



US00D412567S

# United States Patent [19]

Ward et al.

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[45] Date of Patent: \*\* Aug. 3, 1999

[54] HOUSING FOR AN AIR CLEANER

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[73] Assignee: **Donaldson Company, Inc.**, Minneapolis, Minn.

[\*\*] Term: 14 Years

[21] Appl. No.: 29/076,523

[22] Filed: Sep. 12, 1997

[51] LOC (6) Cl. .... 23-04

[52] U.S. Cl. .... D23/364

[58] Field of Search ..... D23/364; 55/498, 55/521, 510; 96/97

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*Primary Examiner*—Lisa Lichtenstein

*Attorney, Agent, or Firm*—Merchant, Gould, Smith, Edell, Welter & Schmidt, P.A.

[57] CLAIM

The ornamental design for a housing for an air cleaner, as shown and described.

DESCRIPTION

FIG. 1 is a front side elevational view of a first embodiment of a housing for an air cleaner, according to our new design, an outlet tube being shown in broken lines and not being part of the design sought to be patented;

FIG. 2 is a back side elevational view of the housing of FIG. 1, the outlet tube being shown in broken lines and not being part of the design sought to be patented;

FIG. 3 is a bottom plan view of the housing of FIG. 1, the outlet tube being shown in broken lines and not being part of the design sought to be patented;

FIG. 4 is a top plan view of the housing of FIG. 1, the outlet tube being shown in broken lines and not being part of the design sought to be patented;

FIG. 5 is a right side elevational view of the housing of FIG. 1;

FIG. 6 is a left side elevational view of the housing of FIG. 1, the outlet tube being shown in broken lines and not being part of the design sought to be patented;

FIG. 7 is a second front side elevational view of the housing according to the embodiment of FIGS. 1-6, depicting an alternate outlet tube angled from the housing and in broken lines and thus showing the outlet tube is not part of the design sought to be patented;

FIG. 8 is a right side elevational view of a first alternate embodiment to the housing of FIG. 1; the front side elevational view of the embodiment of FIG. 8 being identical to that illustrated in FIG. 1; the back side elevational view of the embodiment of FIG. 8 being identical to that illustrated in FIG. 2; the bottom plan view of the embodiment of FIG. 8 being identical to that illustrated in FIG. 3; the top plan view of the embodiment of FIG. 8 being identical to that illustrated in FIG. 4; and the left side elevational view of the embodiment of FIG. 8 being identical to that illustrated in FIG. 6; thus, the only substantial differences between the embodiment of FIG. 8 and the embodiment of FIGS. 1-6 being in the right side elevational view;

FIG. 9 is front side elevational view of a second alternate embodiment of a housing for an air cleaner, the outlet tube being shown in broken lines and not being part of the design sought to be patented;

FIG. 10 is a back side elevational view of the housing of FIG. 9, the outlet tube being shown in broken lines and not being part of the design sought to be patented;

FIG. 11 is a bottom plan view of the housing of FIG. 9, the outlet tube being shown in broken lines and not being part of the design sought to be patented;

FIG. 12 is a top plan view of the housing of FIG. 9, the outlet tube being shown in broken lines and not being part of the design sought to be patented;

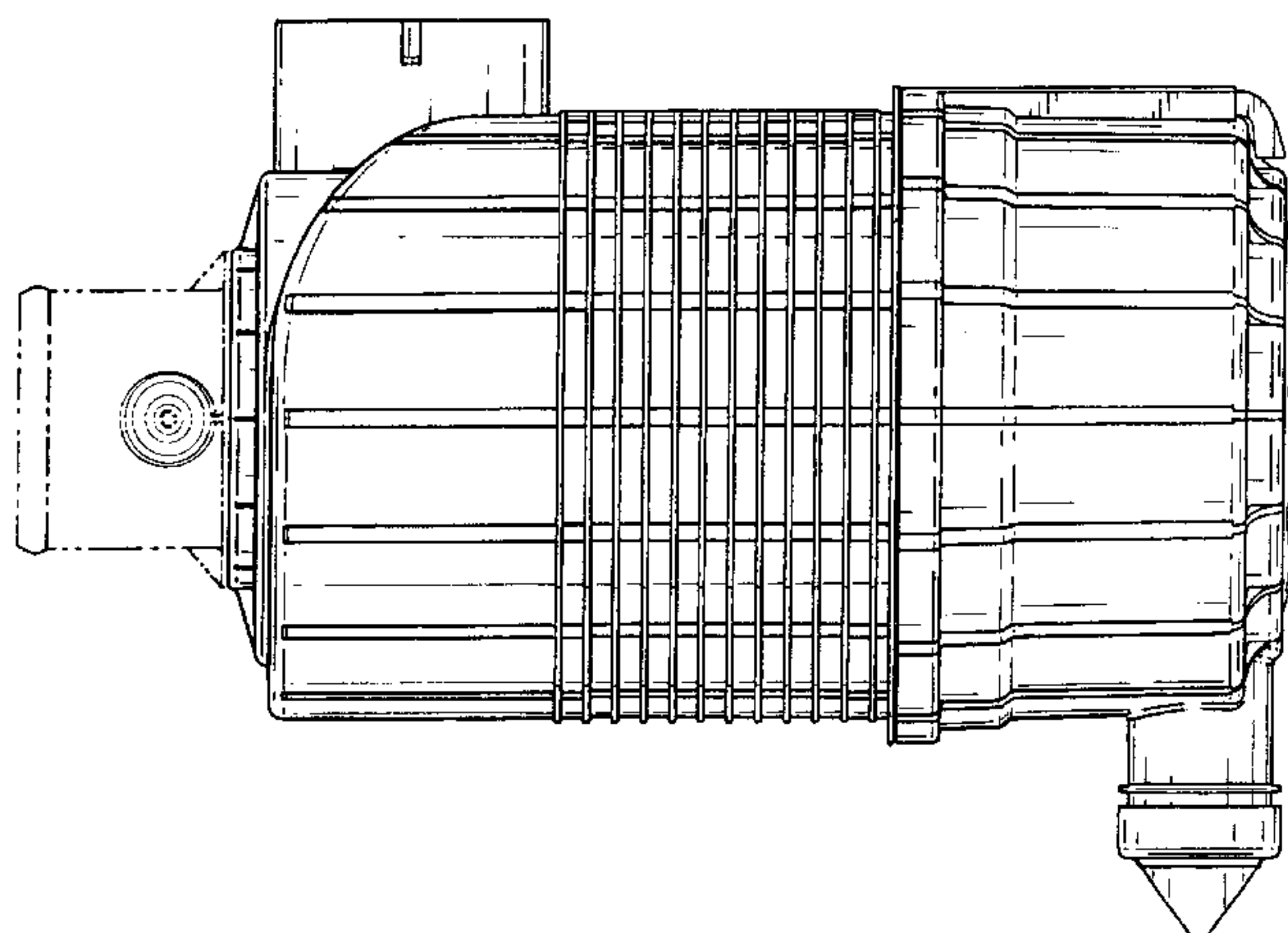


FIG. 13 is a right side elevational view of the housing of FIG. 9;

FIG. 14 is a left side elevational view of the housing of FIG. 9, the outlet tube being shown in broken lines and not being part of the design sought to be patented; the view of FIG. 14 being identical to the view of FIG. 6;

FIG. 15 is a second front side elevational view of the embodiment of FIGS. 9–14 according to the present invention, depicting an alternate outlet tube in broken lines and thus showing that the outlet tube is not a portion of the invention;

FIG. 16 is a third alternate embodiment showing a right side elevational view of the housing, the front side elevational of the embodiment of FIG. 16 being identical to FIG. 9; the back side elevational view of the embodiment of FIG. 16 being identical to FIG. 10; the bottom plan view of the embodiment of FIG. 16 being identical to FIG. 11; the top plan view of the embodiment of FIG. 16 being identical to FIG. 12; and the left side elevational view of the embodiment of FIG. 16 being identical to FIG. 14; thus, the embodiment of FIG. 16 differing from the embodiment of FIGS. 1–6 and the embodiment of FIGS. 9–14 only substantially with respect to the right side elevational view;

FIG. 17 is a front side elevational view of a fourth embodiment of a housing for an air cleaner, according to the present invention; the outlet tube being shown in broken lines and not being part of the design sought to be patented;

FIG. 18 is a back side elevational view of the housing of FIG. 17, the outlet tube being shown in broken lines and not being part of the design sought to be patented;

FIG. 19 is a bottom plan view of the housing of FIG. 17, the outlet tube being shown in broken lines and not being a part of the design sought to be patented;

FIG. 20 is a top plan view of the housing of FIG. 17, the outlet tube being shown in broken lines and not being part of the design sought to be patented;

FIG. 21 is a right side elevational view of the housing of FIG. 17;

FIG. 22 is a left side elevational view of the housing of FIG. 17, the outlet tube being shown in broken lines and not being part of the design sought to be patented;

FIG. 23 is a second front side elevational view of the embodiment of the housing shown in FIGS. 17–22 according to the present invention, depicting an alternate outlet tube in broken lines and thus showing that it is not a part of the design sought to be patented;

FIG. 24 is a right side elevational view of a fifth alternative embodiment; the front side elevational view of the embodiment of FIG. 24 being identical to FIG. 17; the back side elevational view of the embodiment of FIG. 24 being identical to FIG. 18; the bottom plan view of the embodiment of FIG. 24 being identical to FIG. 19; the top plan view of the embodiment of FIG. 24 being identical to FIG. 20; and the left side elevational view of the embodiment of FIG. 24 being identical to FIG. 22; thus, the embodiment of FIG. 24 differing from the embodiment of FIGS. 17–22 only substantially with respect to the right side elevational view;

FIG. 25 is a front side elevational view of a sixth alternative embodiment of a housing for an air cleaner according to the present invention, the outlet tube being shown in broken lines and not being part of the design sought to be patented; FIG. 26 is a back side elevational view of the housing of FIG. 25, the outlet tube being shown in broken lines and not being part of the design sought to be patented;

FIG. 27 is a bottom plan view of the housing of FIG. 25, the outlet tube being shown in broken lines and not being part of the design sought to be patented;

FIG. 28 is a top plan view of the housing of FIG. 25, the outlet tube being shown in broken lines and not being part of the design sought to be patented;

FIG. 29 is a right side elevational view of the housing of FIG. 25;

FIG. 30 is a left side elevational view of the housing of FIG. 25, the outlet tube being shown in broken lines and not being part of the design sought to be patented;

FIG. 31 is a second front side elevational view of the housing according to FIGS. 25–30 depicting an alternate outlet tube in broken lines; thus indicating that the outlet tube is not part of the invention; and,

FIG. 32 is a view of a seventh embodiment shown from an alternate right side elevational view; the front side elevational view of the embodiment of FIG. 32 being identical to FIG. 25; the back side elevational view of the embodiment of FIG. 32 being identical to FIG. 26; the bottom plan view of the embodiment of FIG. 32 being identical to FIG. 27; the top plan view of the embodiment of FIG. 32 being identical to FIG. 28; and the left side elevational view of the embodiment of FIG. 32 being identical to FIG. 30; thus, the embodiment of FIG. 32 differing from the embodiment of FIGS. 25–30 only substantially with respect to the right side elevational view.



