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United States Design Patent

Young et al.

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(54) INJECTOR

(71) Applicant: **Oval Medical Technologies Limited**,
Cambridge (GB)

(72) Inventors: **Matthew Young**, Cambridge (GB);
Jose Alberto De Los Rios, Cambridge
(GB)

(73) Assignee: **OVAL MEDICAL TECHNOLOGIES
LIMITED**, Cambridge (GB)

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

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USPC D24/113

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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
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See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

D824,023	S	*	7/2018	Grimoldby	D24/113
D830,538	S	*	10/2018	Guillermo	D24/112
D892,311	S	*	8/2020	Nicholas	D24/113

D946,141	S	*	3/2022	Krulevitch	D24/113
D956,212	S	*	6/2022	Petersen	D24/113
D956,213	S	*	6/2022	Petersen	D24/113

(Continued)

FOREIGN PATENT DOCUMENTS

CN	306974277	*	11/2021
EM	008636328-0001	*	8/2021

OTHER PUBLICATIONS

Auto-injectors for intramuscular and subcutaneous administration,
Owen Mumford, owenmumford.com, [Post date Mar. 21, 2022],
[Site seen: Feb. 3, 2023], Seen at URL: <https://www.owenmumford.com/en/drug-delivery/auto-injectors> (Year: 2022).*

(Continued)

Primary Examiner — Natasha Vujcic

Assistant Examiner — Gilbert B Ford

(74) Attorney, Agent, or Firm — Hamre, Schumann,
Mueller & Larson, P.C.

(57) CLAIM

We claim, the ornamental design for an injector, as shown
and described.

DESCRIPTION

FIG. 1 is a perspective view of an injector showing our new
design.

FIG. 2 is a front view thereof.

FIG. 3 is a back view thereof.

FIG. 4 is a left side view thereof.

FIG. 5 is a right side view thereof.

FIG. 6 is a top view thereof.

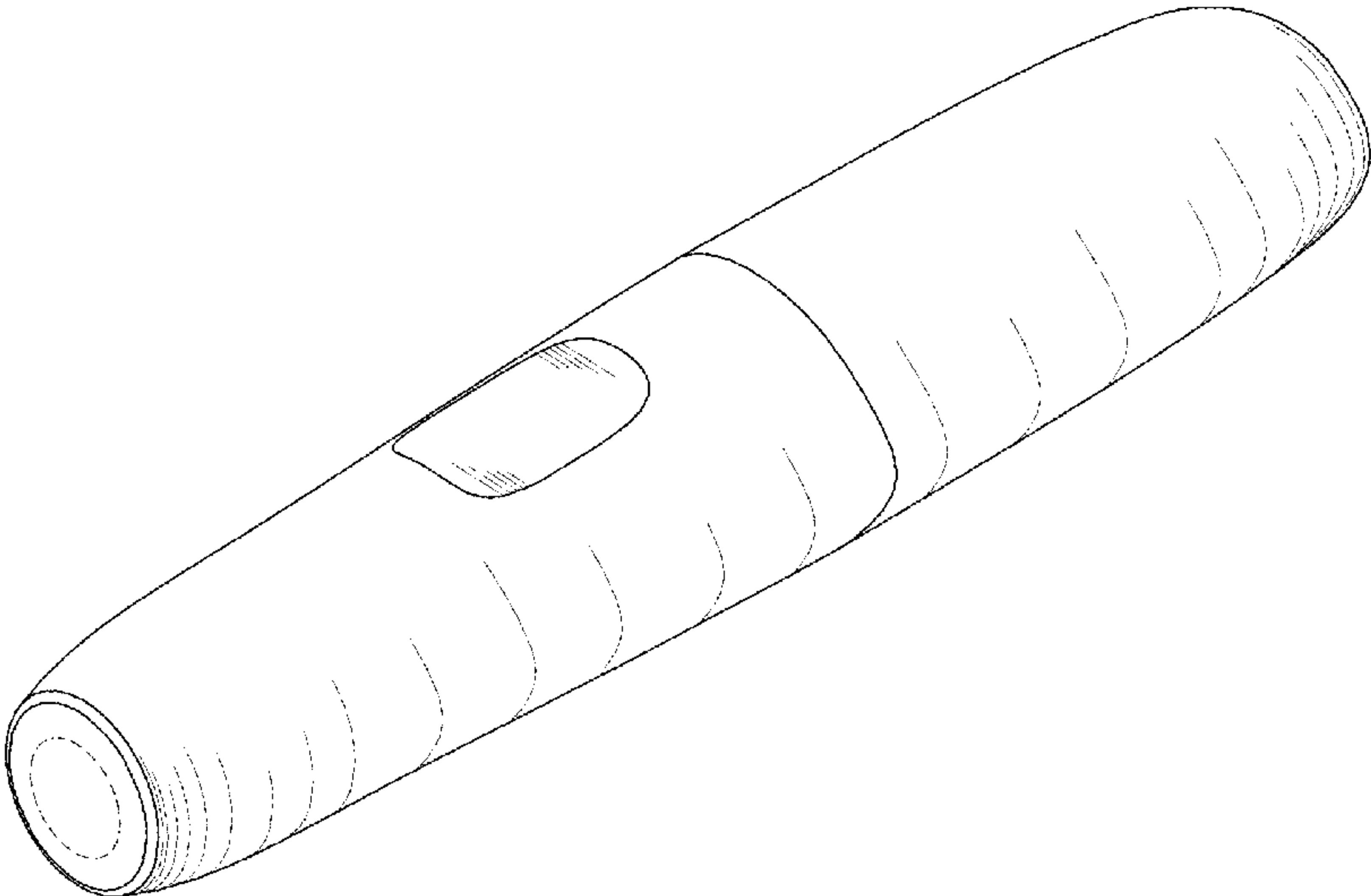
FIG. 7 is a bottom view thereof.

