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Jang et al.

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(54) **FAN WITH AIR PURIFICATION FUNCTION**

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (13) Cl.** **23-04**

(52) **U.S. Cl.**
USPC **D23/364**

(58) **Field of Classification Search**
USPC D23/332-333, 335-336, 342, 351, 352, D23/355-366, 396
CPC .. A61L 9/16; A61L 9/22; B01D 47/00; B01D 47/027; B01D 2221/02; B03C 3/155; B03C 3/368; F24F 3/16; F24F 13/20
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D433,494 S *	11/2000	Pinchuk	.....	D23/364
D506,000 S *	6/2005	Christianson	.....	D23/364
D529,160 S *	9/2006	Li	.....	D23/364
D539,406 S *	3/2007	Wang	.....	D23/364
D542,399 S *	5/2007	Chen	.....	D23/364
D550,342 S *	9/2007	Campbell	.....	D23/364

D551,329 S *	9/2007	Cheng	.....	D23/364
D574,476 S *	8/2008	Spiegel	.....	D23/364
D577,427 S *	9/2008	Spiegel	.....	D23/364
D588,686 S *	3/2009	Spiegel	.....	D23/364
D594,103 S *	6/2009	Campbell	.....	D23/364
D603,949 S *	11/2009	Campbell	.....	D23/364
D658,752 S *	5/2012	Farone	.....	D23/364
D678,992 S *	3/2013	Choi	.....	D23/364
D722,686 S *	2/2015	Salagnac	.....	D23/364
D729,377 S *	5/2015	Chen	.....	D23/378
D731,633 S *	6/2015	Farone	.....	D23/364
D744,077 S *	11/2015	Yasukochi	.....	D23/364
D861,148 S *	9/2019	Sheng	.....	D23/364
D891,598 S *	7/2020	Hernandez	.....	D23/364
D900,290 S *	10/2020	Shin	.....	D23/364
D918,369 S *	5/2021	Jang	.....	D23/364
D918,370 S *	5/2021	Jang	.....	D23/364
D919,068 S *	5/2021	Jang	.....	D23/364
D919,069 S *	5/2021	Jang	.....	D23/364
D919,782 S *	5/2021	Jang	D23/364
D919,783 S *	5/2021	Jang	D23/364

* cited by examiner

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(57) **CLAIM**

We claim the ornamental design for a fan with air purification function, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a fan with air purification function showing the new design; FIG. 2 is a front elevation view thereof; FIG. 3 is a rear elevation view thereof; FIG. 4 is a left-side elevation view thereof; FIG. 5 is a right-side elevation view thereof; FIG. 6 is a top plan view thereof; and, FIG. 7 is a bottom plan view thereof.

