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(12) **United States Design Patent** (10) **Patent No.:** **US D1,056,331 S**
Yuan et al. (45) **Date of Patent:** **** Dec. 31, 2024**

(54) **ATOMIZER FOR ELECTRONIC CIGARETTE**

A24F 40/00; A24F 40/10; A24F 40/20;
A61M 15/00; A61M 15/06

See application file for complete search history.

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(56) **References Cited**

U.S. PATENT DOCUMENTS

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D817,544 S *	5/2018	Chen	D27/167
D877,975 S *	3/2020	Crowe	D27/162
D898,993 S *	10/2020	Li	D27/167
D921,974 S *	6/2021	Li	.....	D27/162
D943,184 S *	2/2022	Jones	.....	D27/162
D958,449 S *	7/2022	Yuan	.....	D27/162
D960,437 S *	8/2022	Liu	.....	D27/162
D960,441 S *	8/2022	Liu	.....	D27/162
D961,839 S *	8/2022	Liu	.....	D27/162
D978,421 S *	2/2023	Liu	.....	D27/162

(Continued)

(73) Assignee: **SHENZHEN FIRST UNION TECHNOLOGY CO., LTD.**, Shenzhen (CN)

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

OTHER PUBLICATIONS

(21) Appl. No.: **29/895,238**

Vaporizer Atomizer By DHgate found on line (Apr. 4, 2024) <https://www.dhgate.com/product/100-original-electronic-cigarette-tvr-k1/405915727.html> (Mar. 15, 2023).*

(22) Filed: **Jun. 19, 2023**

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(74) *Attorney, Agent, or Firm* — Cheng-Ju Chiang

Related U.S. Application Data

(62) Division of application No. 29/771,232, filed on Feb. 21, 2021, now Pat. No. Des. 991,546.

(57) **CLAIM**

(30) **Foreign Application Priority Data**

Aug. 20, 2020 (CN) 202030479393.5
Jan. 16, 2021 (CN) 202130031054.5

The ornamental design for an atomizer for an electronic cigarette, as shown and described.

(51) **LOC (14) Cl.** **27-02**

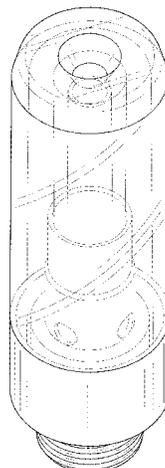
(52) **U.S. Cl.**
USPC **D27/162**

DESCRIPTION

(58) **Field of Classification Search**
USPC D27/162, 100, 101, 163–165, 172, 174,
D27/183, 185–194; D24/110, 110.5;
D23/360, 363, 366
CPC A24F 40/40; A24F 40/42; A24F 40/44;

FIG. 1 is a perspective view of an atomizer for an electronic cigarette in accordance with our invention; FIG. 2 is a front elevational view of the atomizer of FIG. 1; FIG. 3 is a back elevational view thereof; FIG. 4 is a left elevational view thereof; FIG. 5 is a right elevational view thereof; FIG. 6 is a top plan view thereof; and, FIG. 7 is a bottom plan view thereof.

(Continued)



The broken lines in the drawings depict portions of the atomizer for an electronic cigarette that form no part of the claimed design.

1 Claim, 7 Drawing Sheets

(56)

References Cited

U.S. PATENT DOCUMENTS

D979,128	S	*	2/2023	Liu	.....	D27/162
D979,129	S	*	2/2023	Liu	.....	D27/162
D979,130	S	*	2/2023	Liu	.....	D27/162
D988,584	S	*	6/2023	Liu	.....	D27/162
D988,585	S	*	6/2023	Liu	.....	D27/162
D991,546	S	*	7/2023	Yuan	.....	D27/162
D992,198	S	*	7/2023	Liu	.....	D27/162
D997,447	S	*	8/2023	Liu	.....	D27/162