FIG. 8 is another perspective view of the injector with the
cap thereof removed; and,

FIG. 9 is another front view of the injector with the cap
thereof removed.

The dashed broken lines in the drawings show portions of
the injector that form no part of the claimed design.

1 Claim, 6 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

D956,214	S	*	6/2022	Petersen		D24/113
D956,215	S	*	6/2022	Krulevitch		D24/113
D956,960	S	*	7/2022	Petersen		D24/113
D959,651	S	*	8/2022	Farmer		D24/113
D965,140	S	*	9/2022	Petersen		D24/113

OTHER PUBLICATIONS

VapourSoft® powered range of auto-injectors.Recipharm, team-consulting.com, [Post date: Oct. 21, 2020], [Site seen Feb. 3, 2023], Seen at URL: <https://www.team-consulting.com/work/adding-connectivity-to-a-range-of-auto-injectors/> (Year: 2020).*

Infrared forehead thermometer Scala SC8271, Scala, wellnessproducts.ch, [Post date: unknown], [Site seen Feb. 3, 2023], Seen at URL: <https://www.wellnessproducts.ch/?page=2&lan=en&id=66186> (Year: 2023).*

* cited by examiner

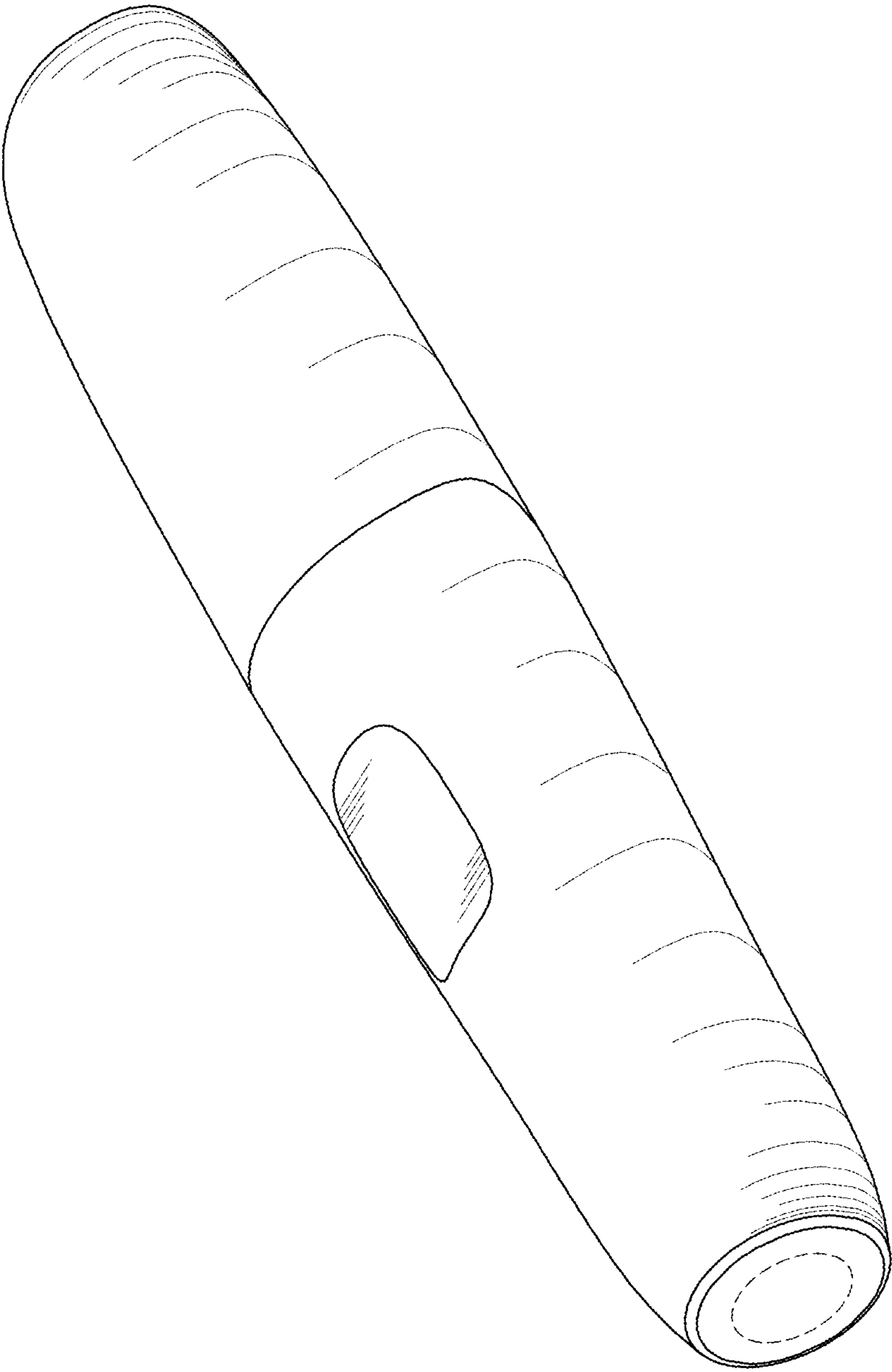


Fig. 1

Fig. 2