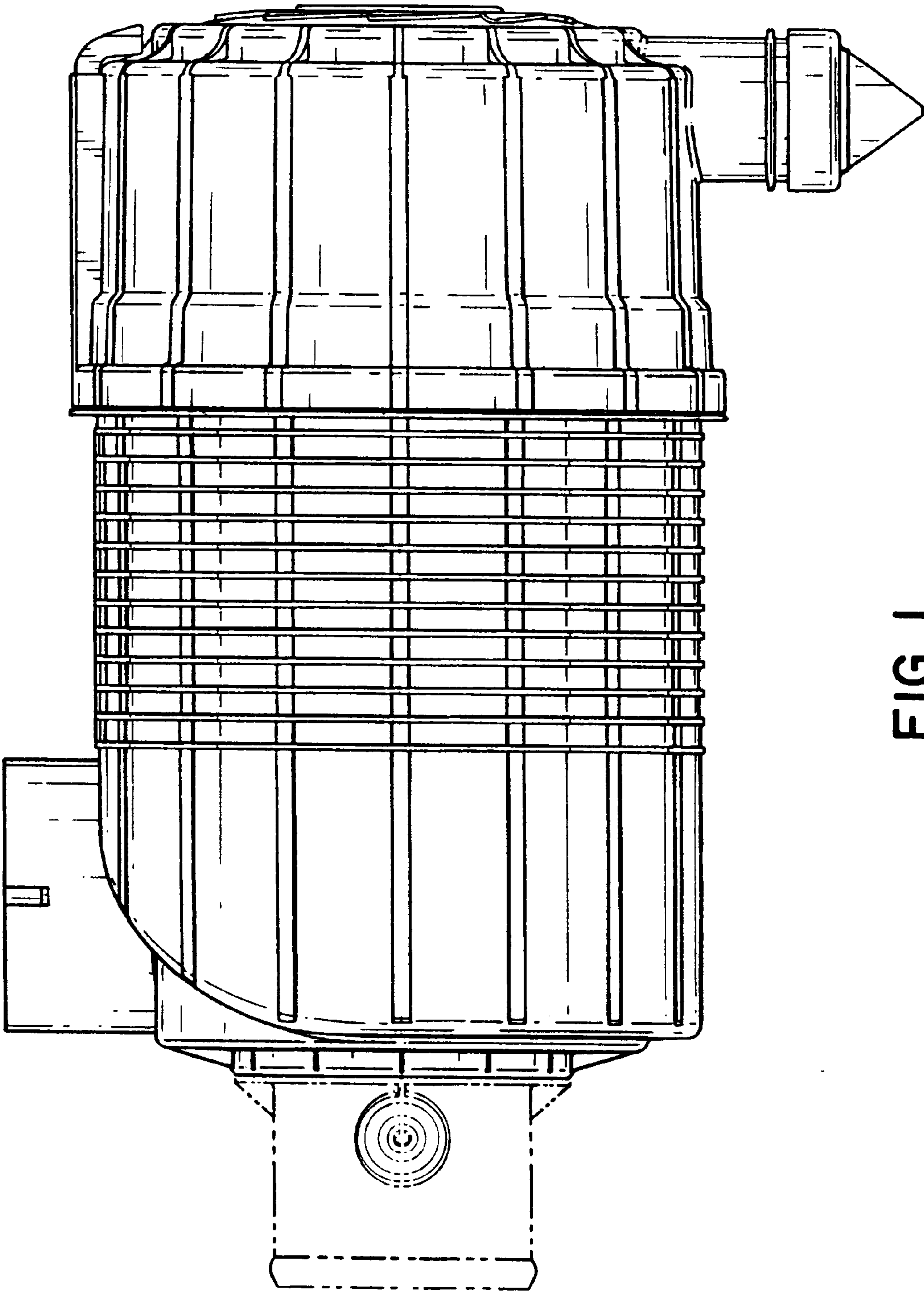


FIG. 1

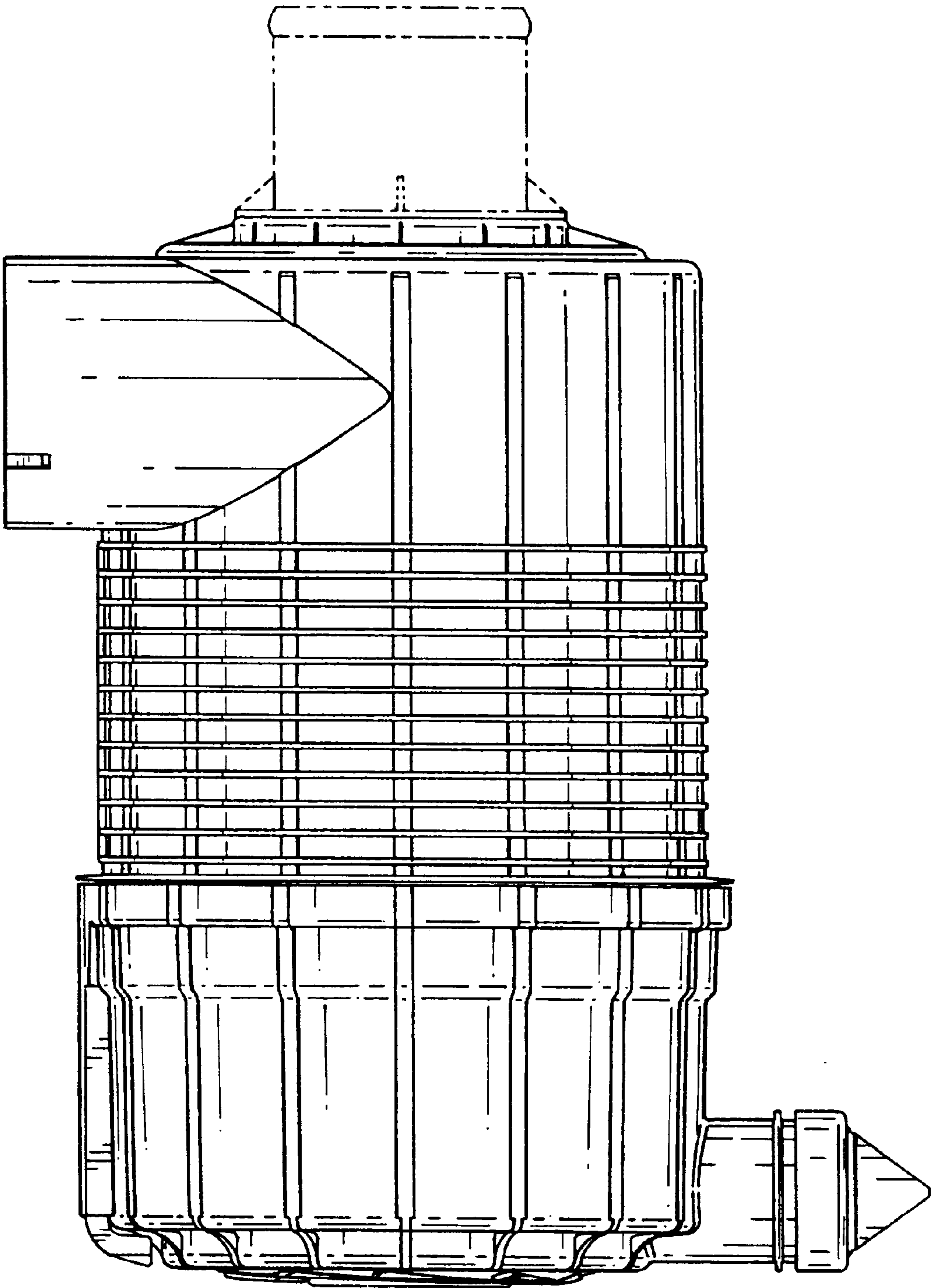


FIG. 2

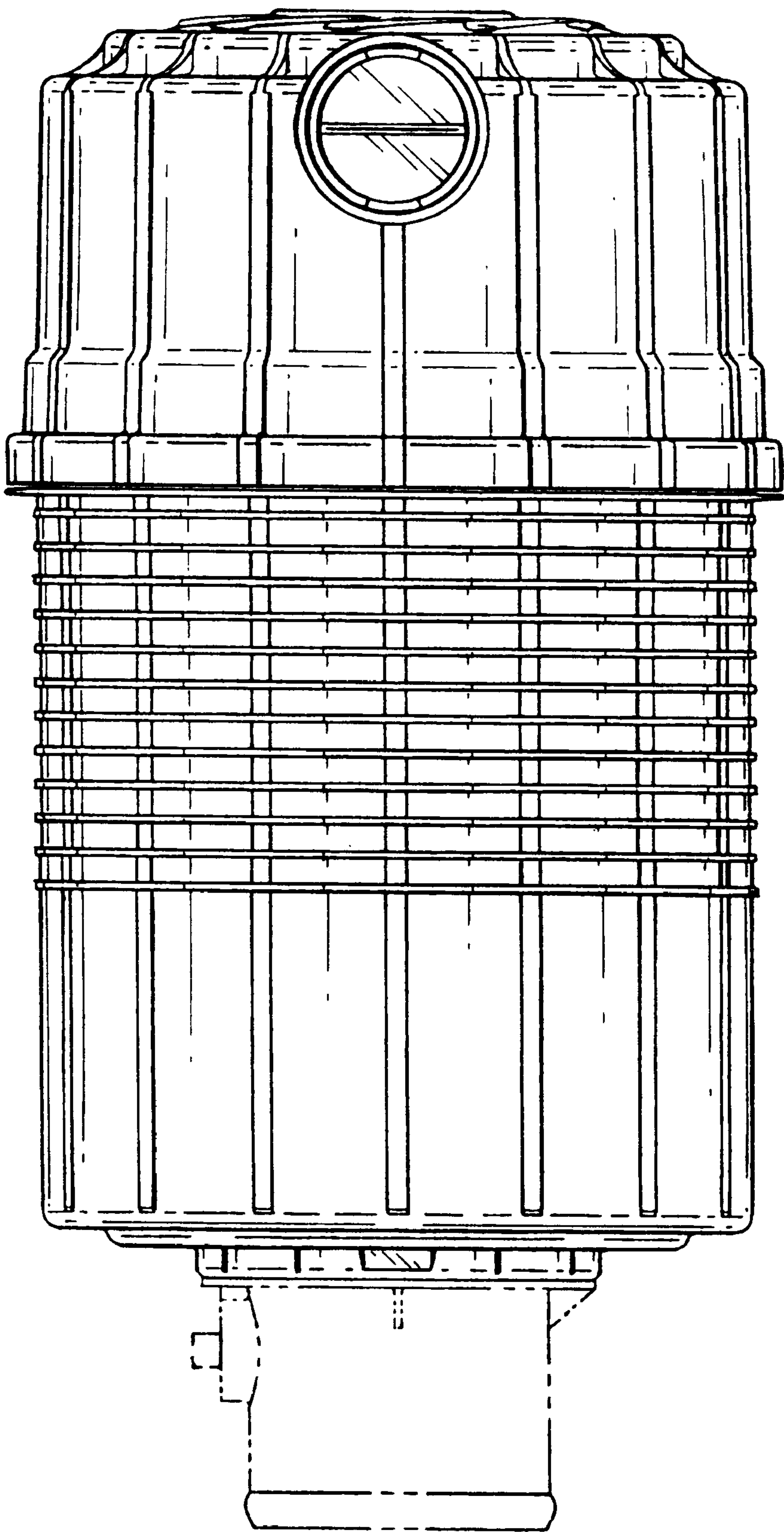


FIG. 3

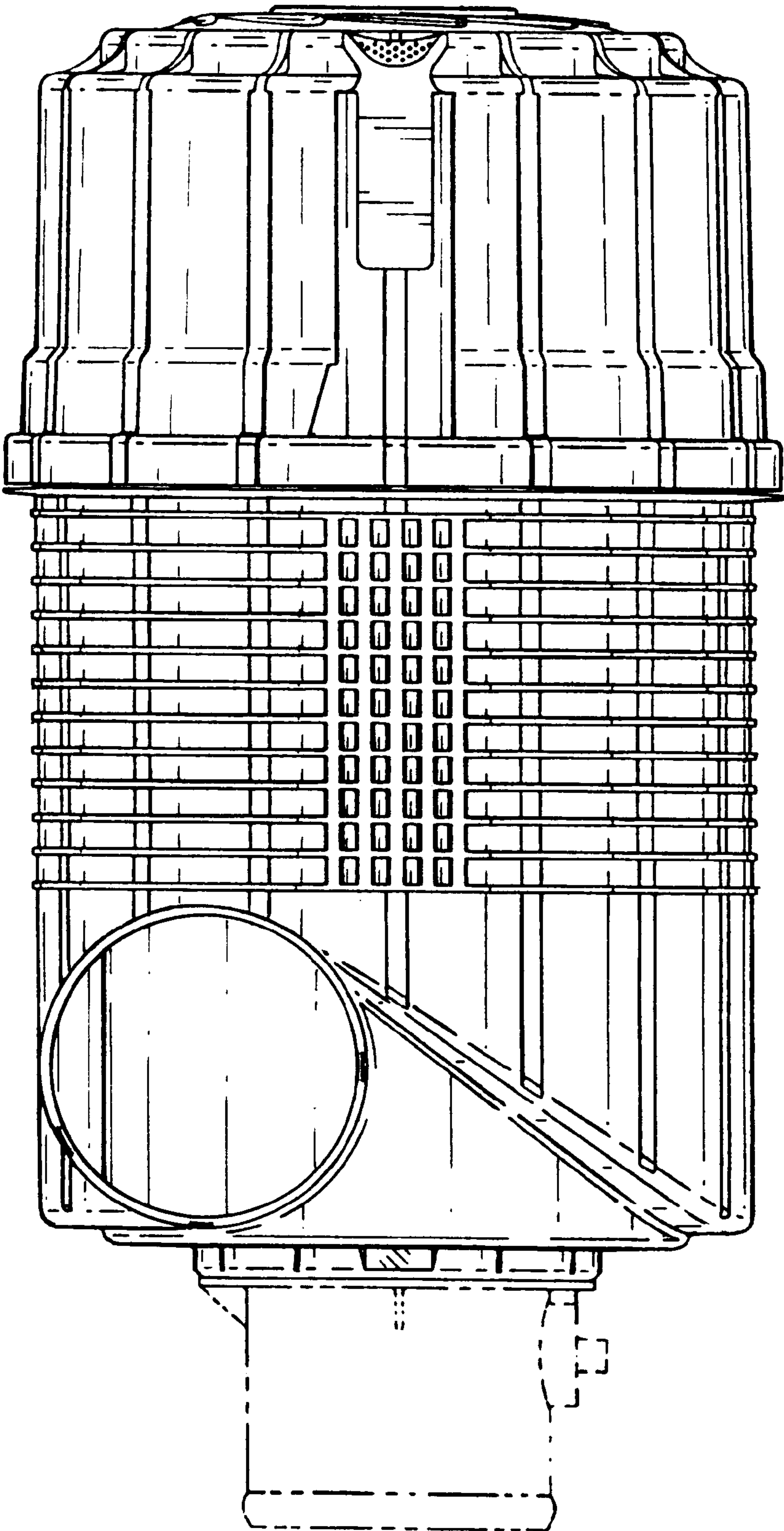


FIG. 4

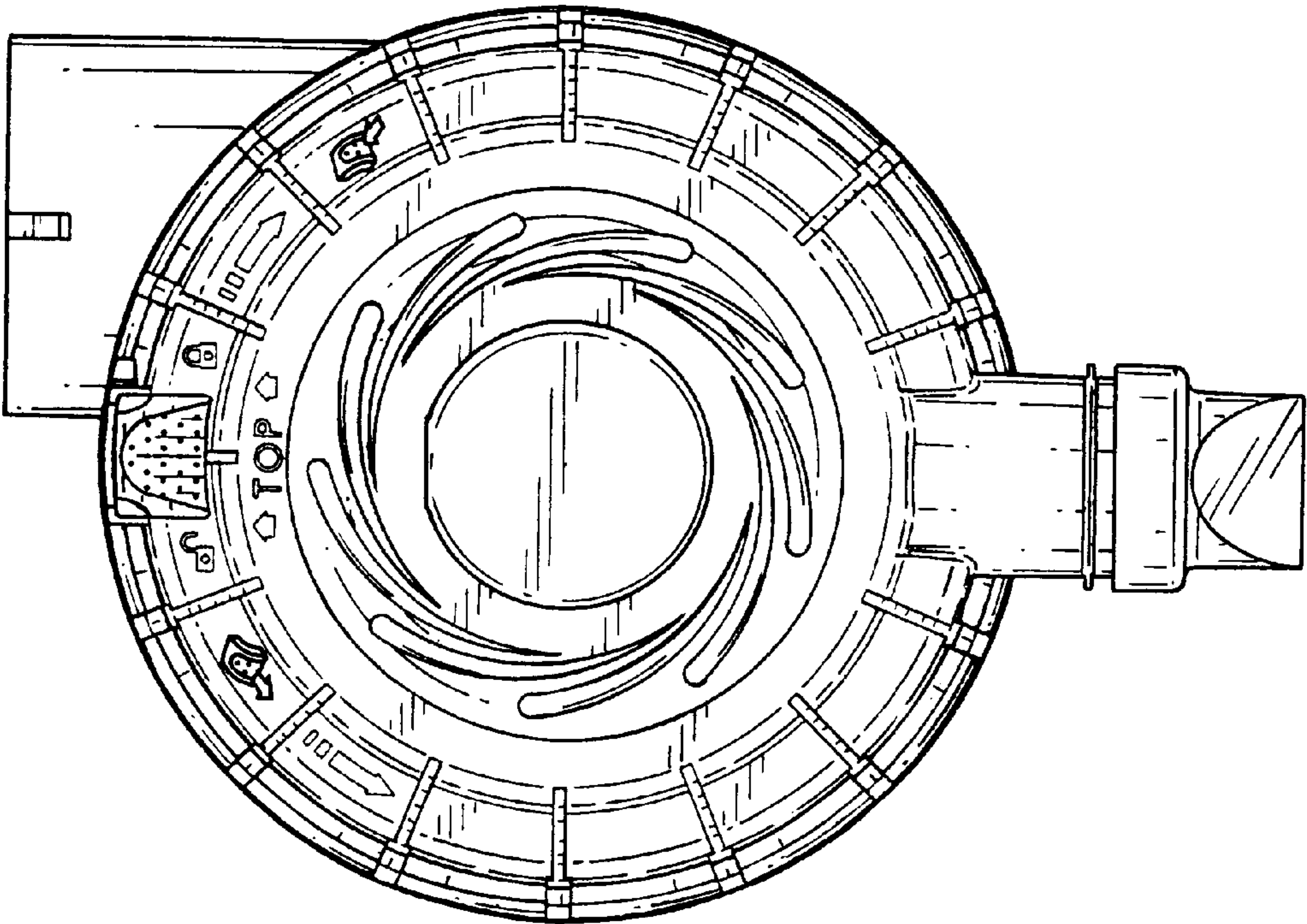


