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(12) **United States Design Patent**
Petersen et al.

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(54) **AUTOINJECTOR**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **Phillips-Medisize A/S**, Struer (DK)

GB 6044225 * 9/2018
WO 2020/070326 A1 4/2020

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(Continued)

(73) Assignee: **Phillips-Medisize A/S**, Struer (DK)

OTHER PUBLICATIONS

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

“BD launches two-step disposable autoinjector”, Biospectrum, [Post Date: Oct. 21, 2019], [Site seen Feb. 8, 2022], Seen at URL: <https://www.biospectrumasia.com/news/28/14723/bd-launches-two-step-disposable-autoinjector.html> (Year: 2019).*

(21) Appl. No.: **29/753,864**

(Continued)

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Primary Examiner — Natasha Vujcic

(51) **LOC (13) Cl.** **24-02**

Assistant Examiner — Gilbert B Ford

(52) **U.S. Cl.**
USPC **D24/113**

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(58) **Field of Classification Search**
USPC D24/112–114, 133, 186, 127–131, 144;
D19/115–123, 177, 193
CPC A61M 5/3156; A61M 5/31591; A61M
5/3155; A61M 5/3157; A61M 5/24;
A61M 5/31501; A61M 5/31551; A61M
5/31585

(57) **CLAIM**

The ornamental design for an autoinjector, as shown and described.

See application file for complete search history.

DESCRIPTION

(56) **References Cited**

U.S. PATENT DOCUMENTS

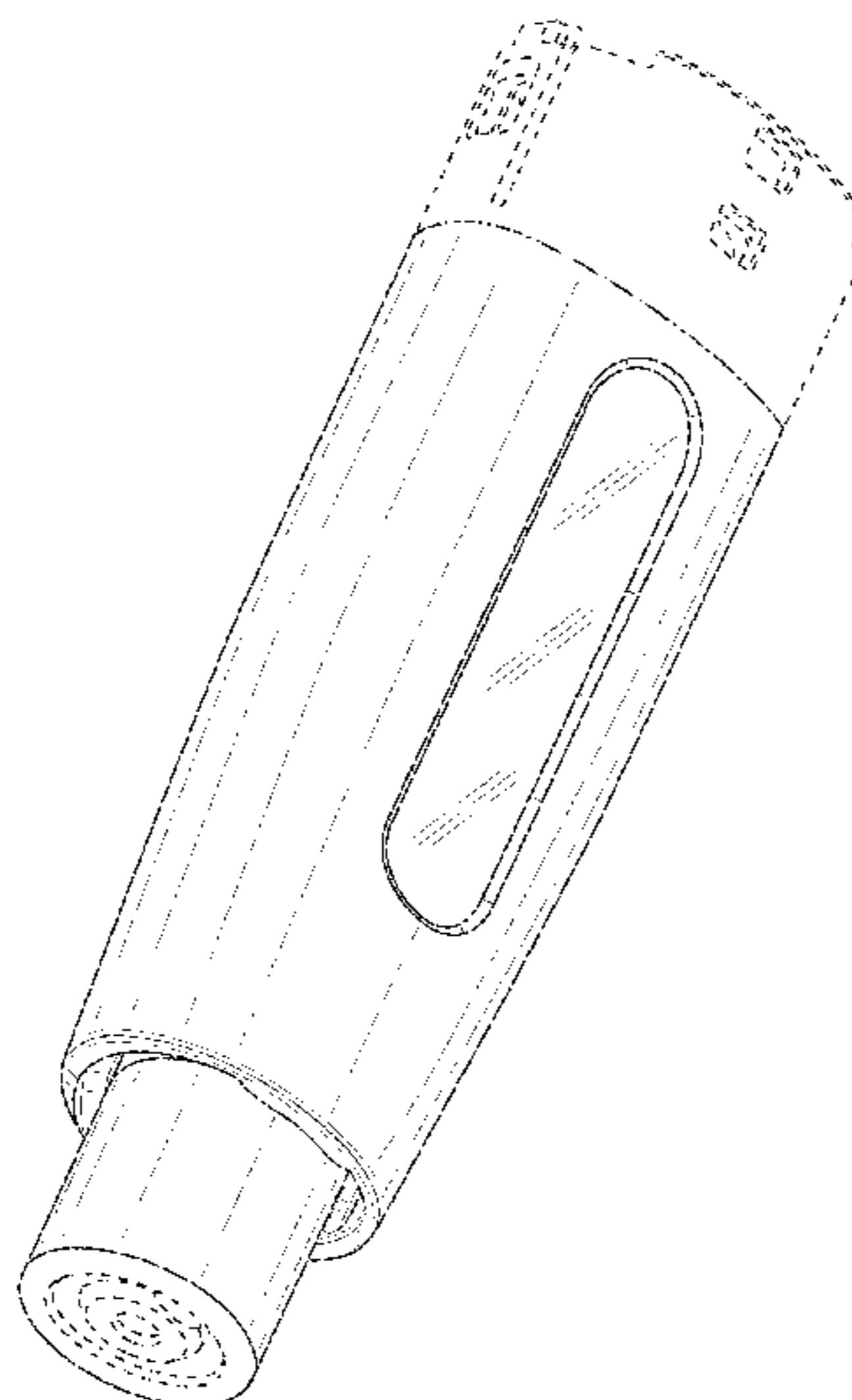
D697,205 S *	1/2014	Schneider	.....	D24/113
D748,244 S *	1/2016	Petersen	.....	D24/113
D757,254 S *	5/2016	Wohlfahrt	.....	D24/113
D757,255 S *	5/2016	Wohlfahrt	.....	D24/113
D765,833 S *	9/2016	Geert-Jensen	.....	D24/112
D773,648 S *	12/2016	Wohlfahrt	.....	D24/113
D773,649 S *	12/2016	Wohlfahrt	.....	D24/113
D789,528 S *	6/2017	Wohlfahrt	.....	D24/130
10,117,996 B2 *	11/2018	Stefansen	.....	A61M 5/31536
D857,192 S *	8/2019	Burkett	.....	D24/112
D863,549 S *	10/2019	Jansen	.....	D24/113
D878,566 S *	3/2020	Jansen	.....	D24/113
D908,867 S *	1/2021	Nicholas	.....	D24/113
11,107,369 B2 *	8/2021	Chang	.....	G09B 23/285