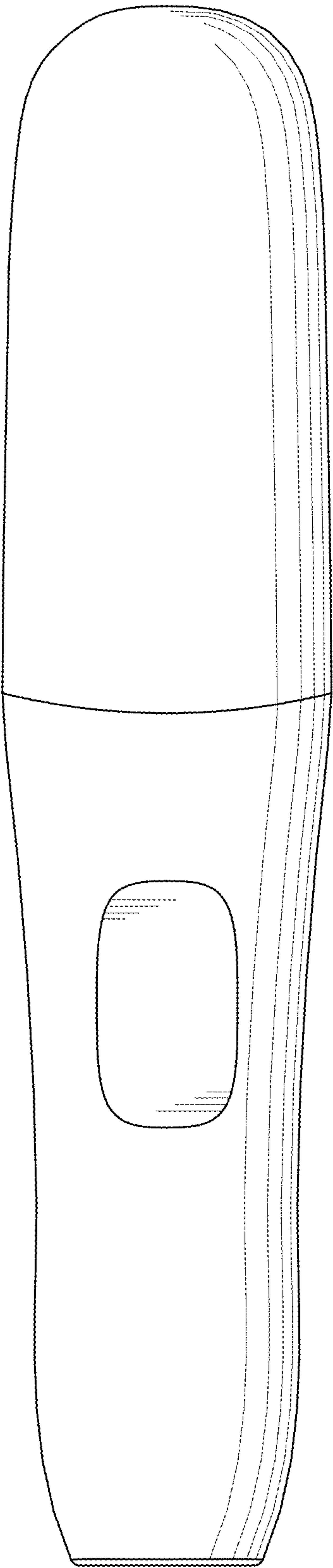


Fig. 3

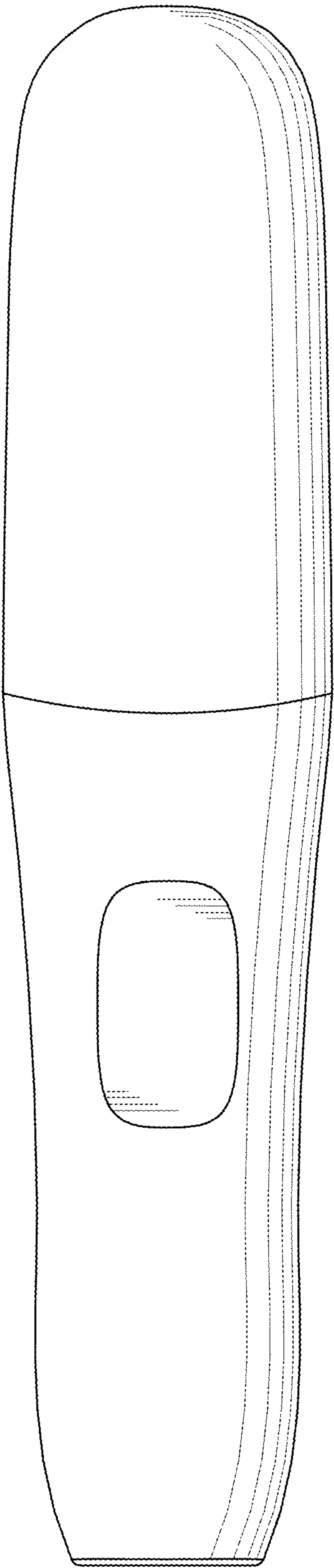


Fig. 4

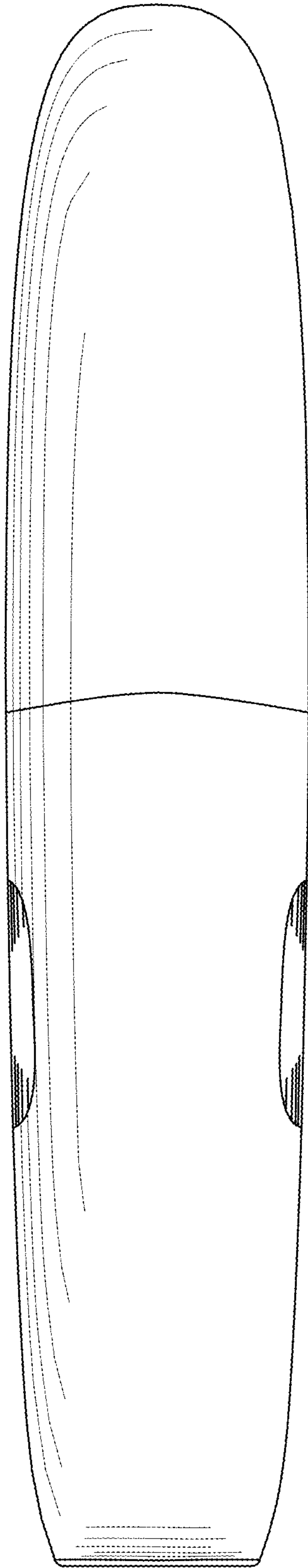


Fig. 5

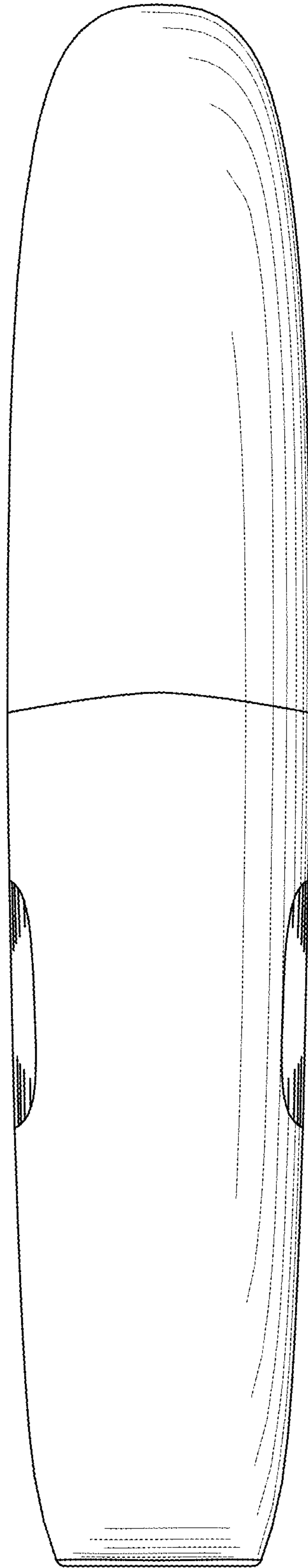


Fig. 6

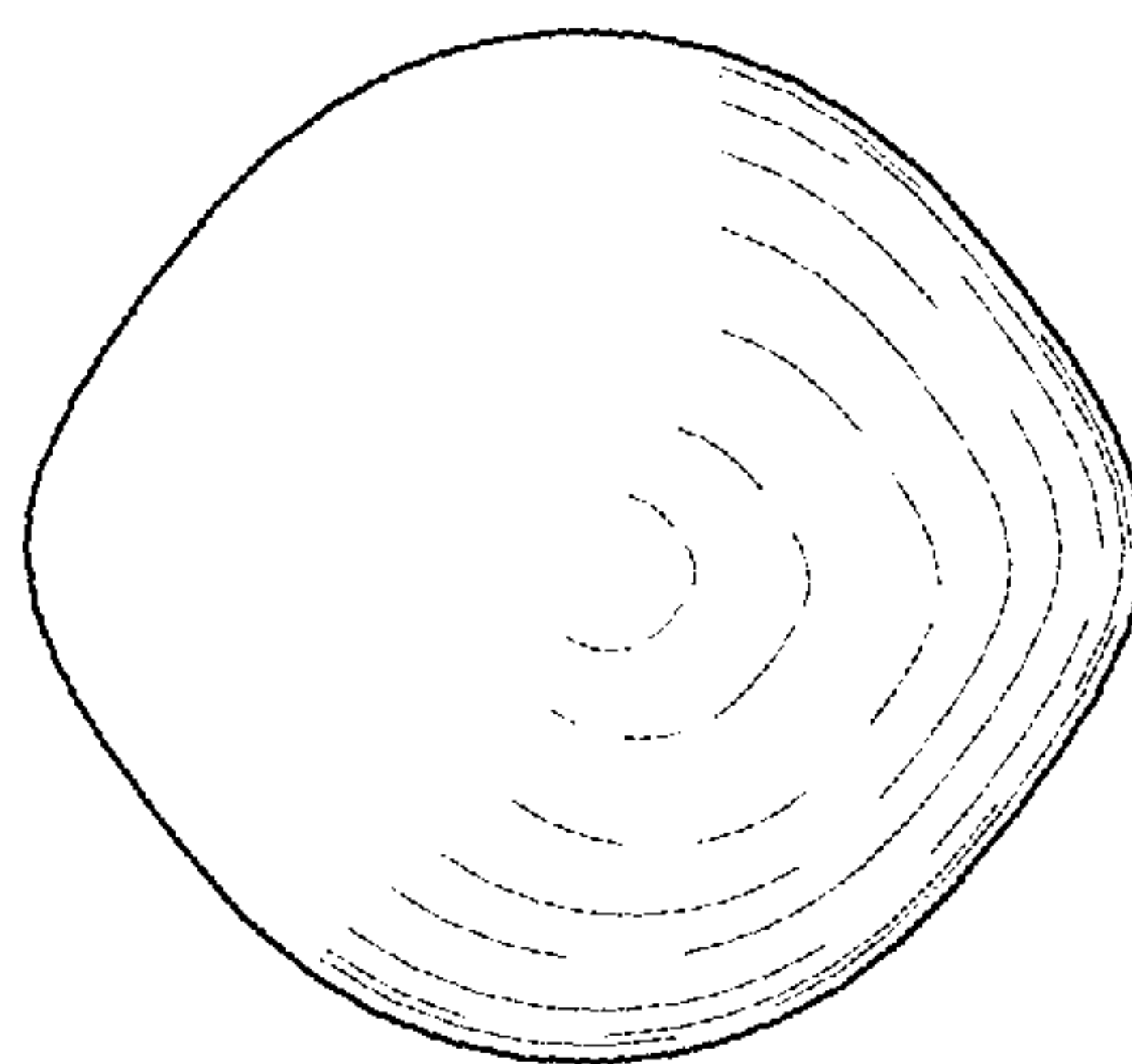
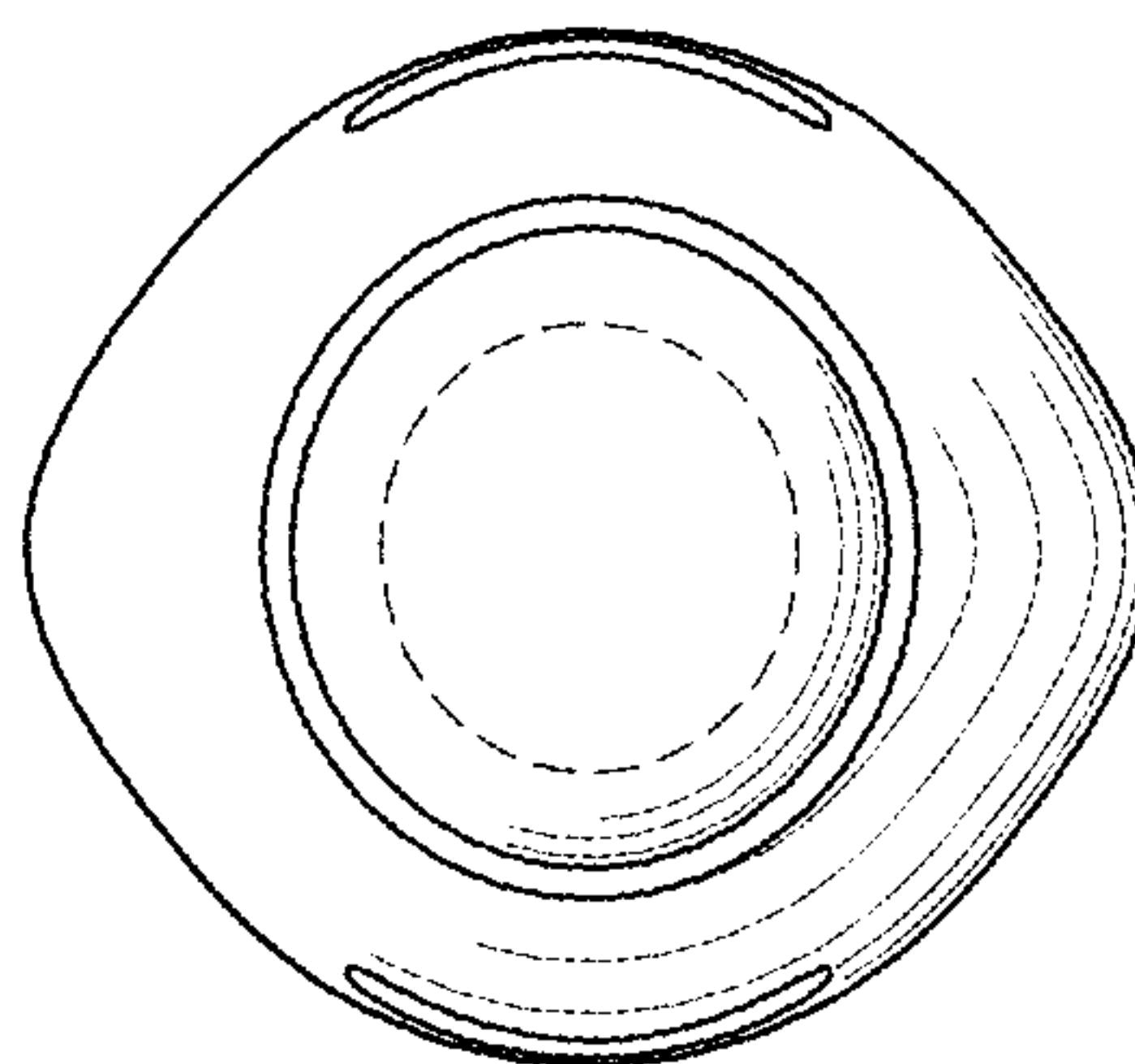