FIG. 5



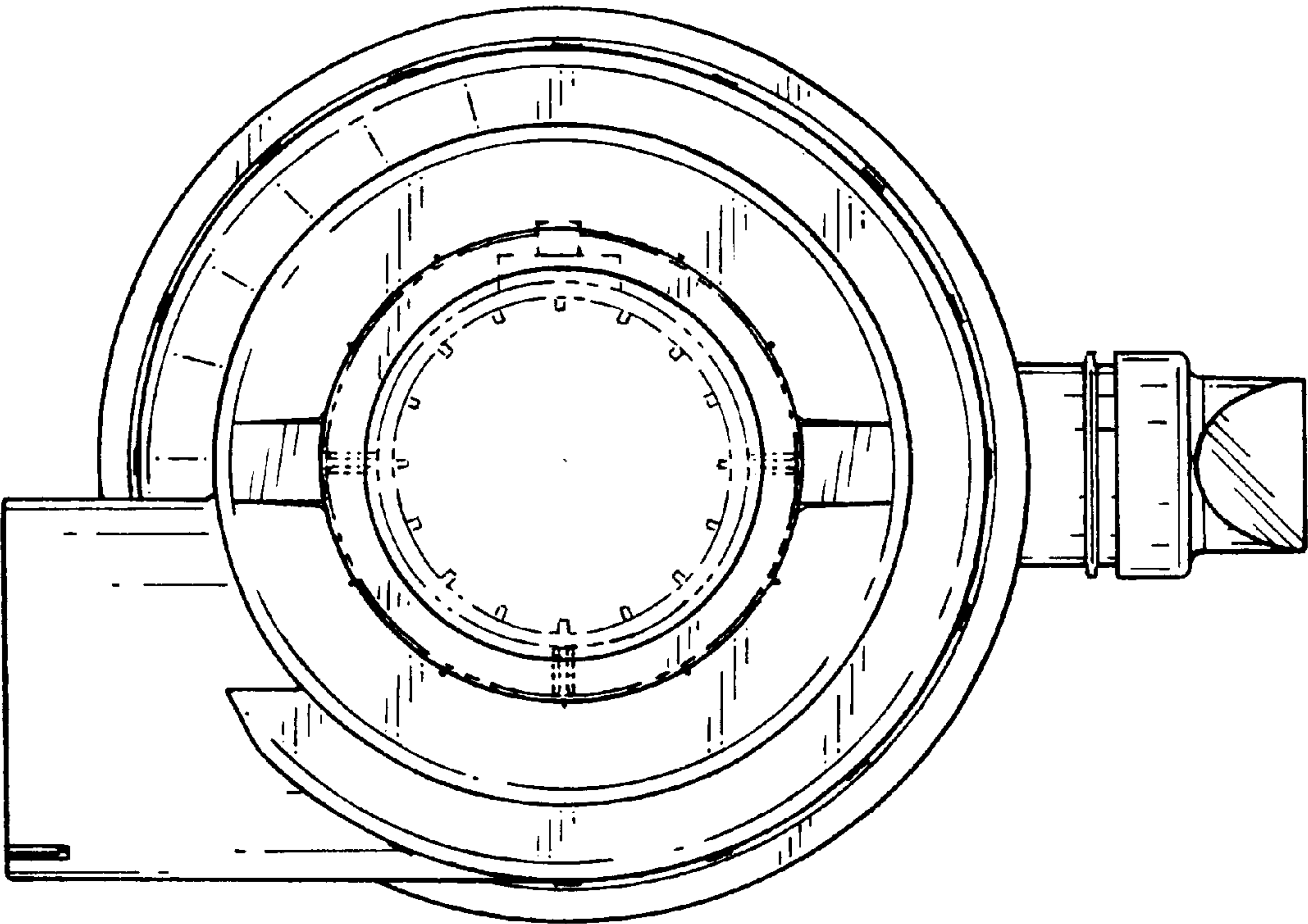


FIG. 6



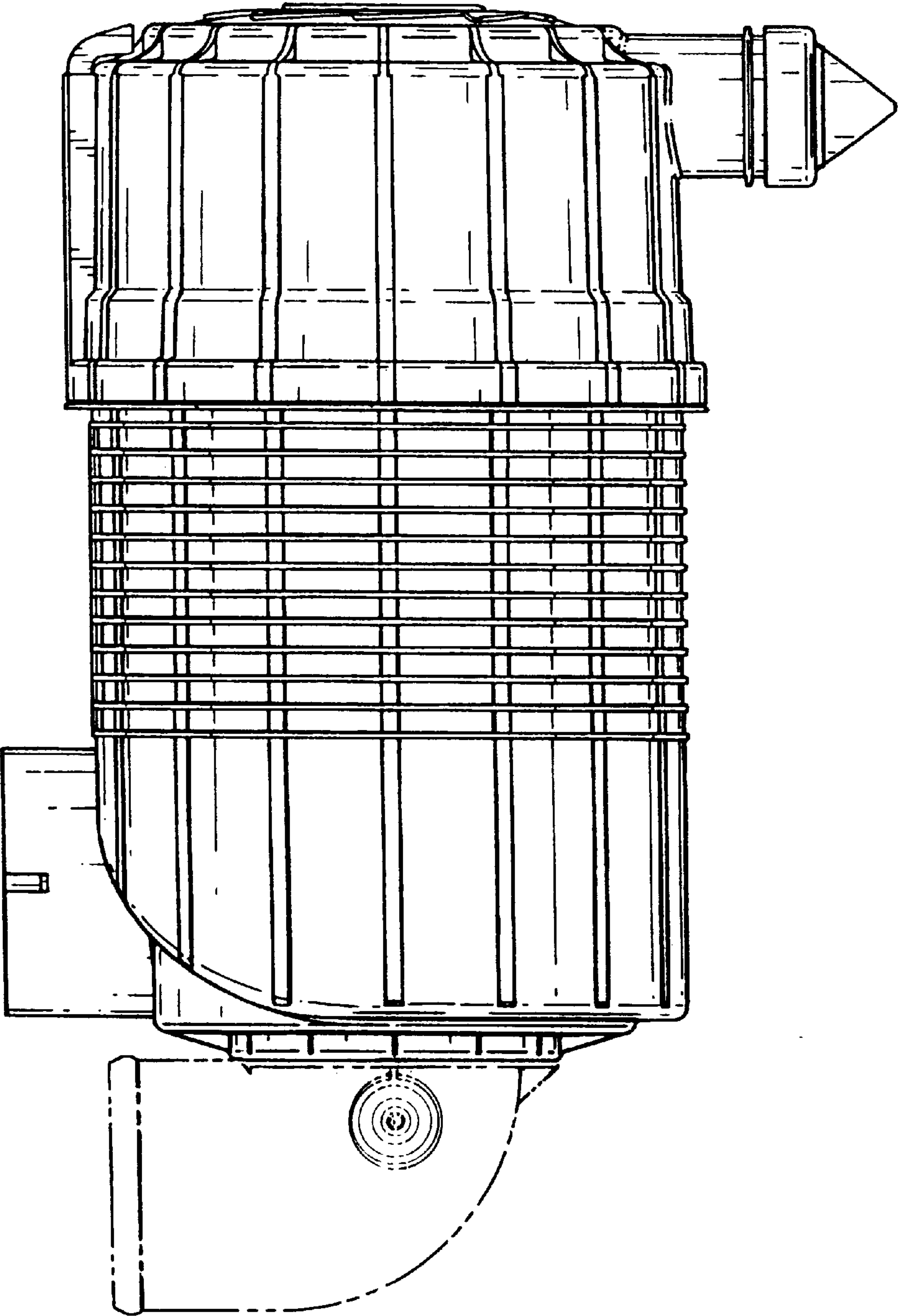


FIG. 7

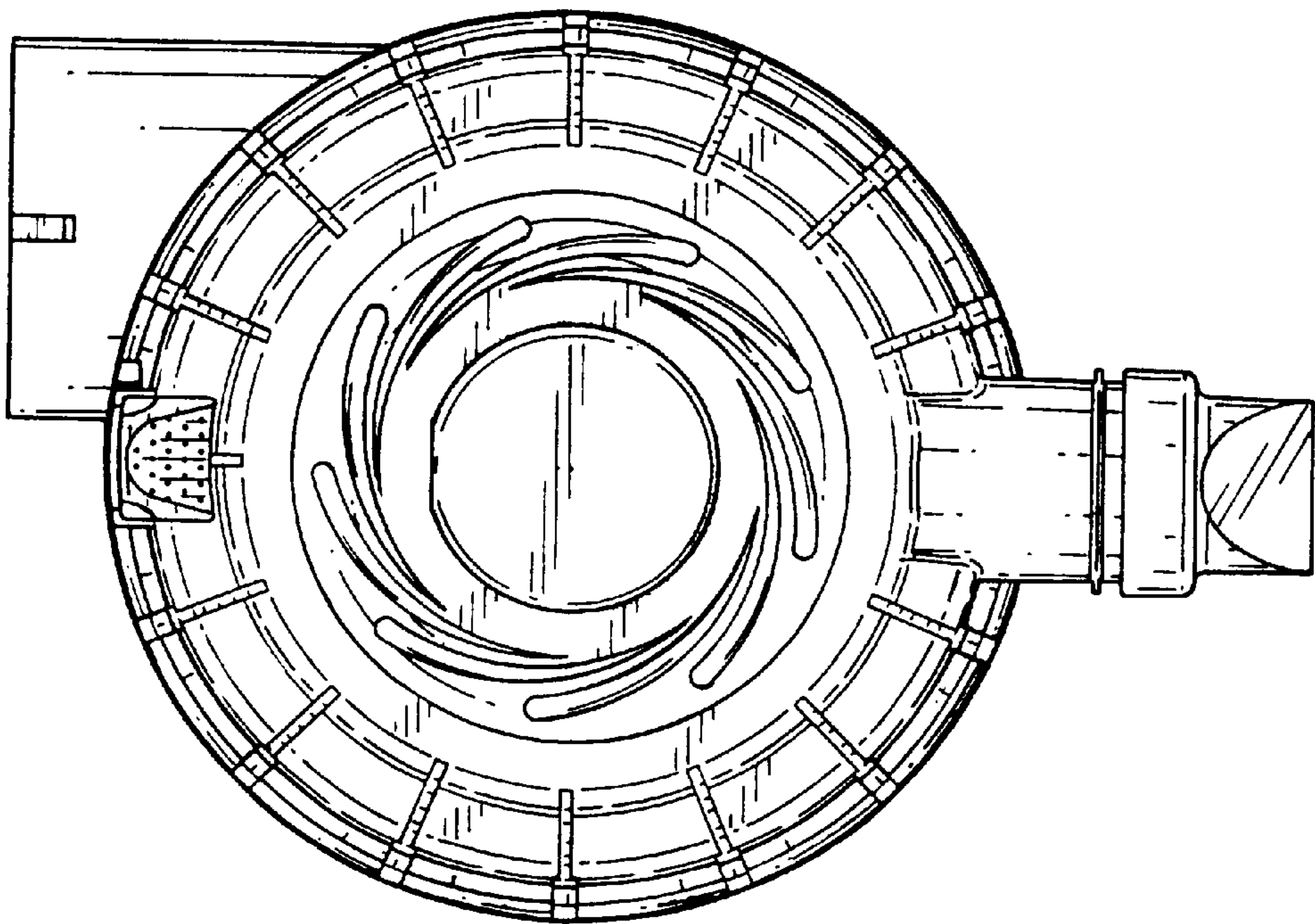


FIG. 8

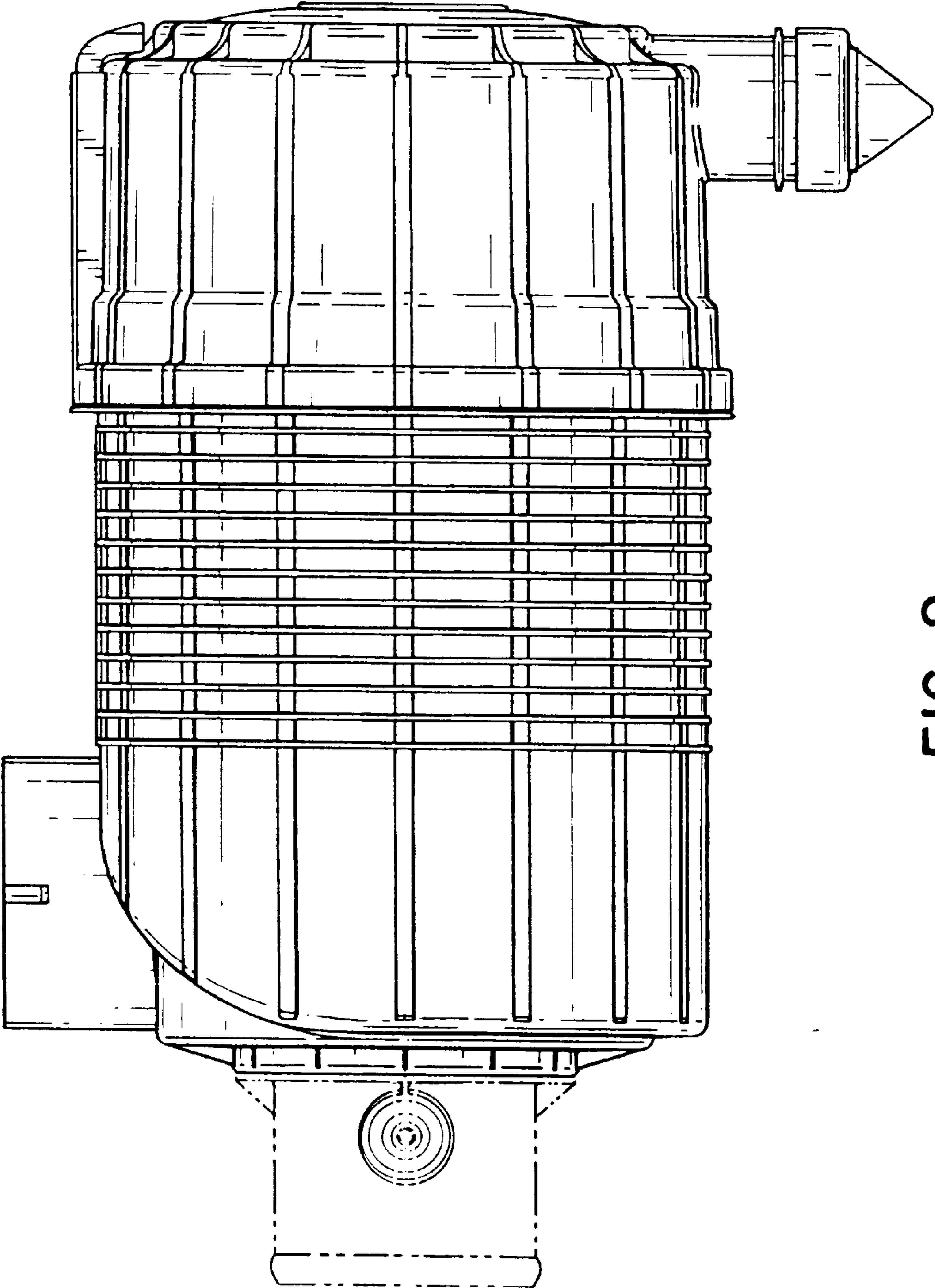


FIG. 9



