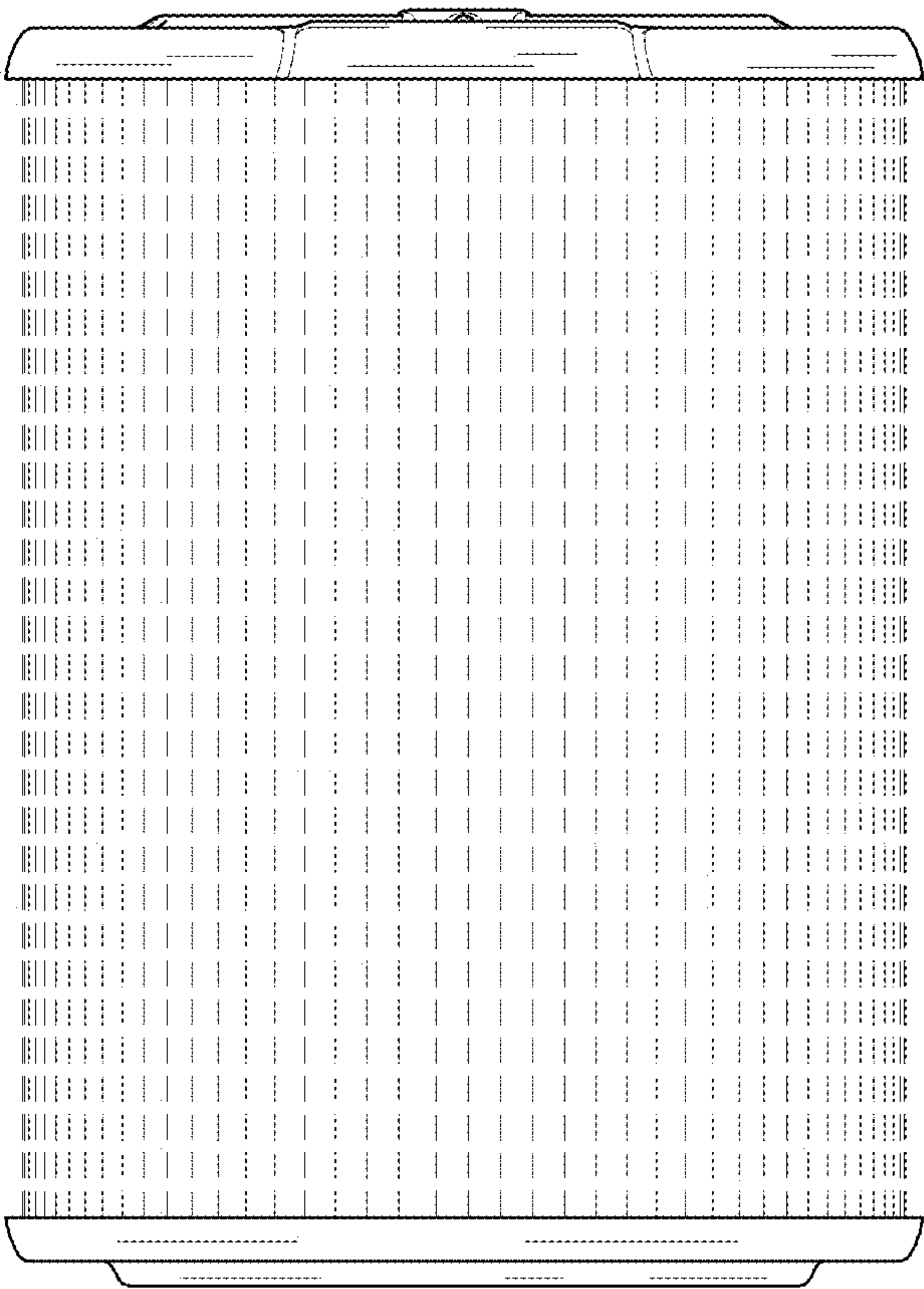


FIG. 31

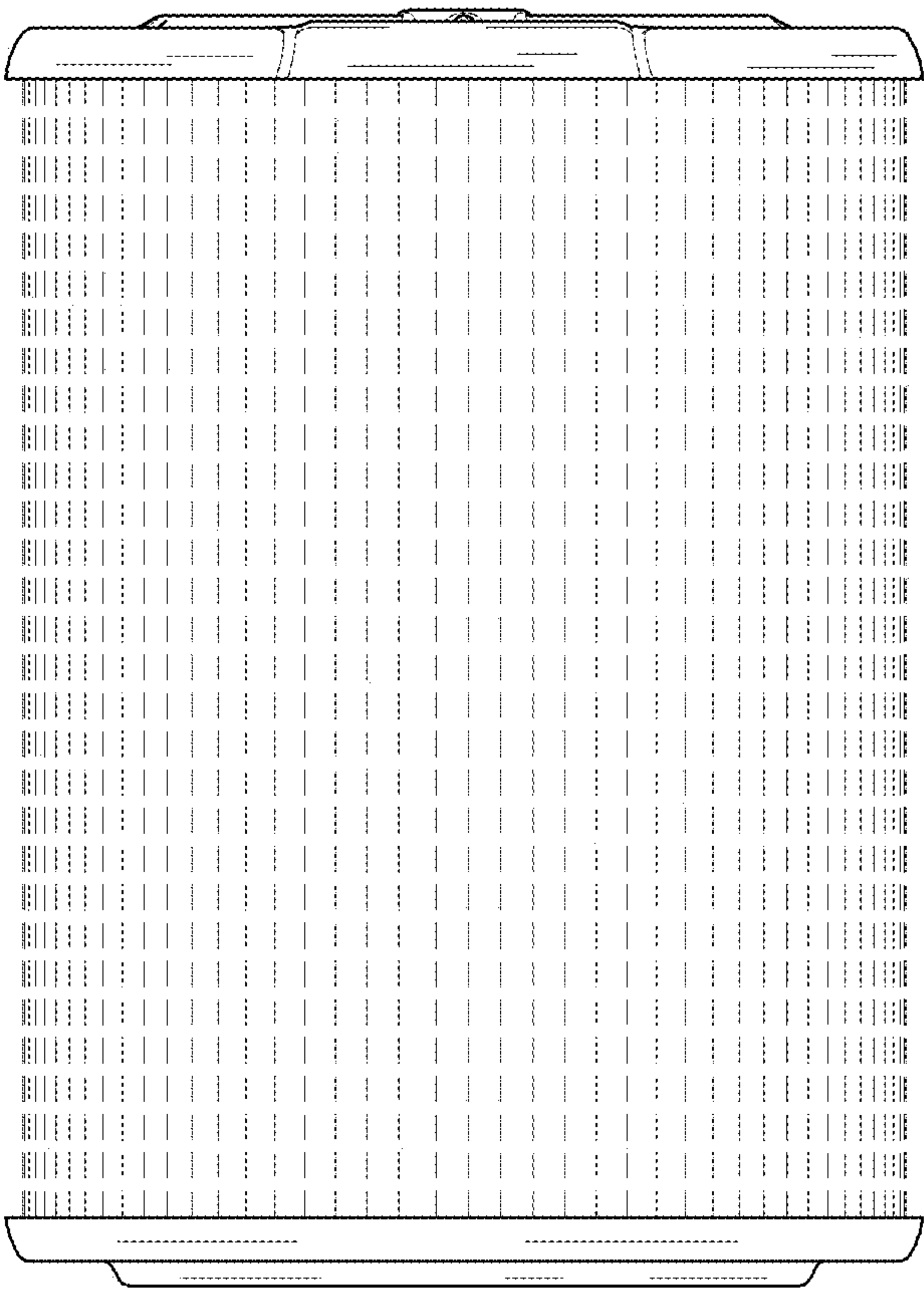


FIG. 32

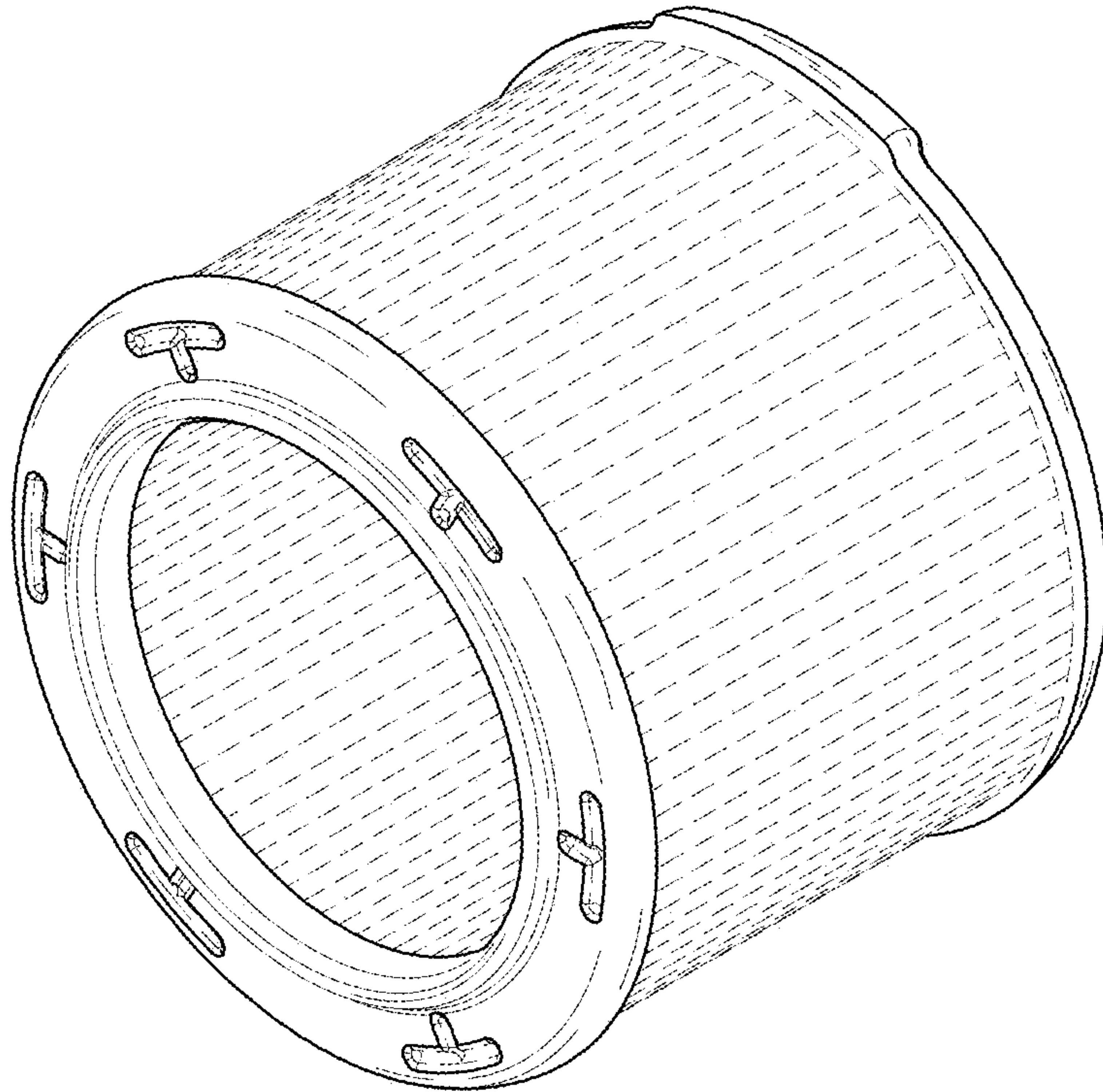


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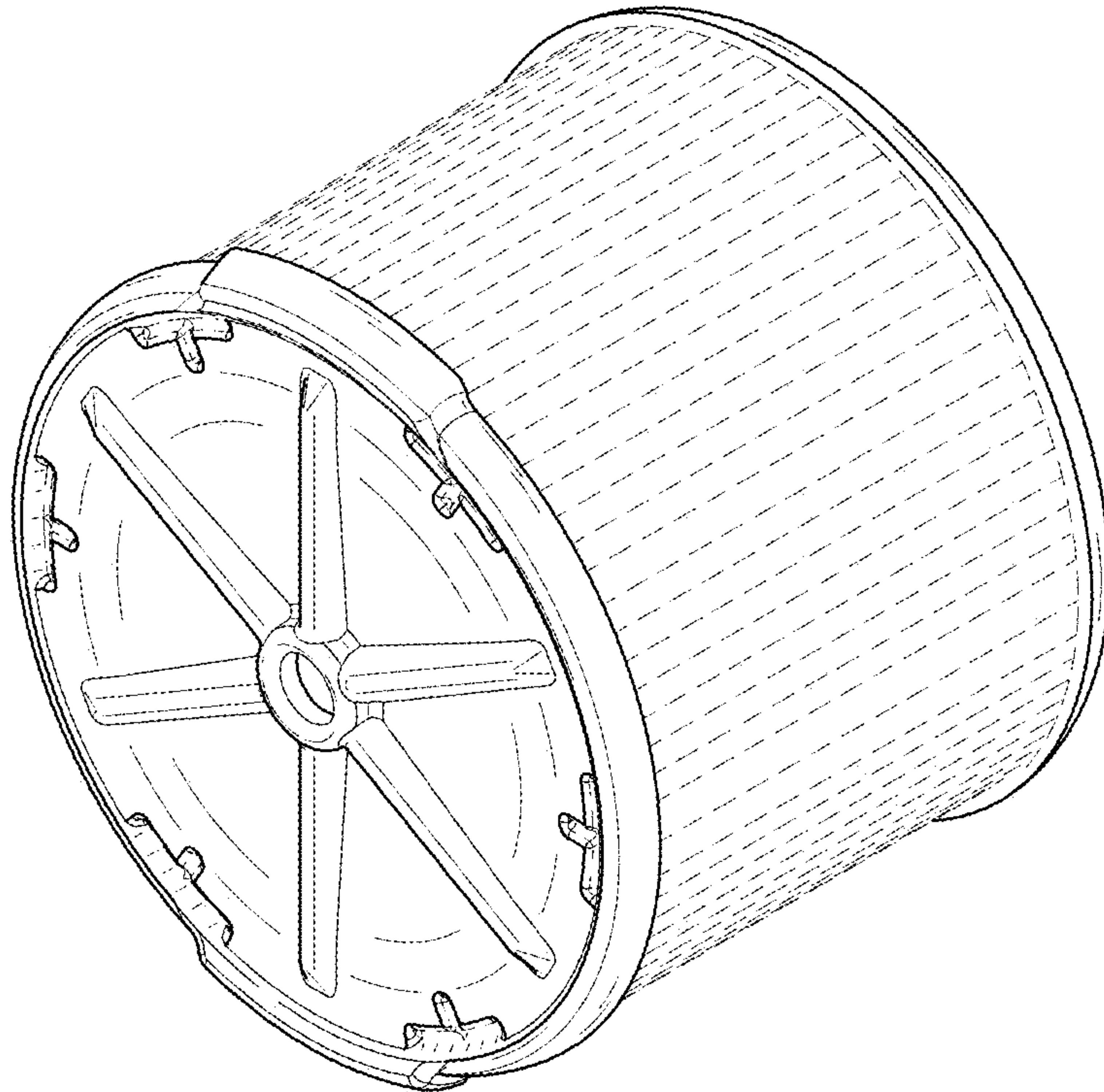


