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United States Design Patent

Zeng

(10)

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(54) EAR CLEANER

FOREIGN PATENT DOCUMENTS

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(72) Inventor: Chaoxiu Zeng, Shaoyang (CN)

EM 015015999-0002 * 3/2023
EM 015029637-0001 * 8/2023

(**) Term: 15 Years

OTHER PUBLICATIONS

(21) Appl. No.: 29/902,136

Smartbud (available Nov. 16, 2022 [online]). Retrieved Dec. 14, 2023 from internet URL: <https://www.amazon.com/SmartbudTM-Ear-Cleaner-Professional-Smartphones/dp/B09HHN4QTQ/> (Year: 2022).*

(22) Filed: Sep. 8, 2023

(51) LOC (14) Cl. 24-01

Primary Examiner — Richard Kearney

(52) U.S. Cl.

Assistant Examiner — Michael Hoffman

USPC D24/151

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(58) Field of Classification Search

(57) CLAIM

USPC D24/107, 111, 113, 119, 133, 137, 138, 146, 147, 151, 152, 173
CPC A46B 5/00; A46B 5/0004; A46B 5/0016; A46B 7/10; A46B 13/0001; A46B 13/02; A46B 13/023; A46B 13/08; A46B 2200/1006; A46B 2200/30; A61B 2018/00327; A61Q 90/00; A61F 11/006
See application file for complete search history.

The ornamental design for an ear cleaner, as shown and described.

DESCRIPTION

(56) References Cited

U.S. PATENT DOCUMENTS

D951,448 S	*	5/2022	Wang	D24/151
D952,149 S	*	5/2022	Wang	D24/151
D961,078 S	*	8/2022	Wang	D24/151
D963,858 S	*	9/2022	Wang	D24/151
D963,859 S	*	9/2022	Wang	D24/151
D971,405 S	*	11/2022	Wang	D24/151
D972,139 S	*	12/2022	Wang	D24/151
D996,616 S	*	8/2023	Chen	D24/151
D1,000,613 S	*	10/2023	Lei	D24/151
D1,001,273 S	*	10/2023	Wen	D24/119
D1,001,281 S	*	10/2023	Pan	D24/151
D1,002,848 S	*	10/2023	Tang	D24/151
D1,004,090 S	*	11/2023	Tang	D24/147
D1,004,091 S	*	11/2023	Zou	D24/151

FIG. 1 is a front, left and top perspective view of an ear cleaner showing my design.
FIG. 2 is a rear, right and bottom perspective view thereof.
FIG. 3 is a front elevation view thereof.
FIG. 4 is a rear elevation view thereof.
FIG. 5 is a left-side elevation view thereof.
FIG. 6 is a right-side elevation view thereof.
FIG. 7 is an enlarged top plan view thereof.
FIG. 8 is an enlarged bottom plan view thereof.
FIG. 9 is an enlarged view of portion 9 shown in FIG. 2.
FIG. 10 is an enlarged view of portion 10 shown in FIG. 5; and,
FIG. 11 is an enlarged view of portion 11 shown in FIG. 6.
The broken lines in the drawings depicting the ear cleaner are for the purpose of illustrating portions of the article and form no part of the claimed design. The broken lines demarcating the enlarged views form no part of the claimed design.

(Continued)