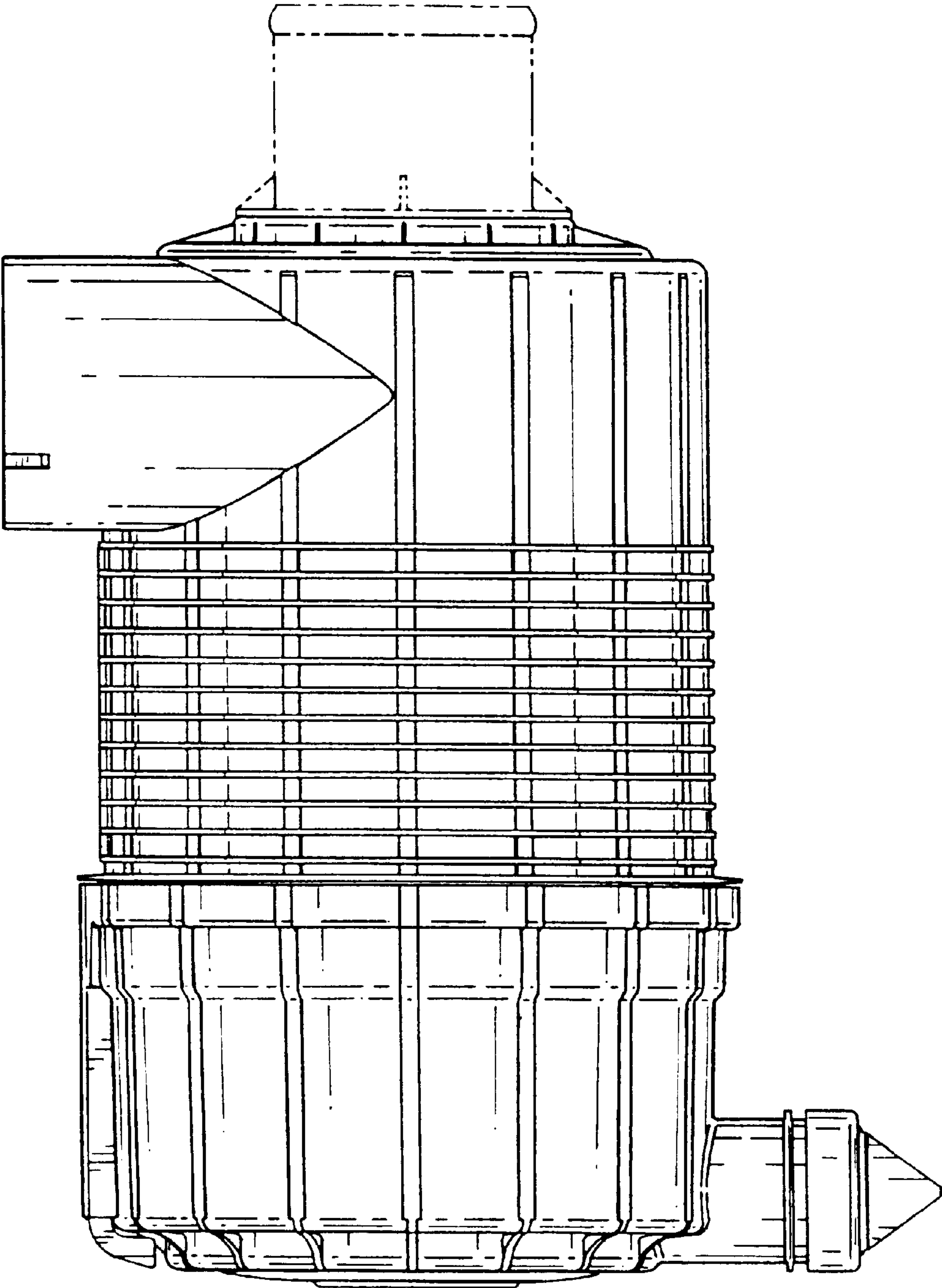


FIG. 10

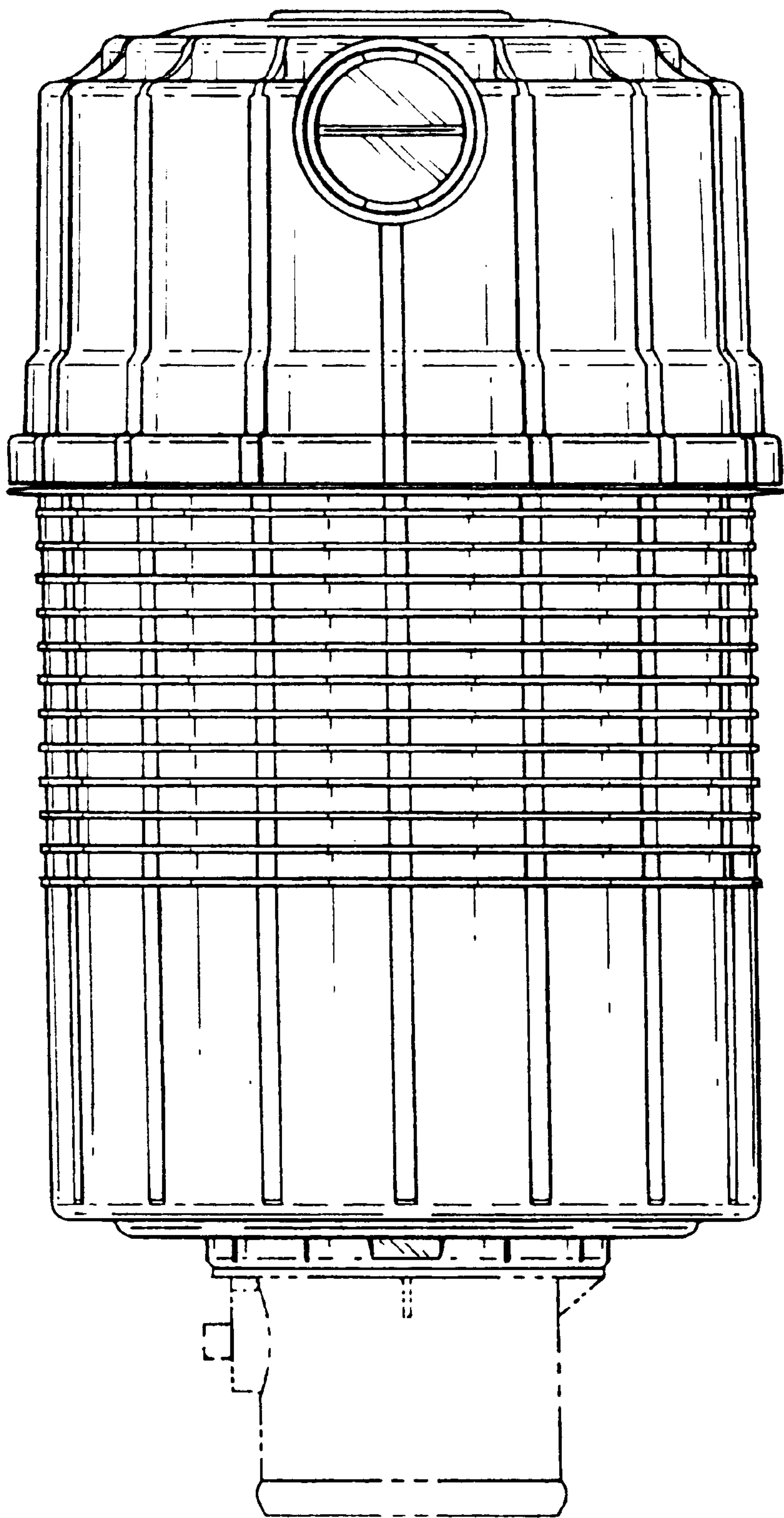


FIG. 11

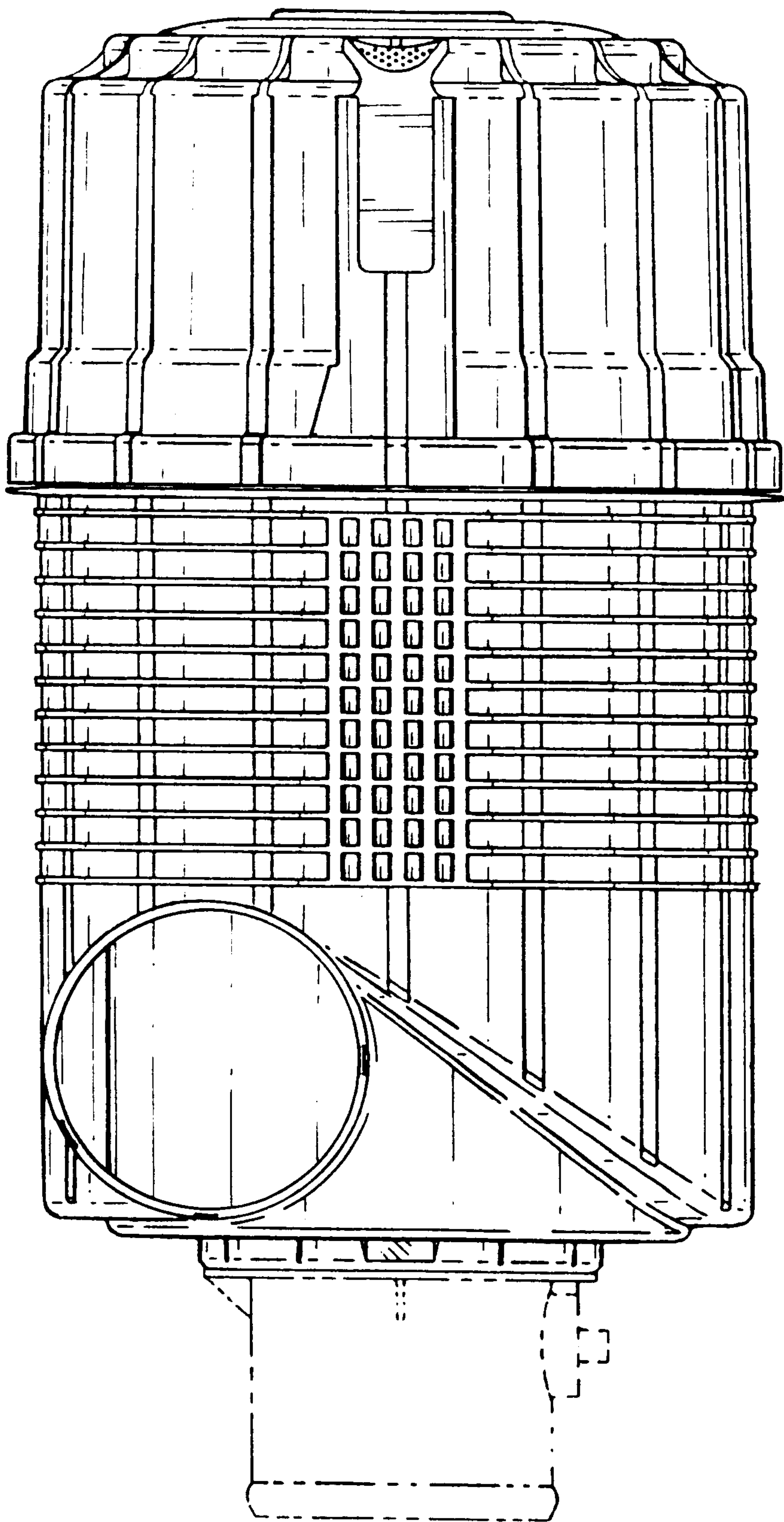


FIG. 12



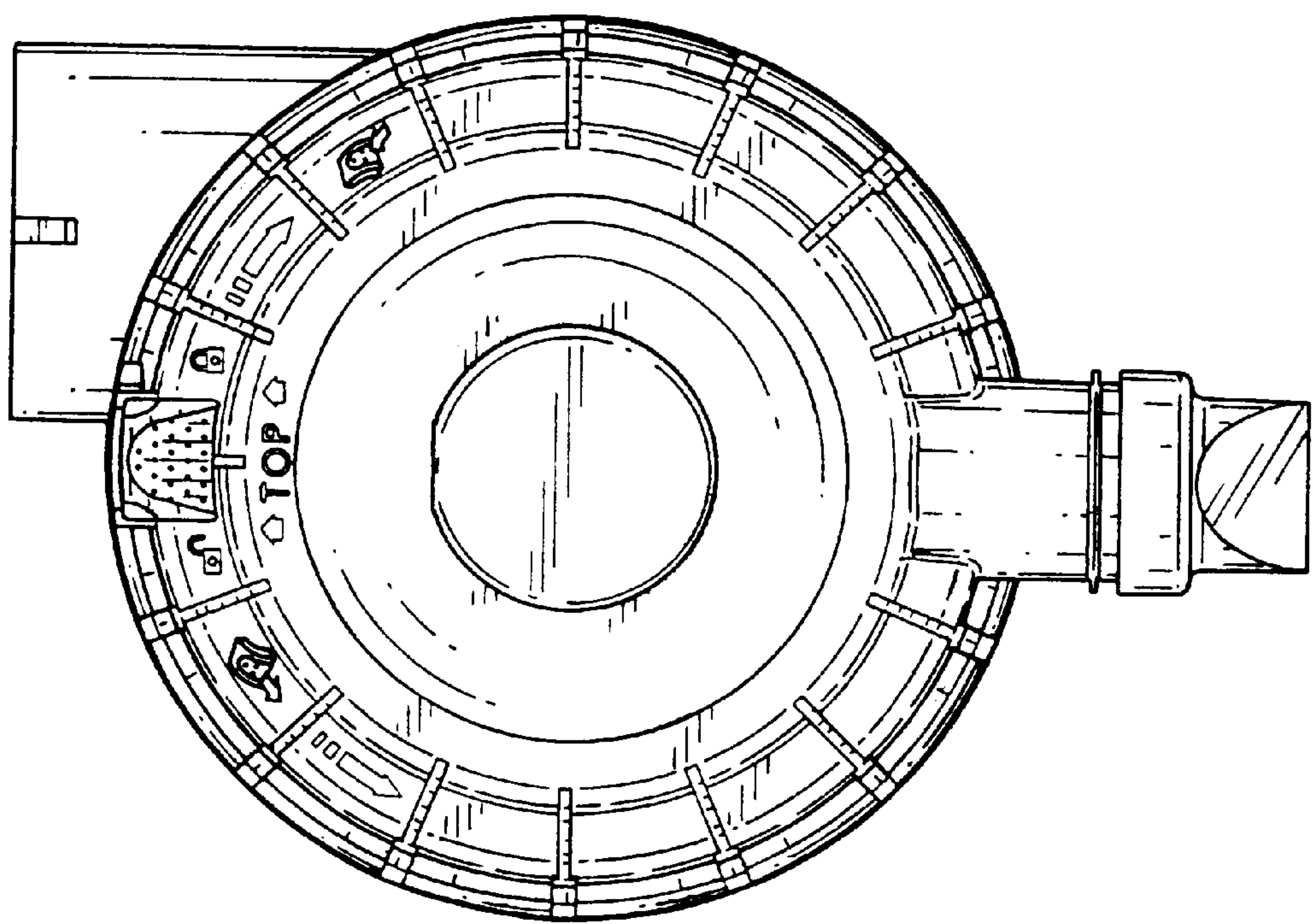


FIG. 13

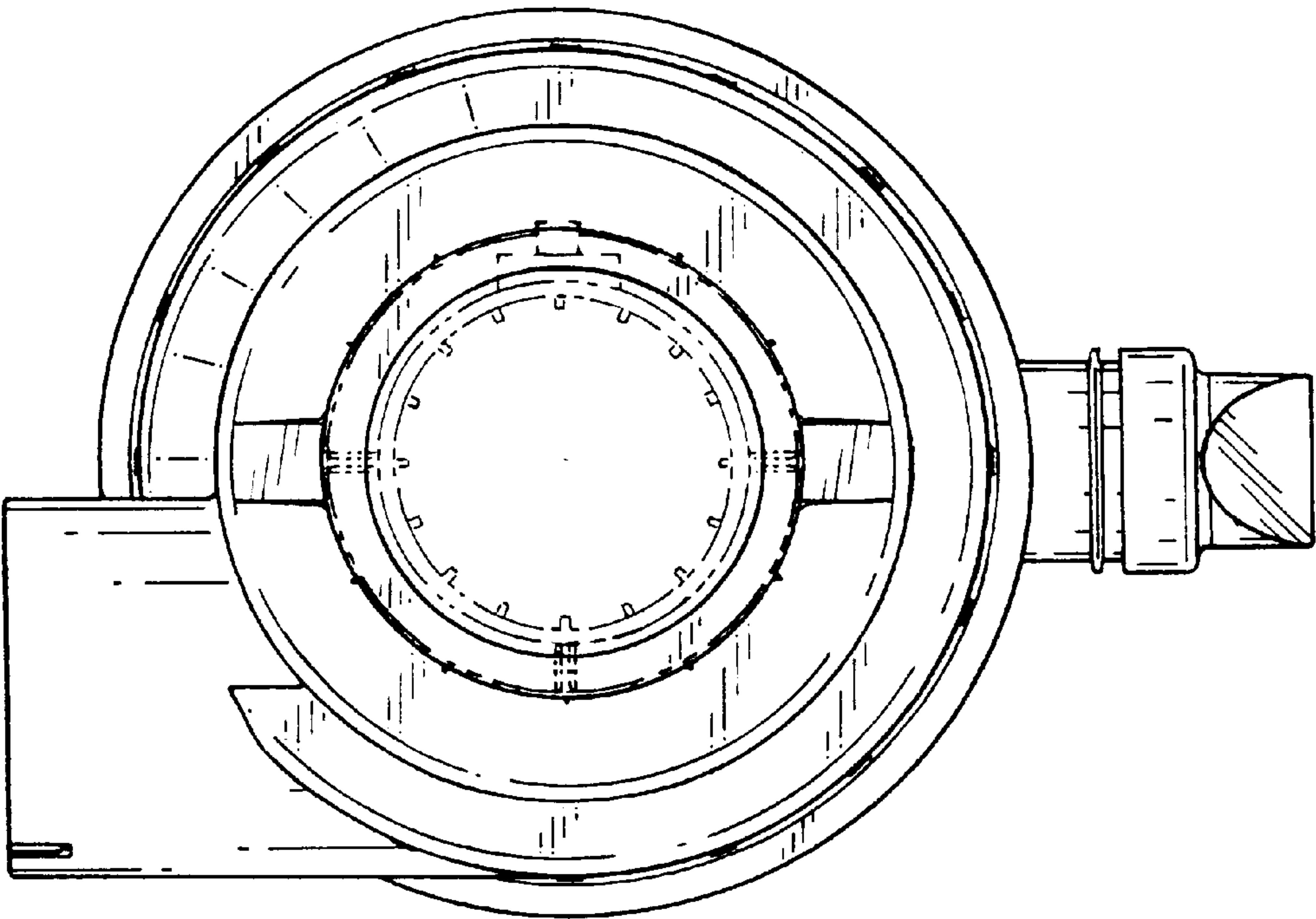