FIG. 34

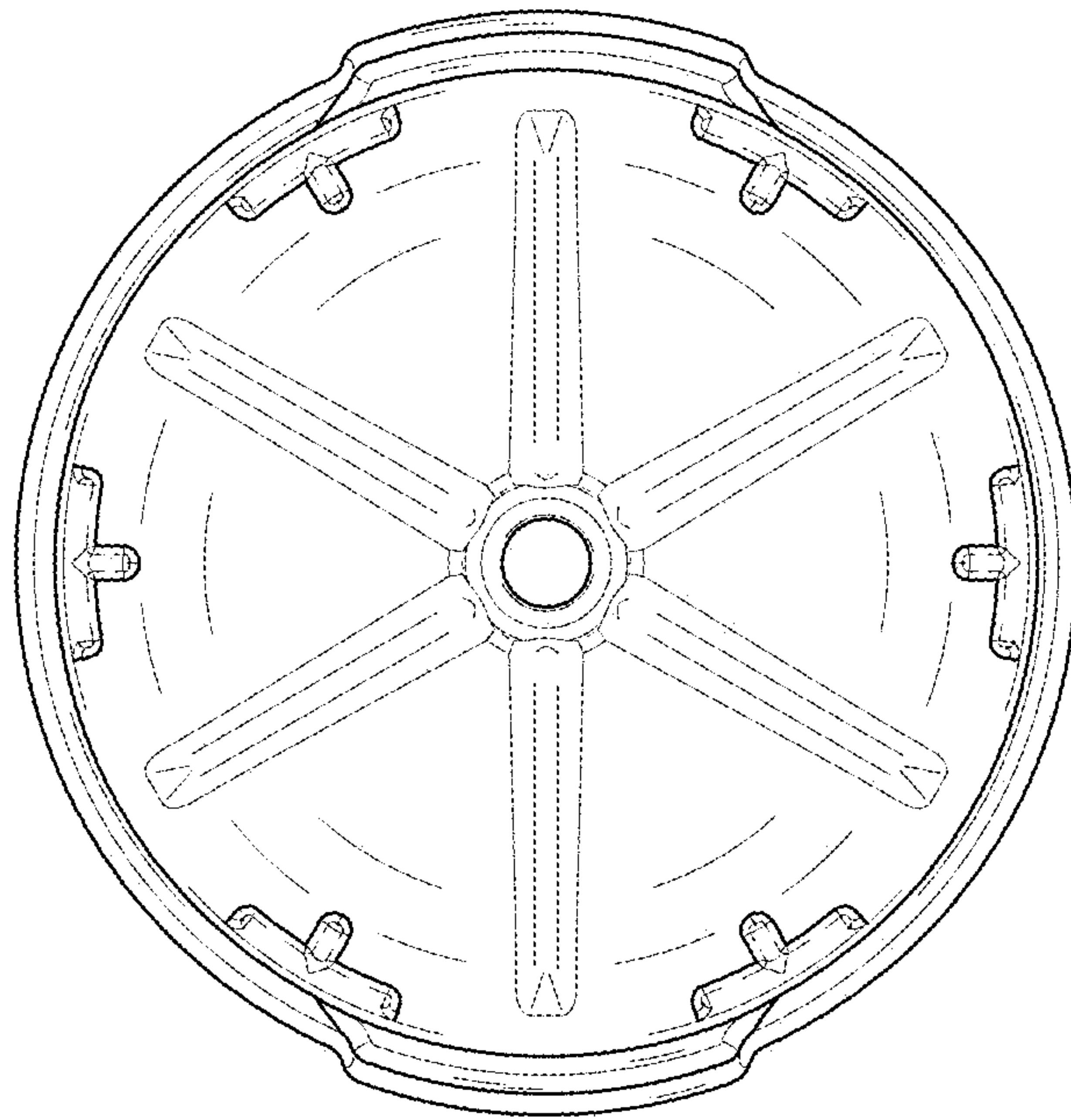


FIG. 35

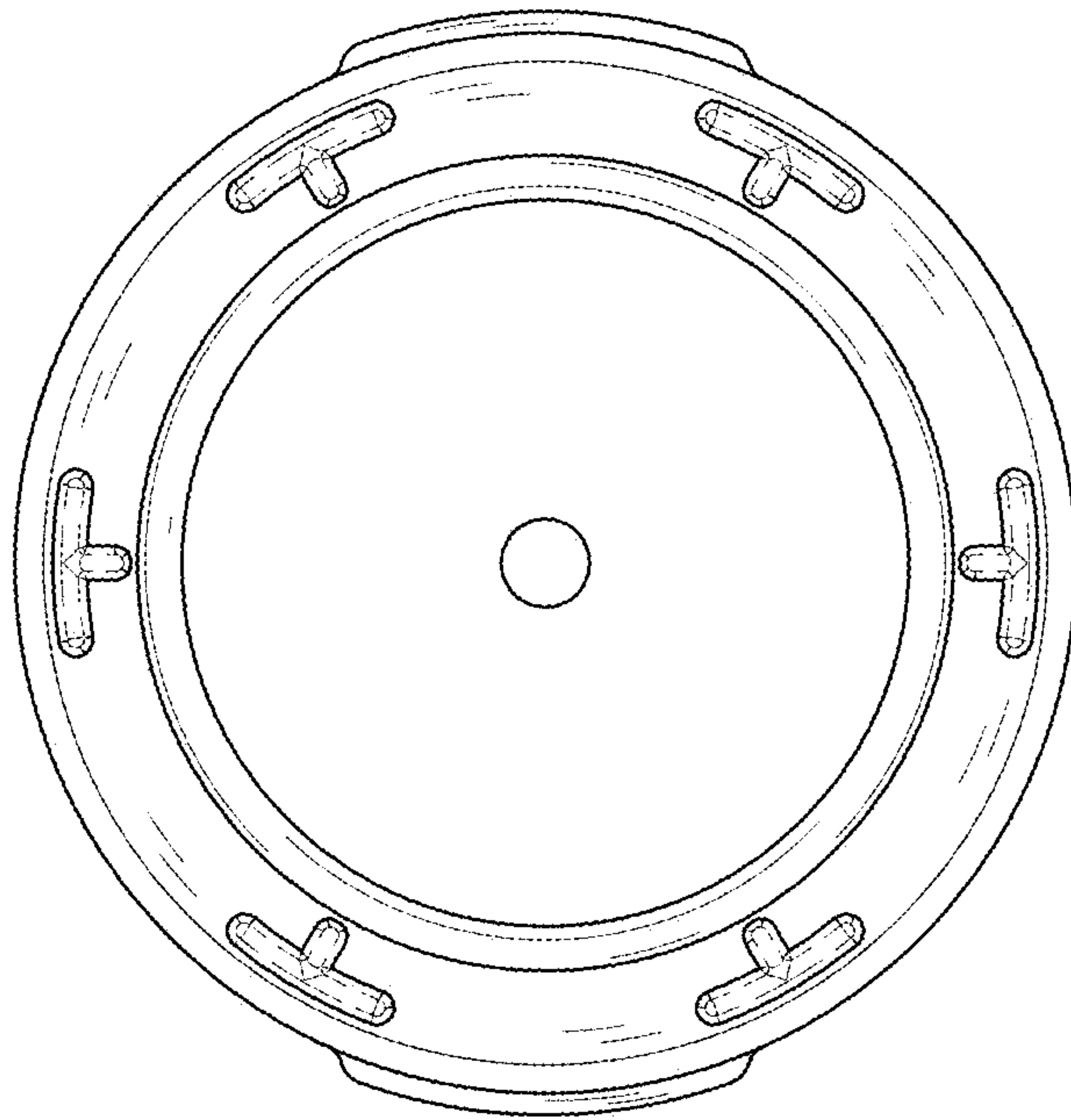


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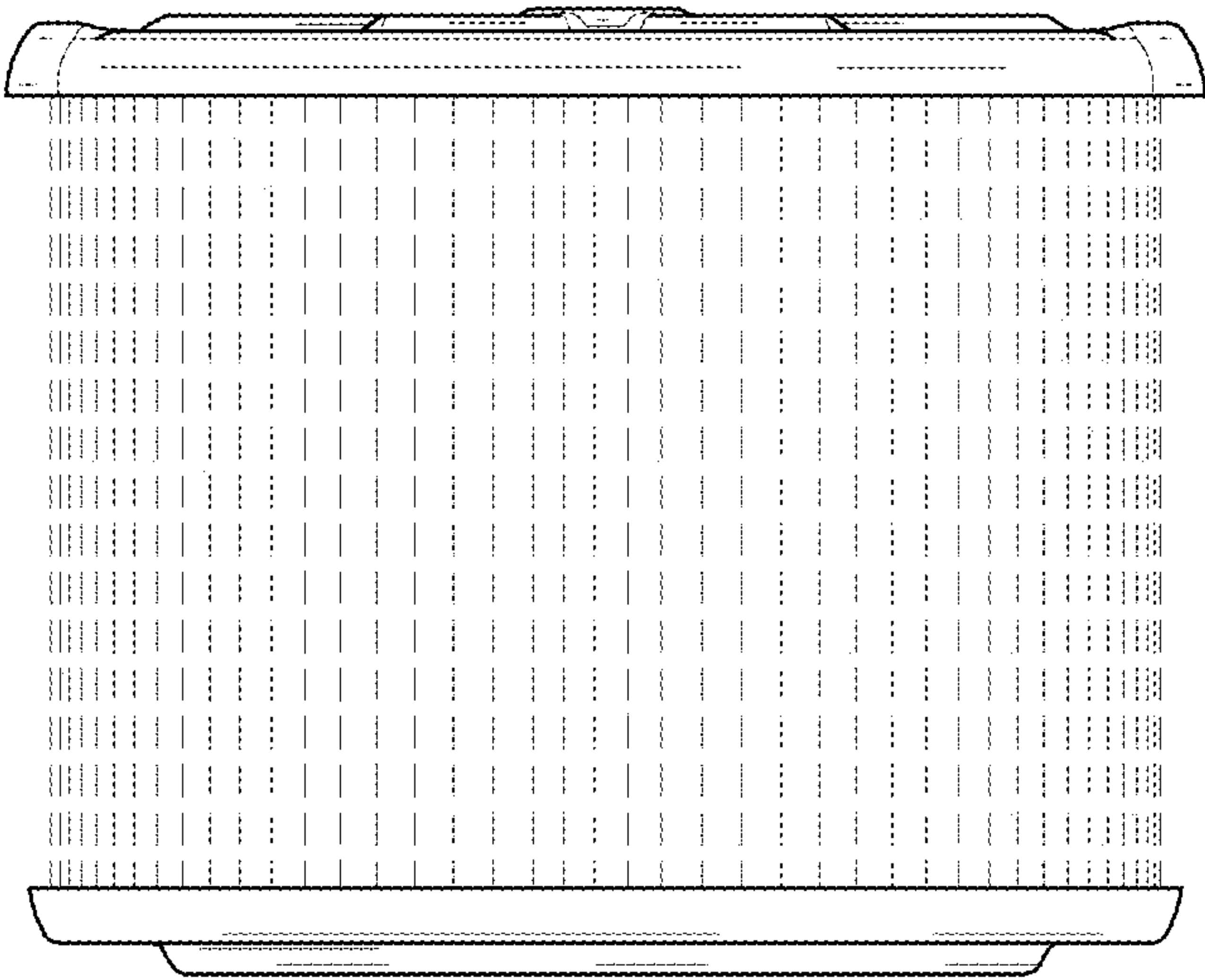


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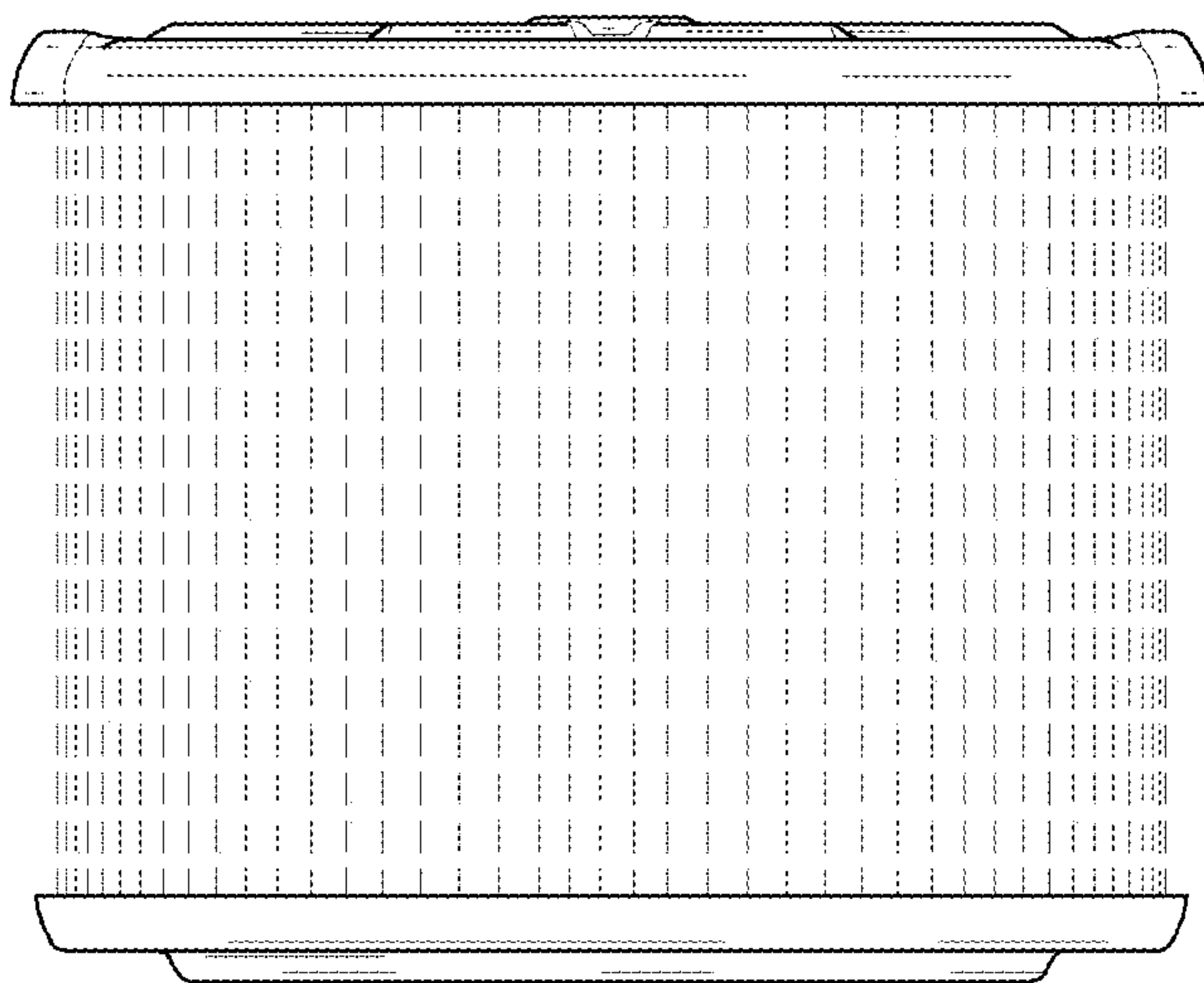


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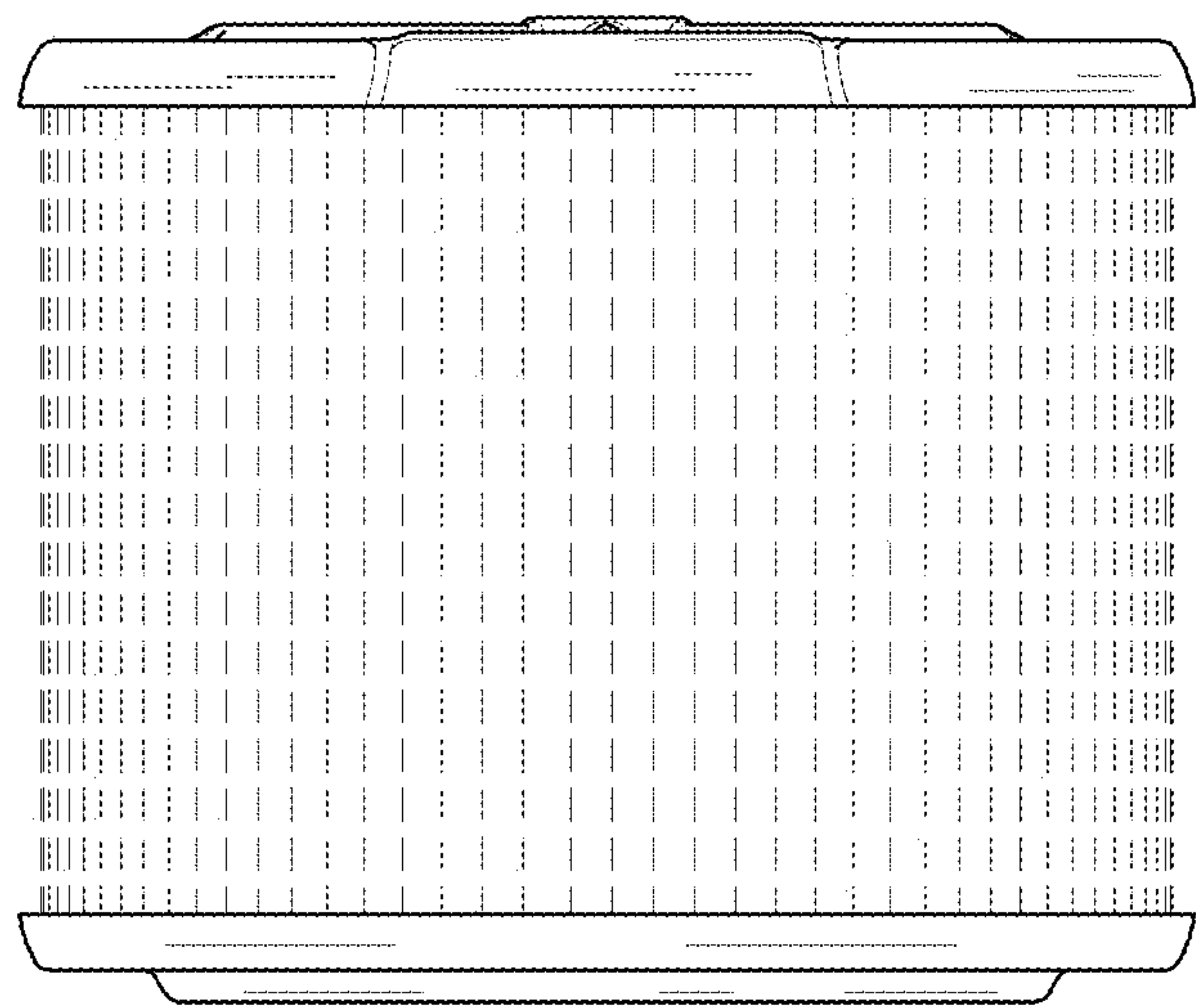


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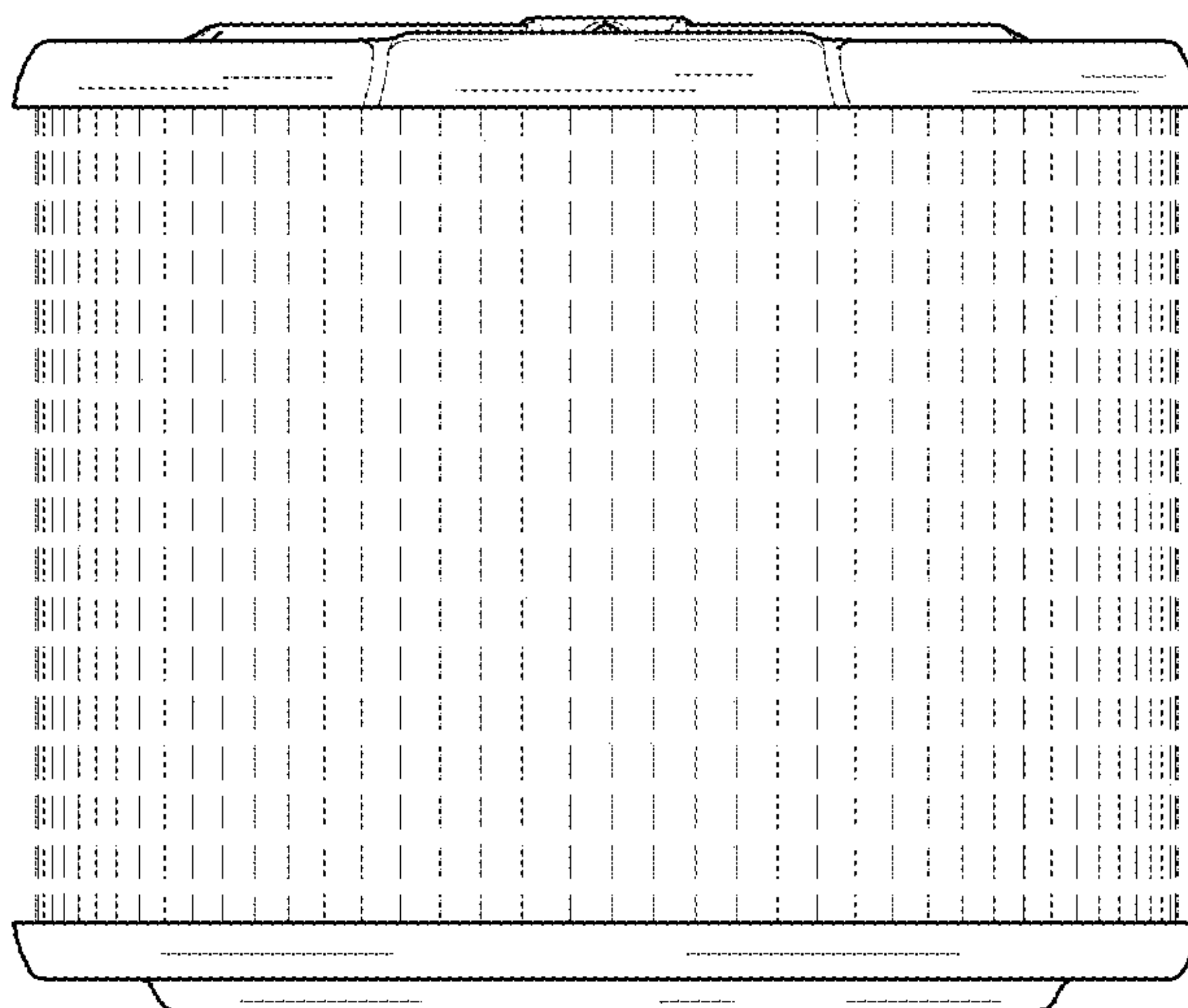


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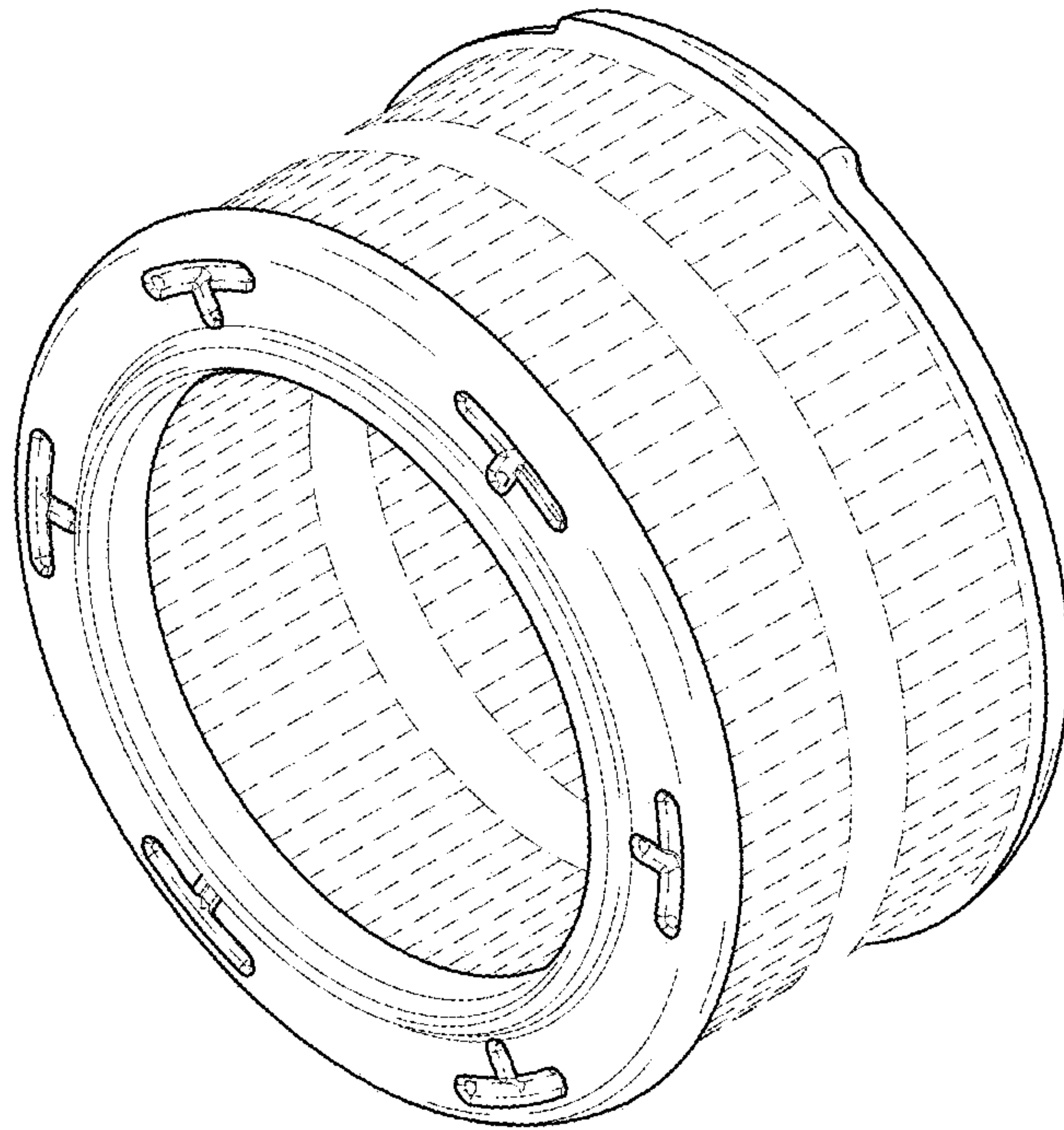