* cited by examiner

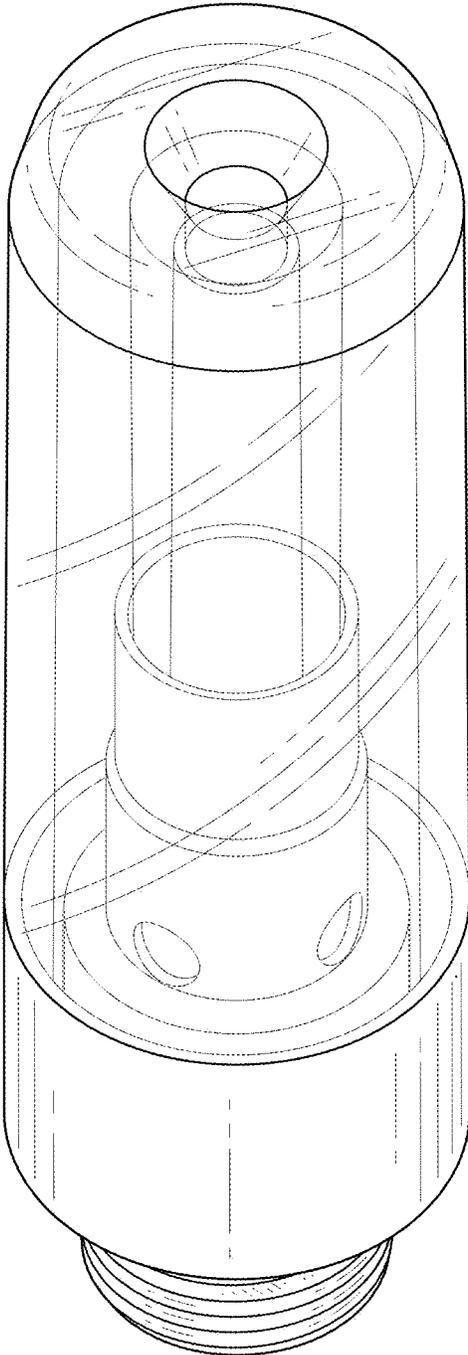


FIG. 1

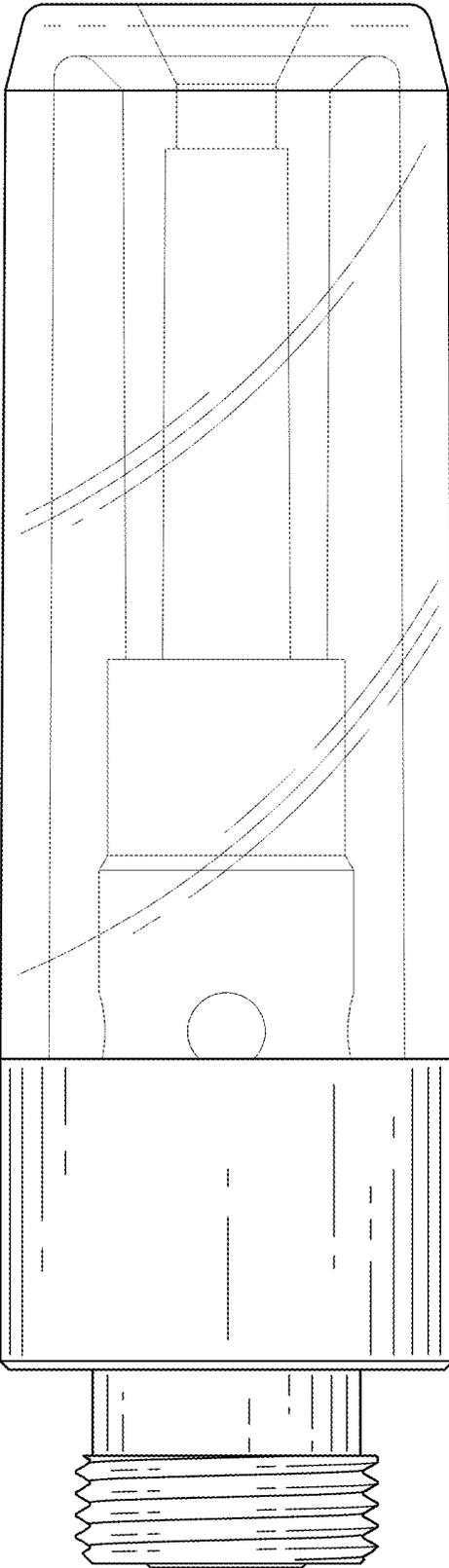


FIG. 2