FIG. 14

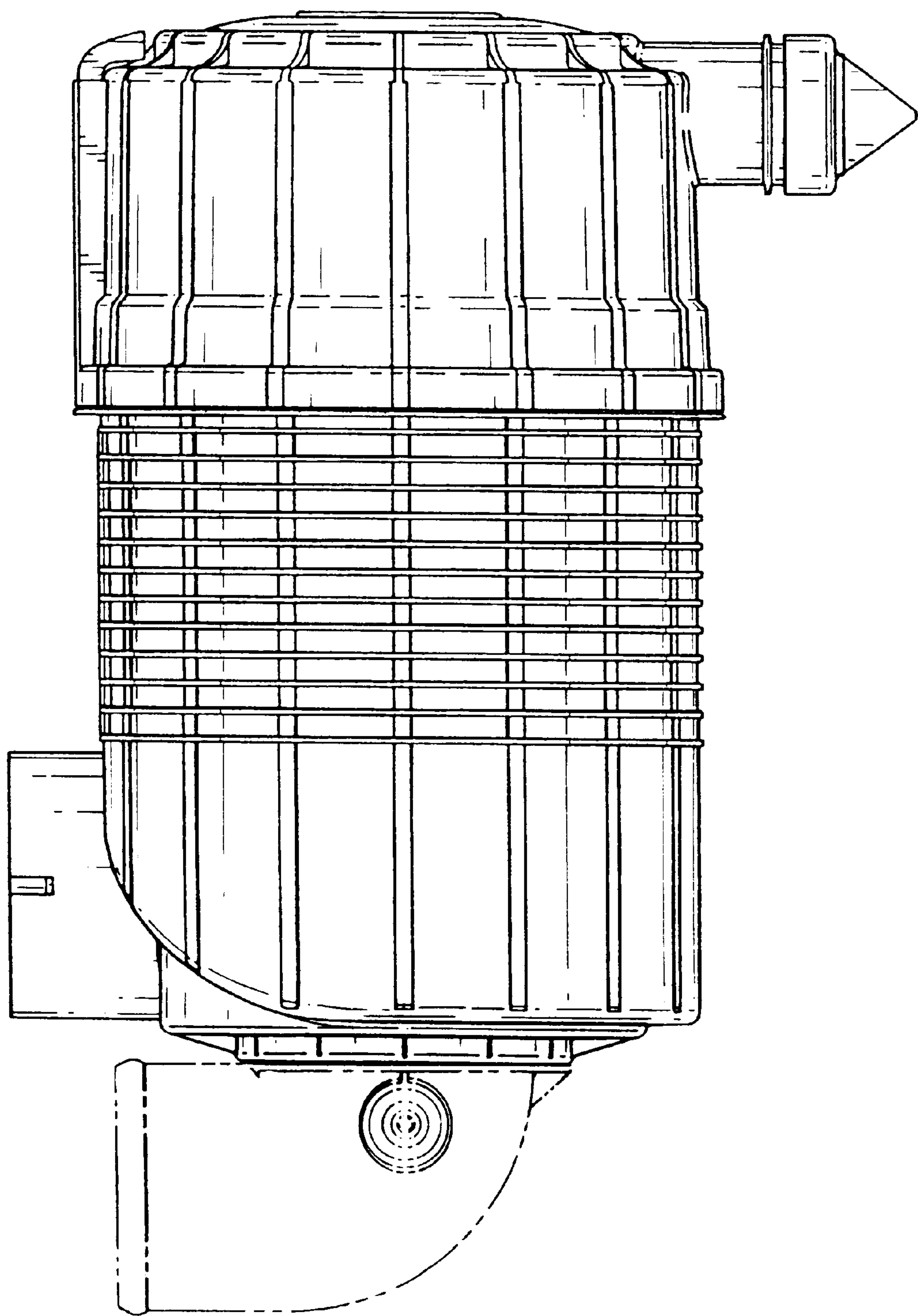


FIG. 15



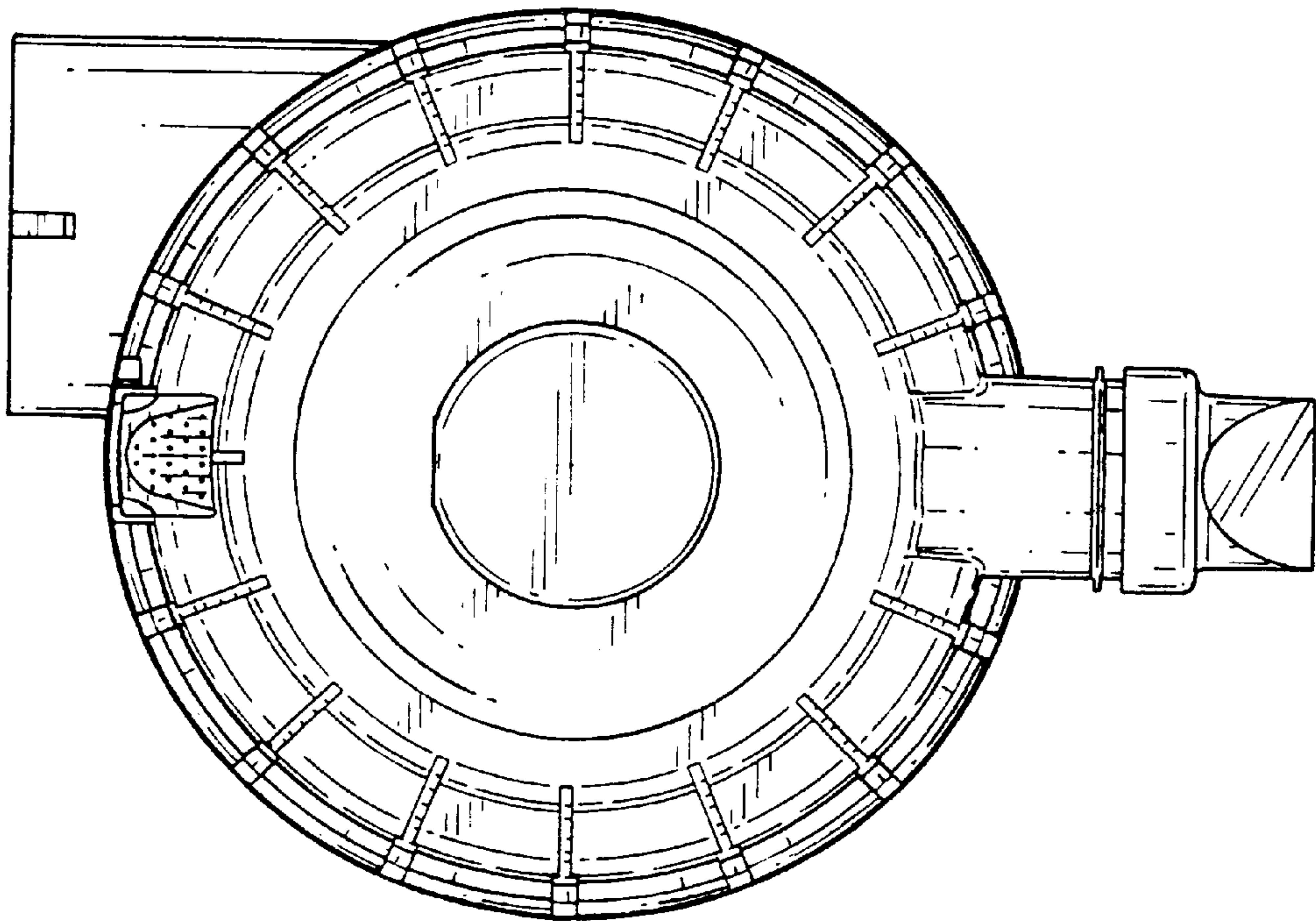


FIG. 16

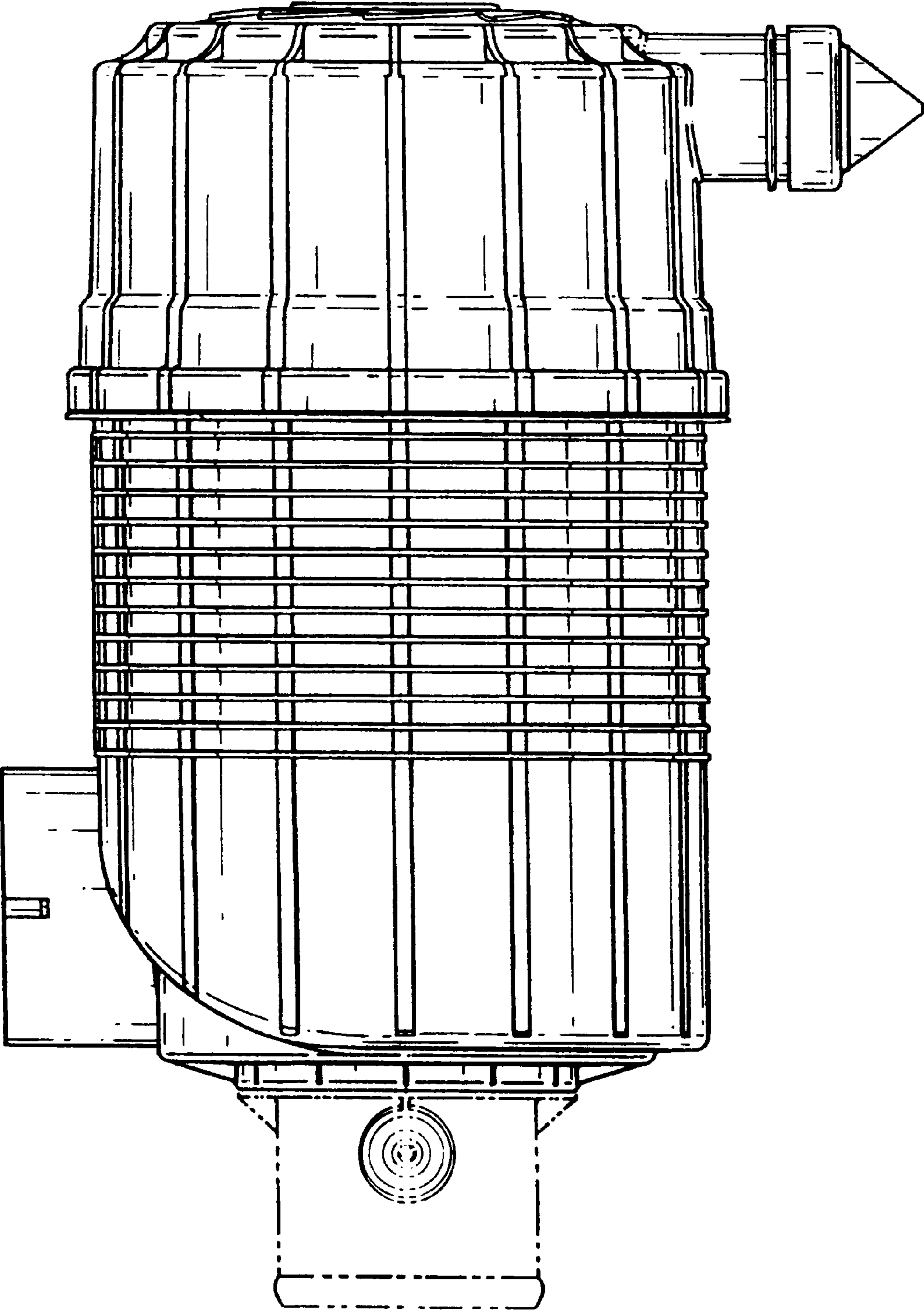


FIG. 17

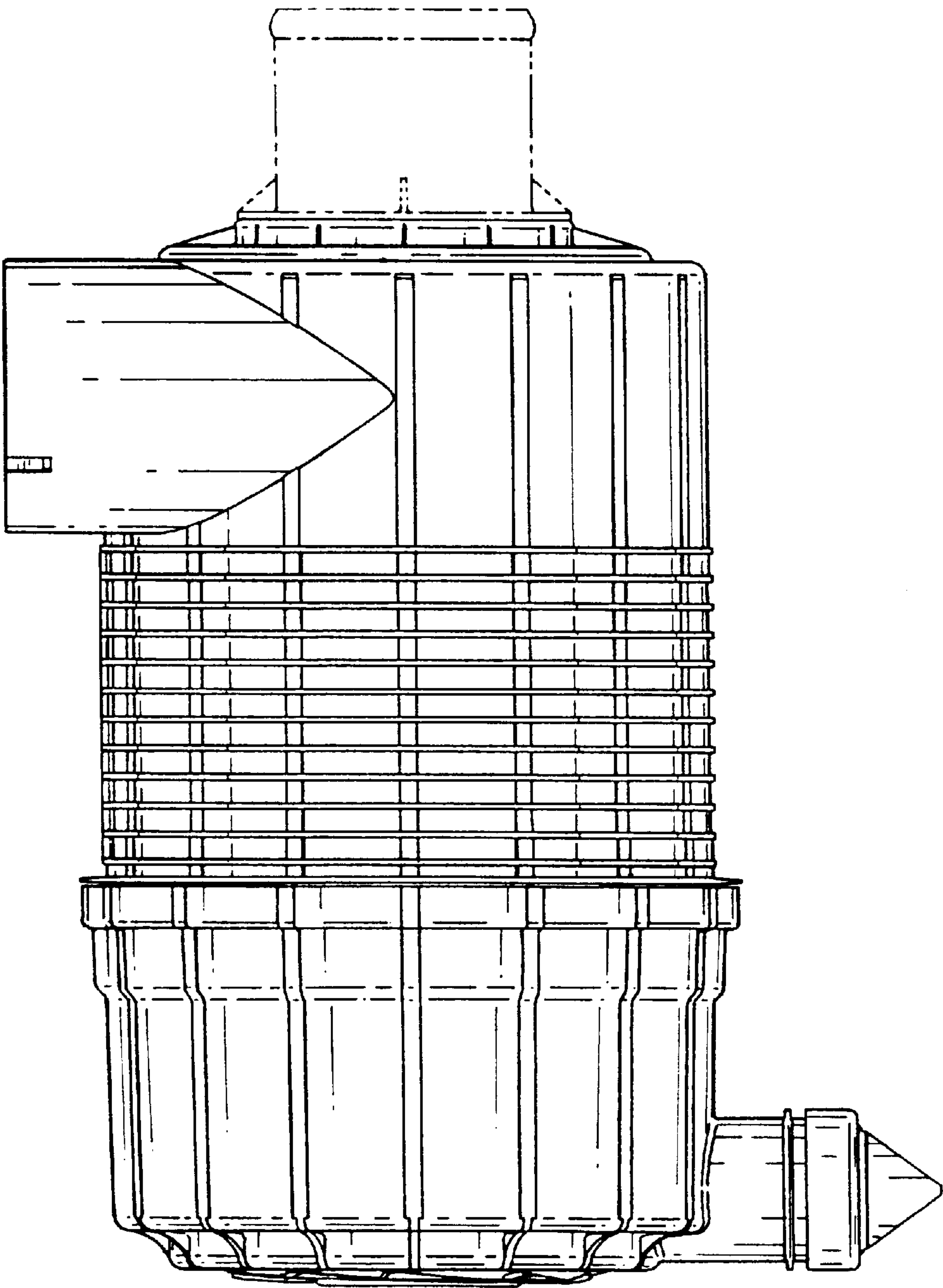


FIG. 18