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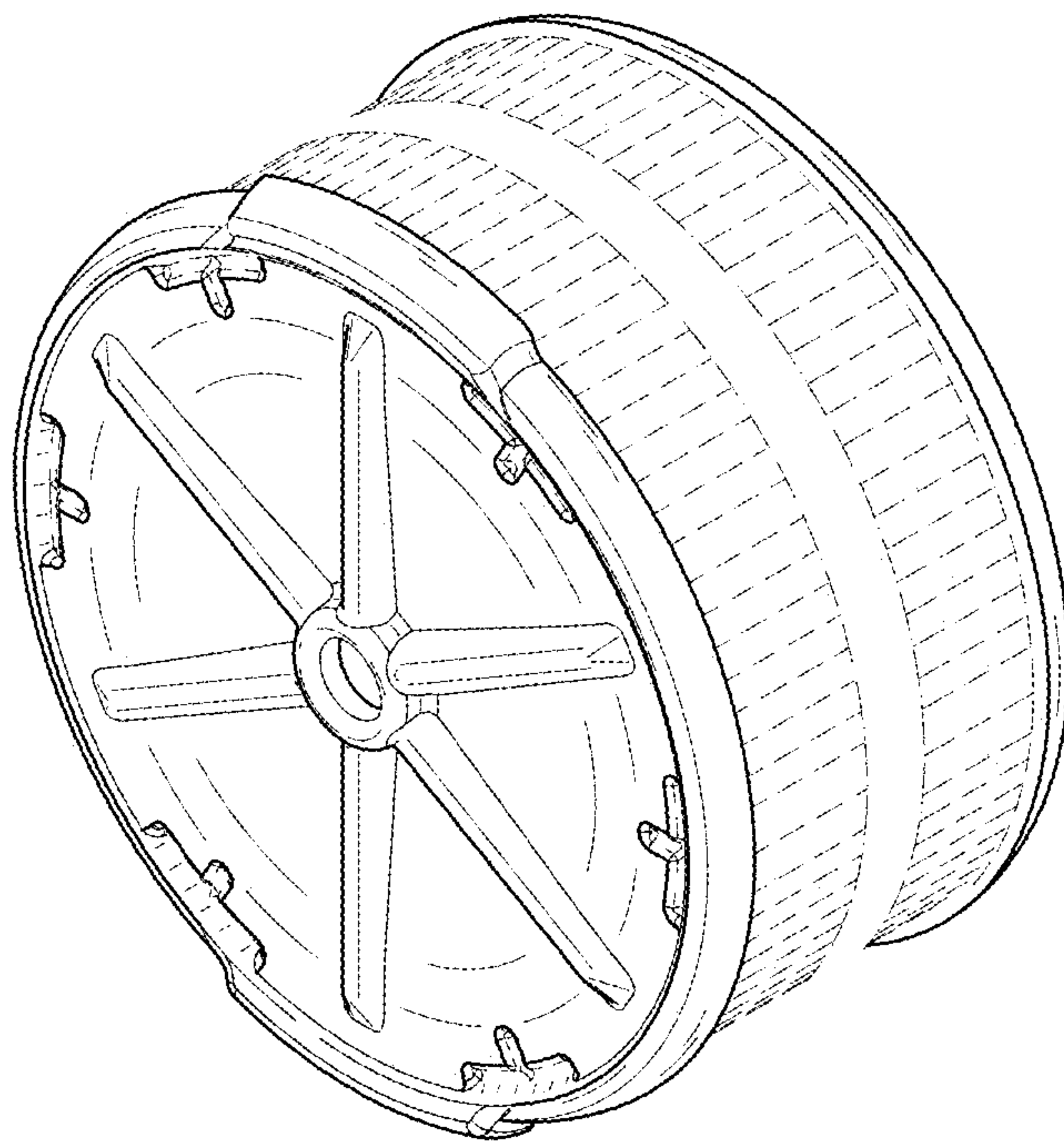


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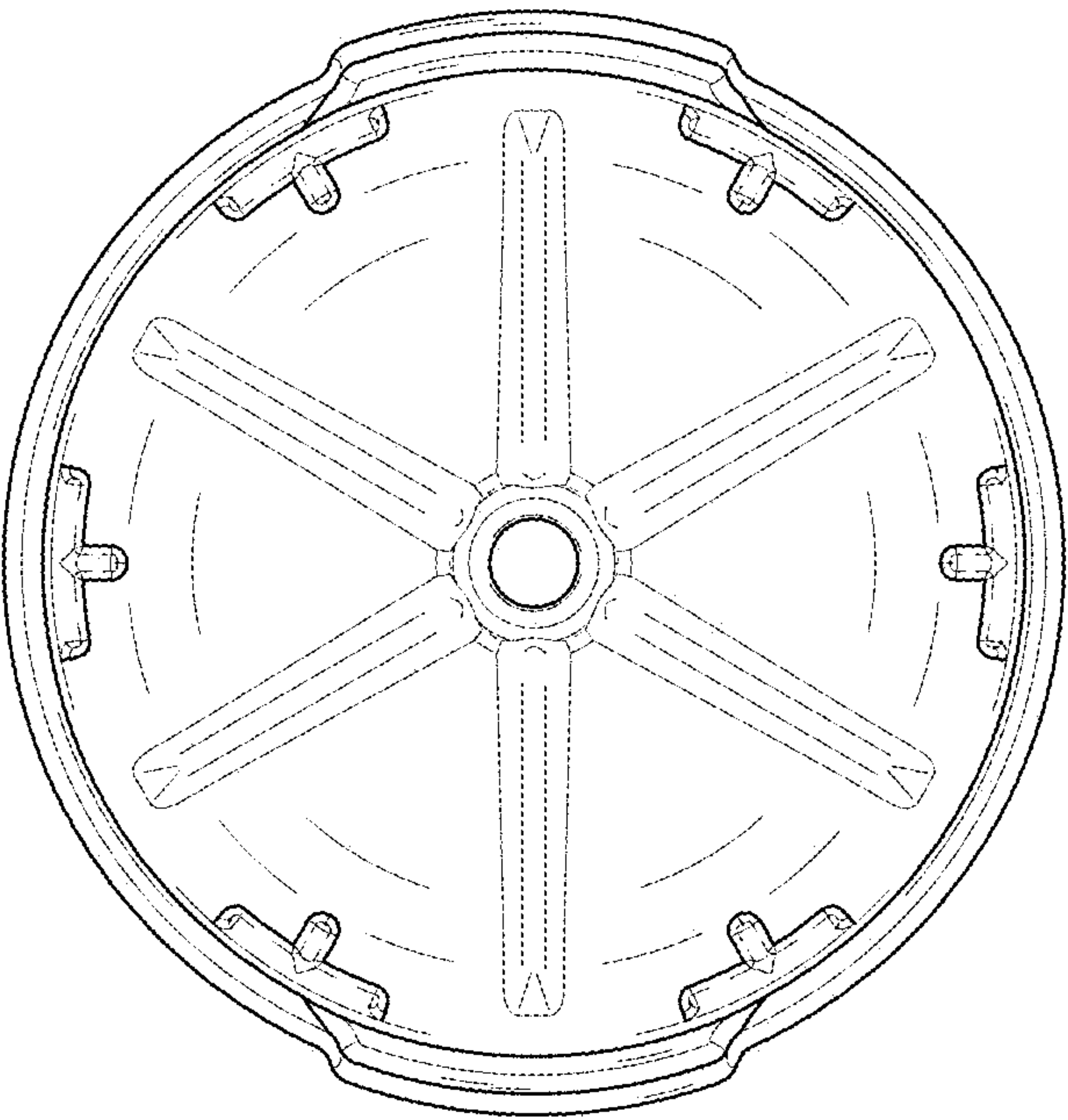


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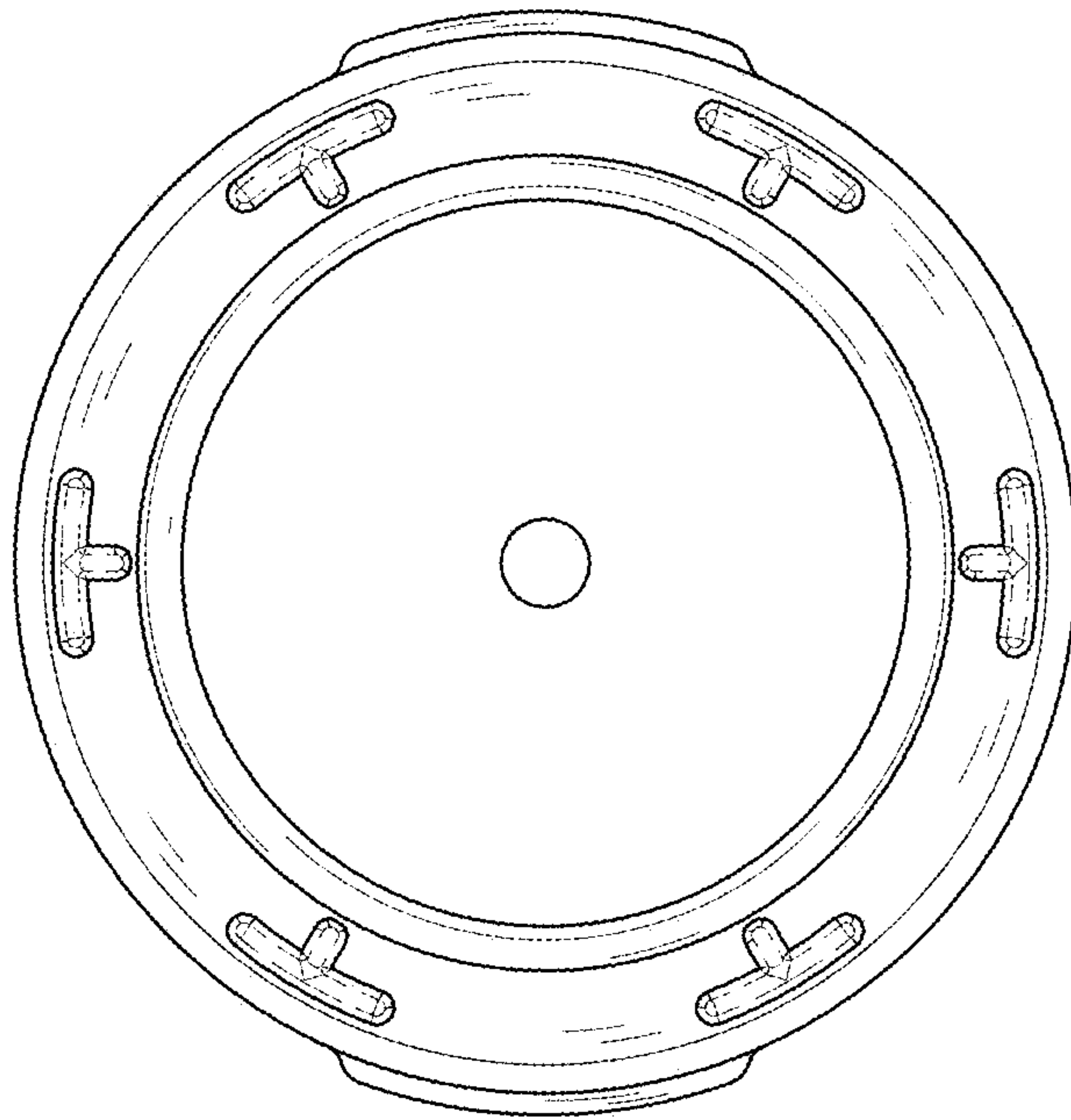


FIG. 44

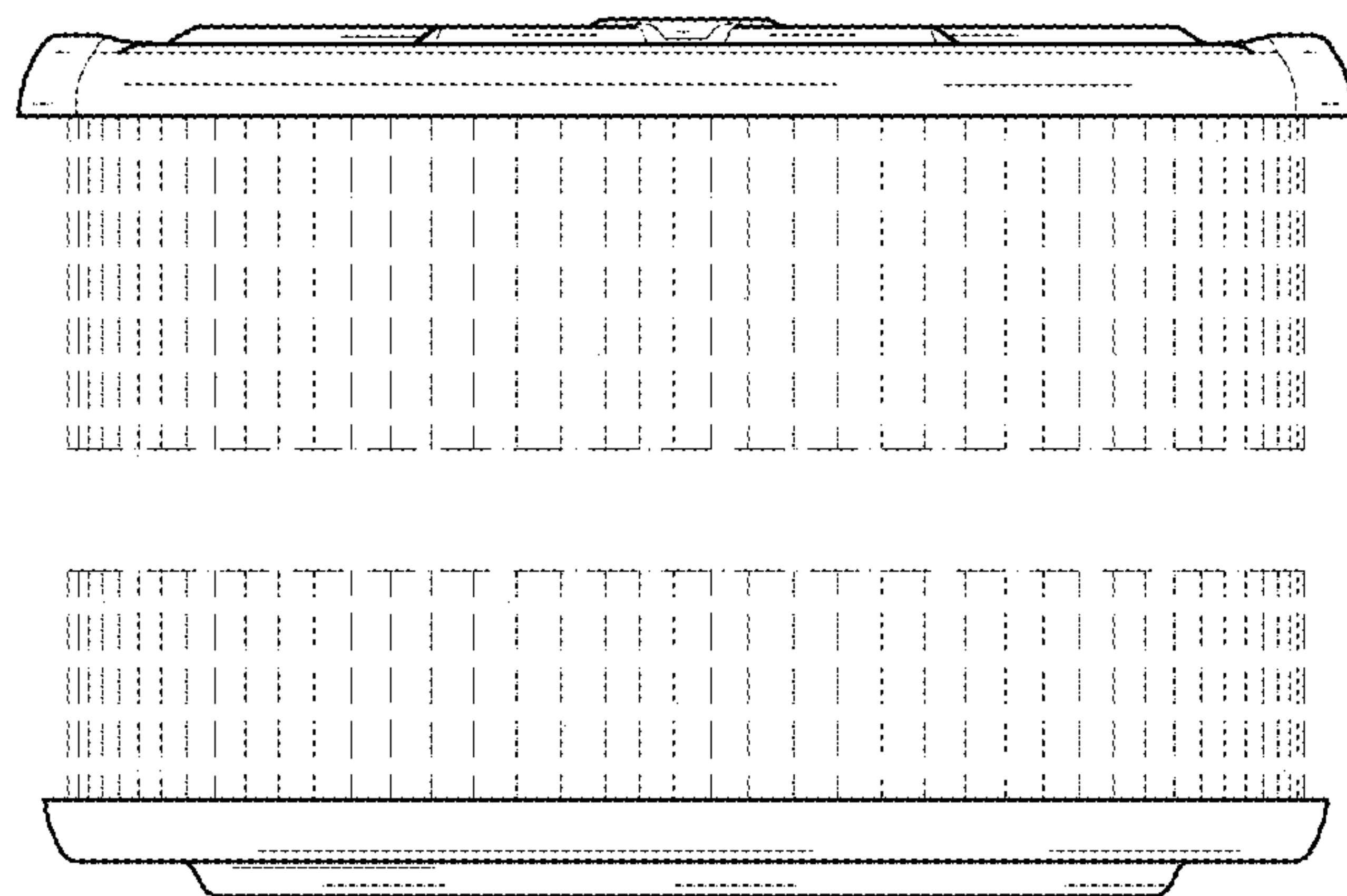


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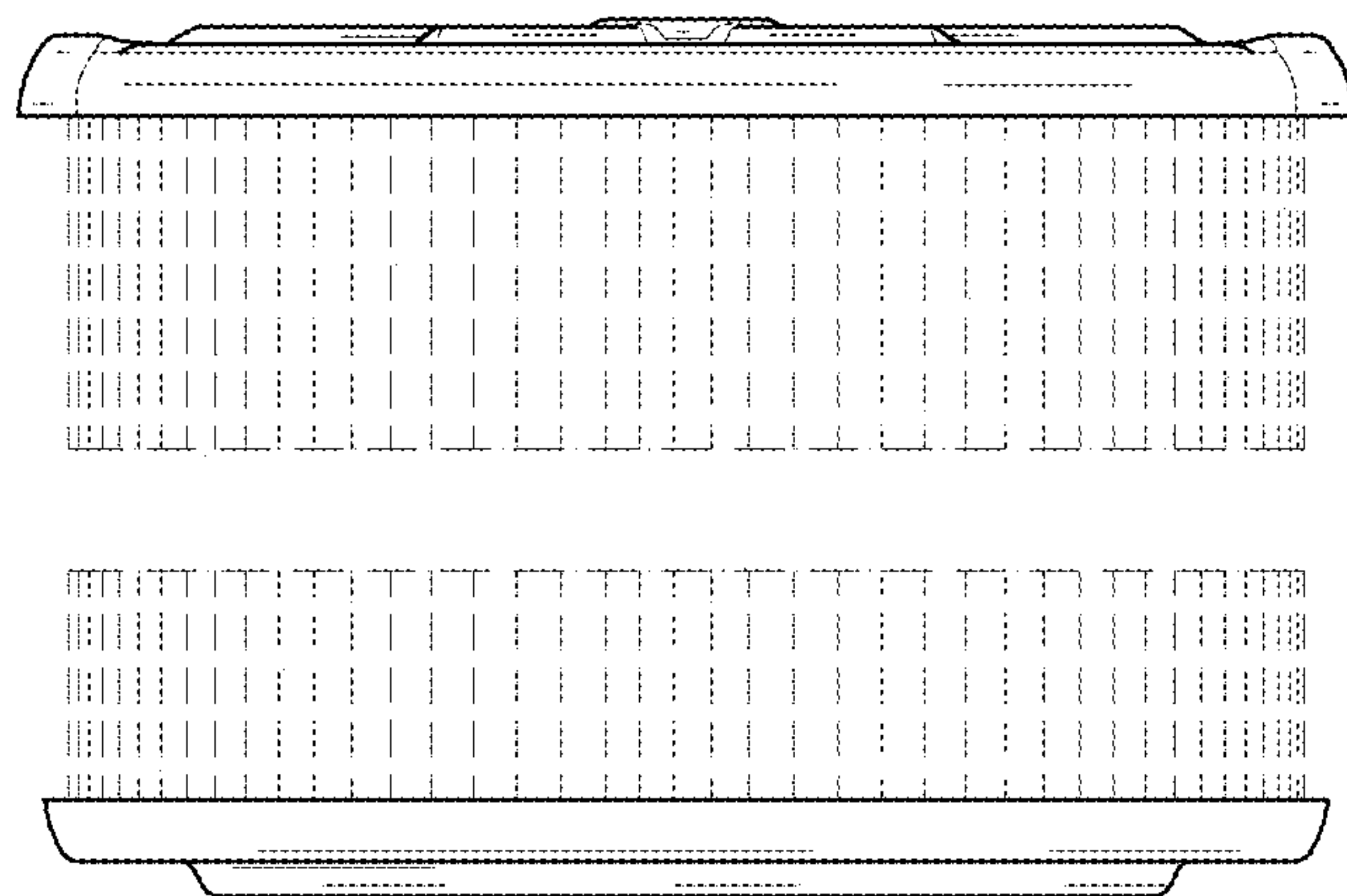