1 Claim, 11 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

D1,006,227 S * 11/2023 Li D24/151
D1,006,228 S * 11/2023 Li D24/151

* cited by examiner

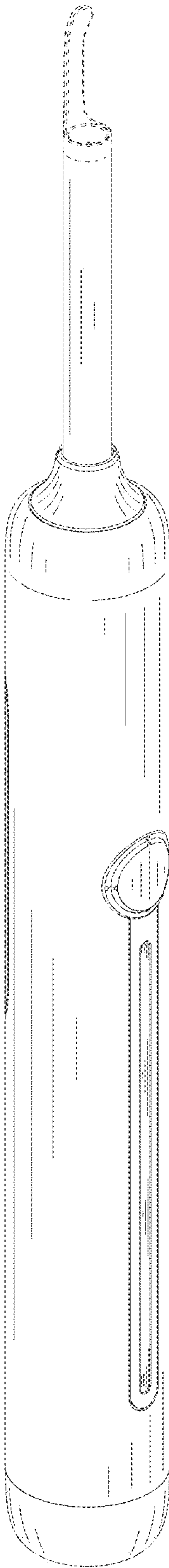


Fig. 1

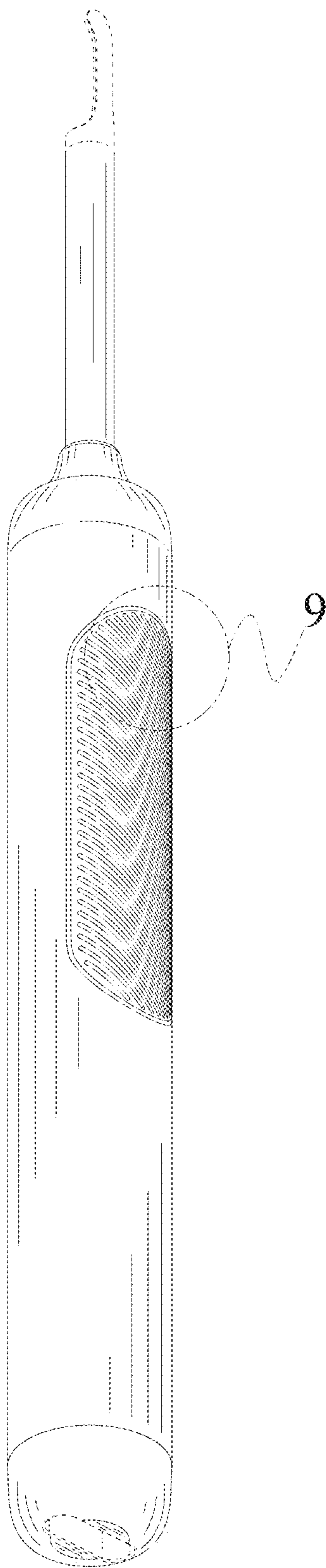


Fig. 2

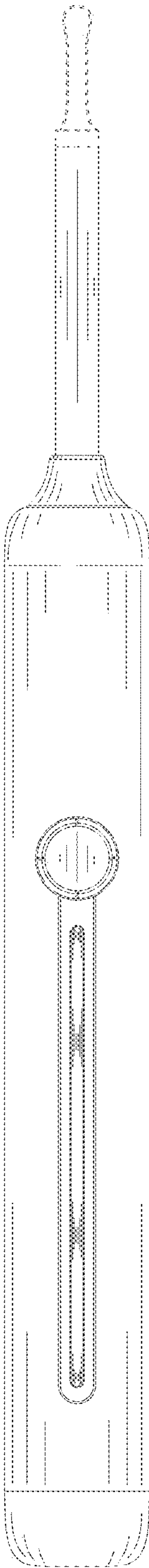


Fig. 3