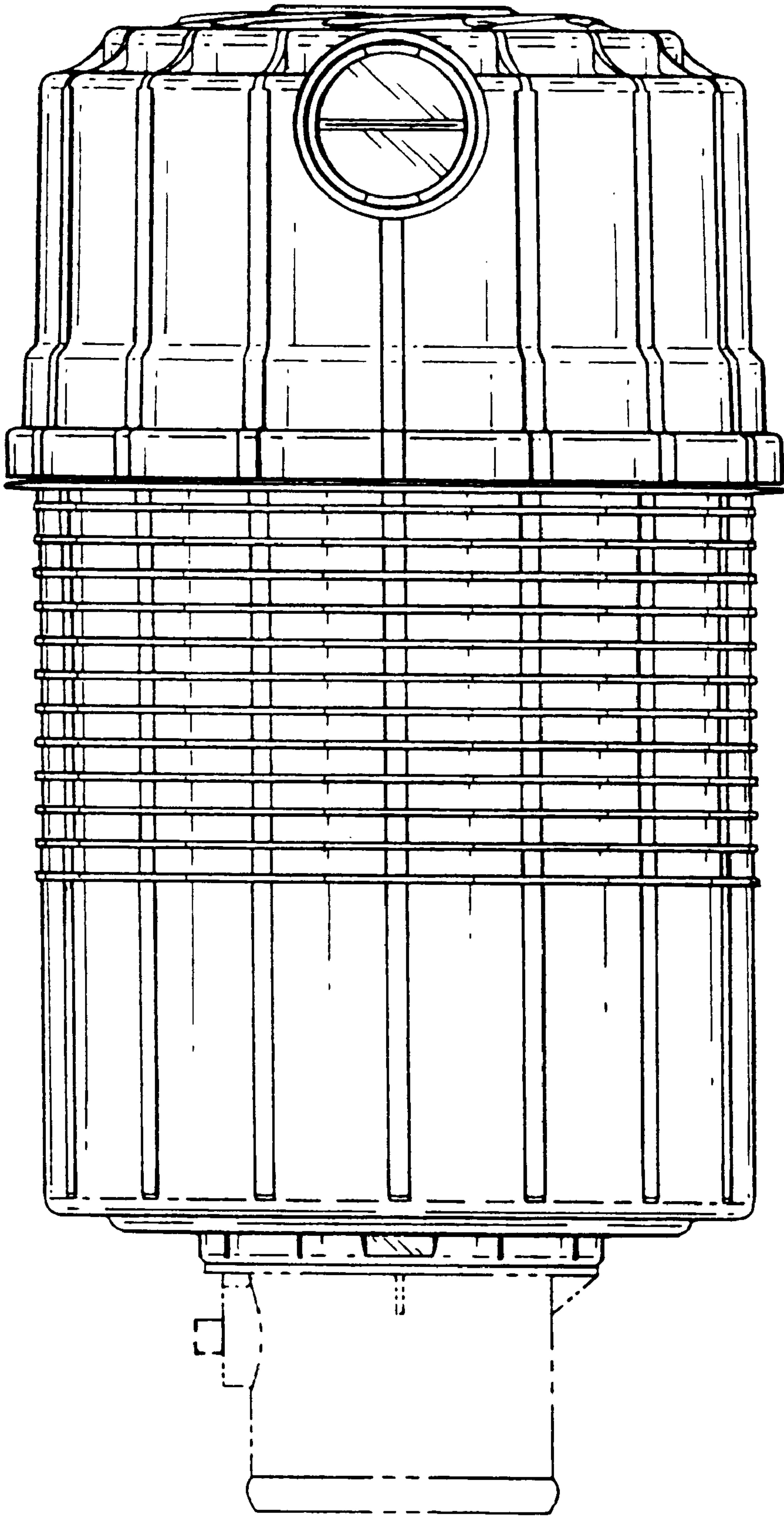


FIG. 19

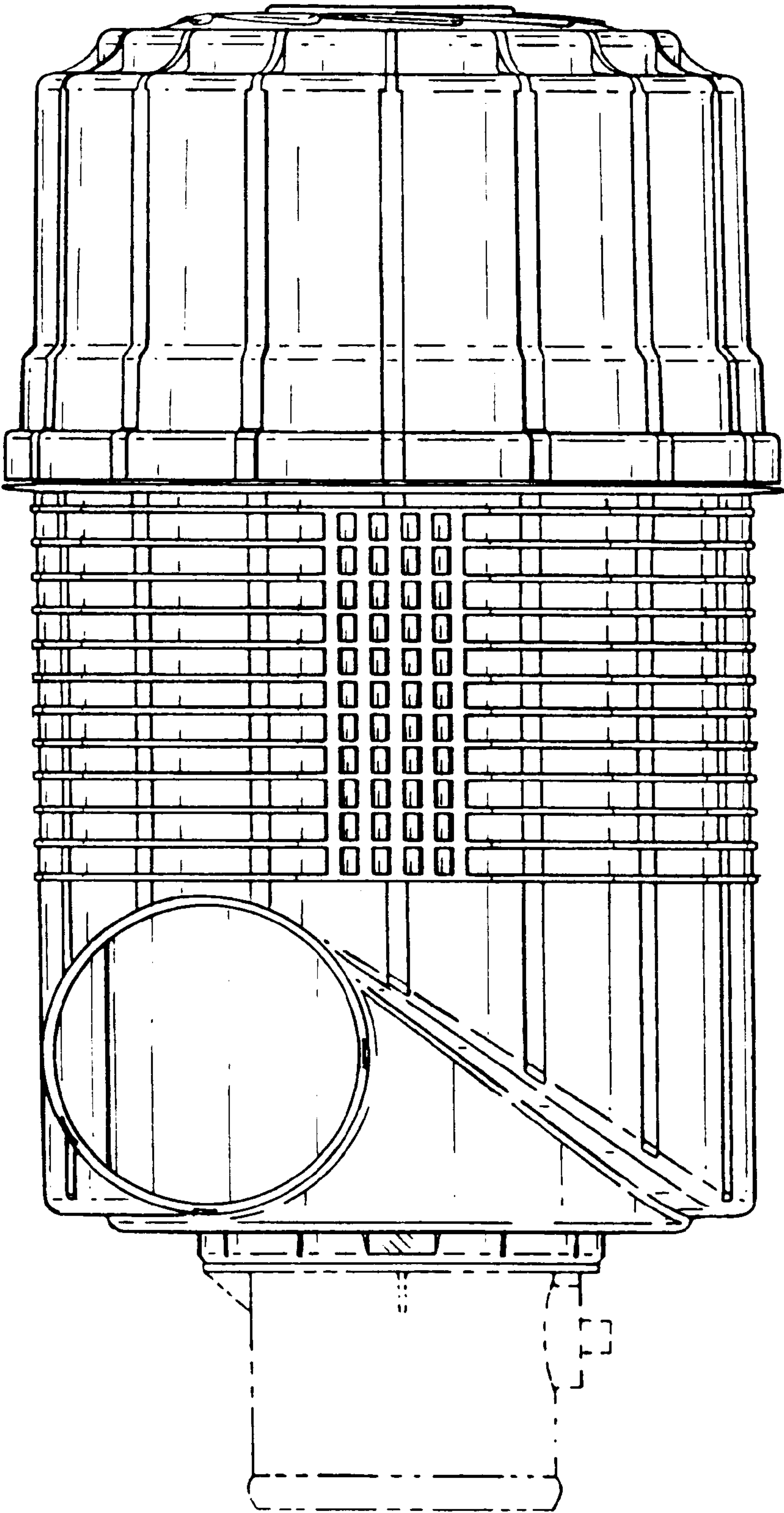


FIG. 20

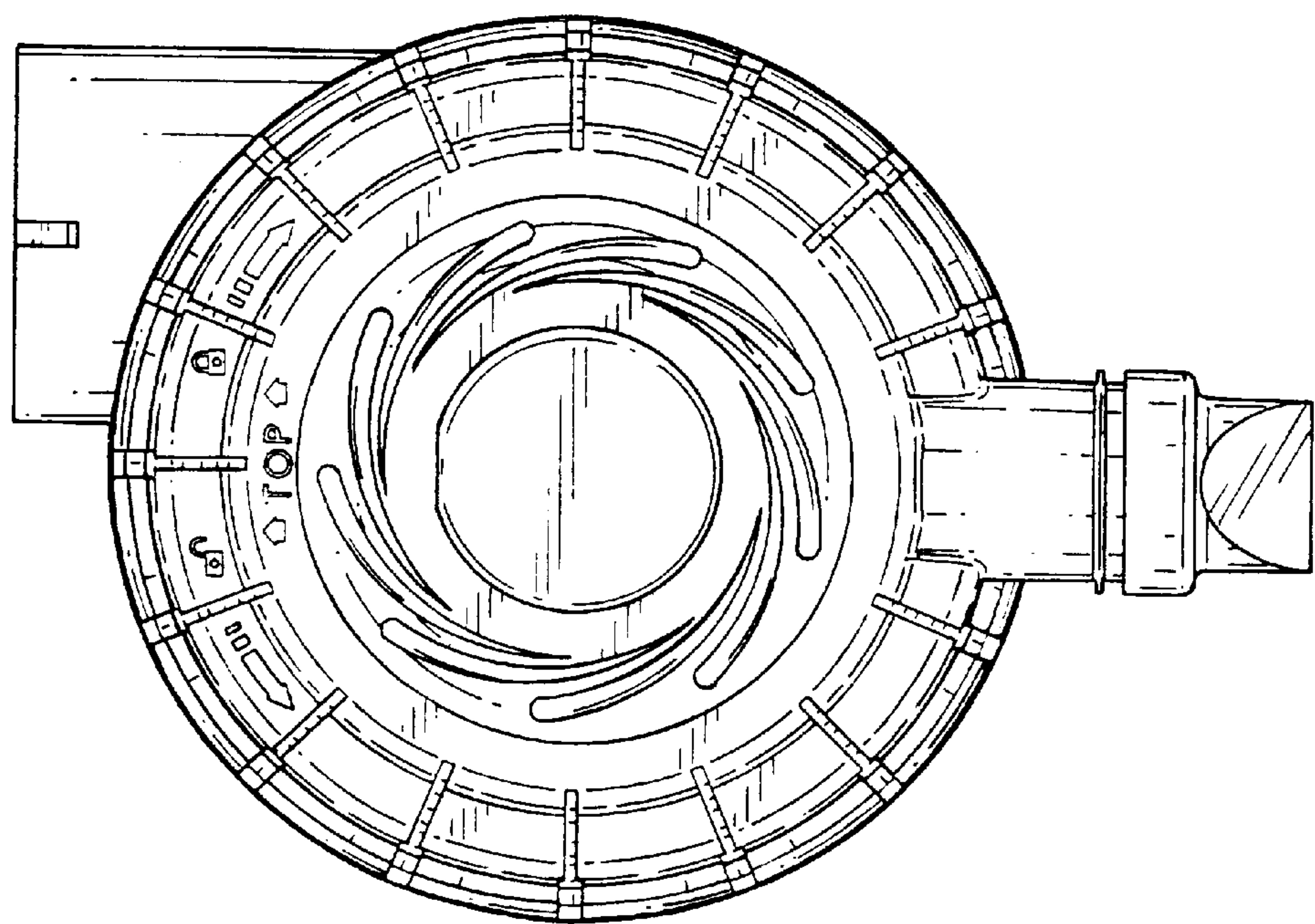


FIG. 21

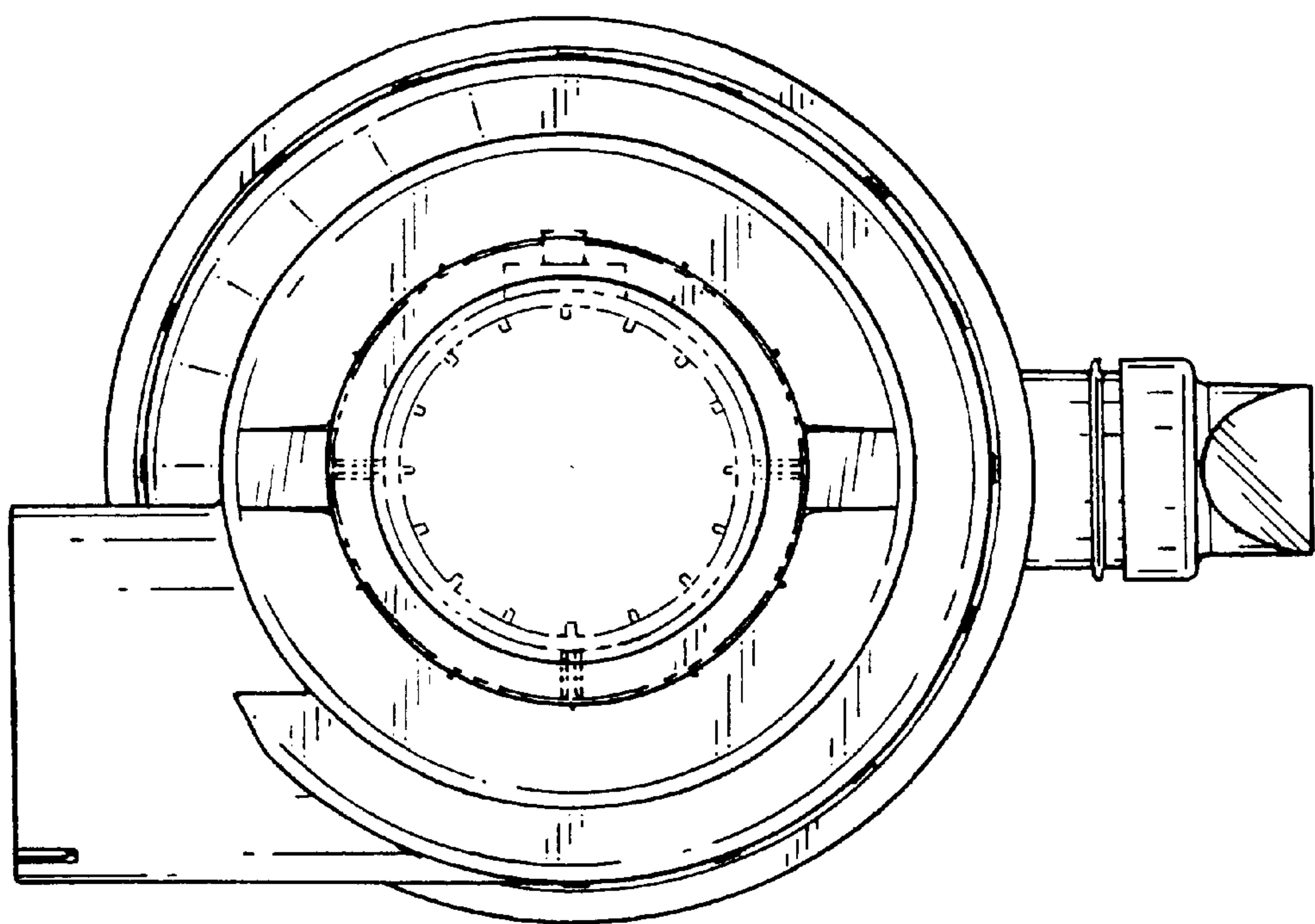


FIG. 22



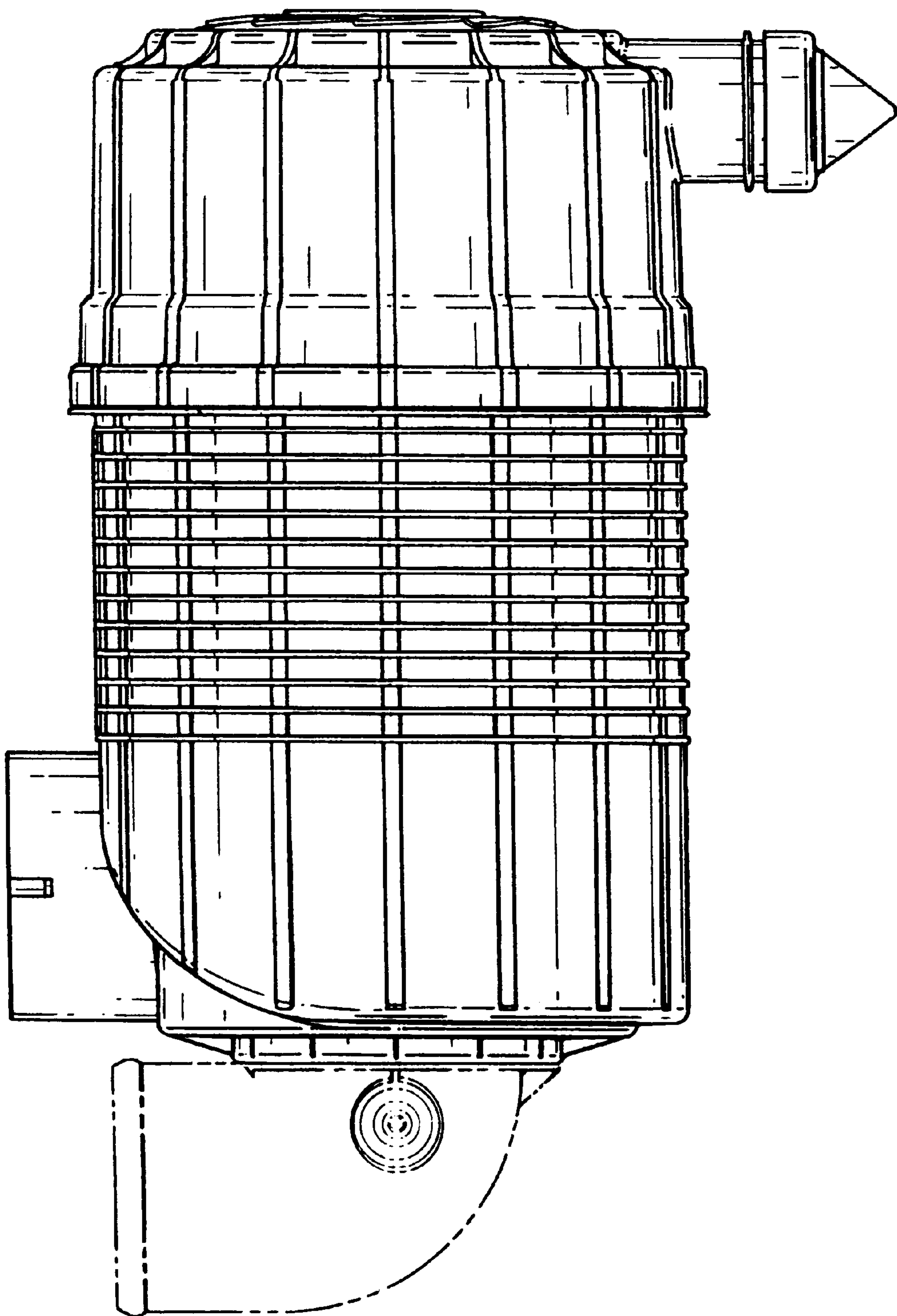