1 Claim, 6 Drawing Sheets

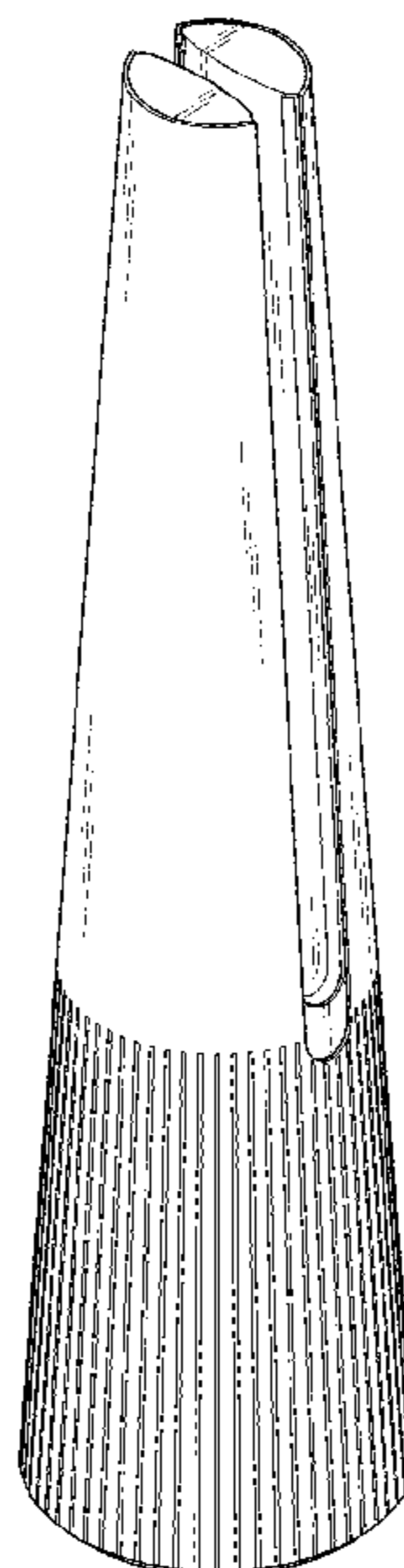


FIG. 1

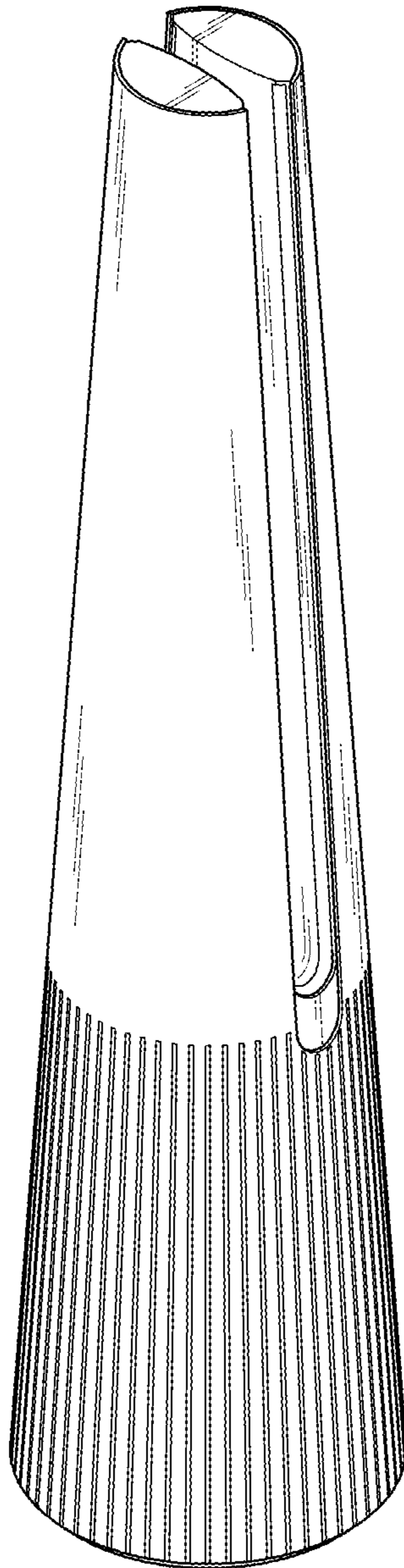


FIG. 2