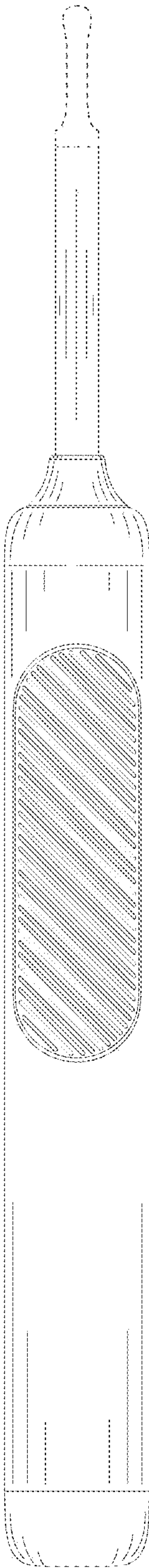


Fig. 4

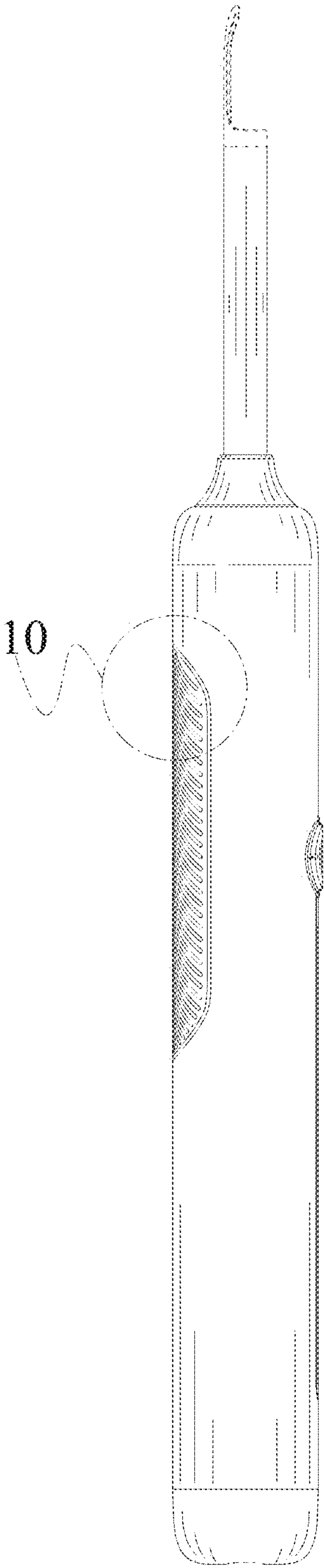


Fig. 5