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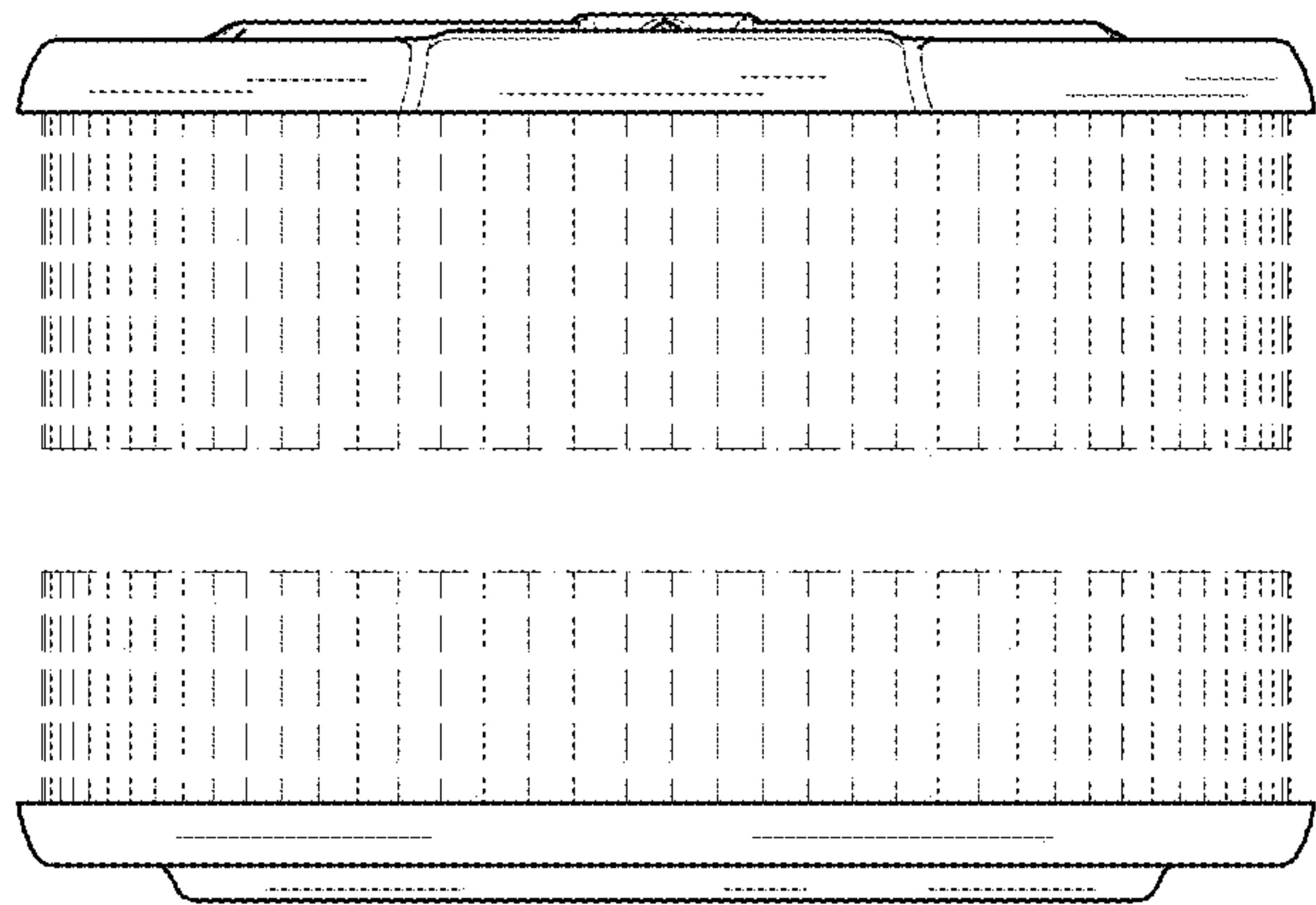


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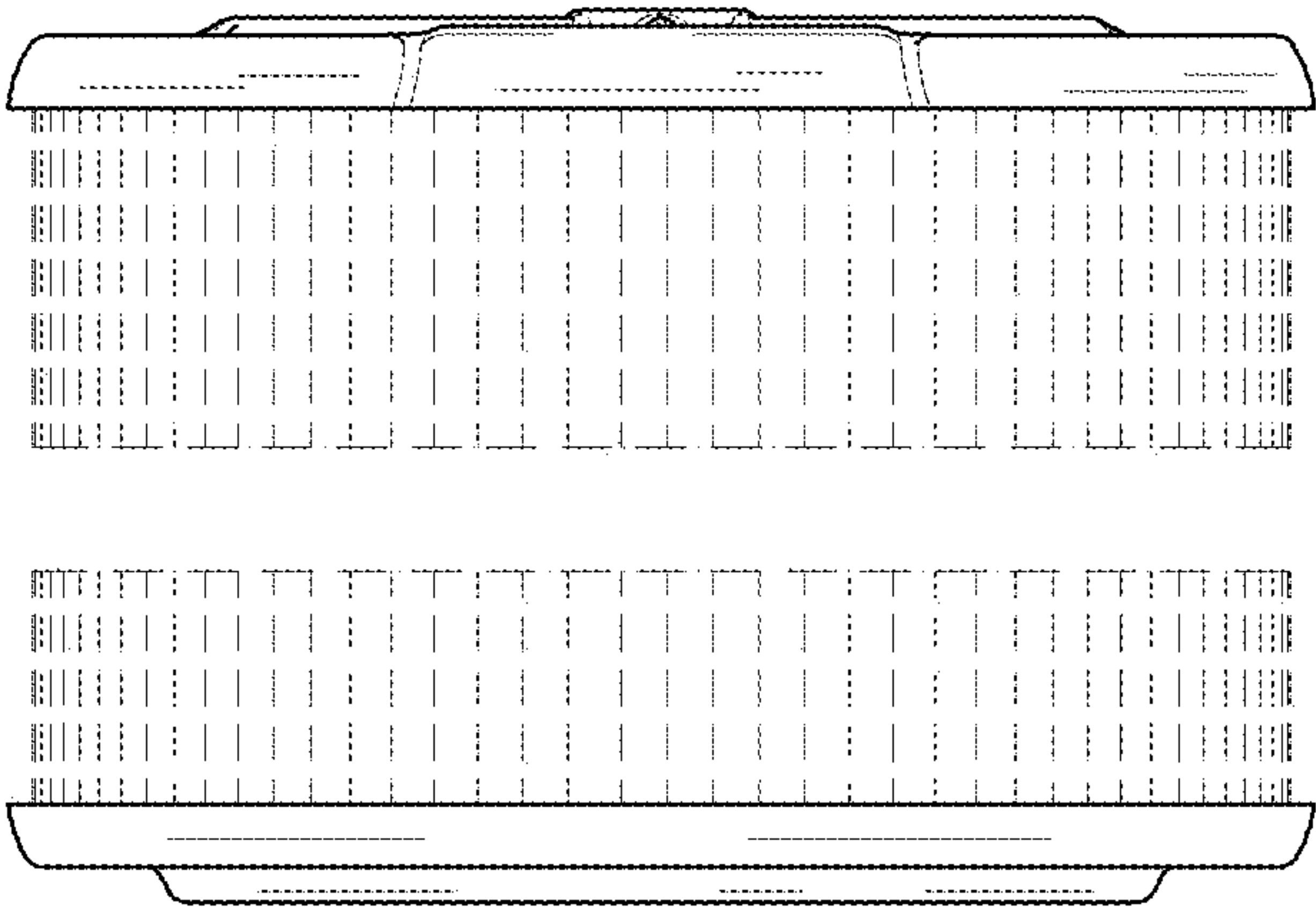


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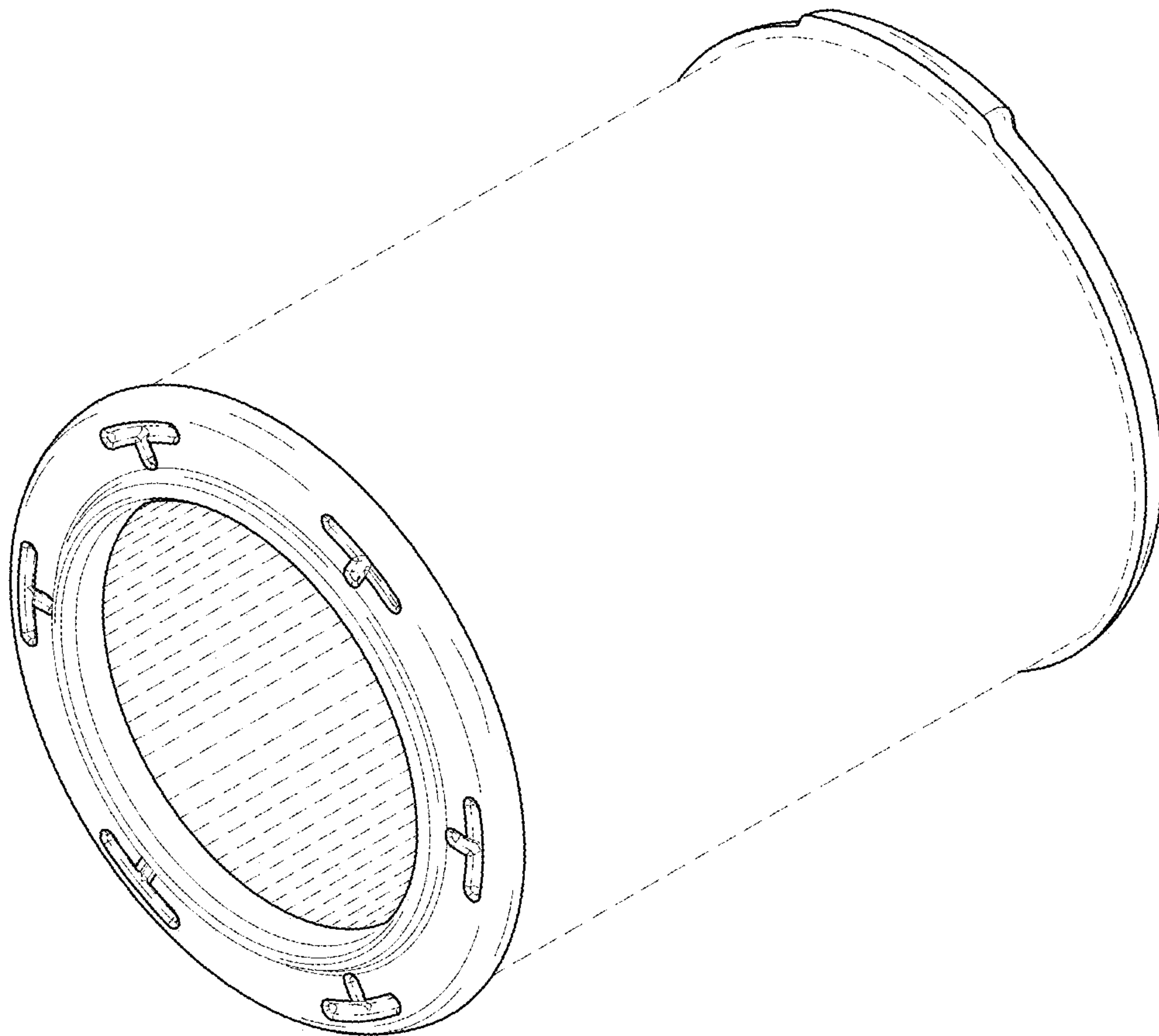


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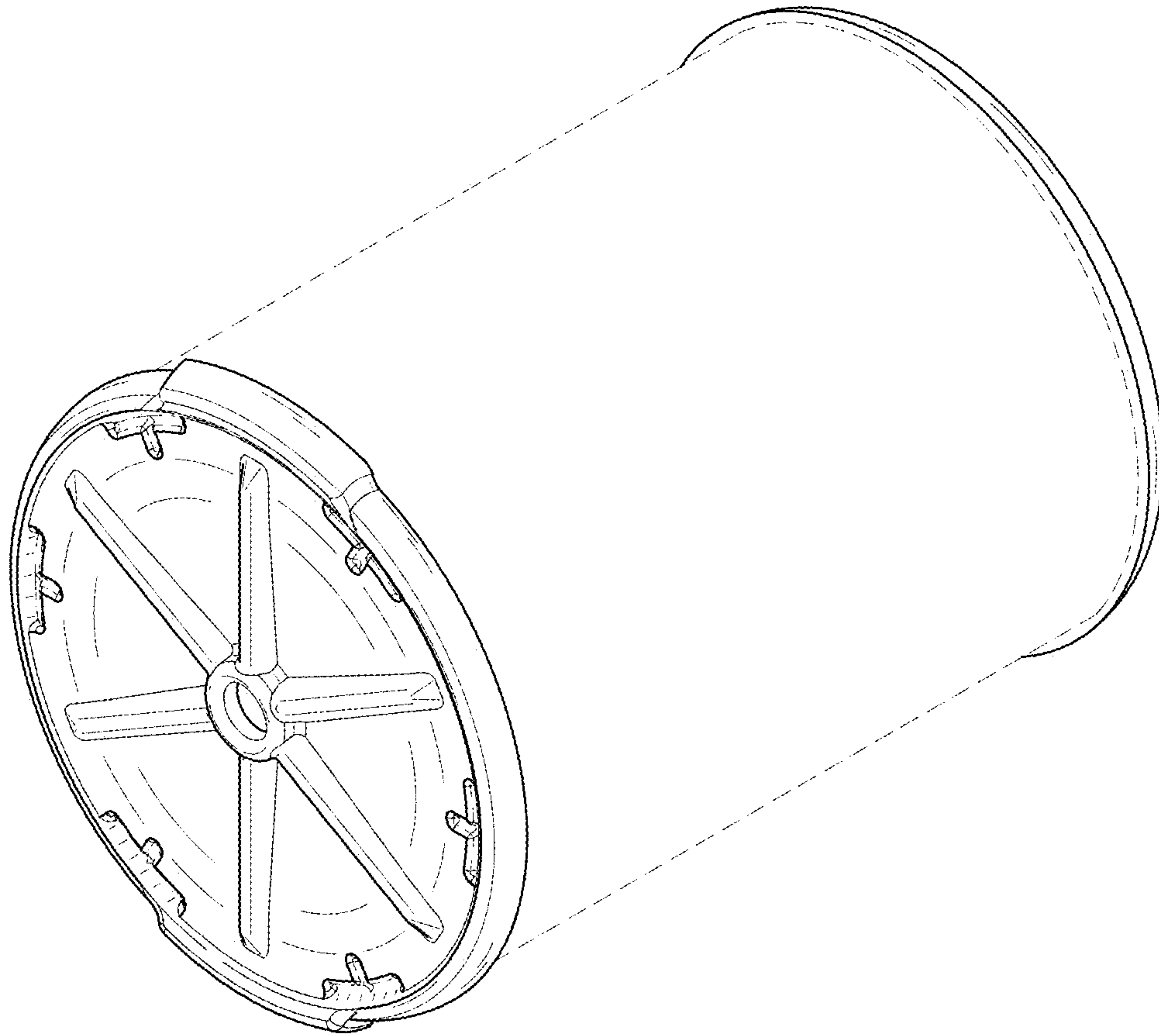