(Continued)

FIG. 1 is a front bottom perspective view of an autoinjector showing our new design;
FIG. 2 is a front top perspective view thereof;
FIG. 3 is a front view thereof;
FIG. 4 is a rear view thereof;
FIG. 5 is a right side view thereof;
FIG. 6 is a left side view thereof;
FIG. 7 is a bottom view thereof; and,
FIG. 8 is a top view thereof.

The uneven-length broken lines immediately adjacent to the shaded area represent the bounds of the claimed design and form no part thereof. The even-length broken lines showing the remainder of the autoinjector form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D934,413 S * 10/2021 Nicholas D24/113
2016/0243318 A1* 8/2016 Despa G08B 21/18
2020/0276390 A1* 9/2020 Song A61M 5/31571

FOREIGN PATENT DOCUMENTS

WO 2020/070327 A1 4/2020
WO 2020/070328 A1 4/2020
WO D215207-010 * 10/2021
WO D215207-017 * 10/2021

OTHER PUBLICATIONS

Introducing Smart Autoinjector: Changing the paradigm of usability, cost & size, Indian Express Group, Vimeo, [Post Date unknown (2021)], [Site seen Feb. 8, 2022], Seen at URL: <https://vimeo.com/476272690> (Year: 2021).*

Here today and Definitely not Gone Tomorrow: Author unknown, OnDrugDelivery.com [Post date: Oct. 4, 2021], [Site seen Feb. 8, 2022], Seen at URL: <https://ondrugdelivery.com/here-today-and-definitely-not-gone-tomorrow-why-simplicity-and-ease-of-use-are-the-key-for-a-new-generation-of-reusable-injectors/> (Year: 2021).*
“HUMIRA Dosing Information | Injection for Plaque Psoriasis”; HUMIRA; retrieved Oct. 12, 2020; published date unknown, prior to Oct. 2, 2020; URL: <https://www.humira.com/psoriasis/humira-dosing-psoriasis>.