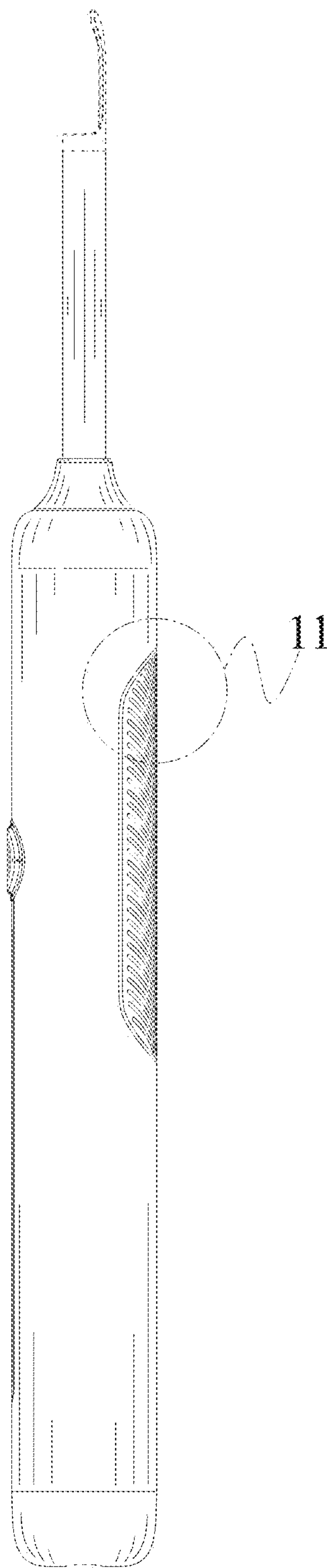


Fig. 6

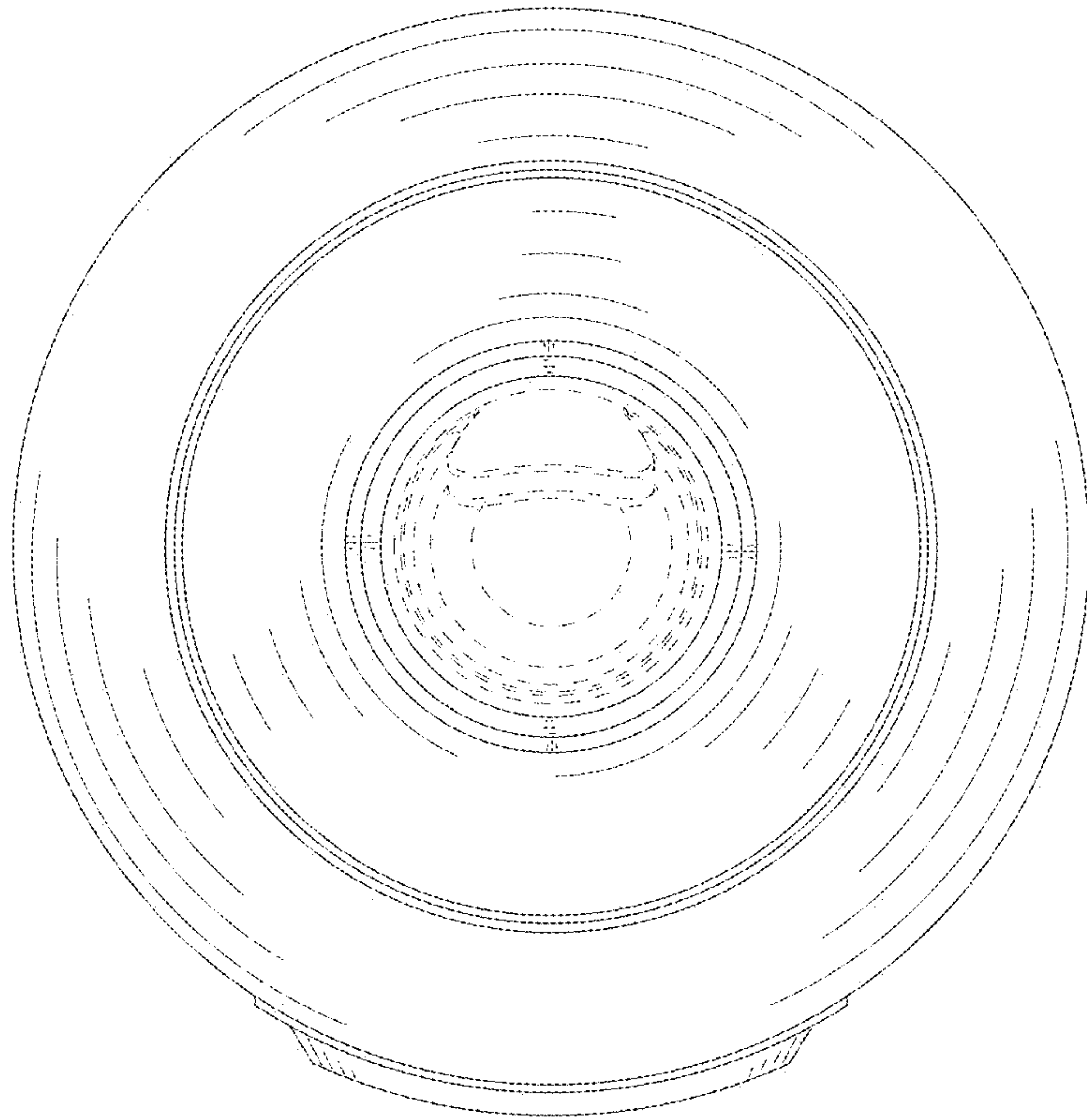


Fig. 7

