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(12)

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Lei

(10)

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(54) HUMIDIFIER

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USPC D23/356

(58) Field of Classification Search
USPC D23/355-366, 352, 369, 332, 333, 335,
D23/336, 342, 351

(Continued)

(56) References Cited

U.S. PATENT DOCUMENTS

D274,353 S * 6/1984 Hoyle D23/352
D818,097 S * 5/2018 Cho D23/364

(Continued)

OTHER PUBLICATIONS

Notification of Refusal, JPO Application No. 2020-501307, dated
Feb. 19, 2021, 14 pgs.

(Continued)

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Bockius LLP

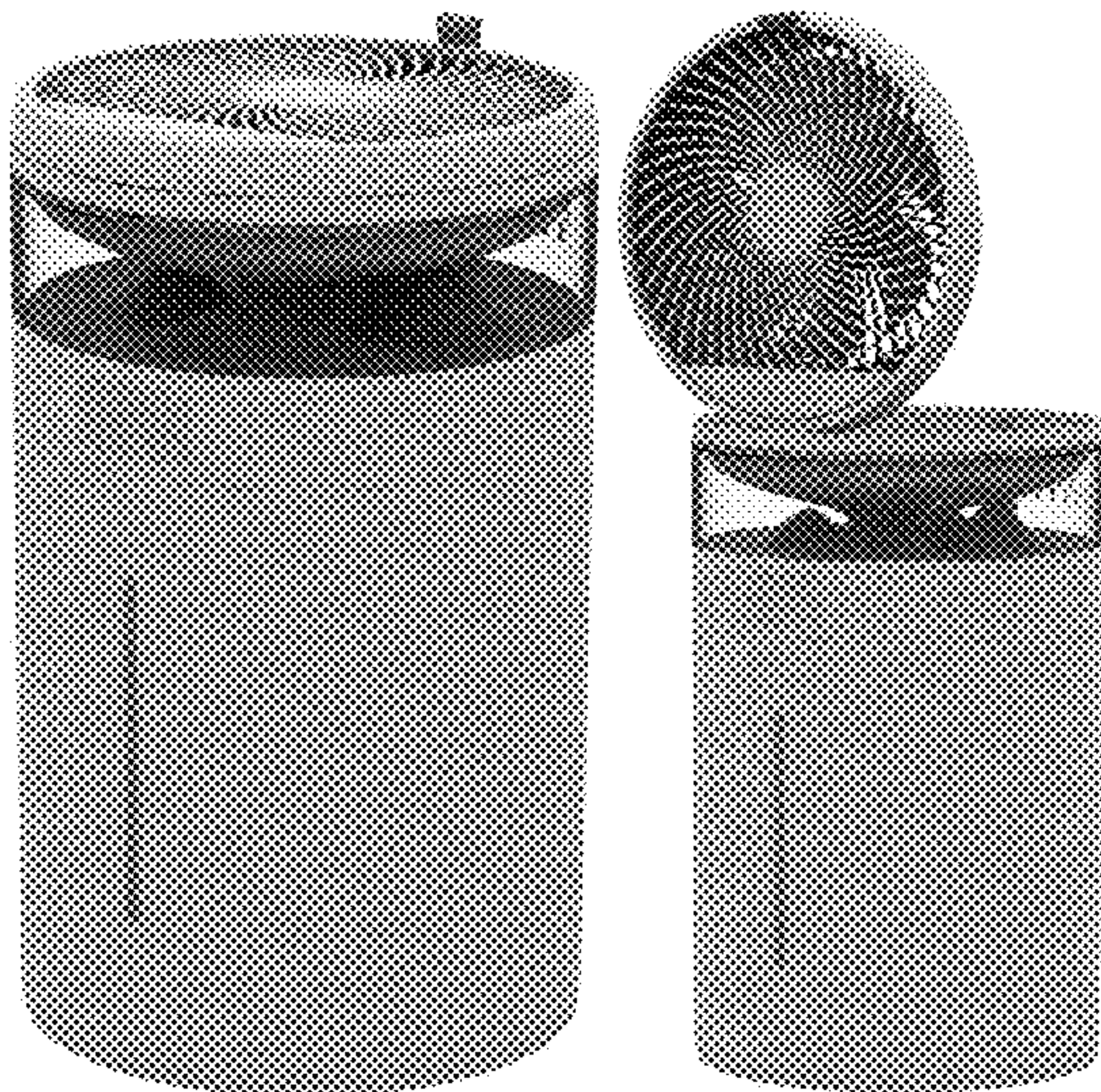
(57) CLAIM

The ornamental design for a humidifier, as shown and
described.