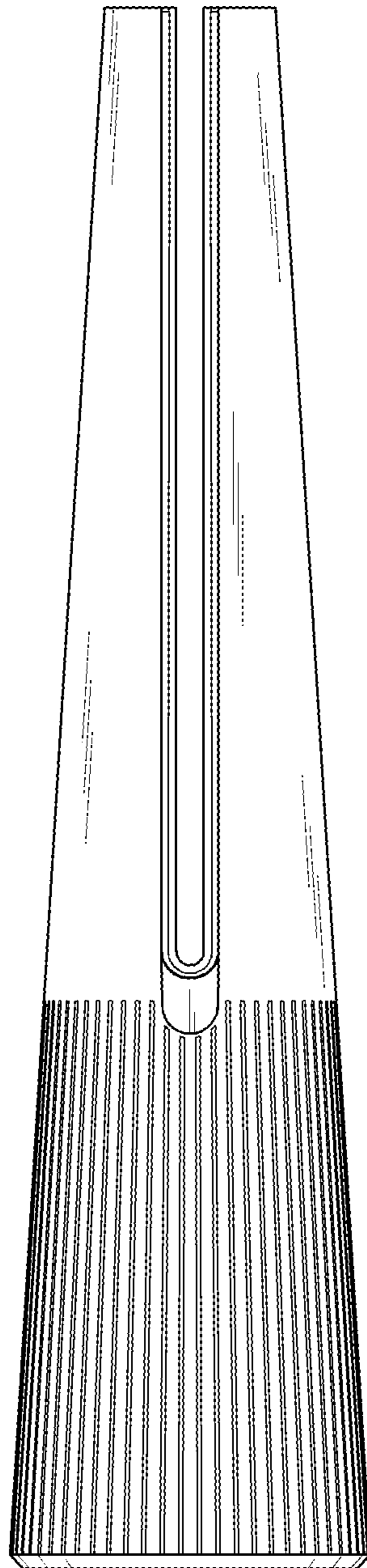


FIG. 3

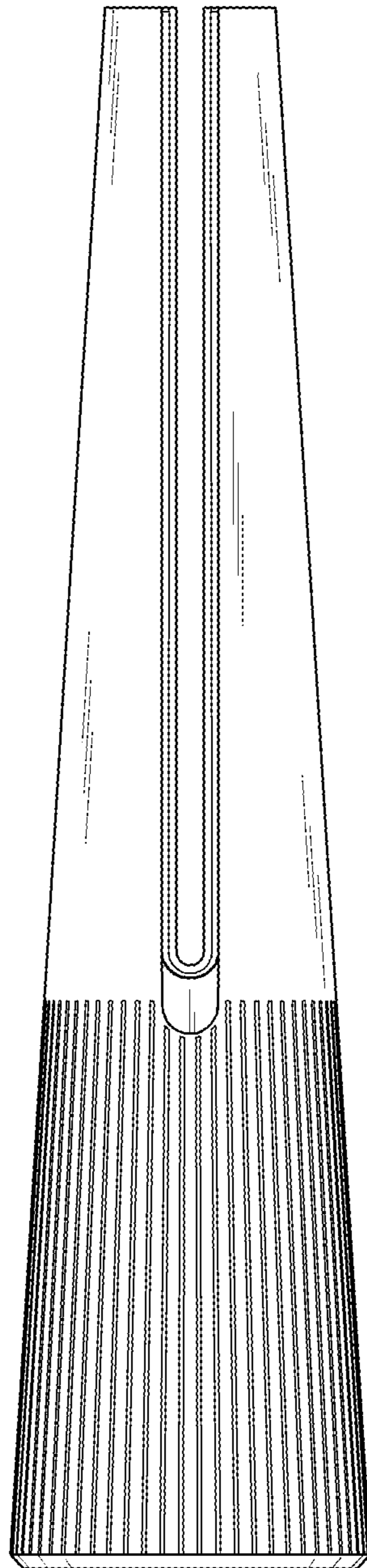


FIG. 4

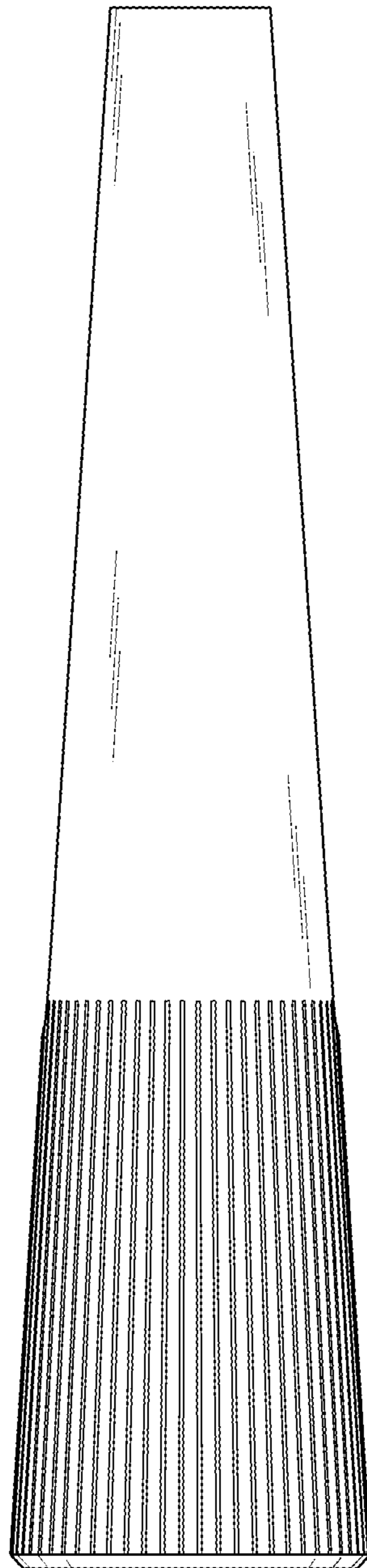