U.S. Appl. No. 29/753,847, filed Oct. 2, 2020.

U.S. Appl. No. 29/753,850, filed Oct. 2, 2020.

U.S. Appl. No. 29/753,853, filed Oct. 2, 2020.

U.S. Appl. No. 29/753,858, filed Oct. 2, 2020.

* cited by examiner

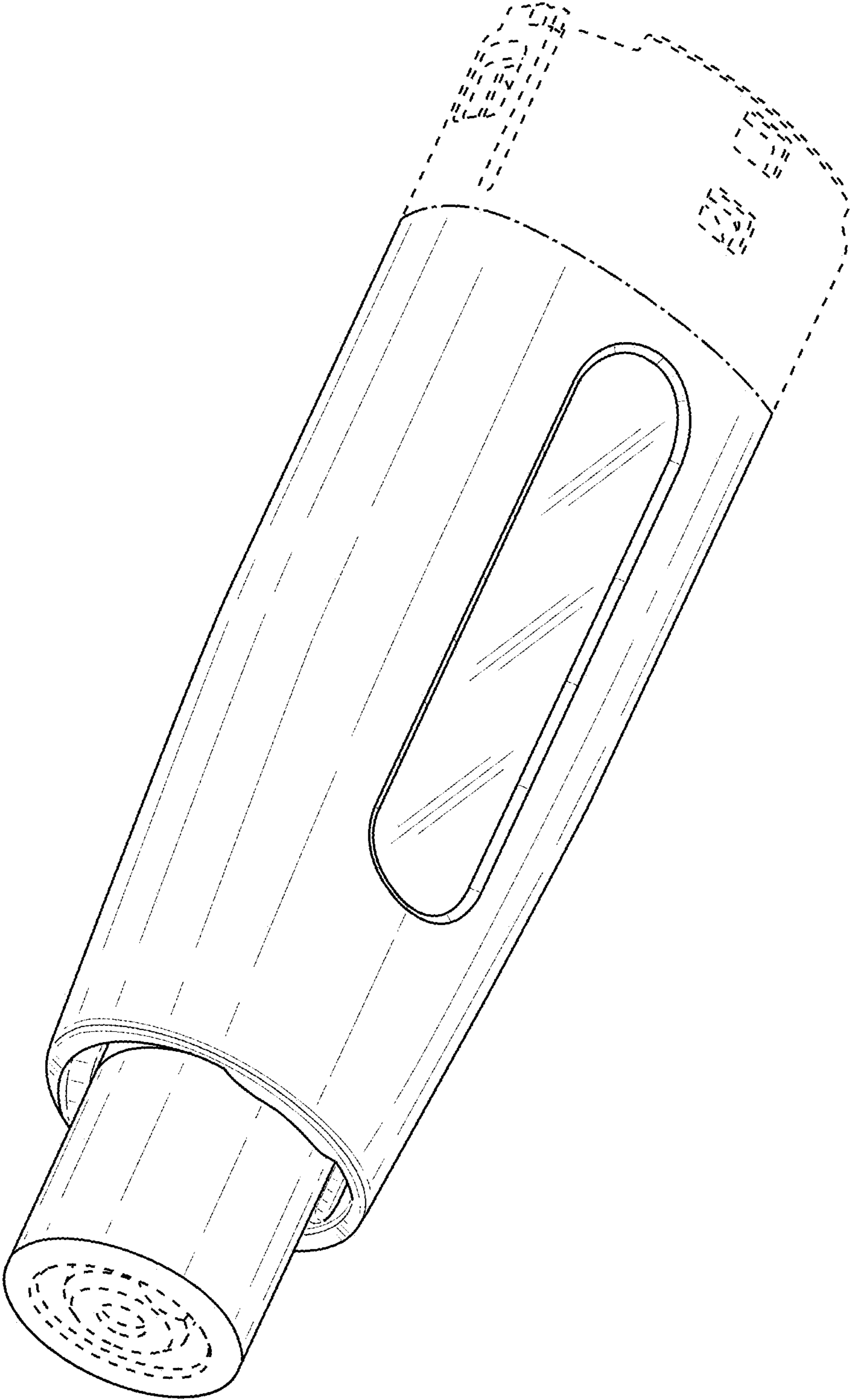


FIG. 1

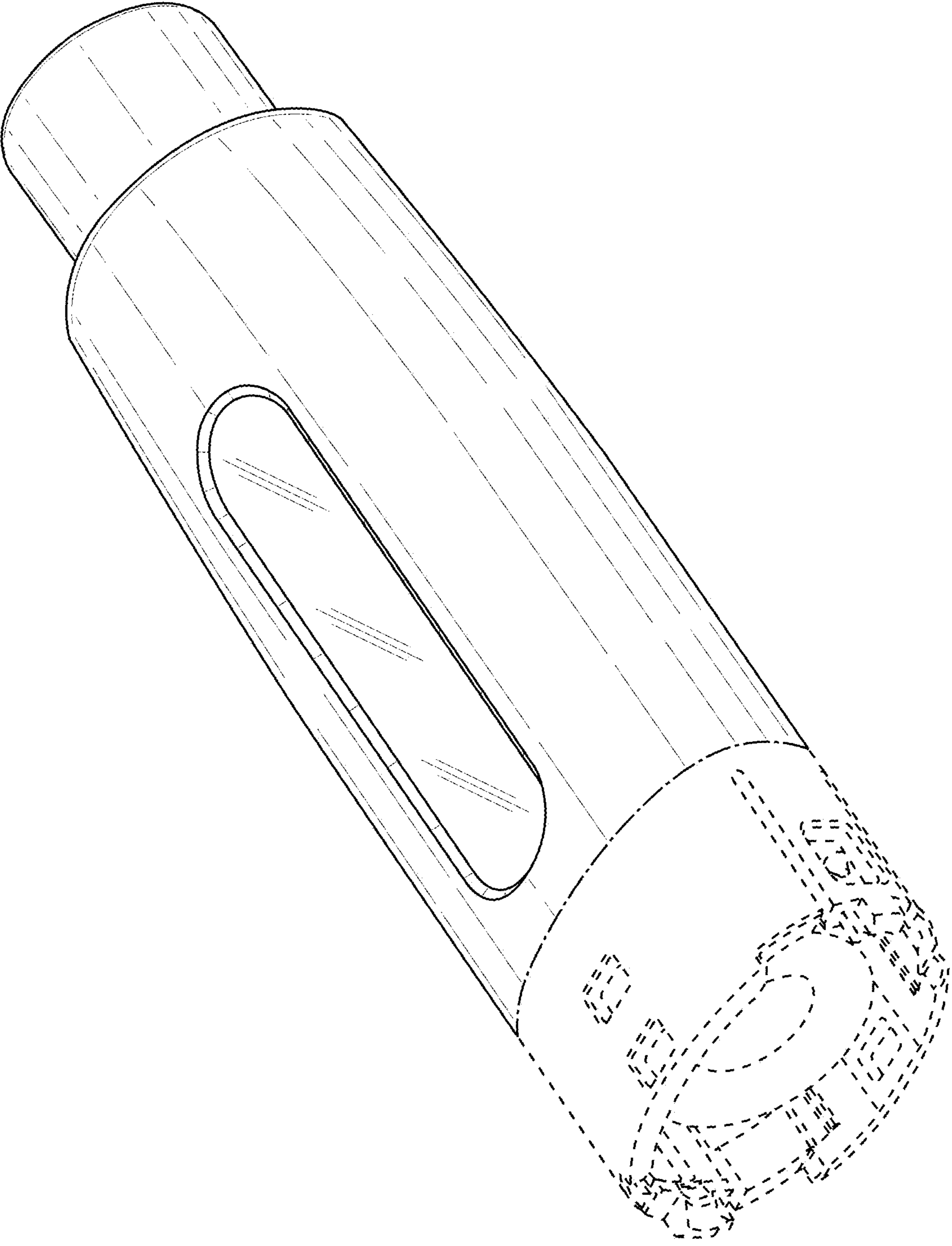