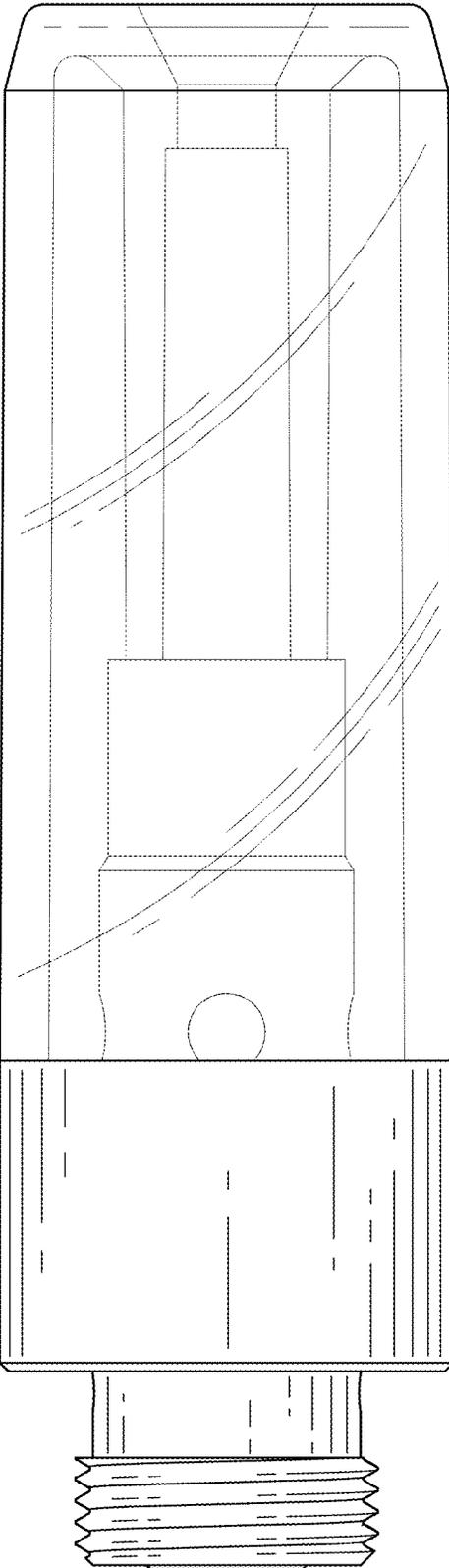


FIG. 3

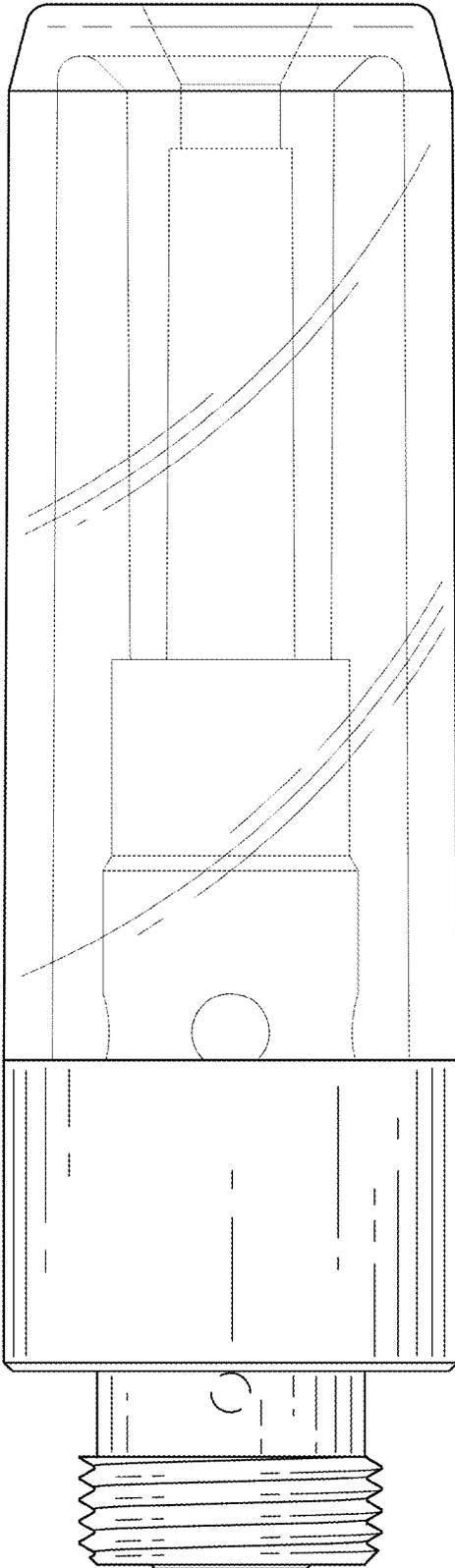


FIG. 4

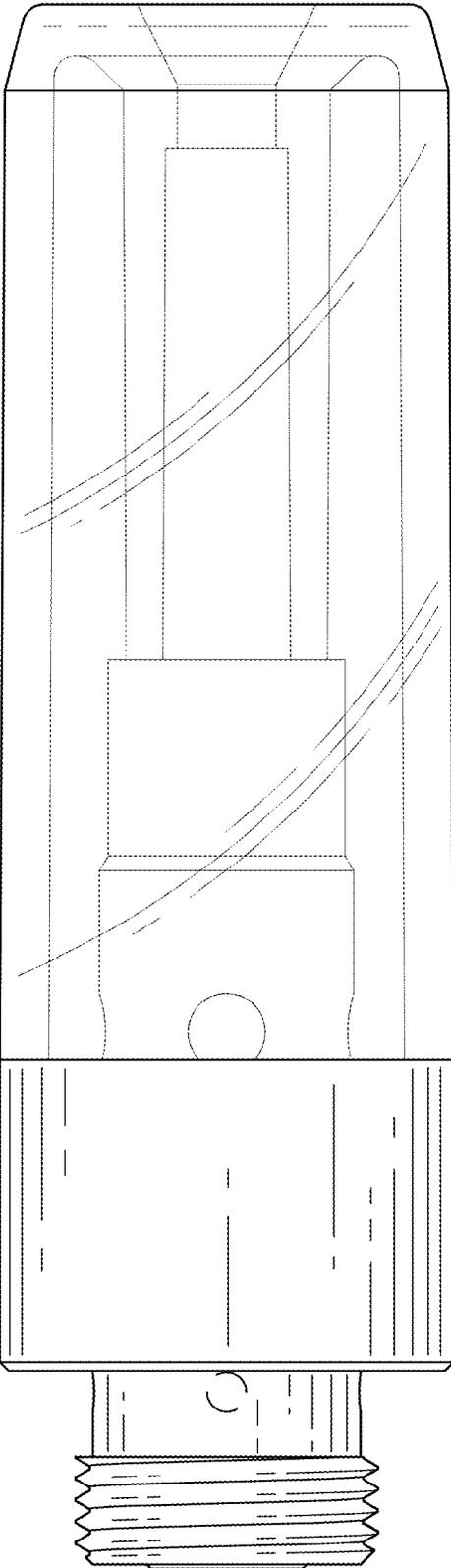