FIG. 50

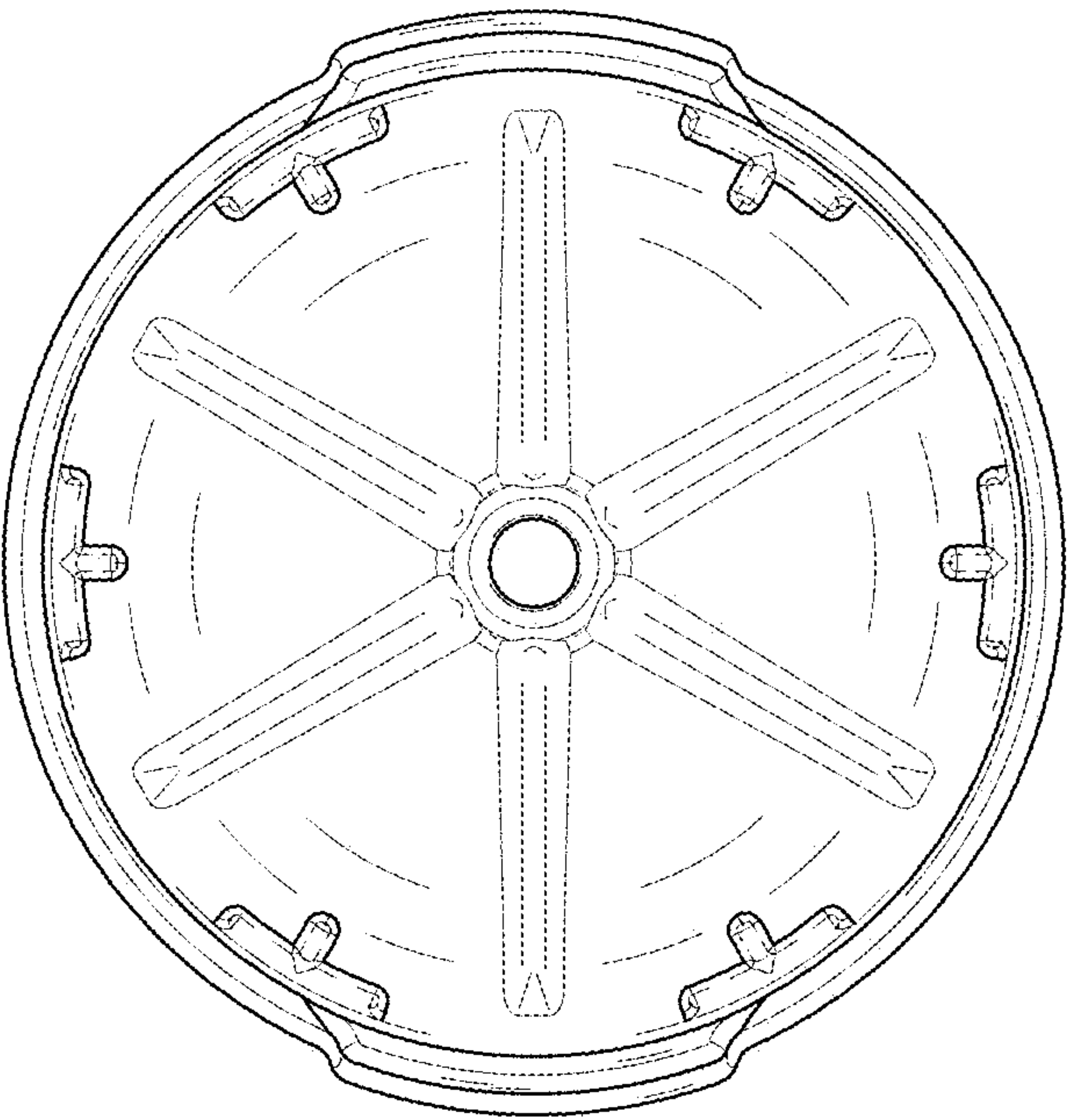


FIG. 51

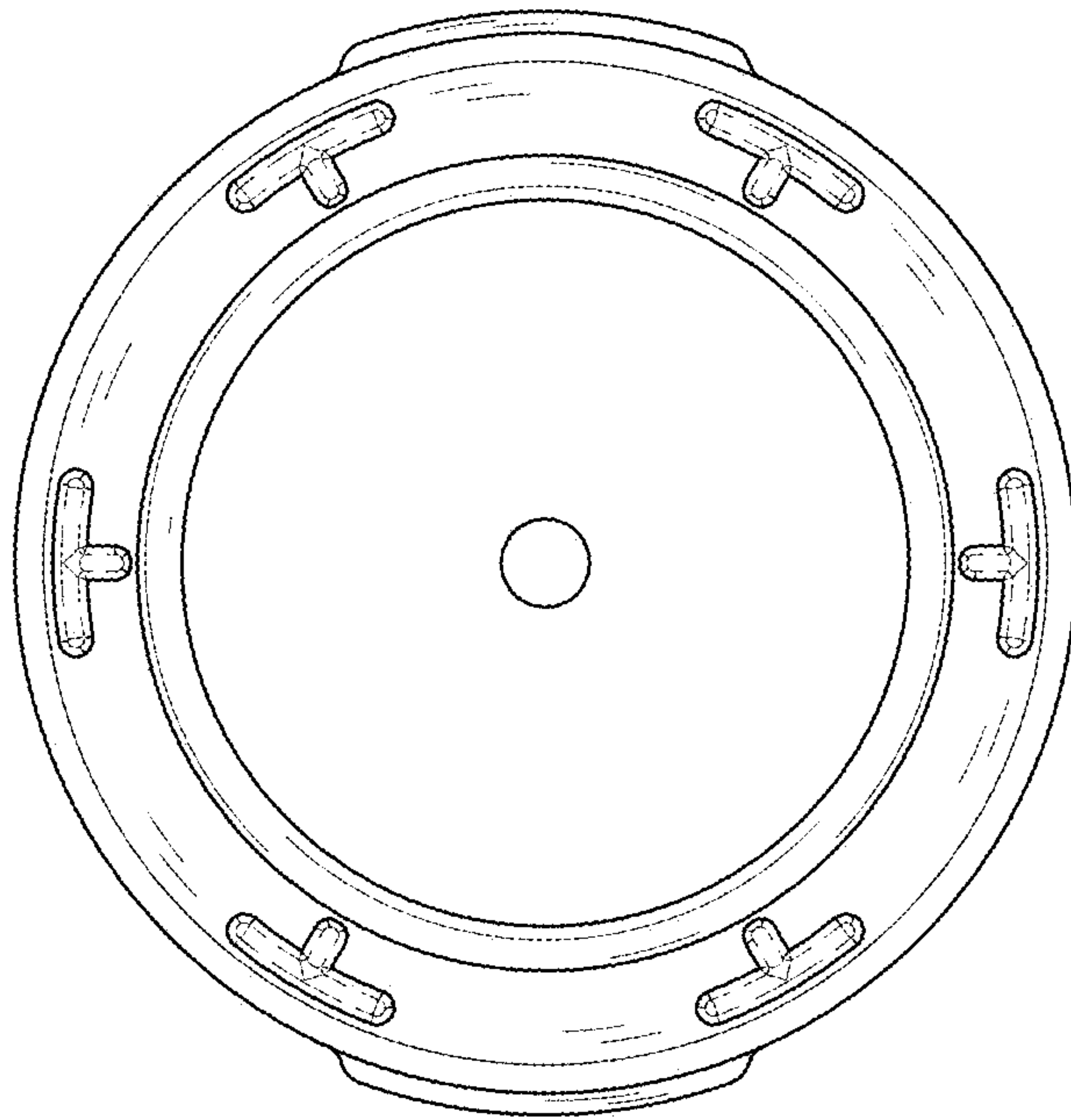


FIG. 52

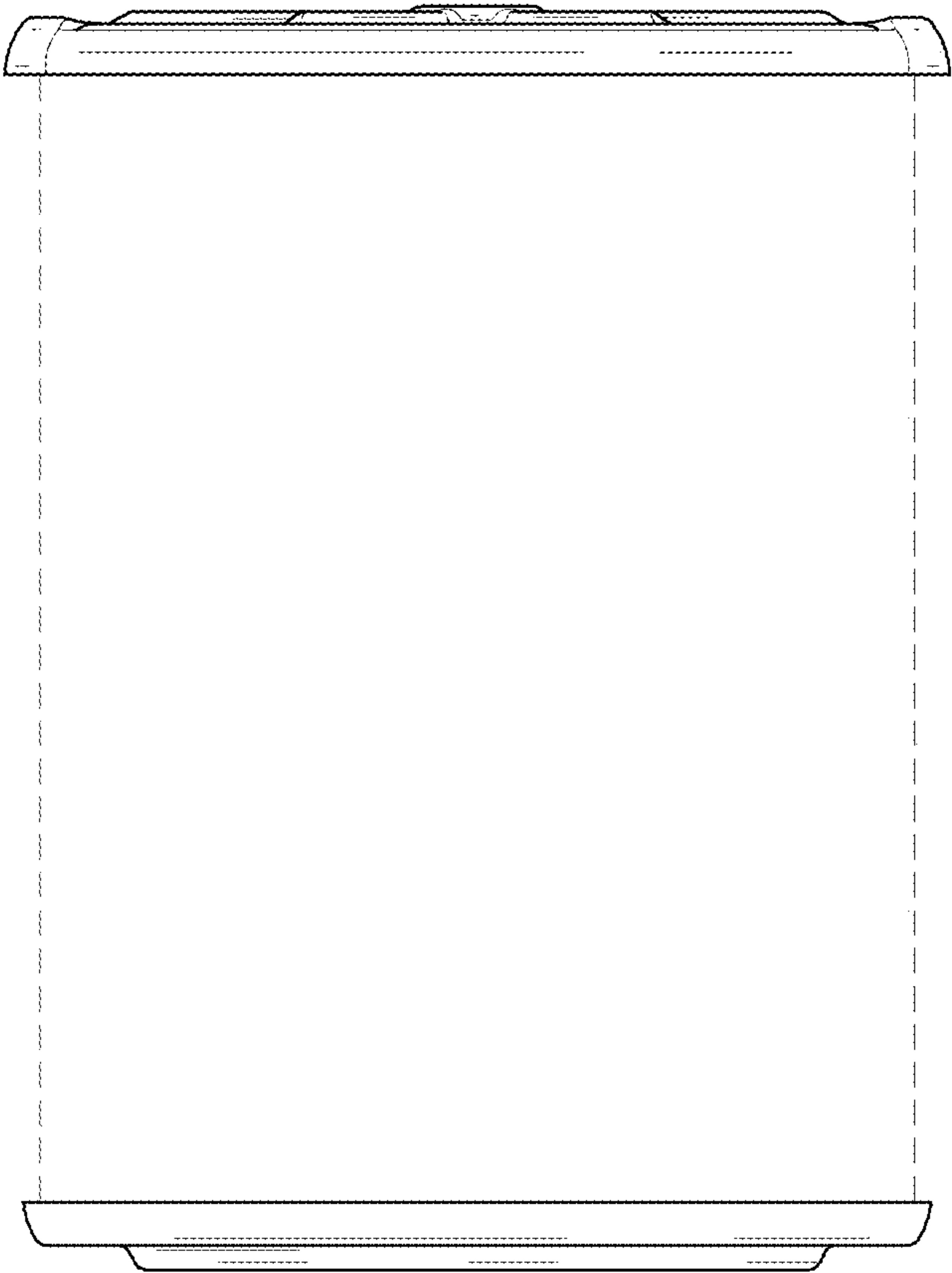


FIG. 53

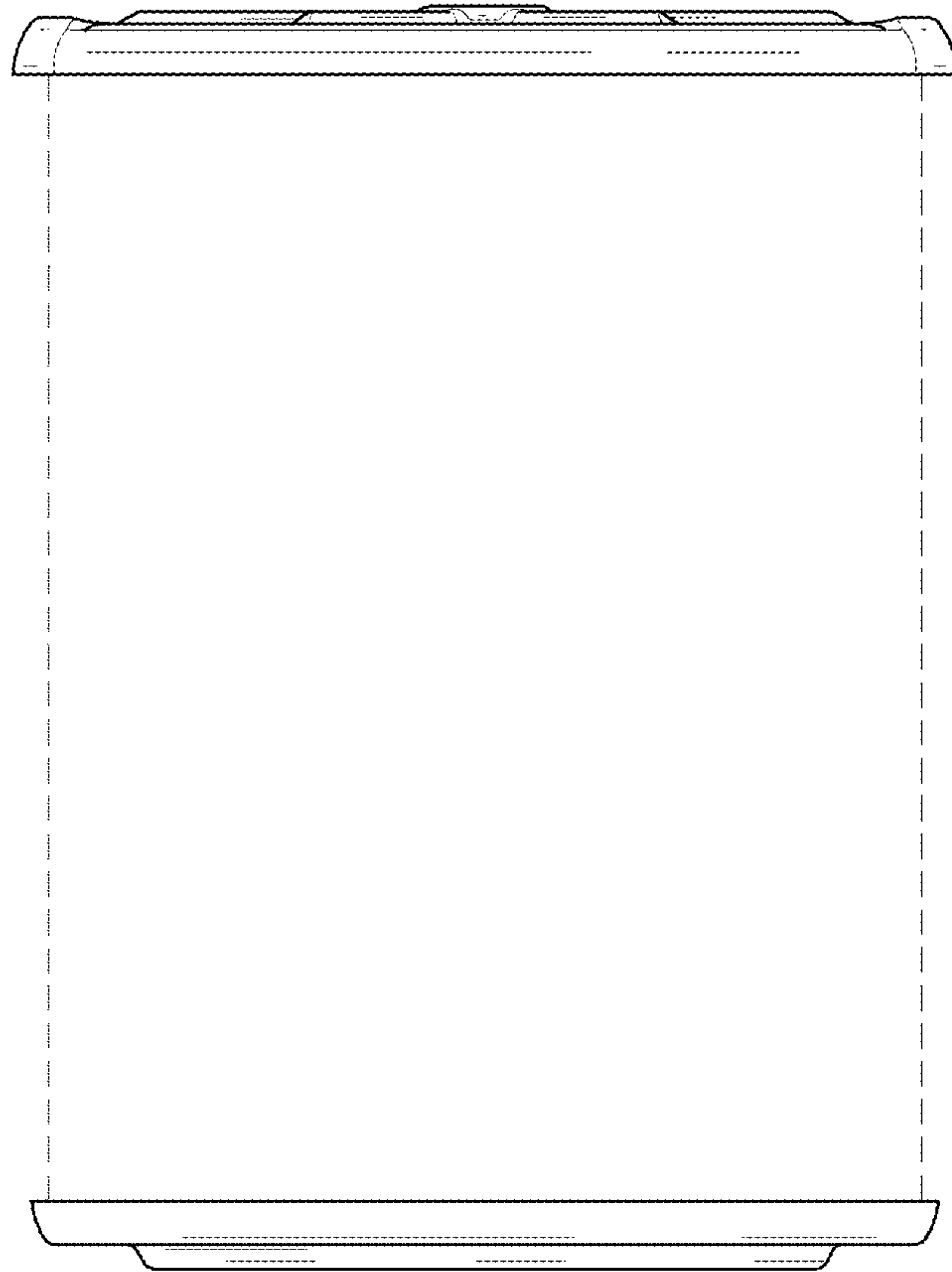


FIG. 54

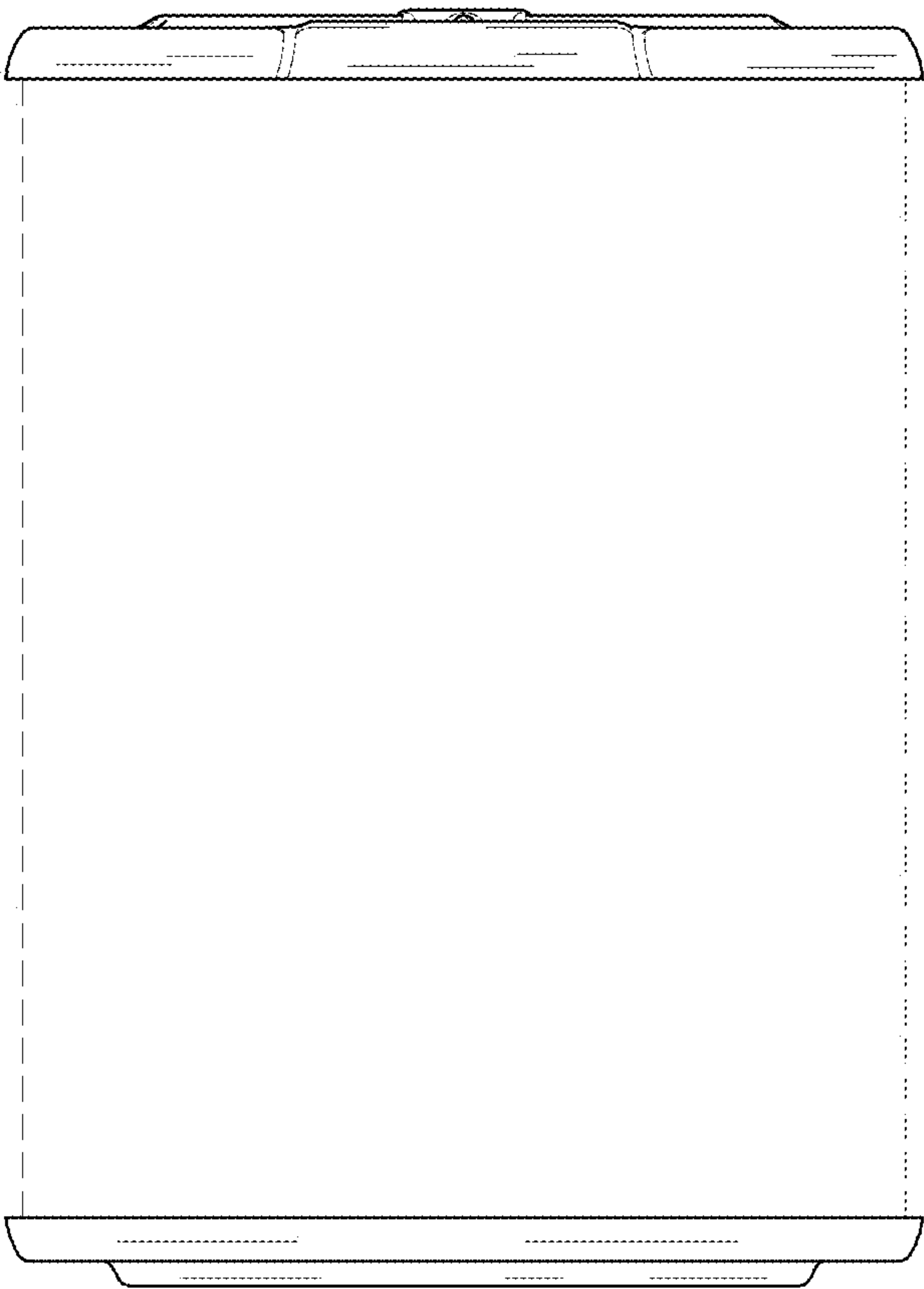


FIG. 55