FIG. 2

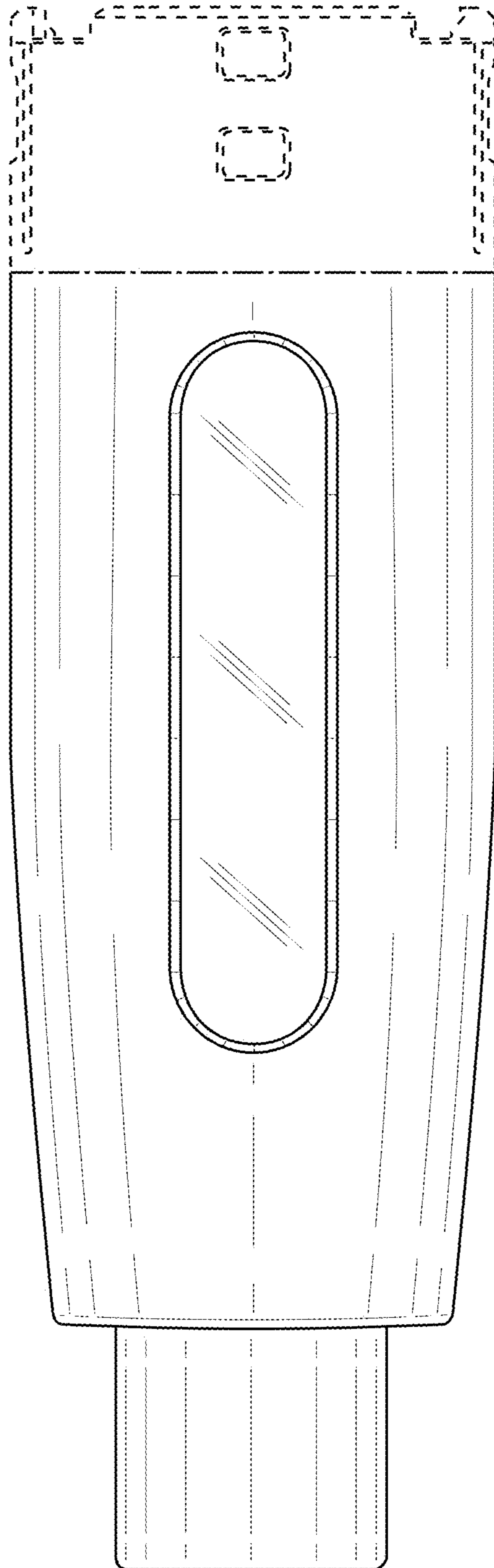


FIG. 3

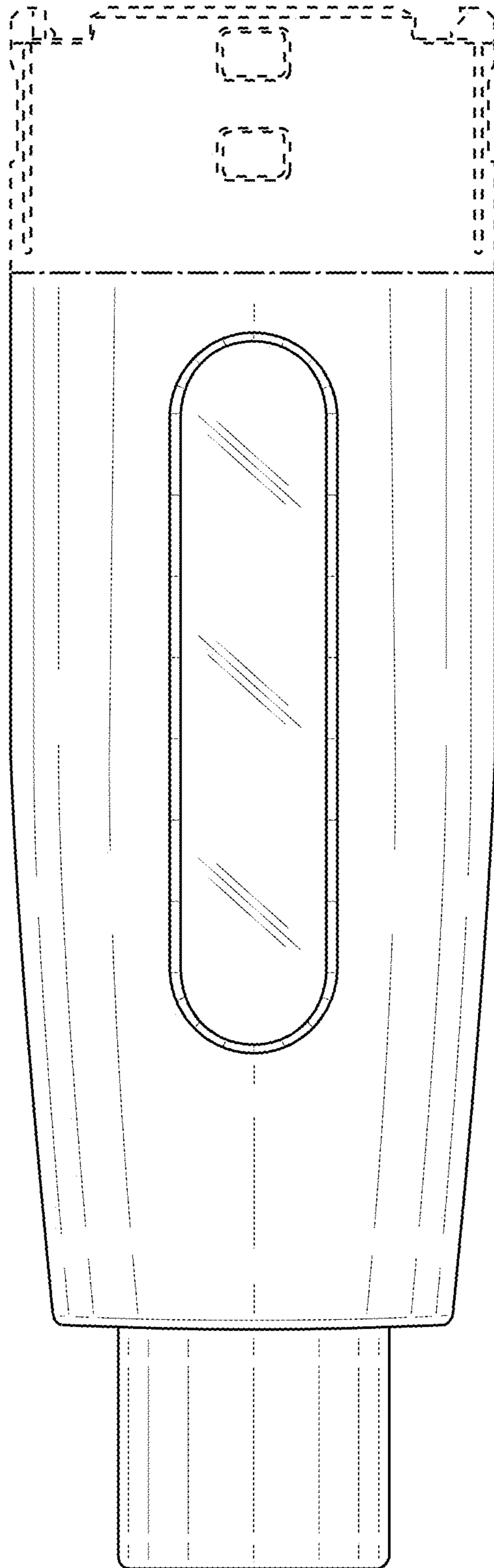