FIG. 5

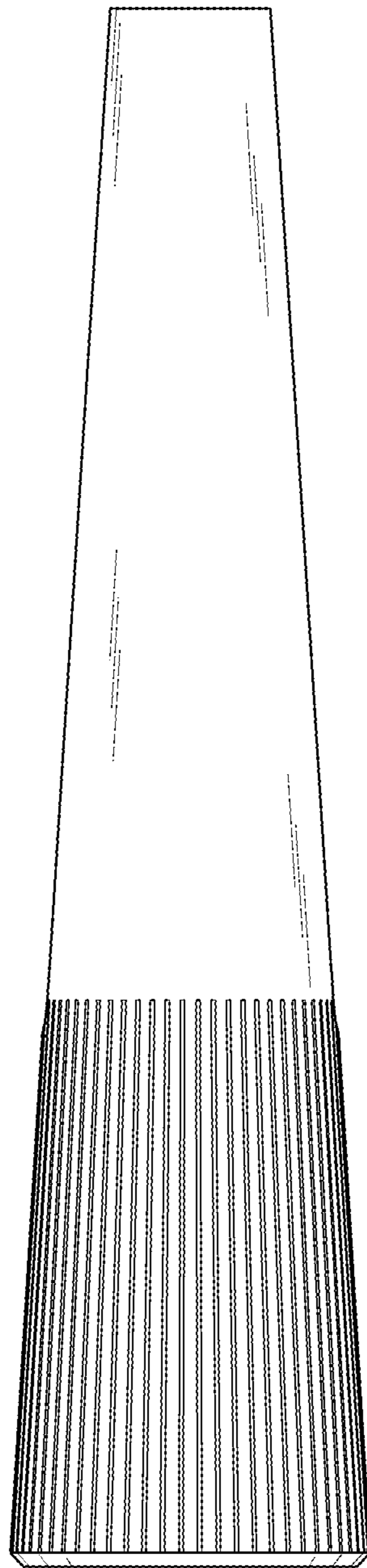


FIG. 6

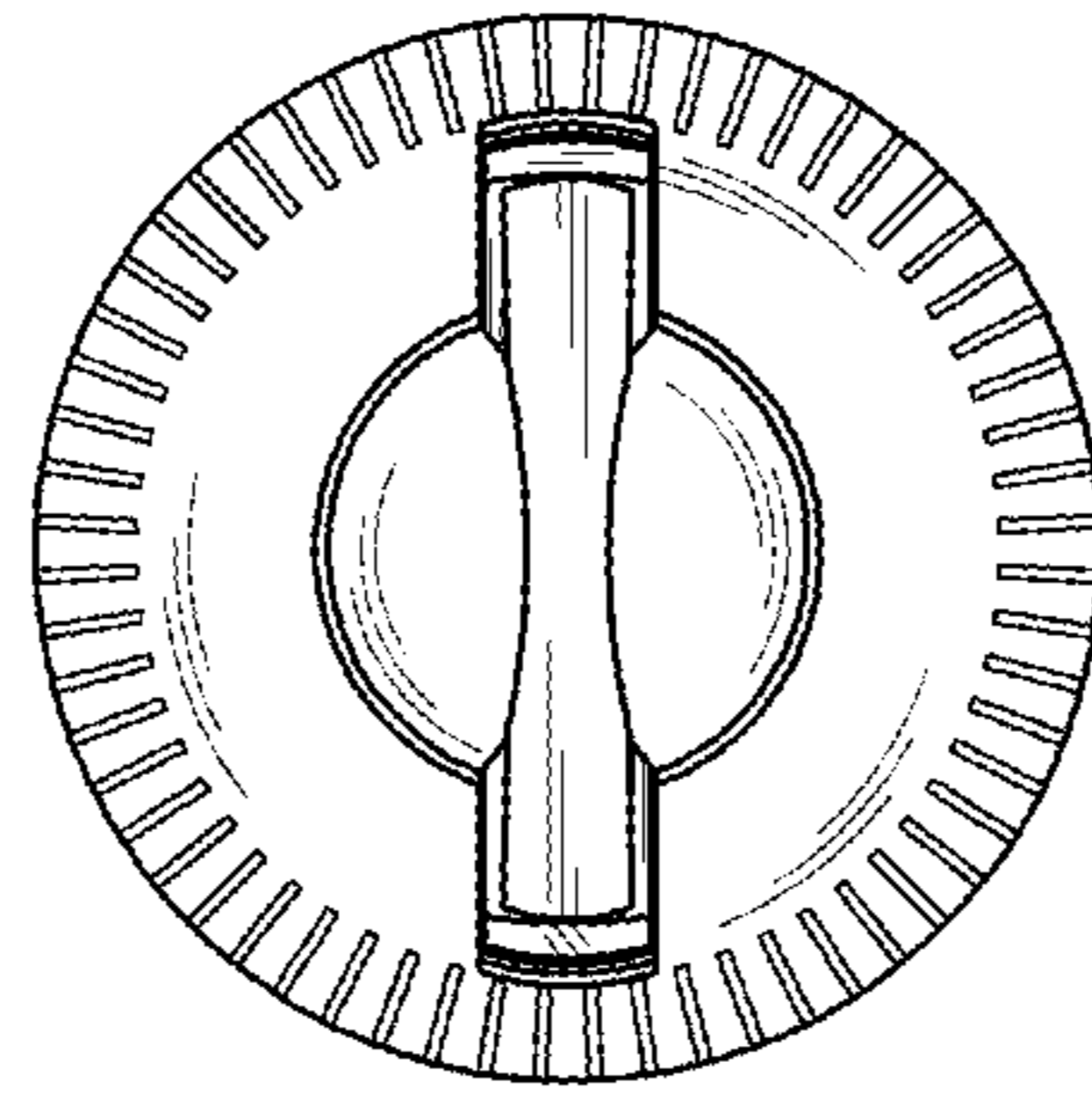


FIG. 7