Fig. 7



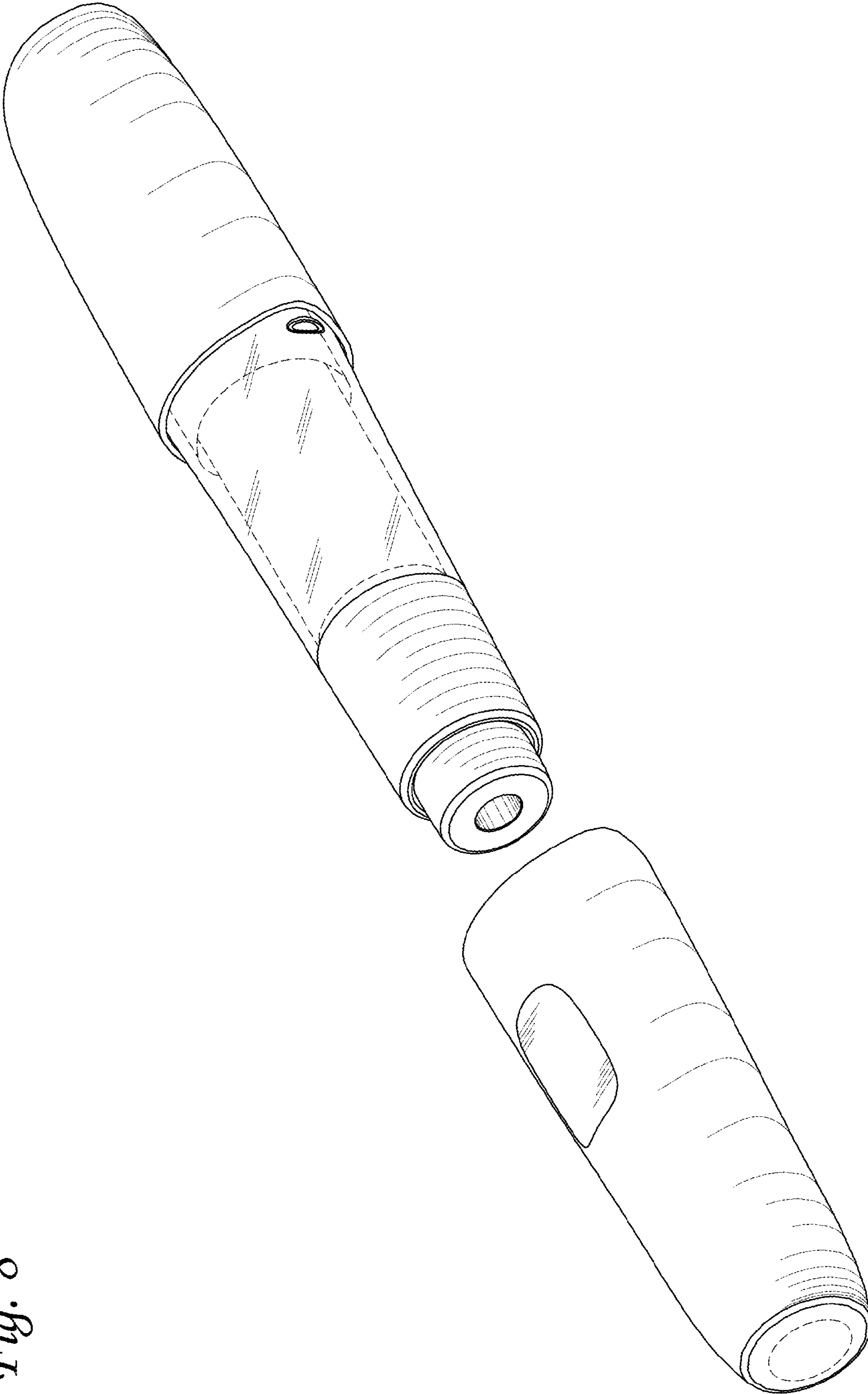


Fig. 8

Fig. 9