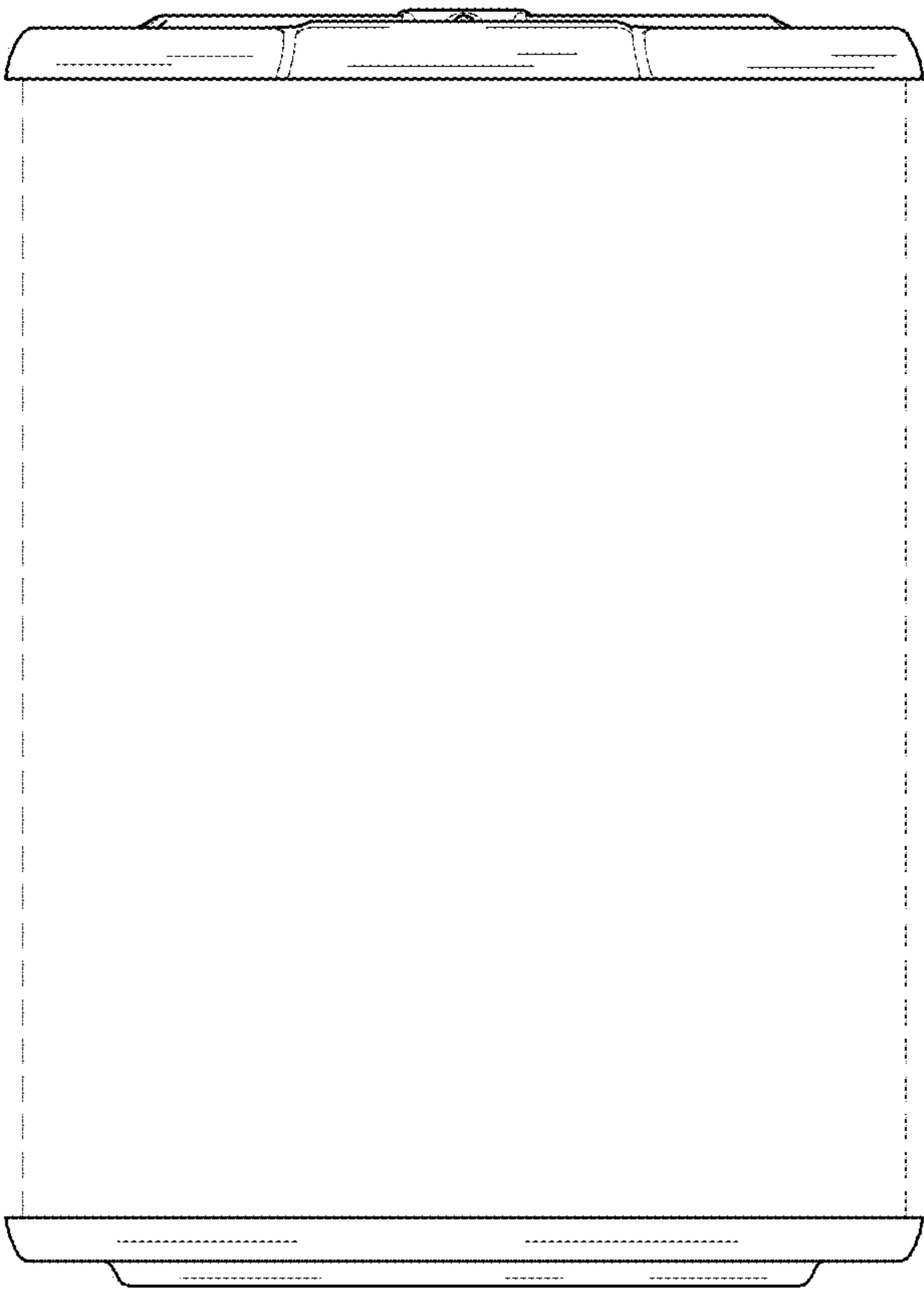


FIG. 56

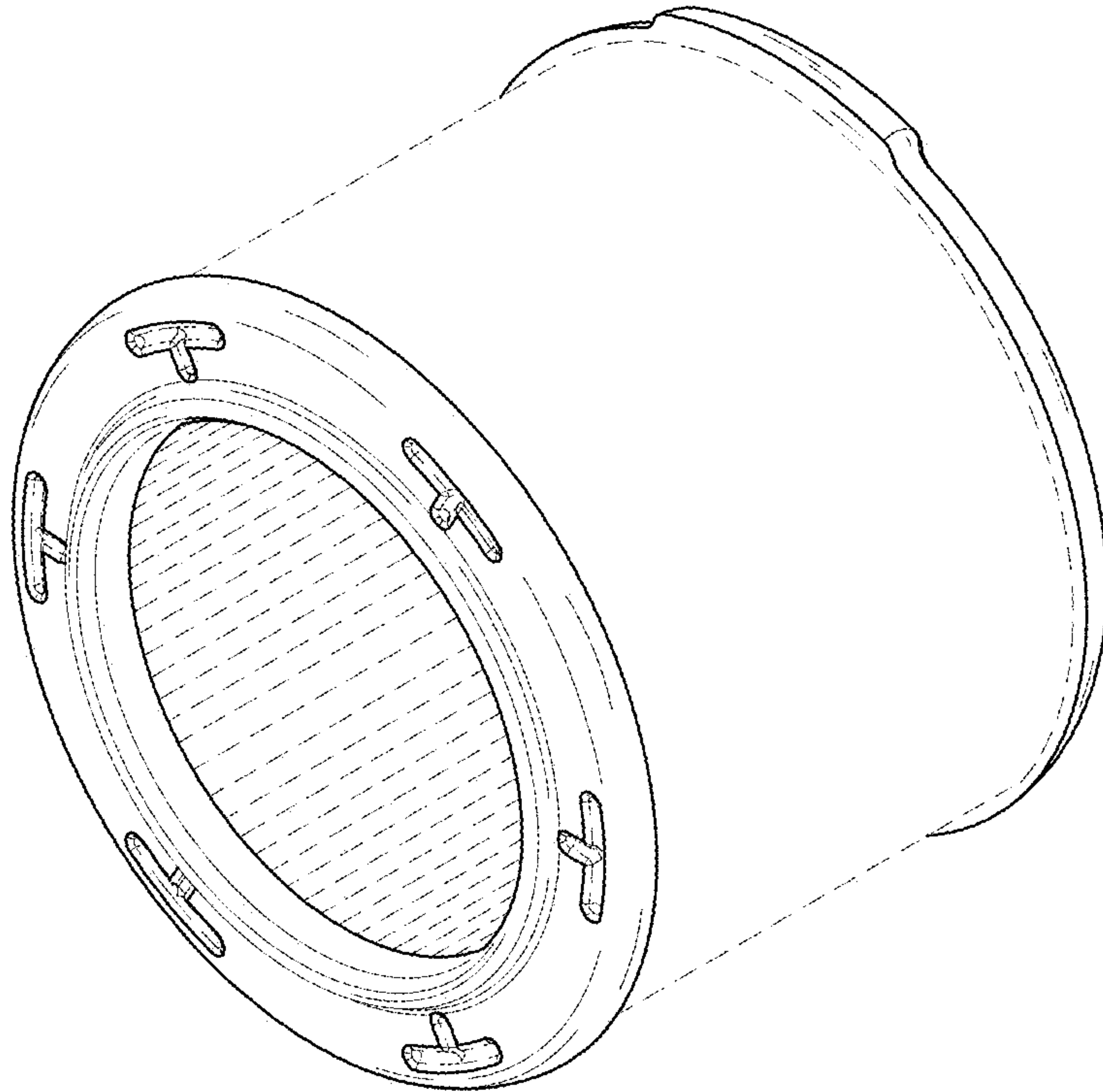


FIG. 57

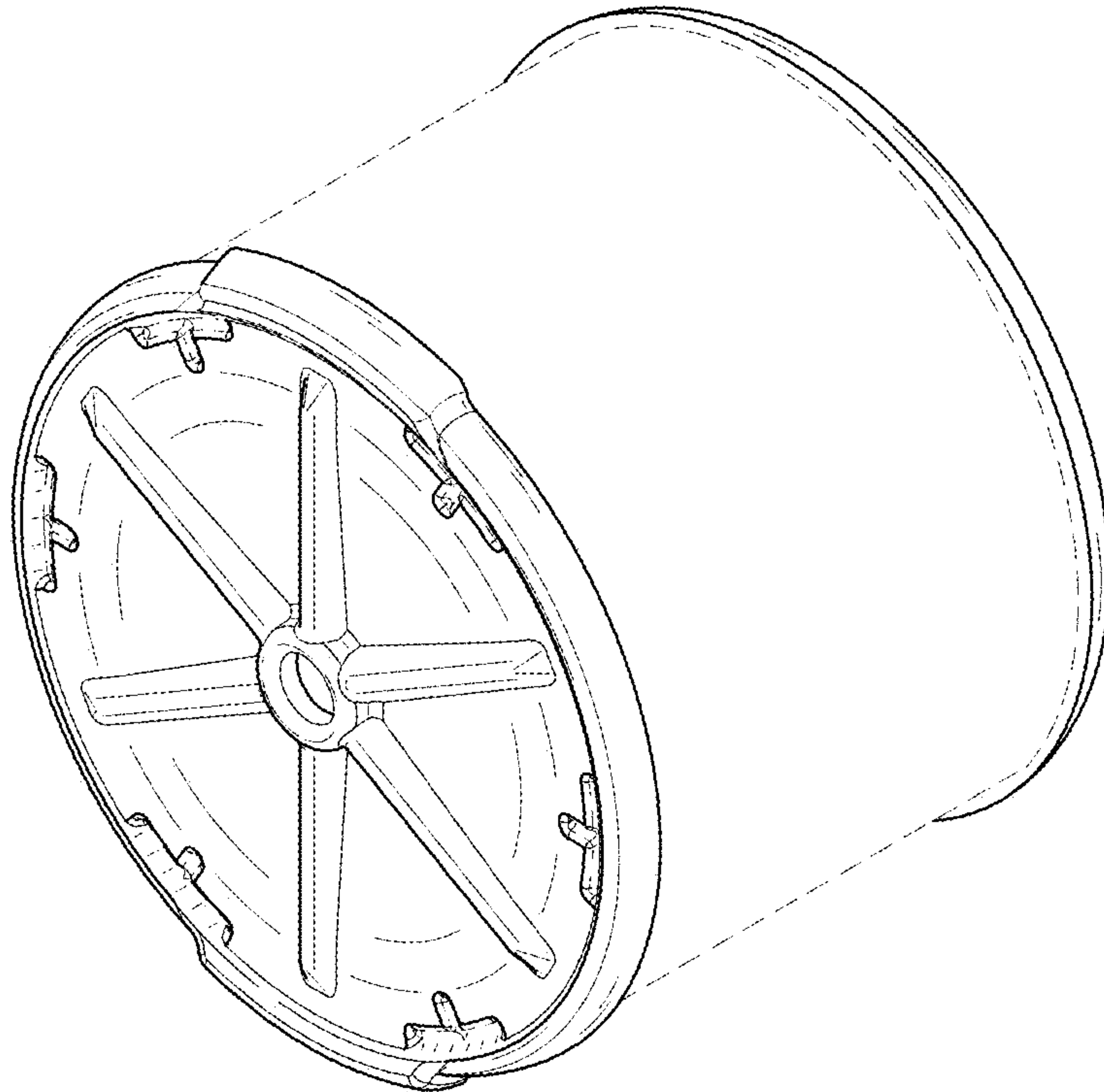


FIG. 58

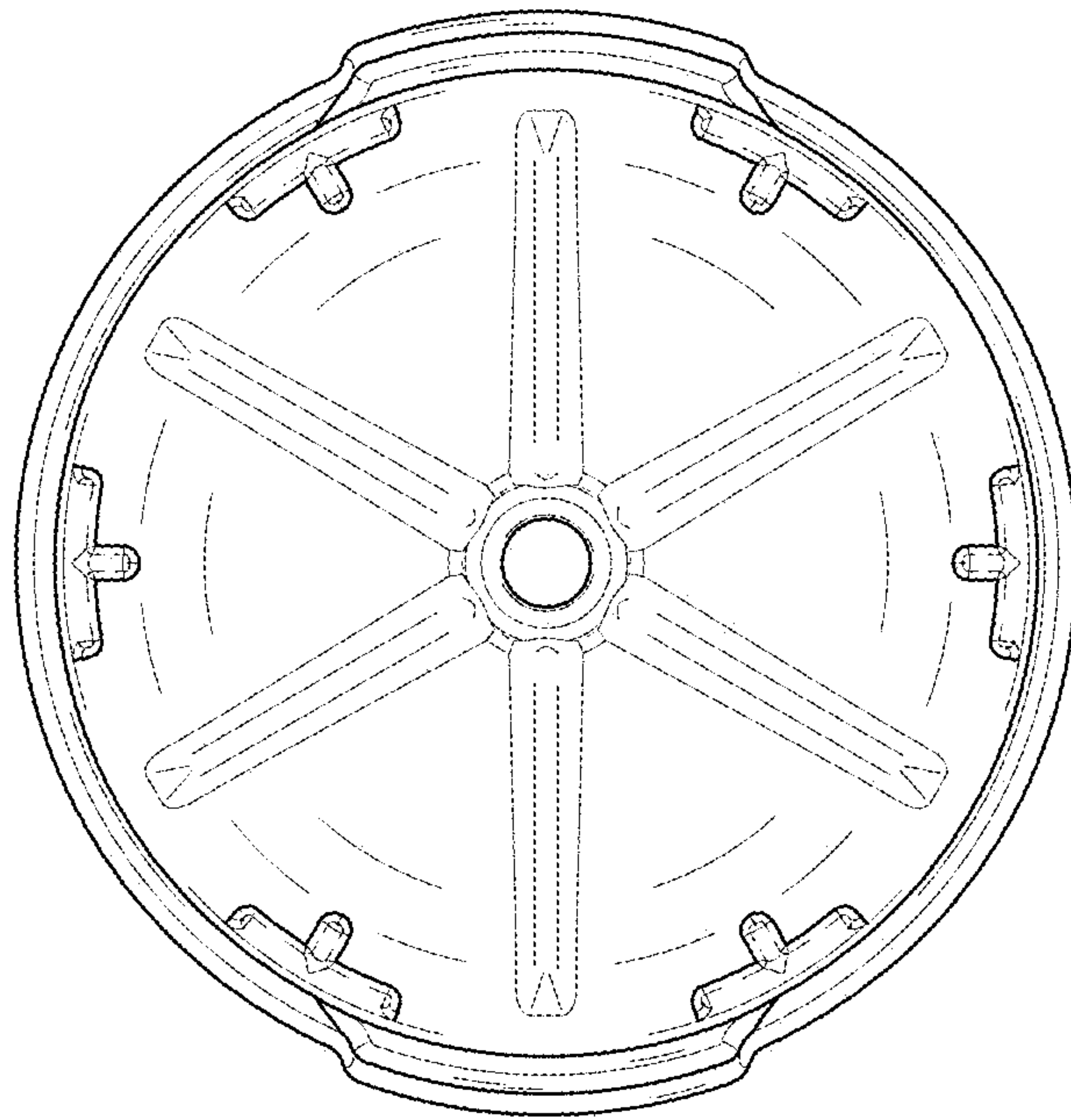


FIG. 59

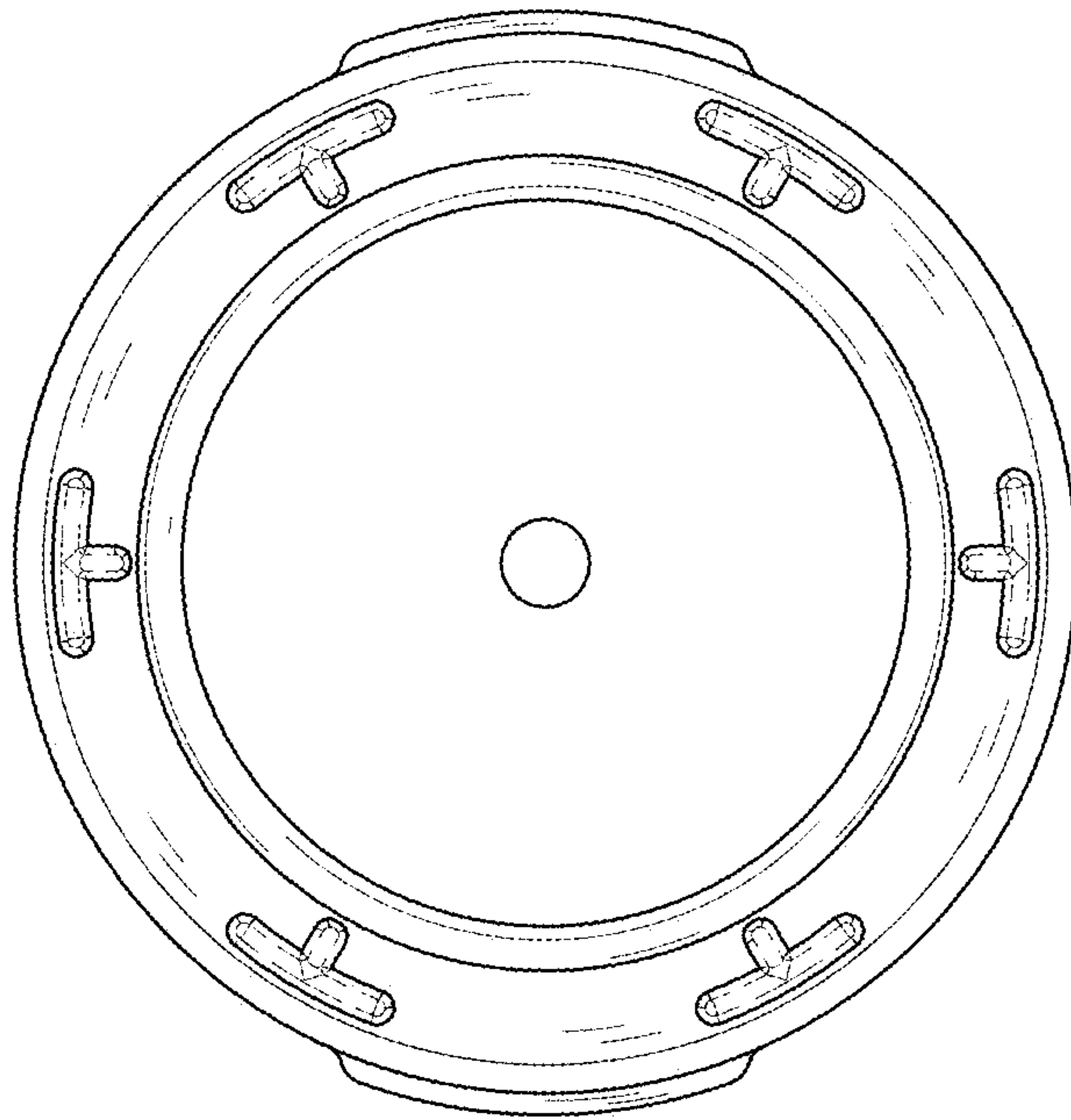


FIG. 60

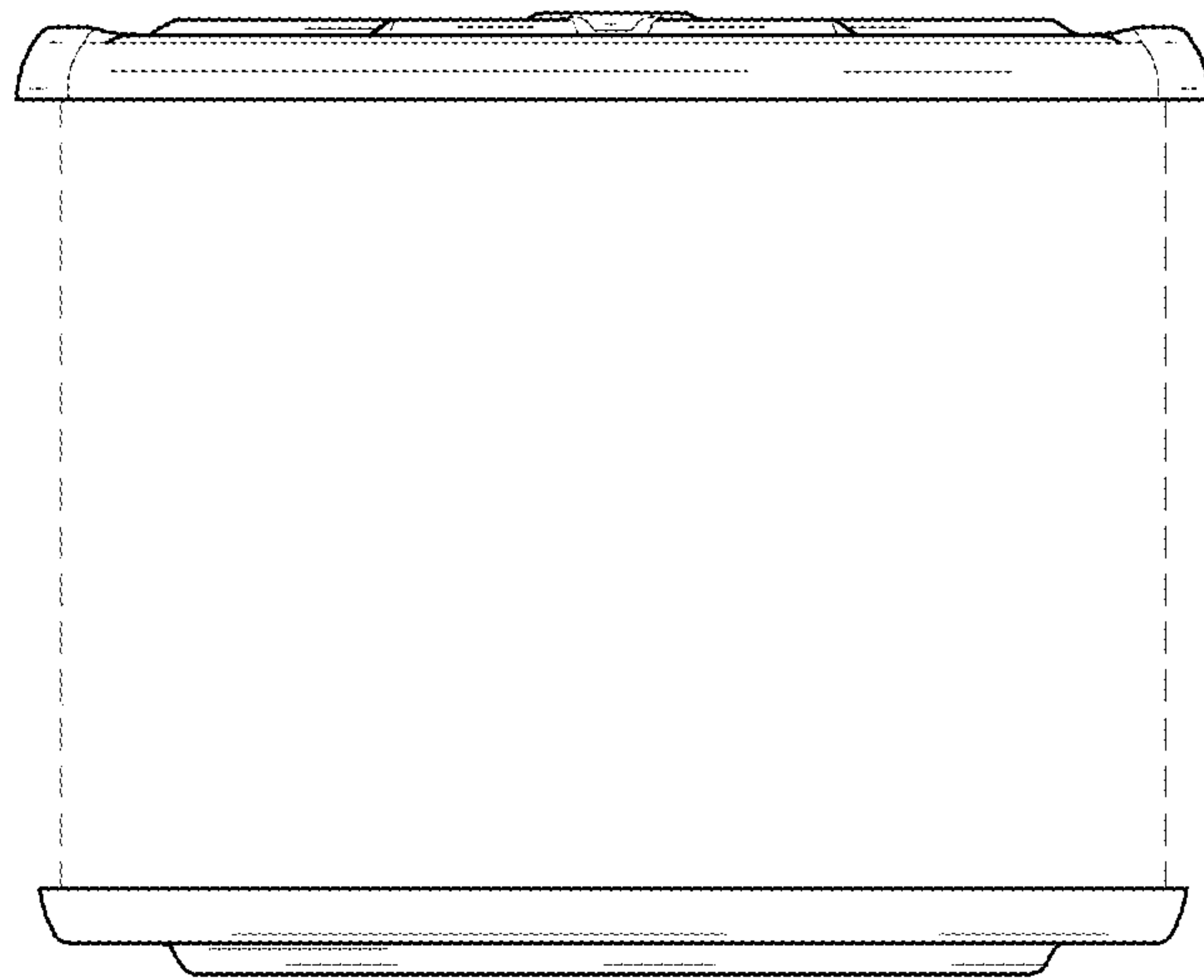