FIG. 4

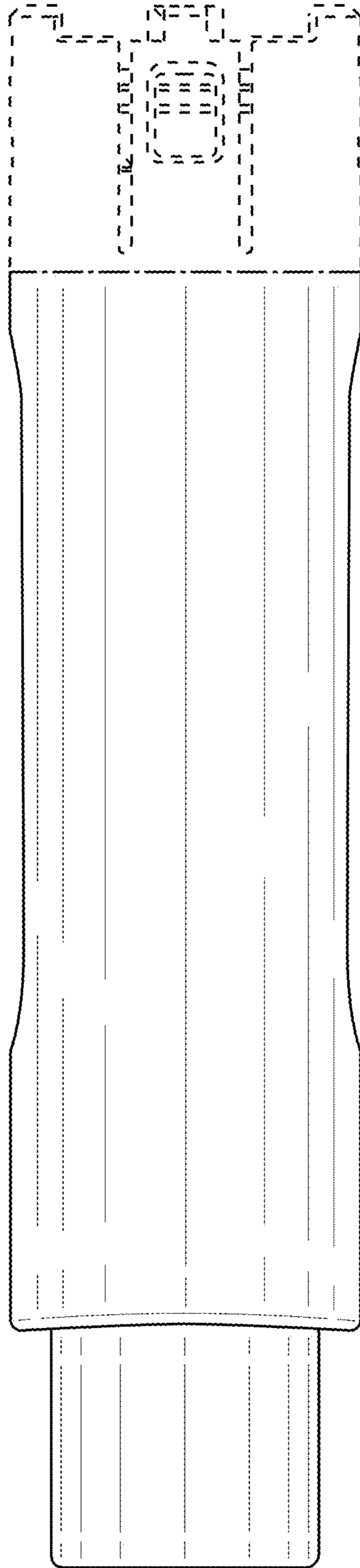


FIG. 5

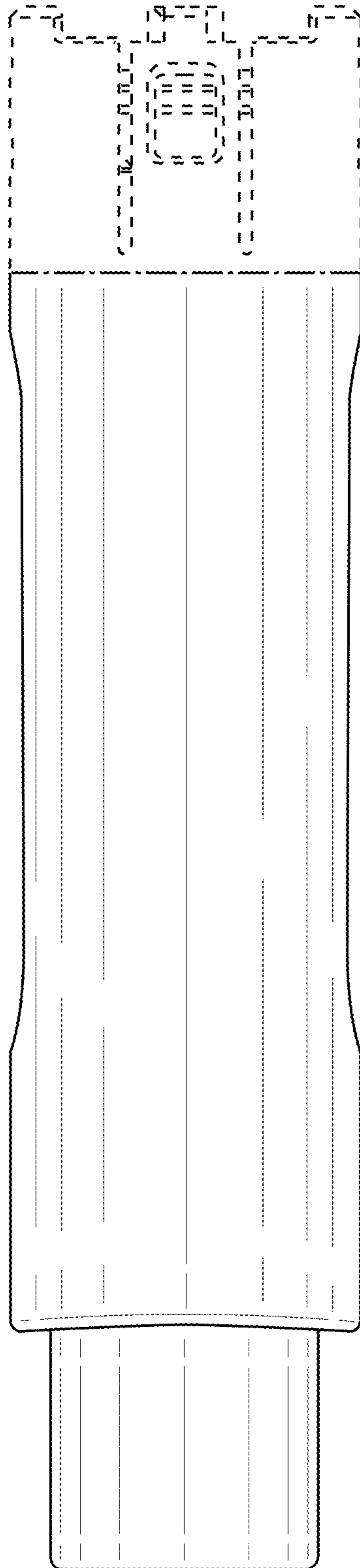


FIG. 6