FIG. 5

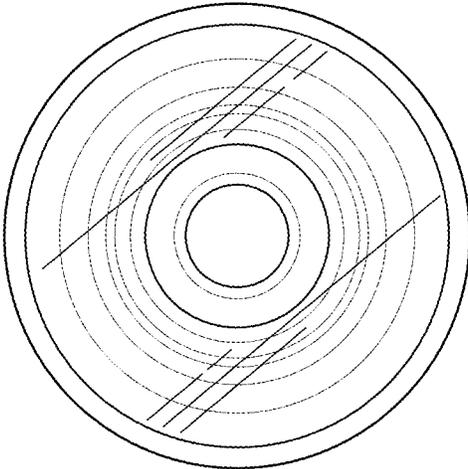


FIG. 6

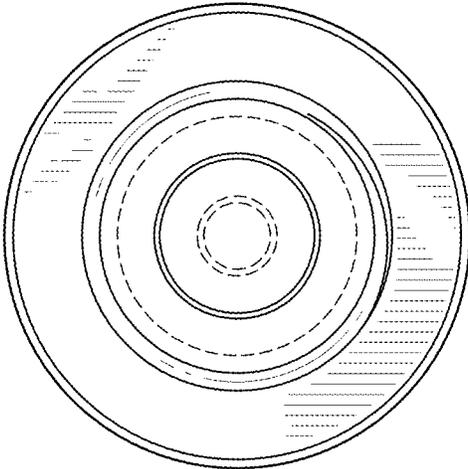


FIG. 7