FIG. 23

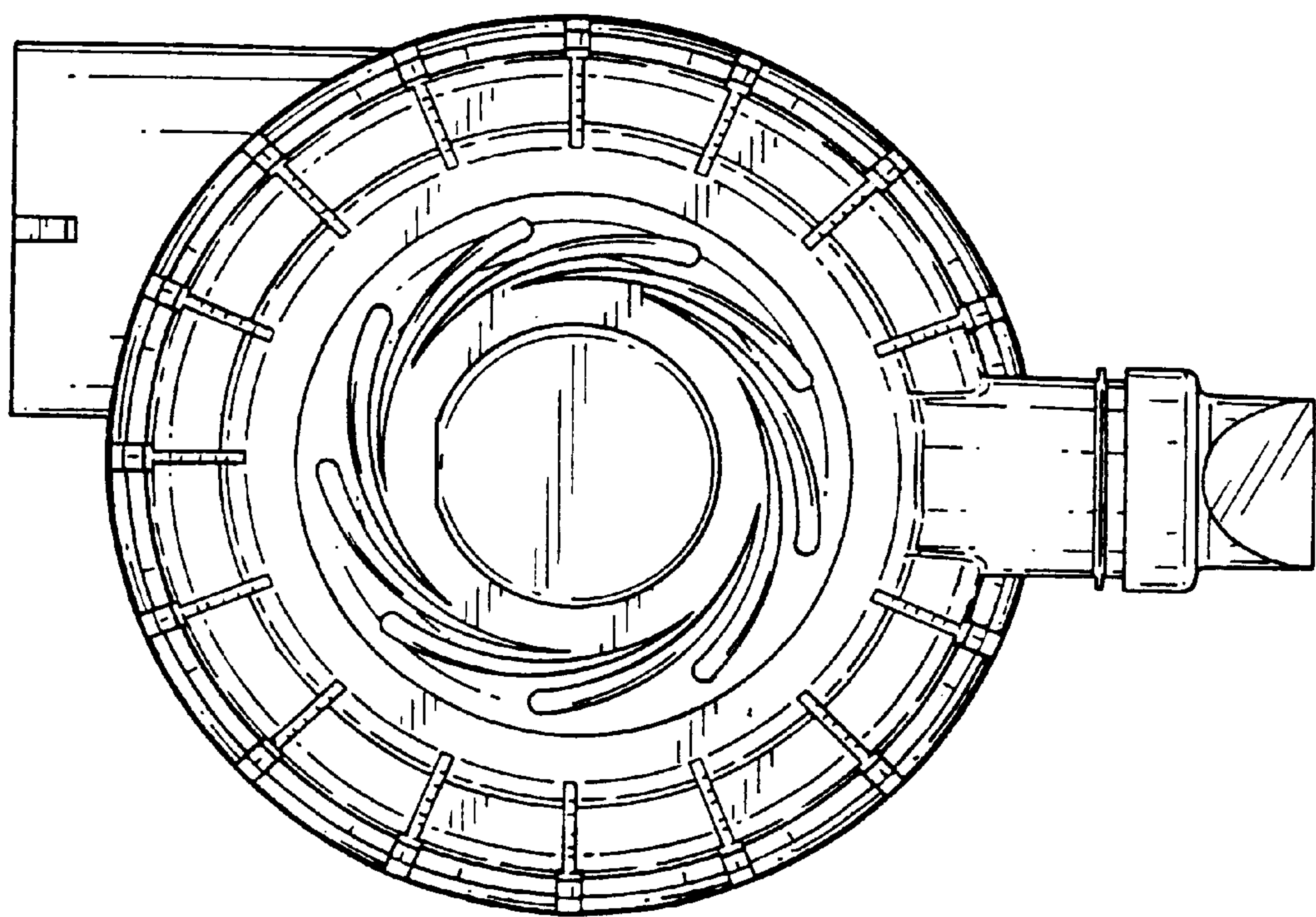


FIG. 24

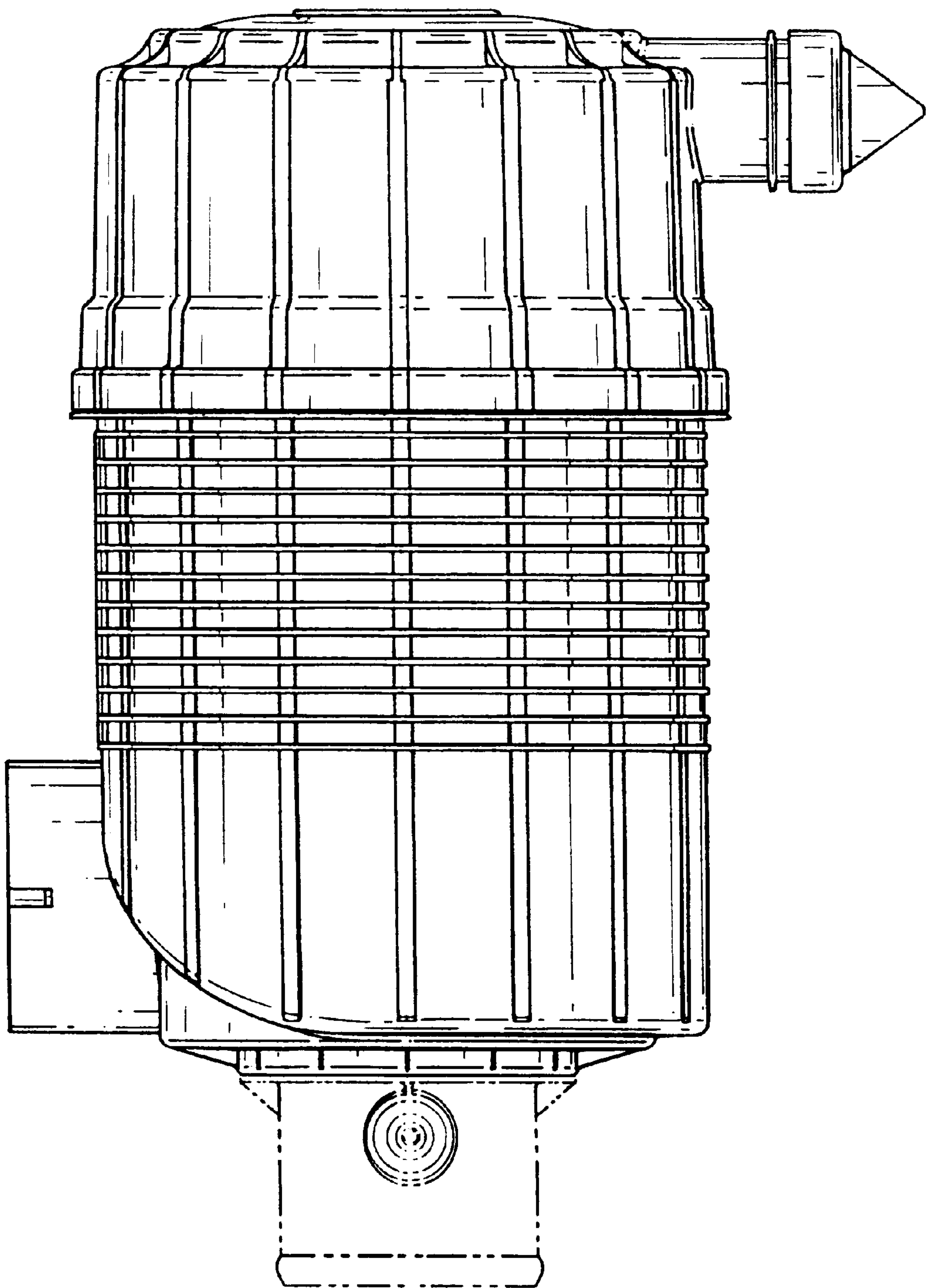


FIG. 25

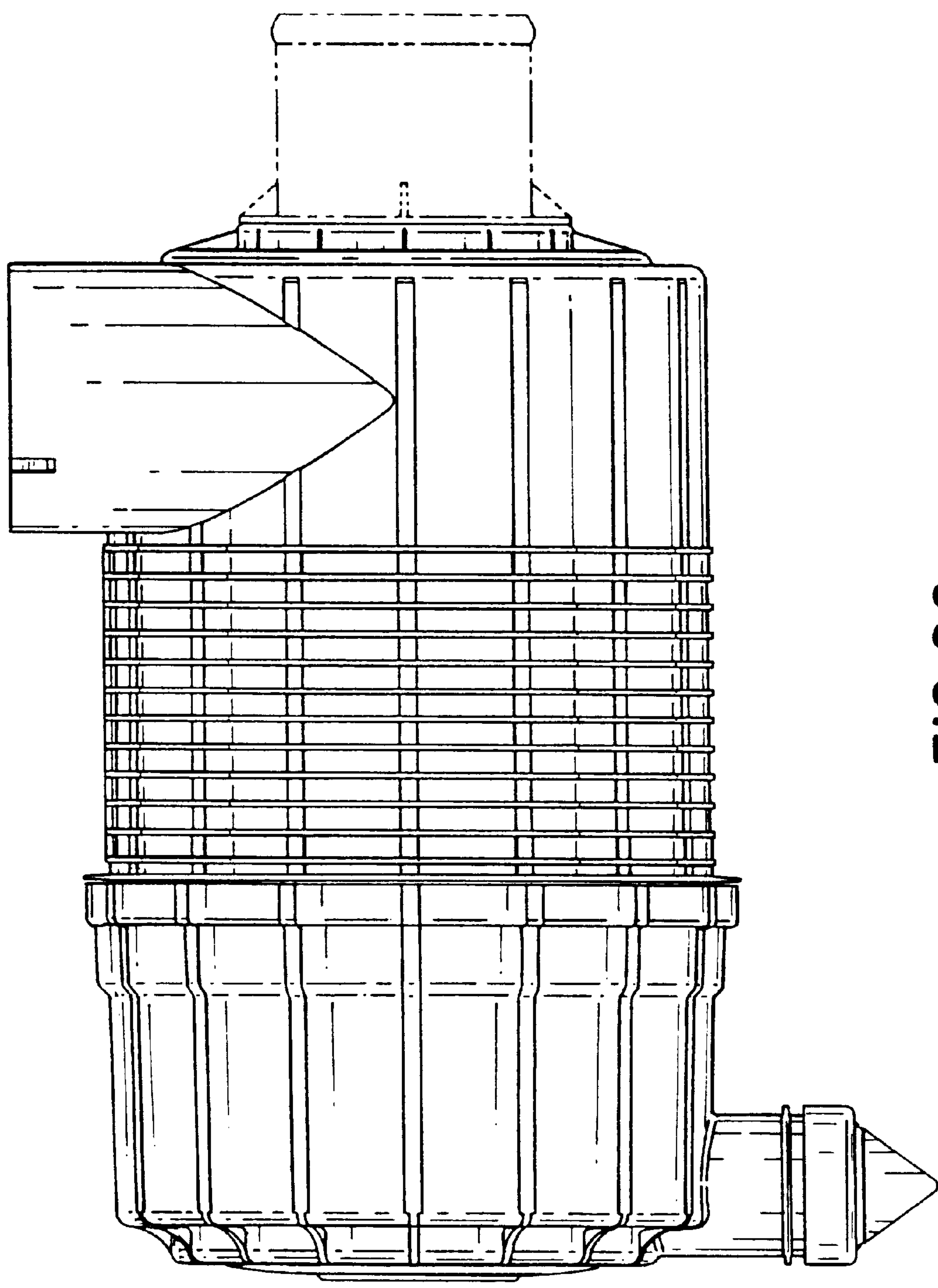


FIG. 26



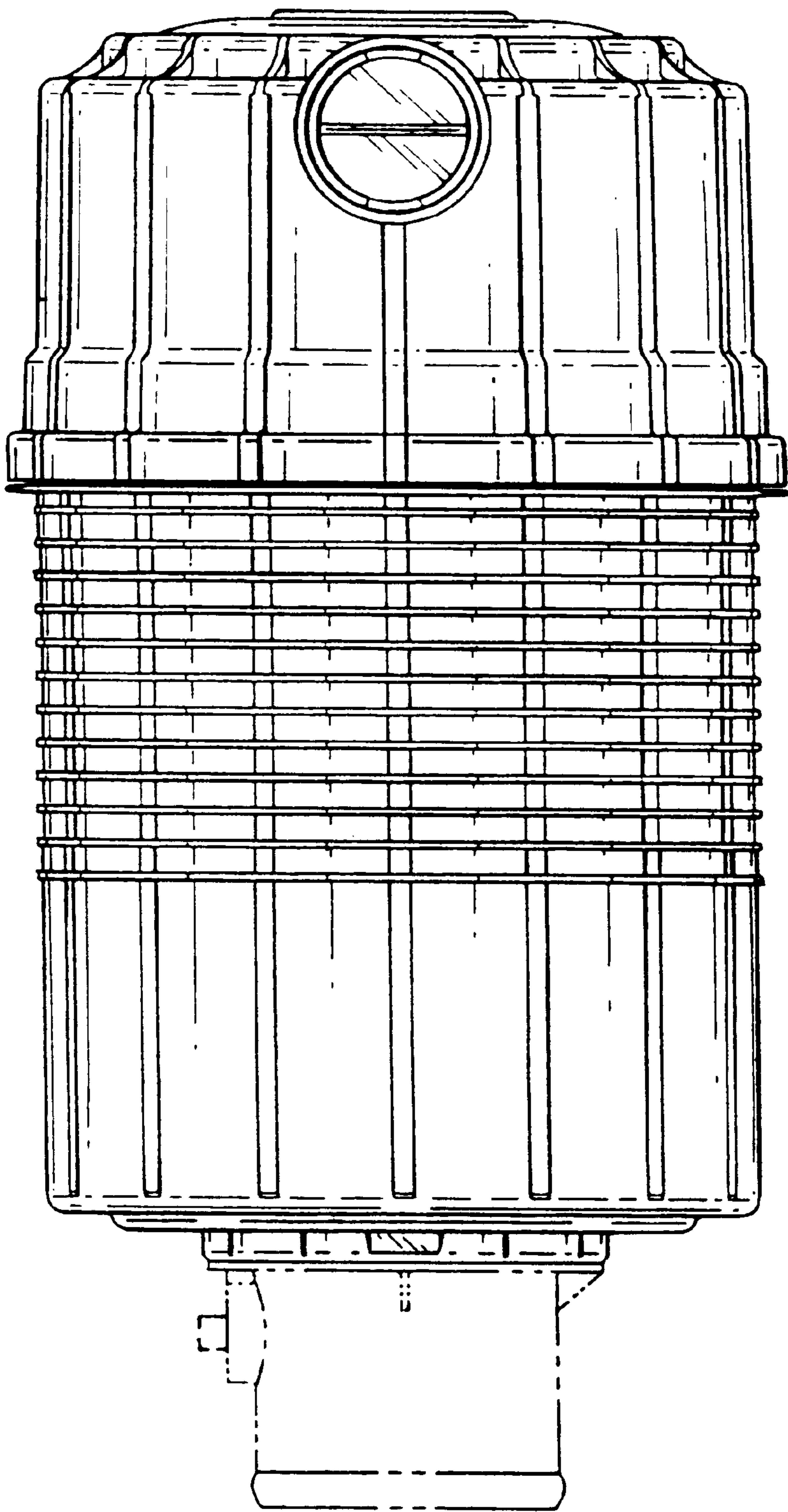


FIG. 27