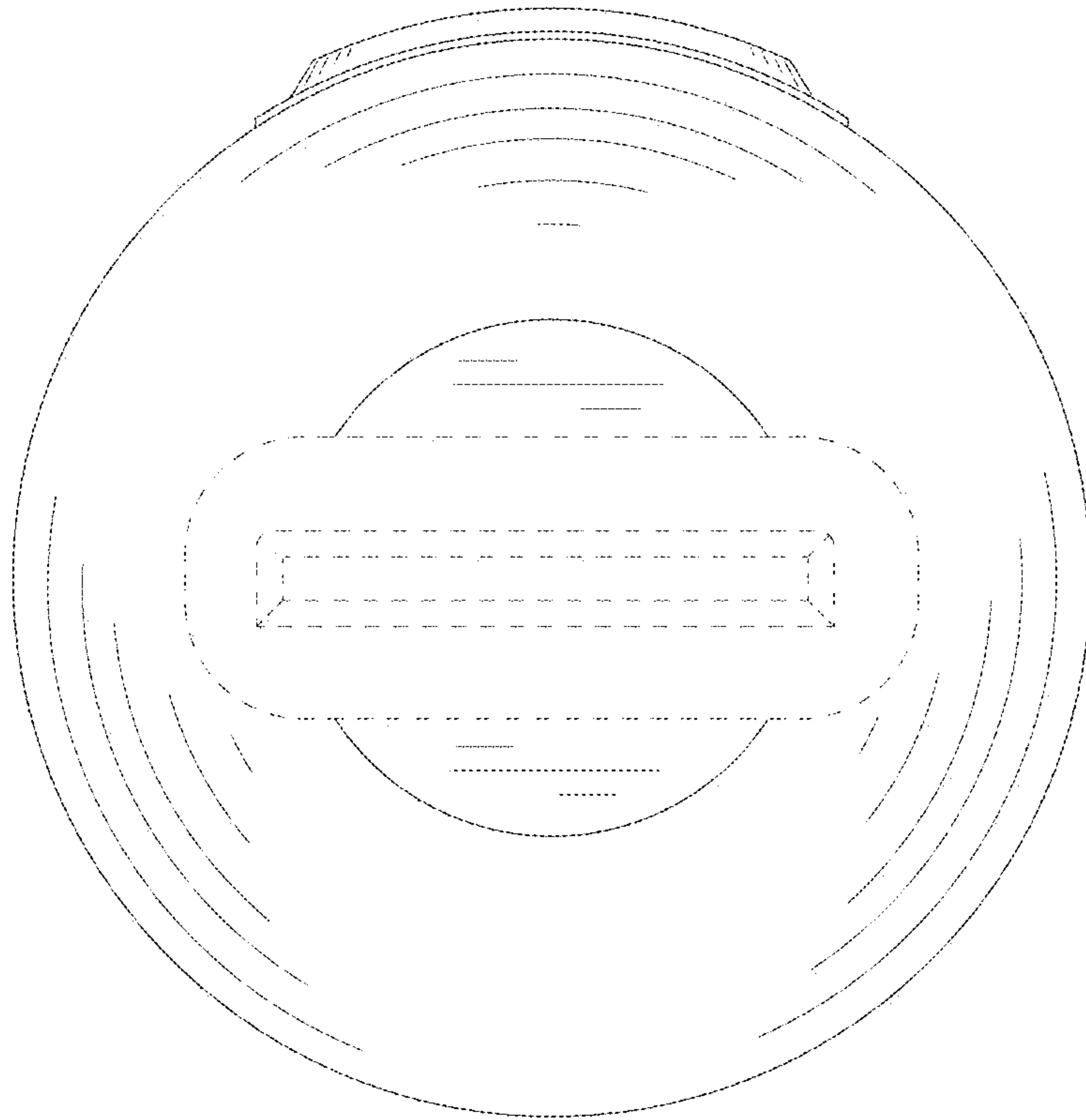


Fig. 8

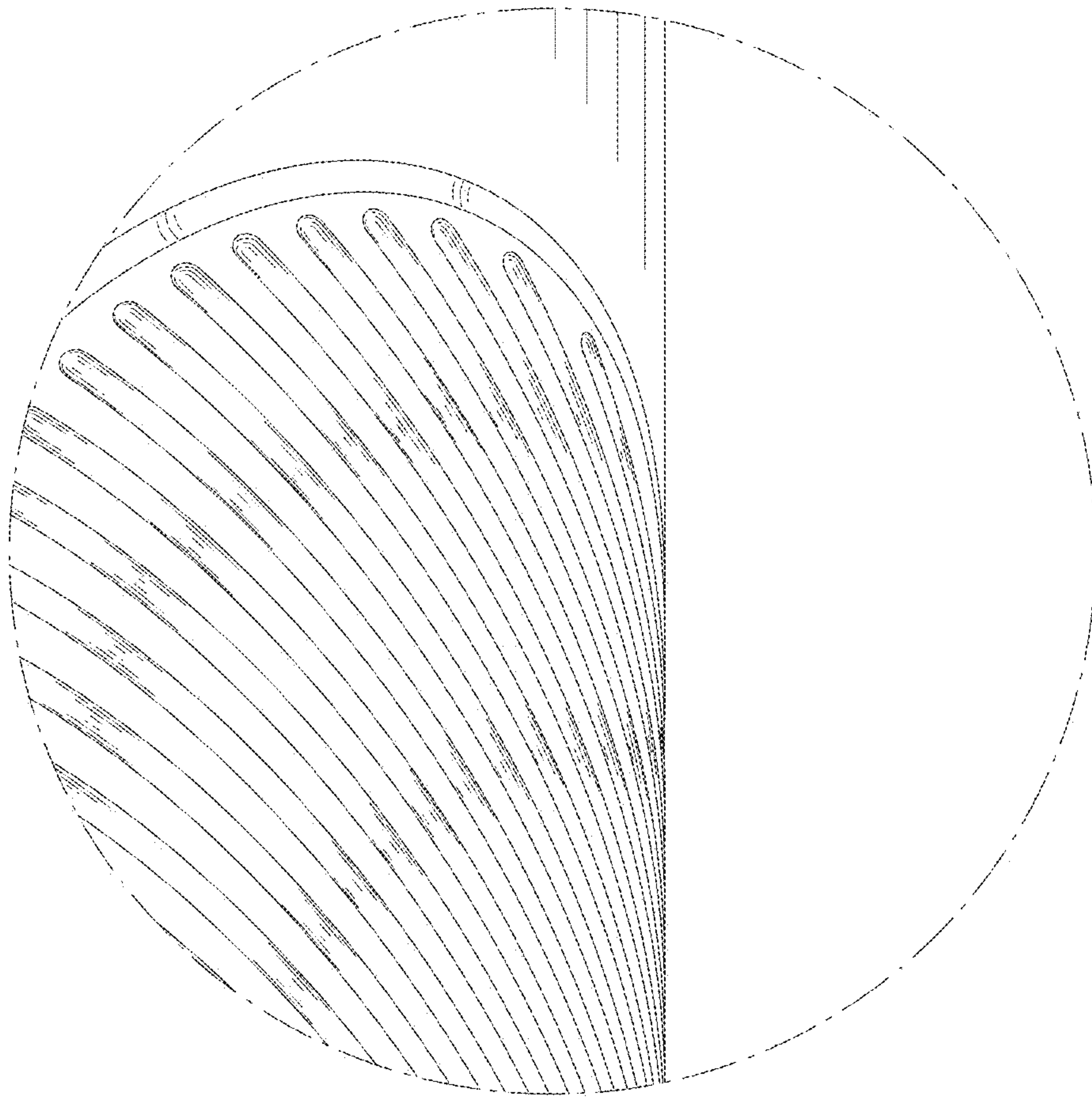


Fig. 9