FIG. 61

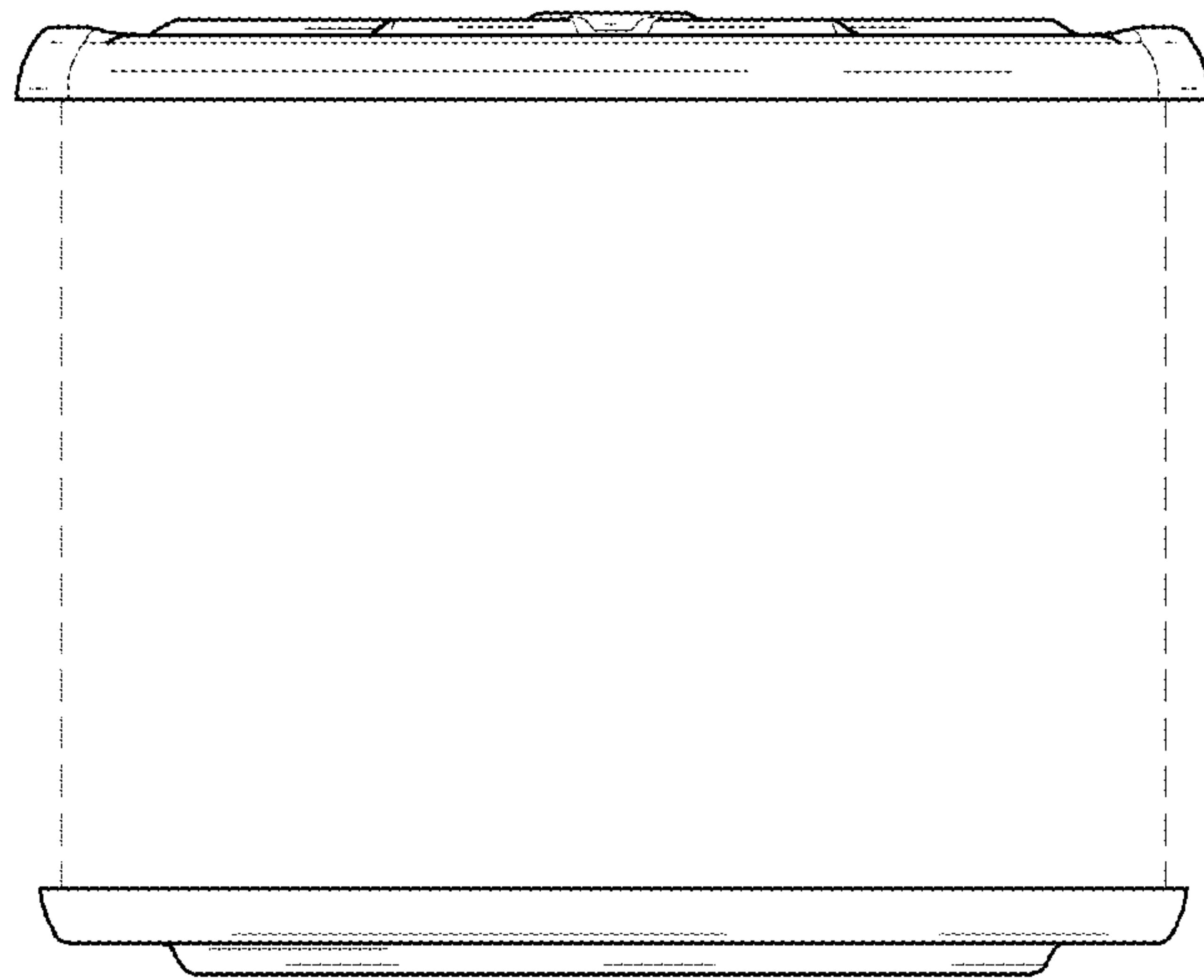


FIG. 62

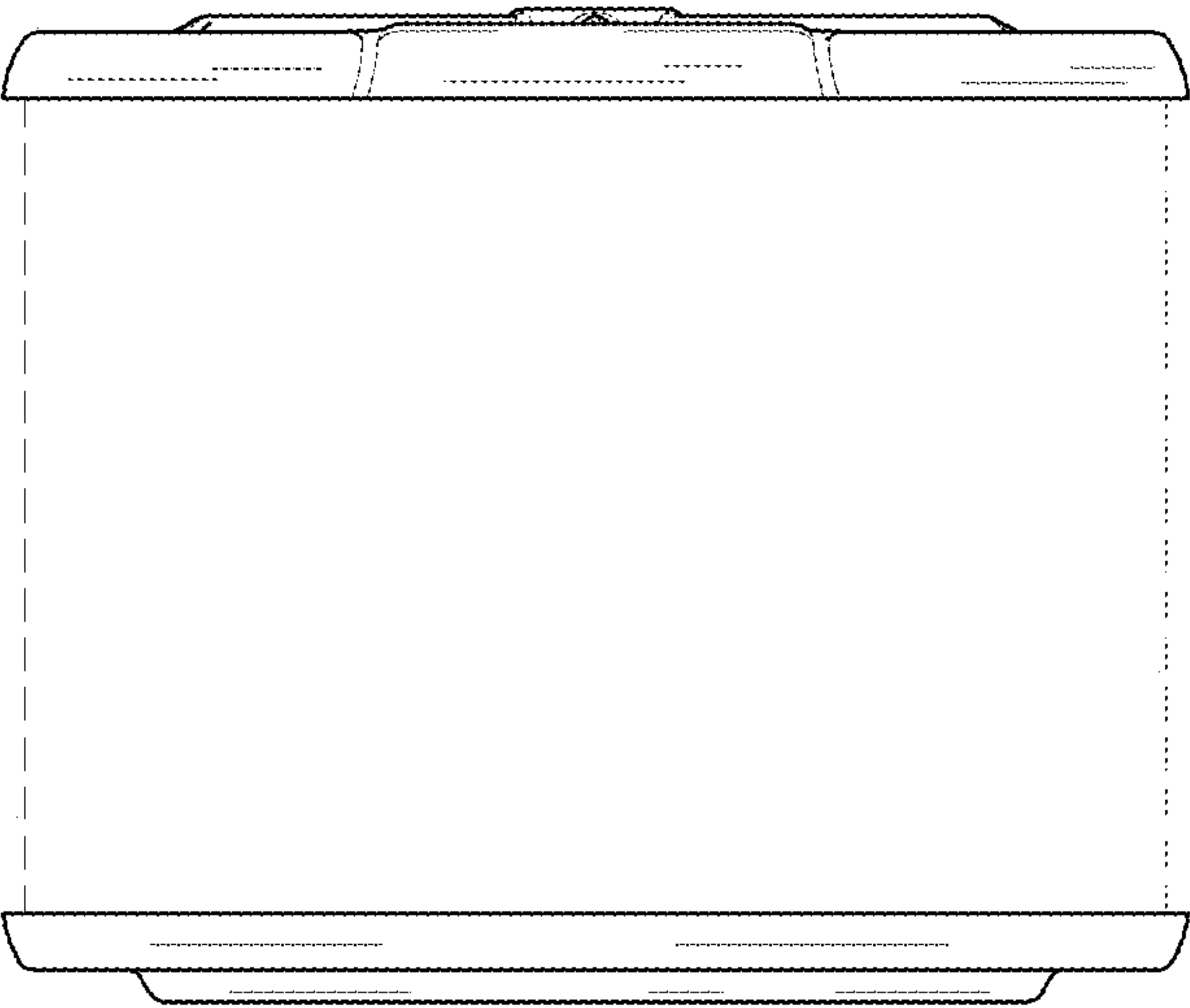


FIG. 63

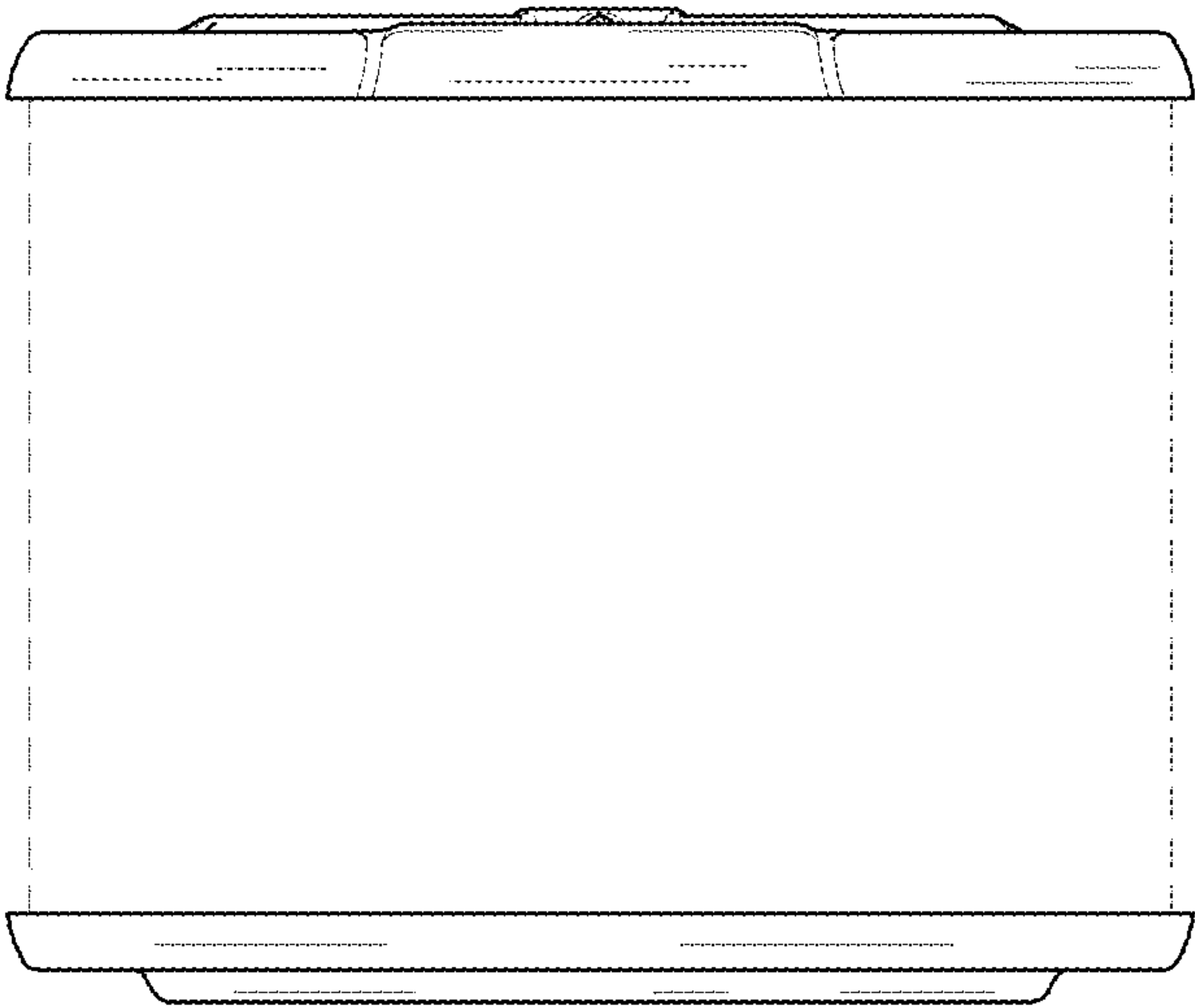


FIG. 64

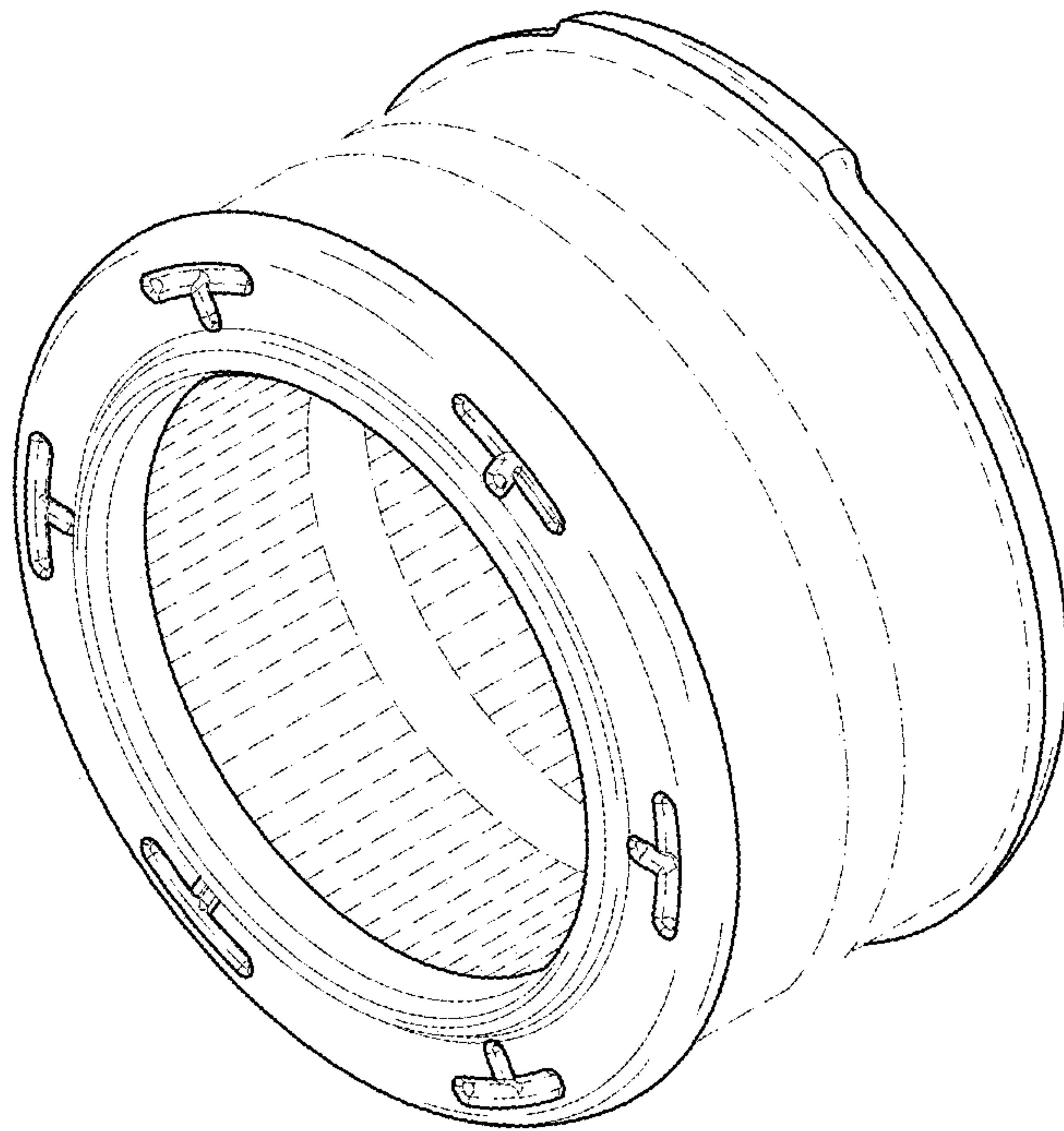


FIG. 65

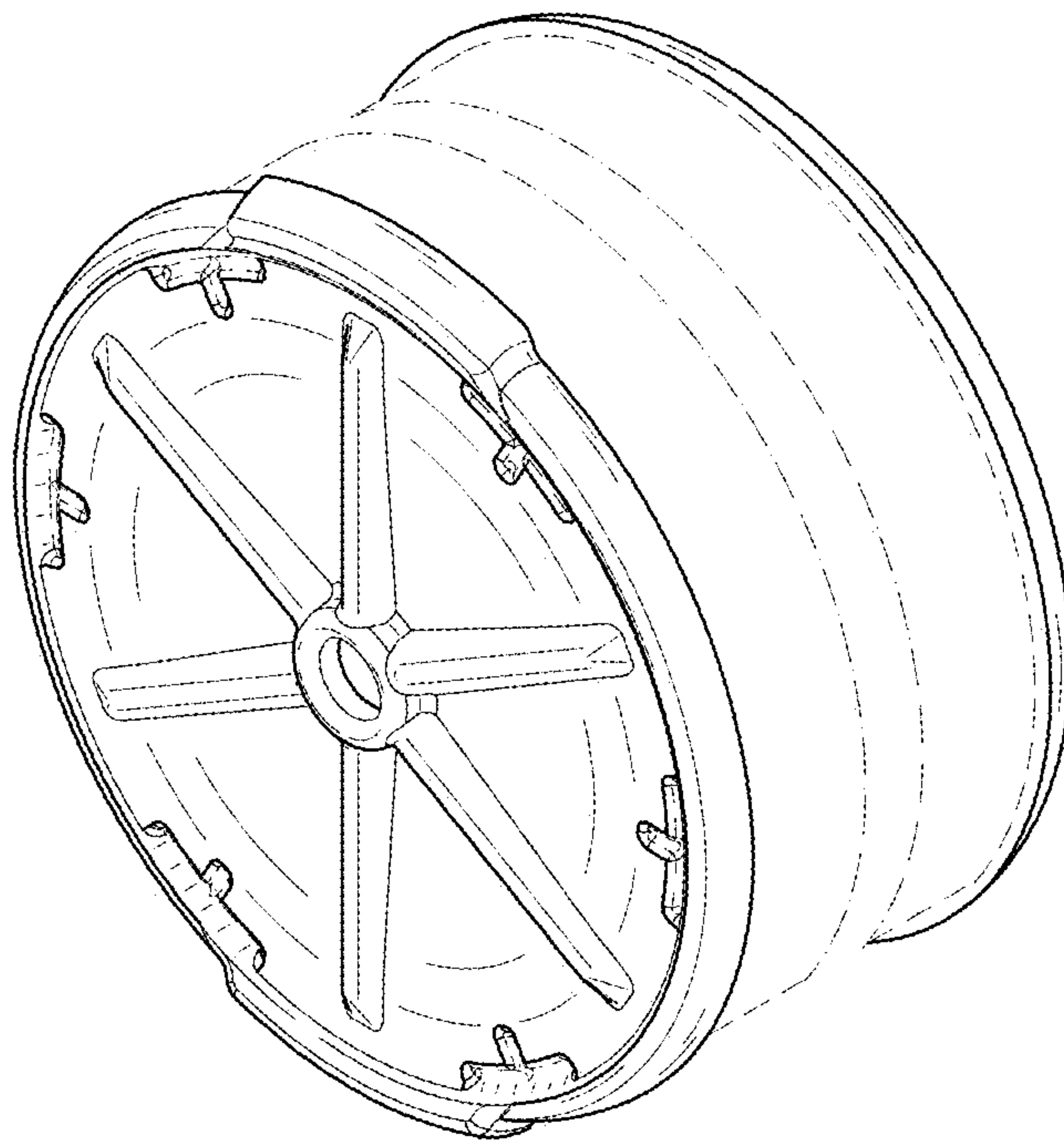


FIG. 66

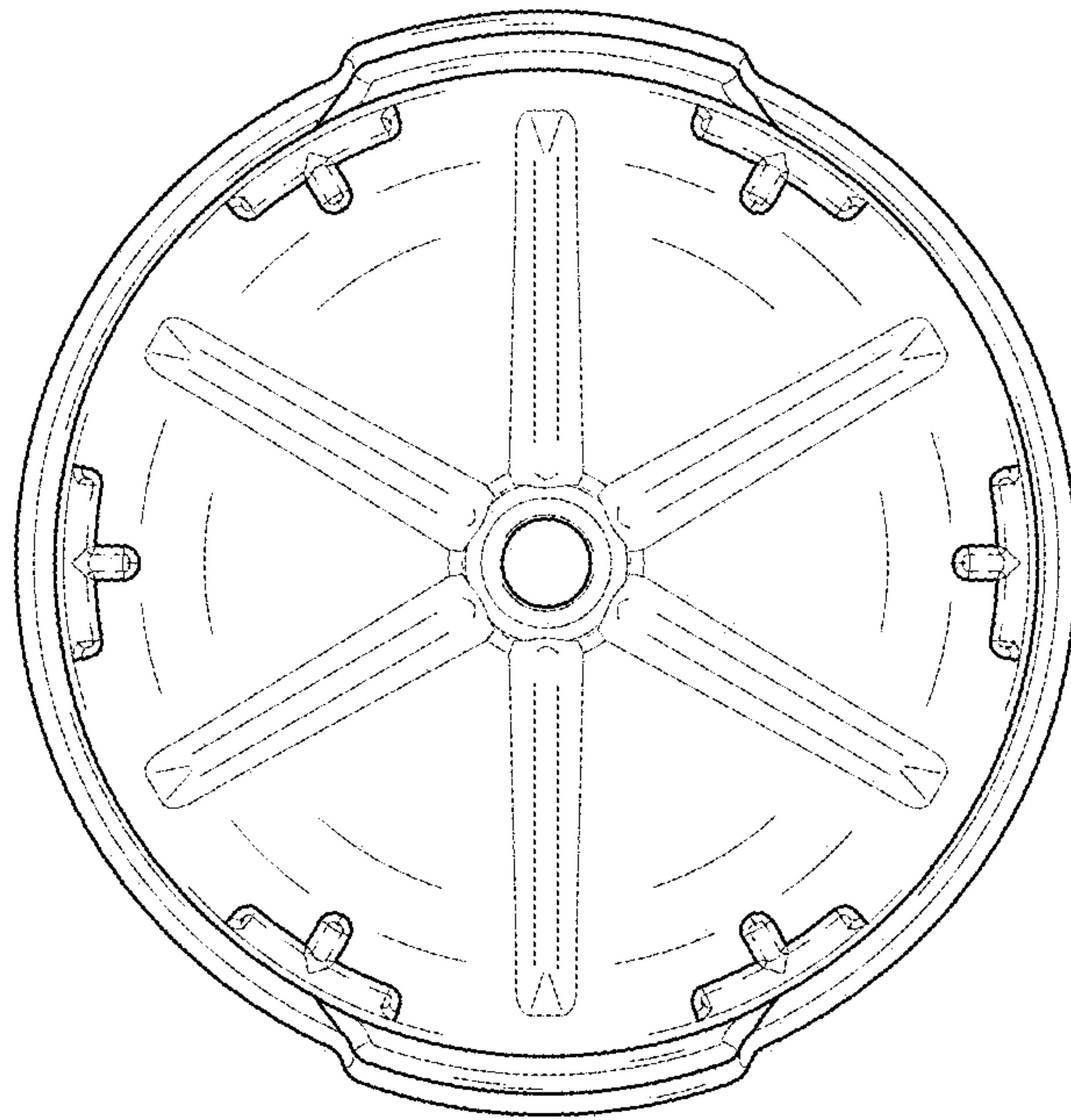