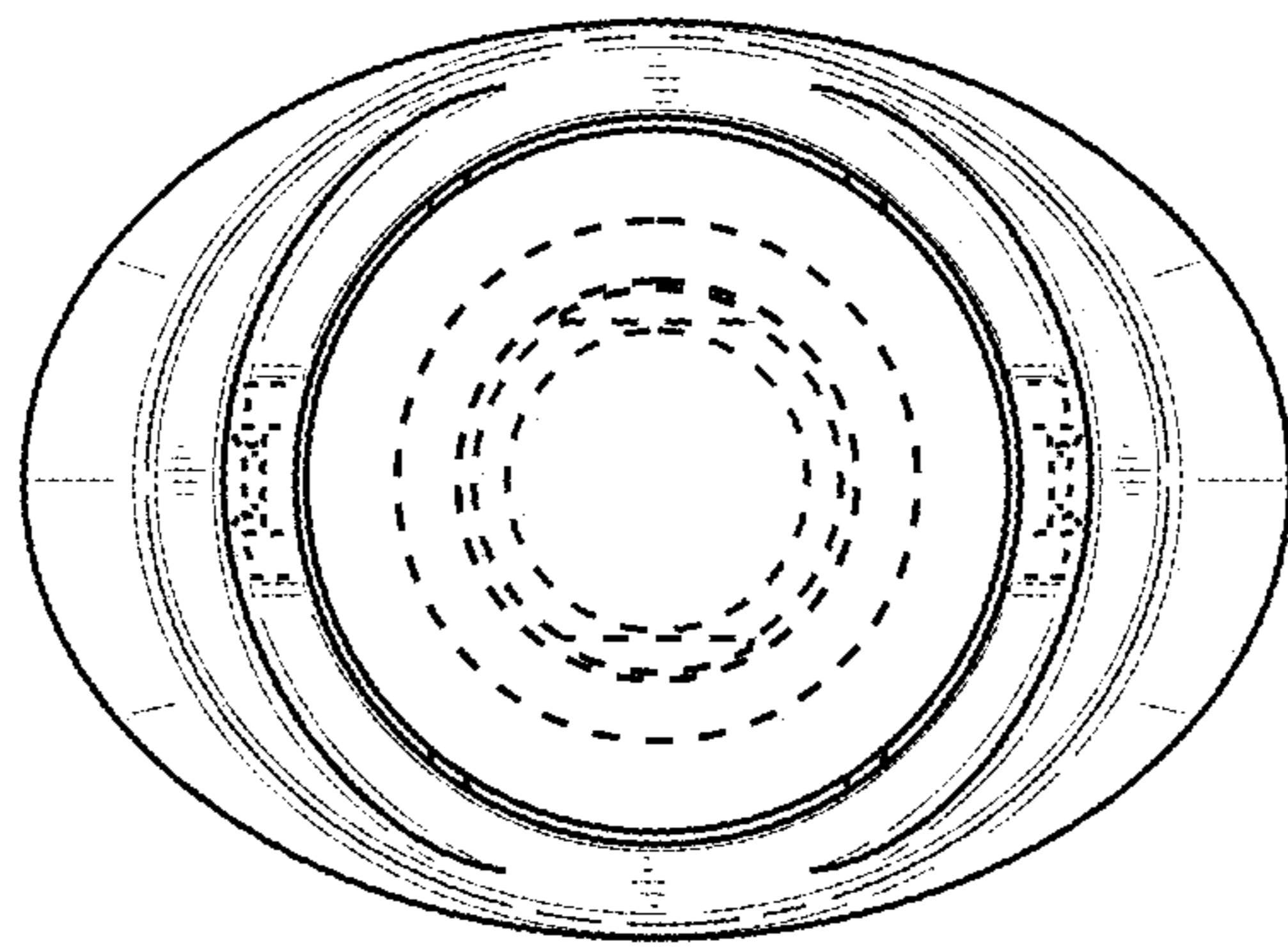


FIG. 7

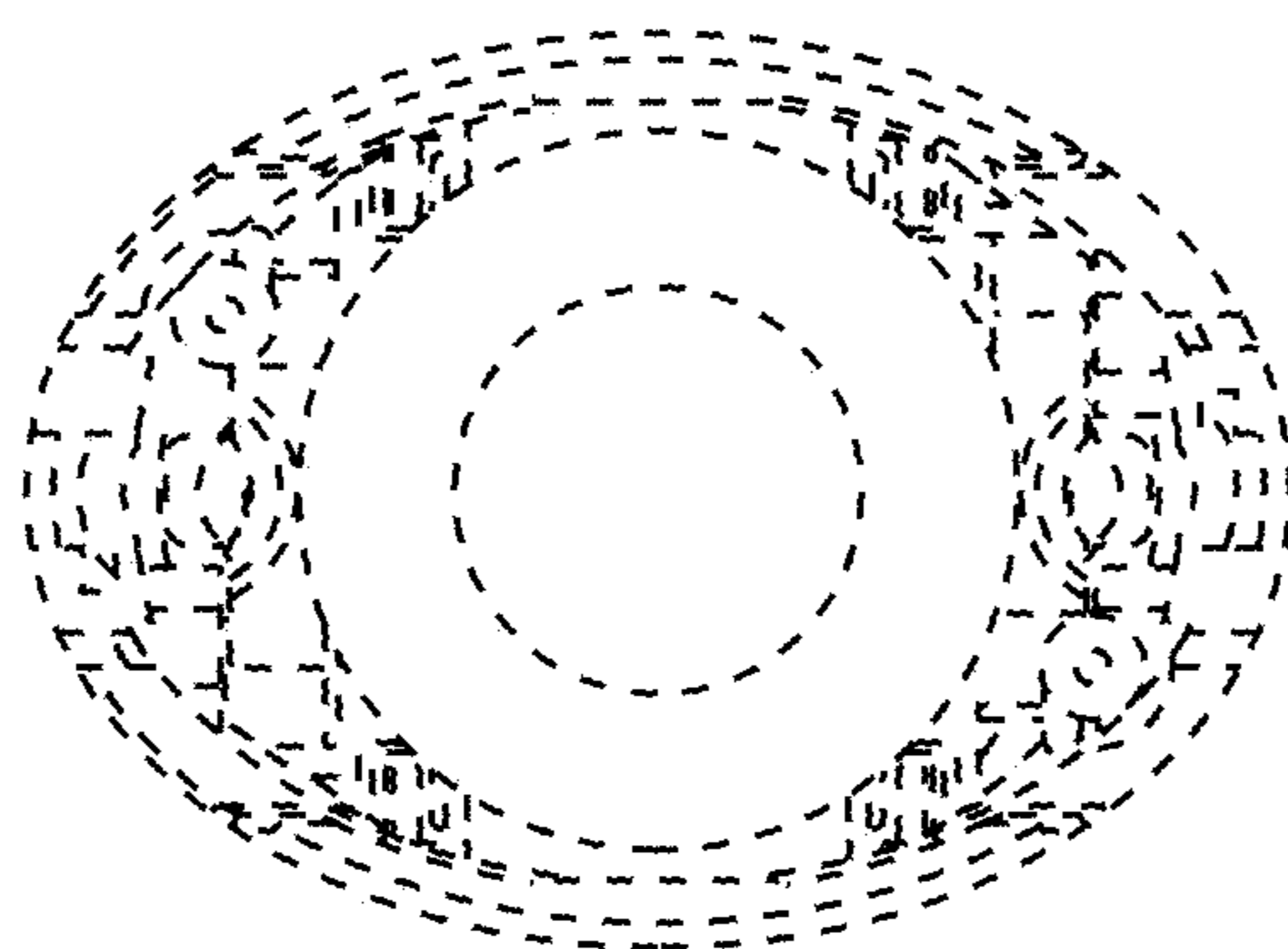


FIG. 8