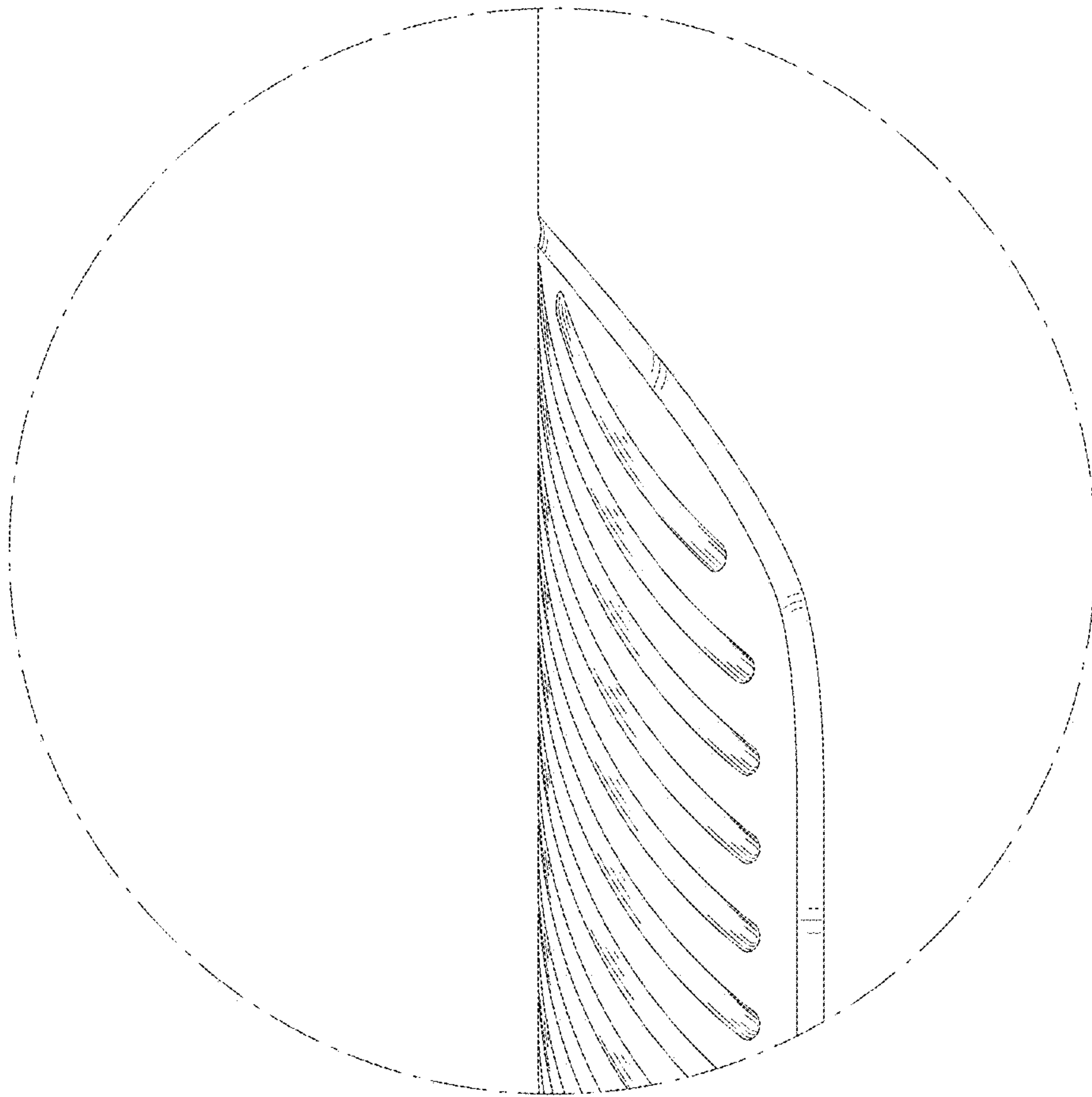


Fig. 10

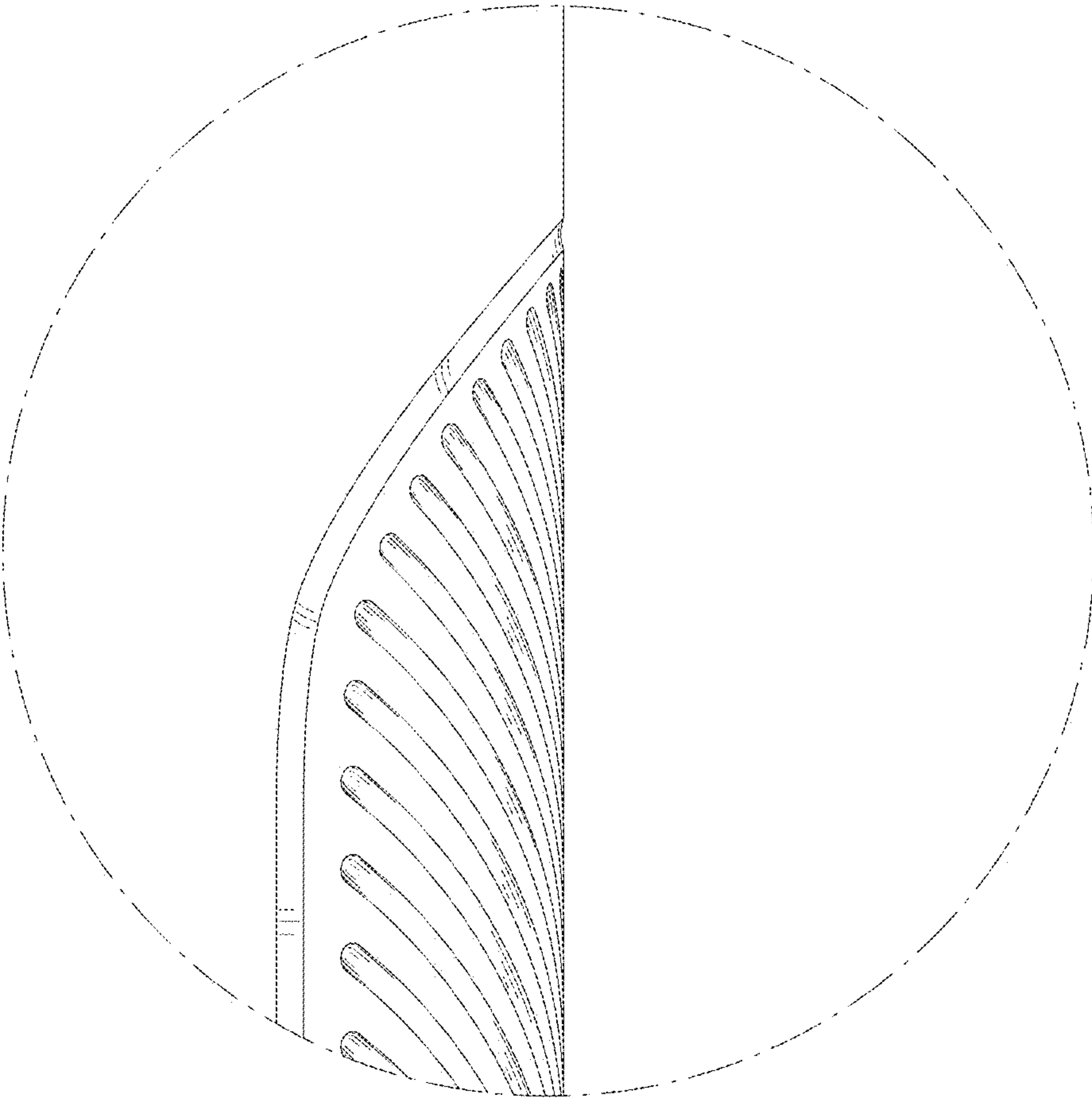


Fig. 11