FIG. 67

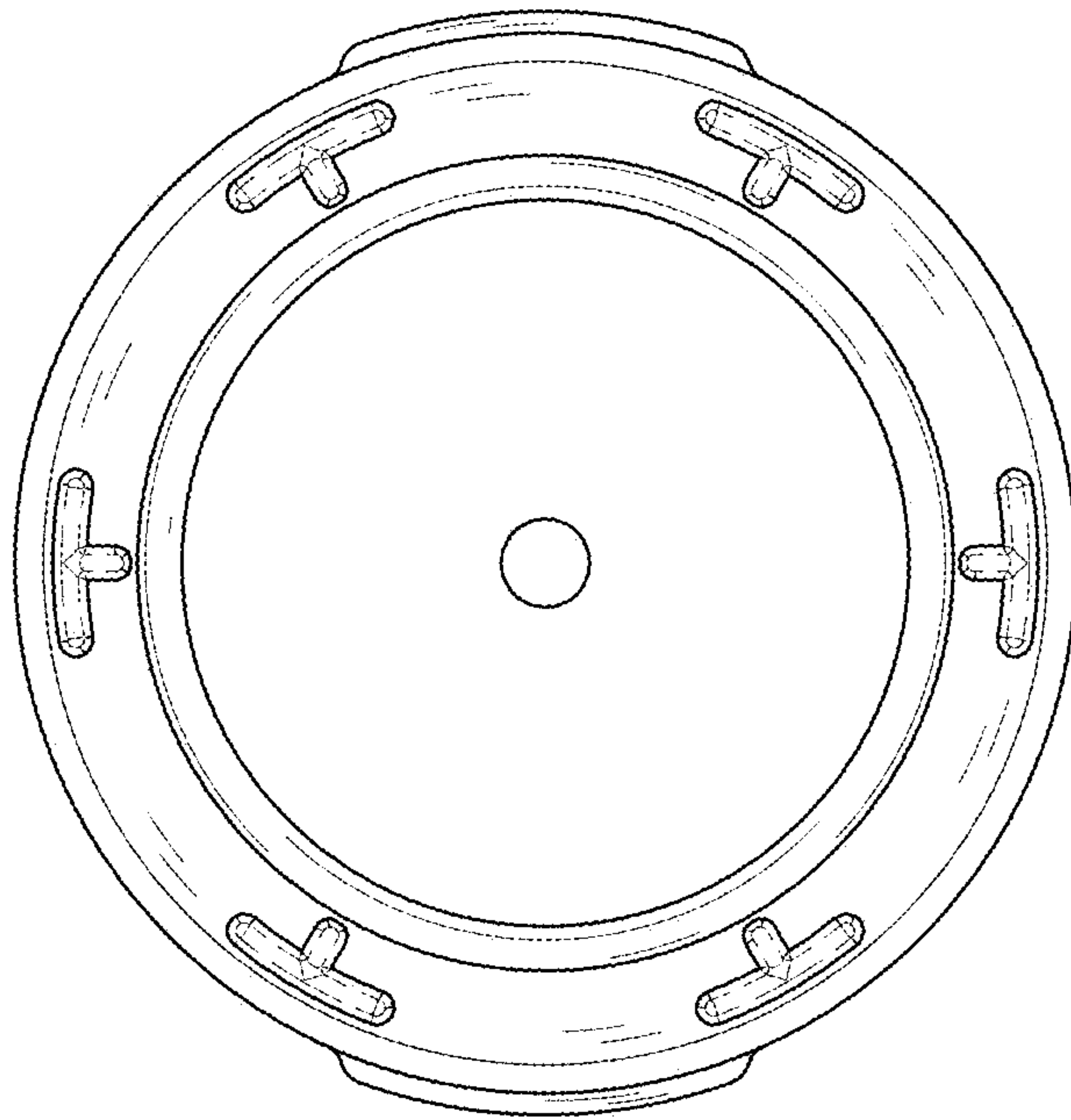


FIG. 68

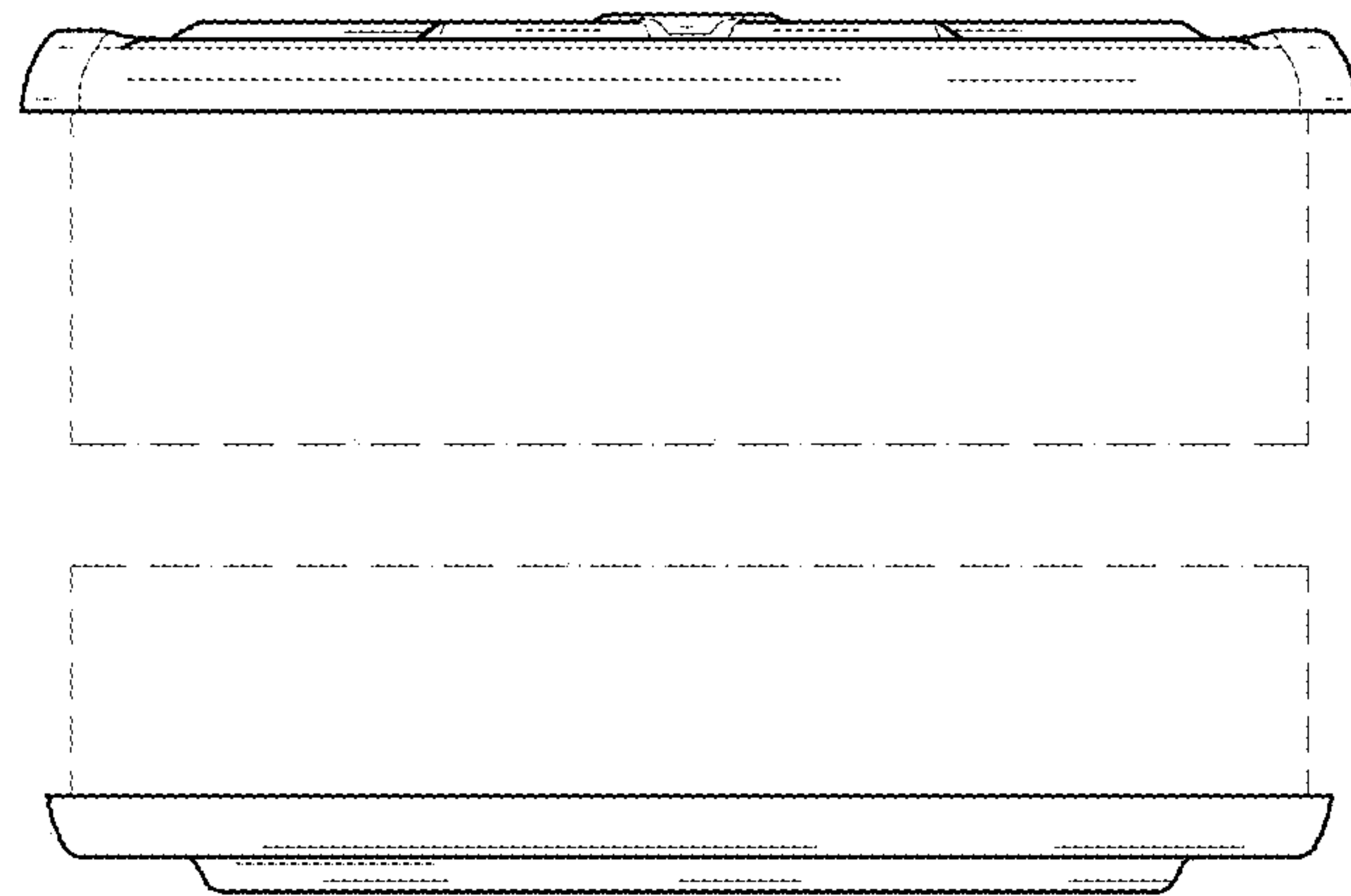


FIG. 69

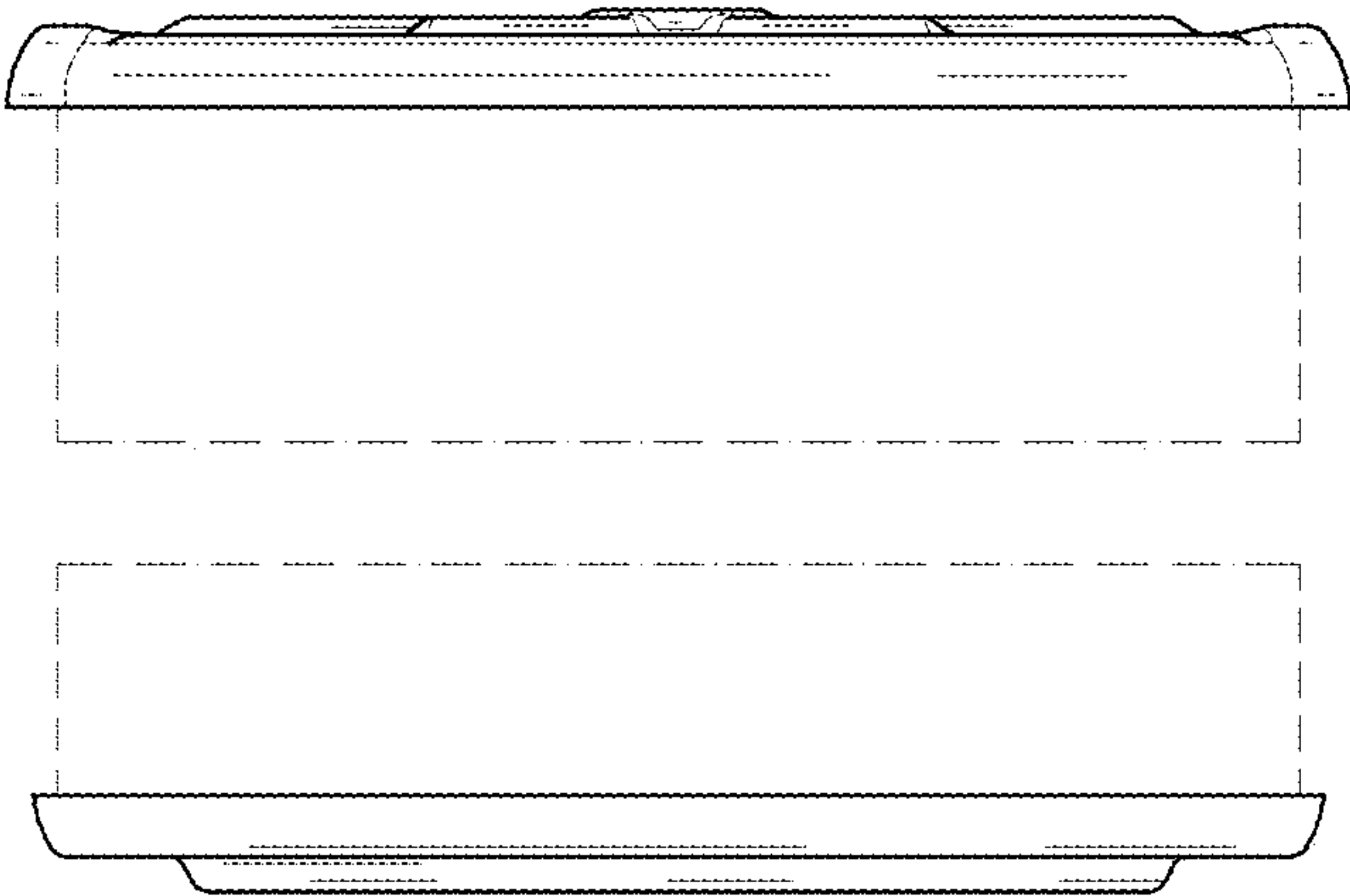


FIG. 70

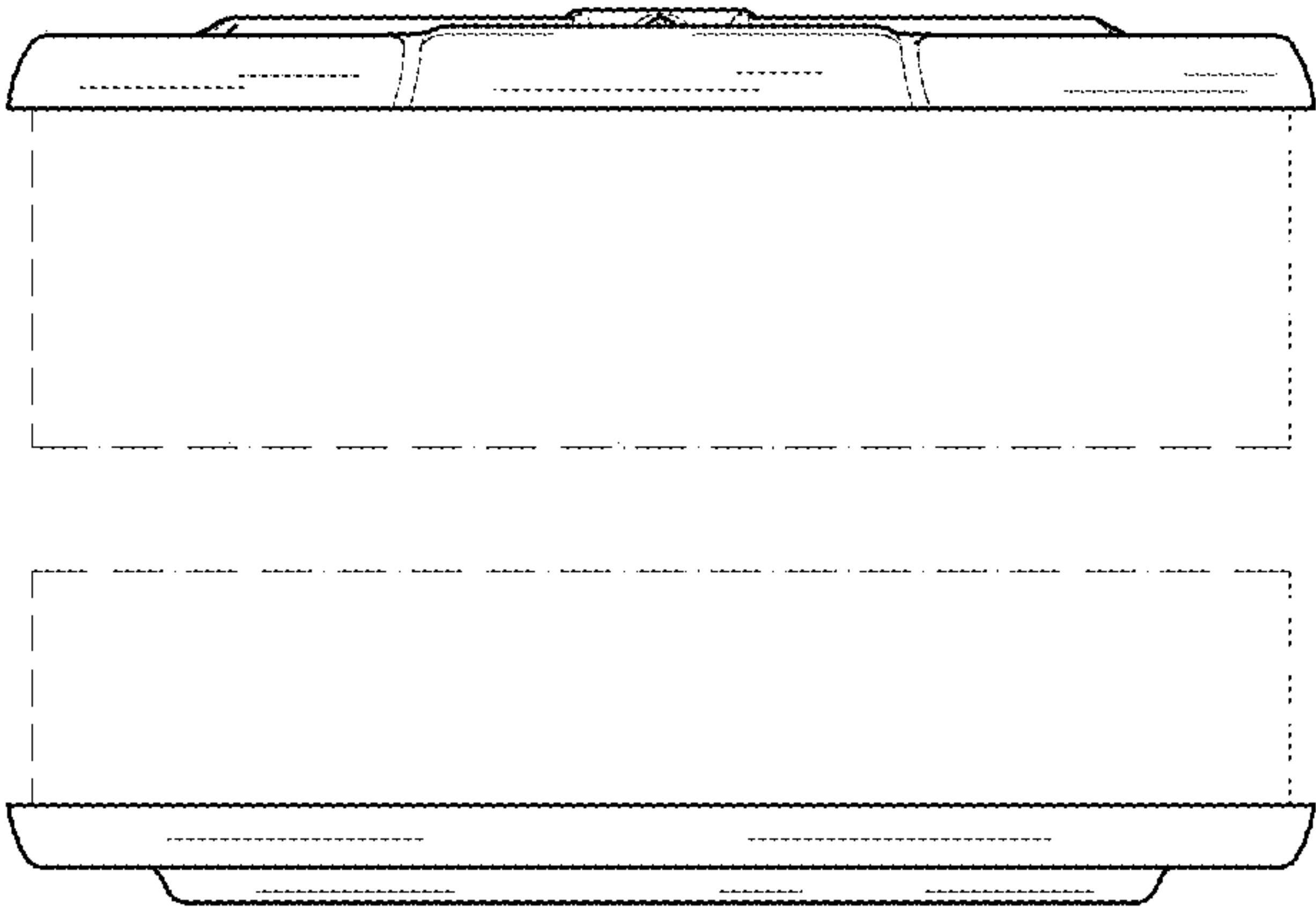


FIG. 71

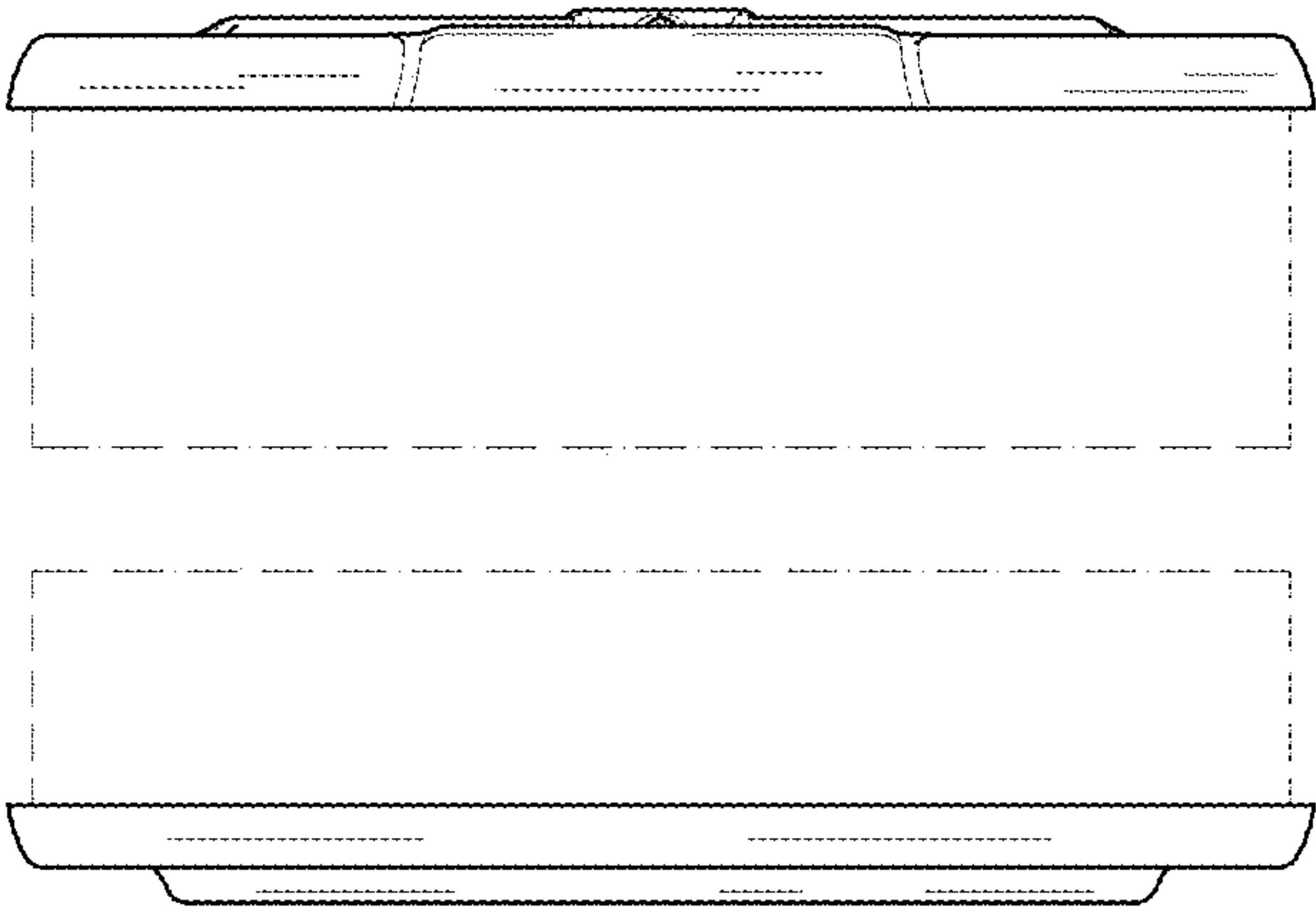


FIG. 72