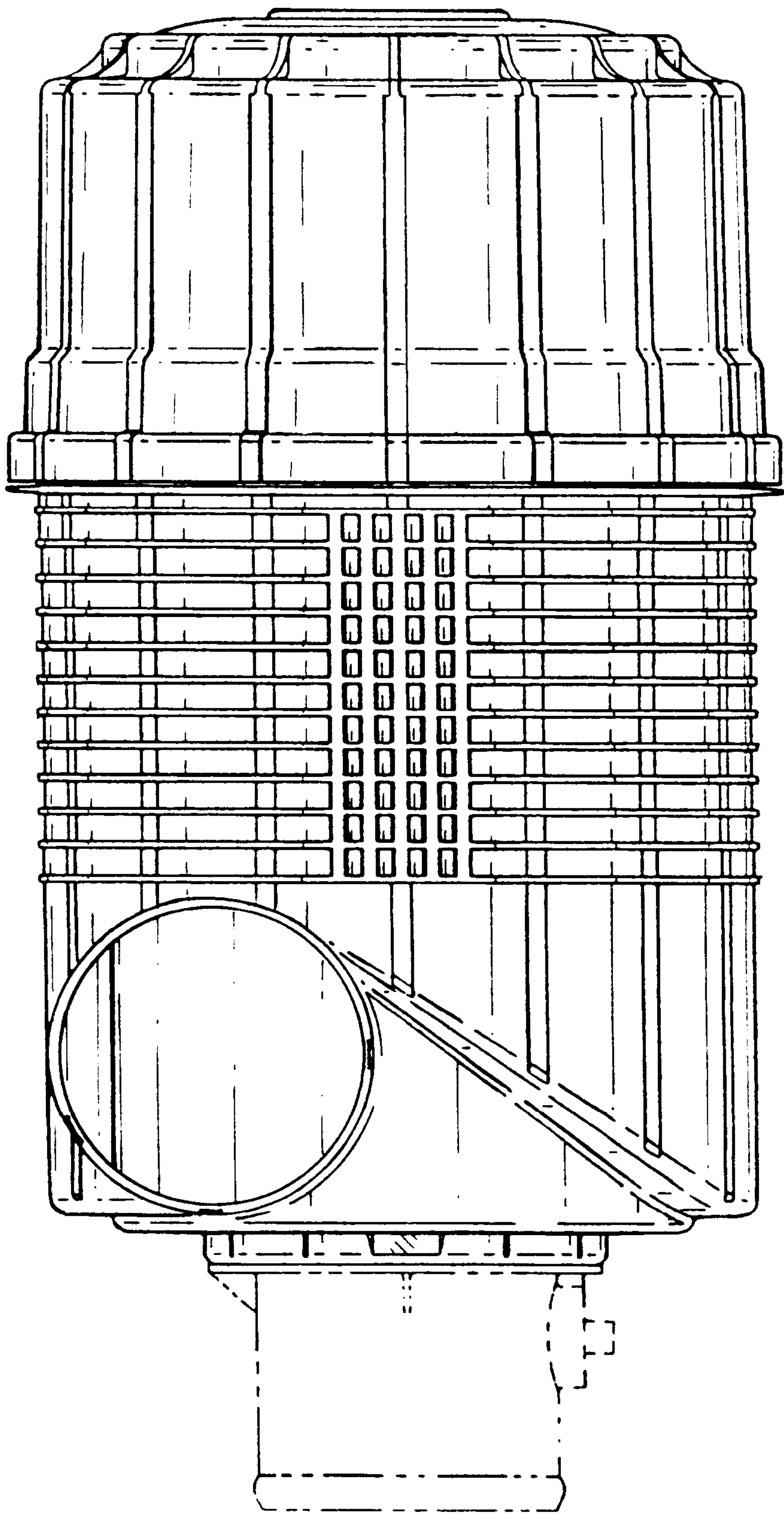


FIG. 28

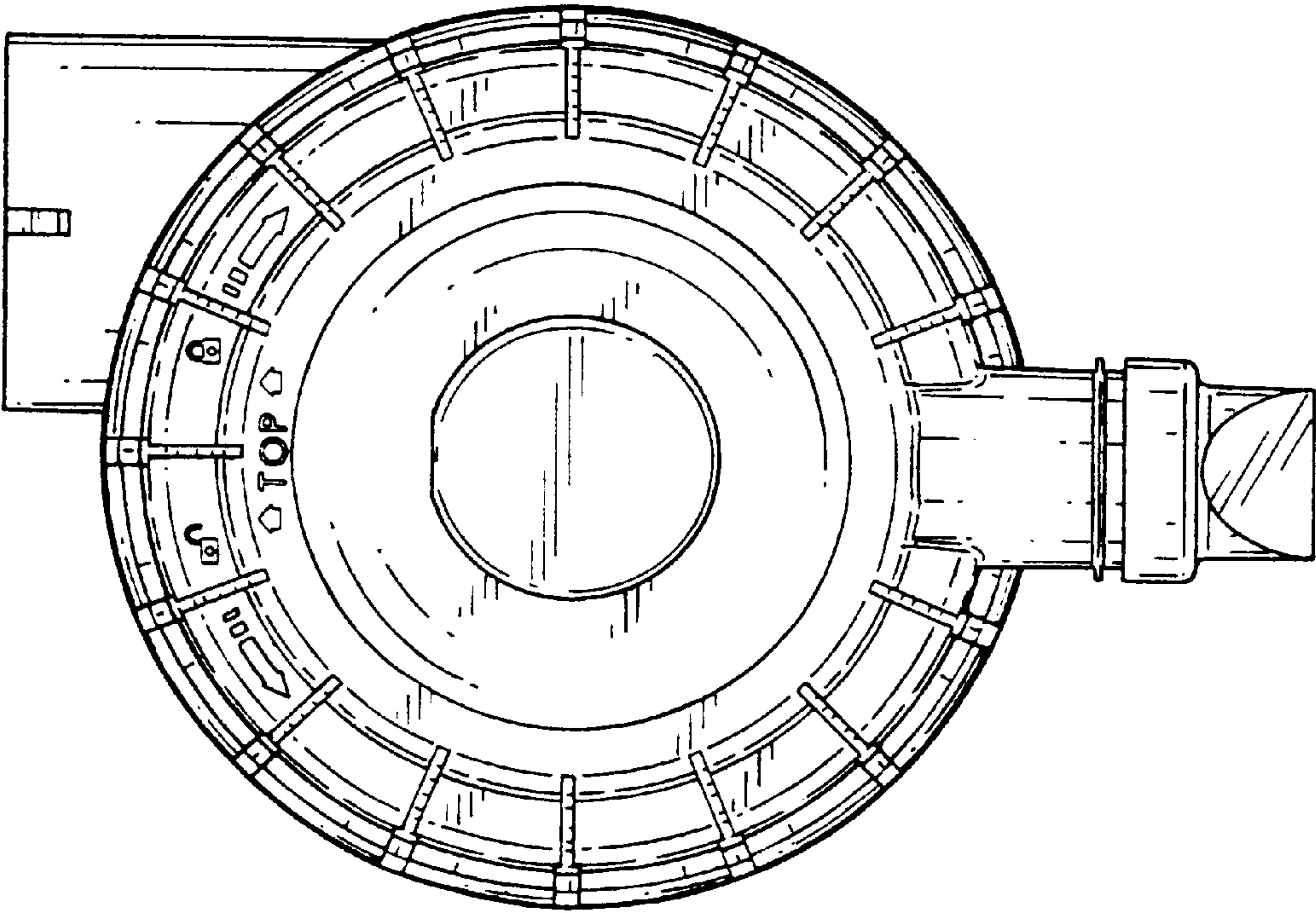


FIG. 29

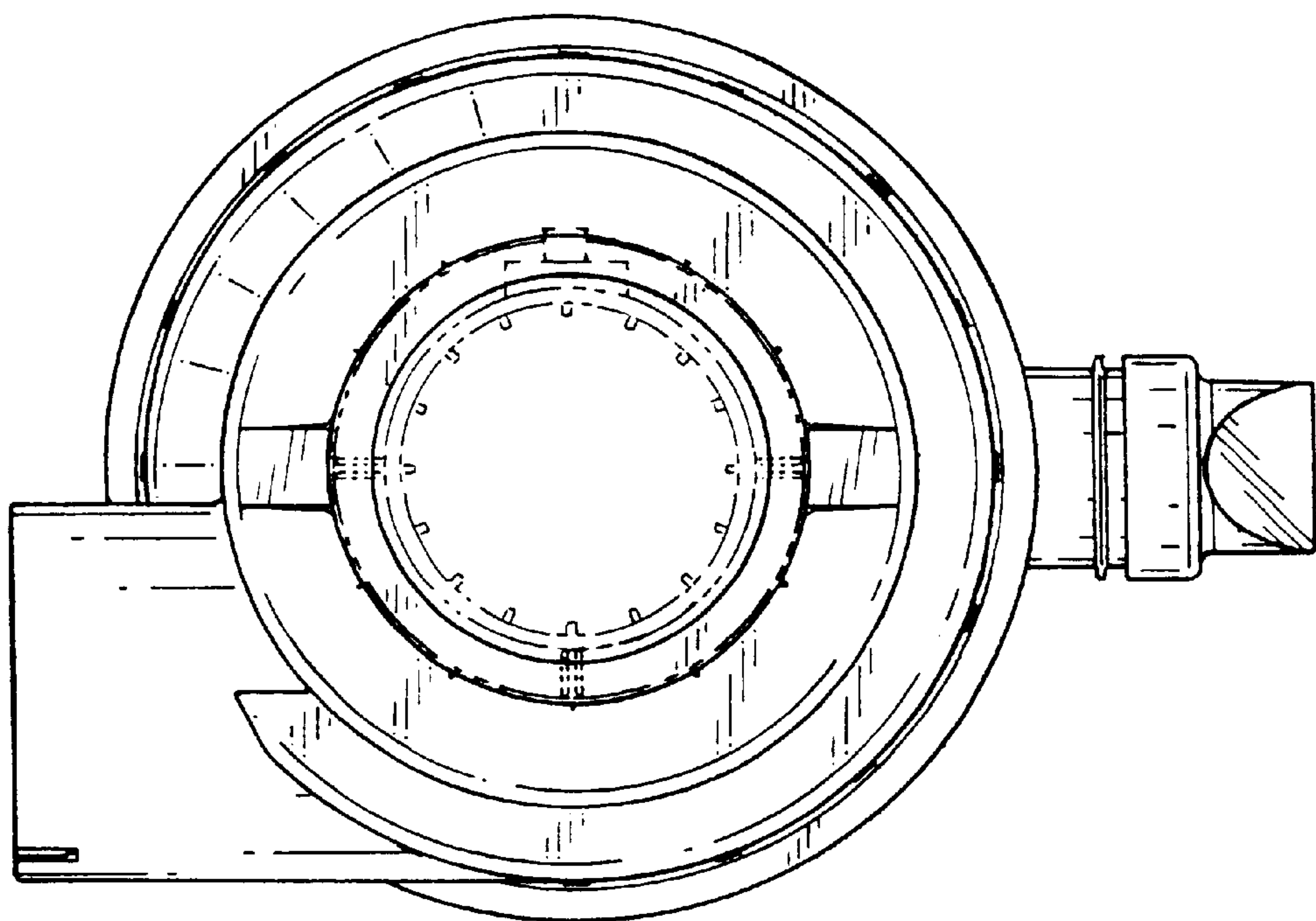


FIG. 30



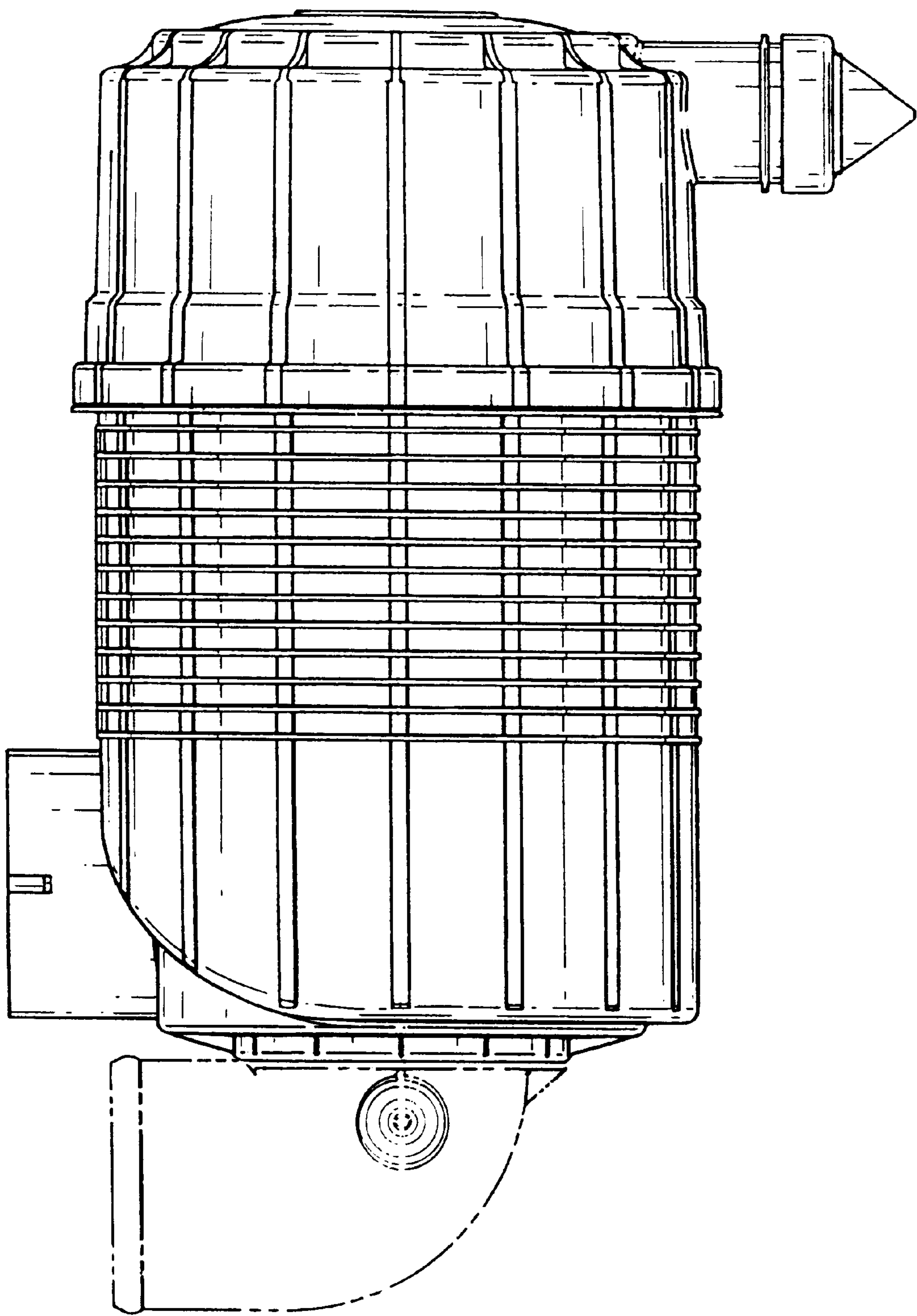


FIG. 31

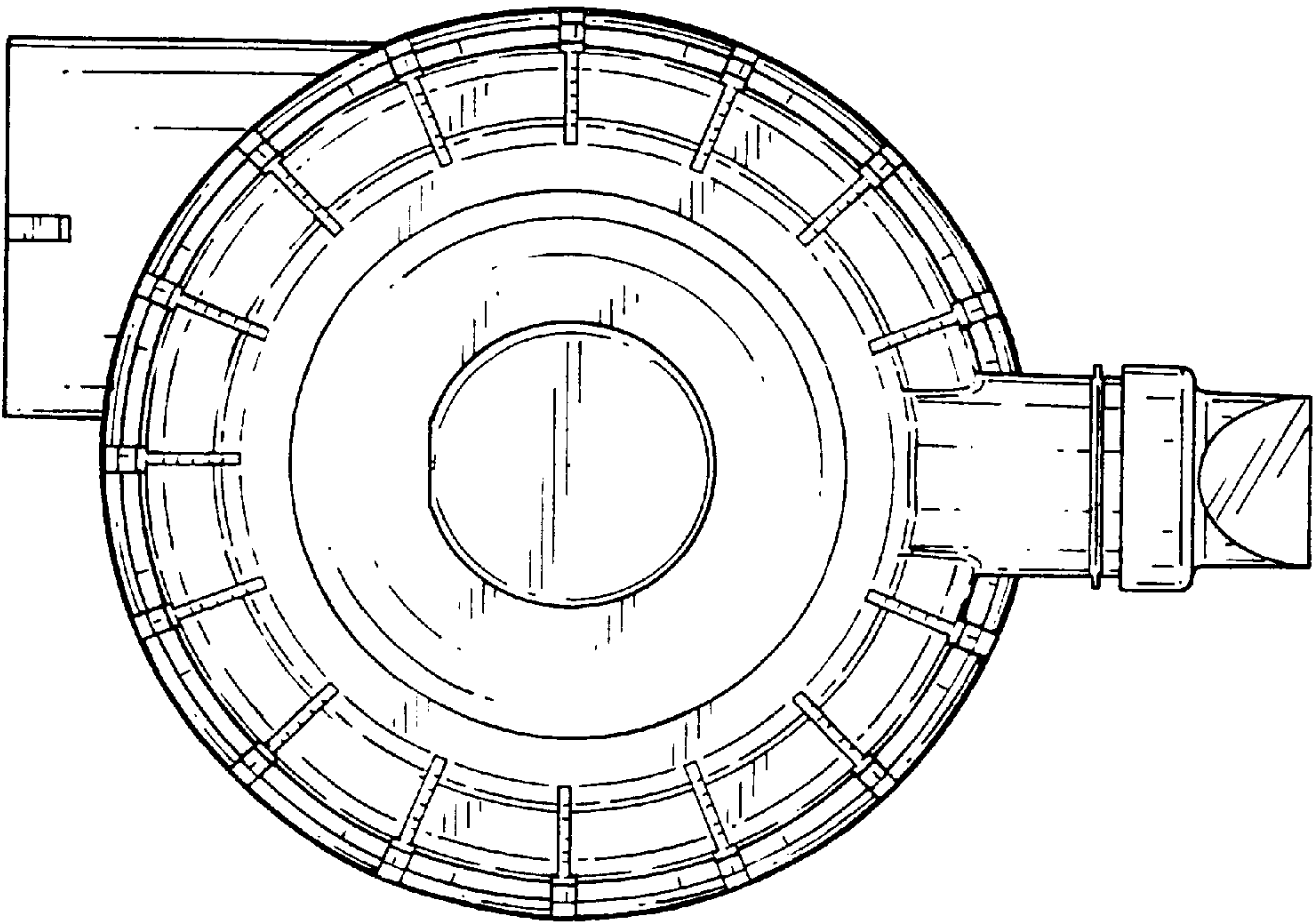


FIG. 32