DESCRIPTION

- 1.-3. Humidifier
1.1 : Front
1.2 : Back
1.3 : Left
1.4 : Right
1.5 : Top
1.6 : Bottom
1.7 : Perspective
2.1 : Front
2.2 : Back
2.3 : Left
2.4 : Right
2.5 : Top
2.6 : Bottom
2.7 : Perspective
3.1 : Front
3.2 : Back
3.3 : Left
3.4 : Right
3.5 : Top
3.6 : Bottom
3.7 : Perspective
3.8 : Front view of state of change
3.9 : Back view of state of change
3.10 : Left view of state of change
3.11 : Right view of state of change
3.12 : Top view of state of change
3.13 : Bottom view of state of change
3.14 : Perspective view of state of change

1 Claim, 28 Drawing Sheets



(58) Field of Classification Search

CPC .. A61L 9/16; A61L 9/22; B01D 47/00; B01D
47/027; B01D 2221/02; B01D 2259/4508;
B03C 3/155; B03C 3/368; F24F 3/16;
F24F 13/20; F24F 13/28; F24F
2001/0096

See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

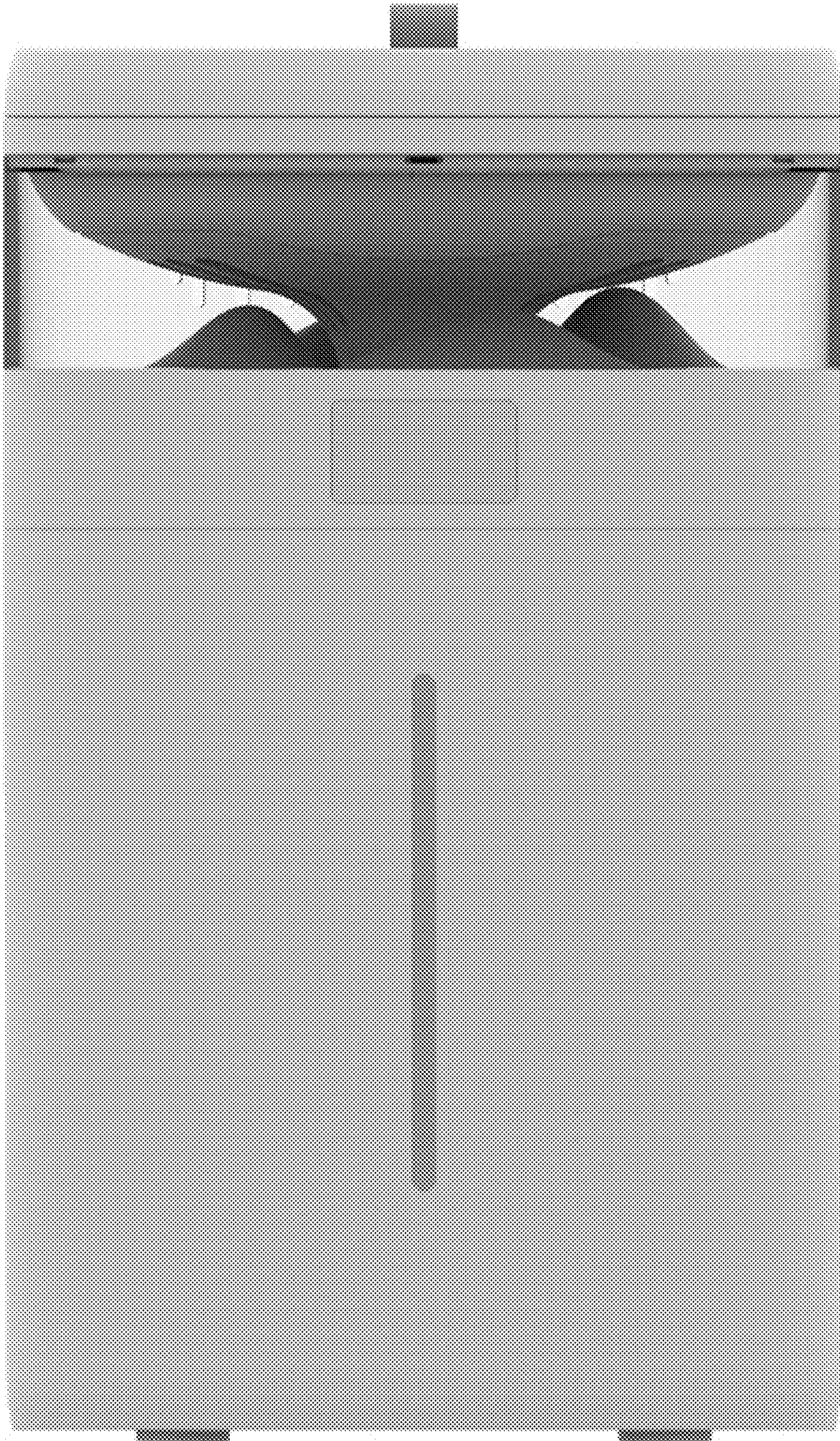
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D831,811	S	*	10/2018	Cho		D23/364
D855,787	S	*	8/2019	Sakamoto		D23/355
D865,149	S	*	10/2019	Lin		D23/364
D873,401	S	*	1/2020	Chen	.....	D23/364
D879,274	S	*	3/2020	Hu	.....	D23/356
D882,056	S	*	4/2020	Baillie	.....	D23/364
D886,272	S	*	6/2020	Yang	.....	D23/364
D886,975	S	*	6/2020	Yang	.....	D23/364
D890,905	S	*	7/2020	Farone	.....	D23/364
D892,289	S	*	8/2020	Baillie	.....	D23/356
D905,220	S	*	12/2020	Farone	.....	D23/364
D906,501	S	*	12/2020	Lim	.....	D23/364
D919,071	S	*	5/2021	Zheng	.....	D23/364
D925,716	S	*	7/2021	Qin	.....	D23/356

OTHER PUBLICATIONS

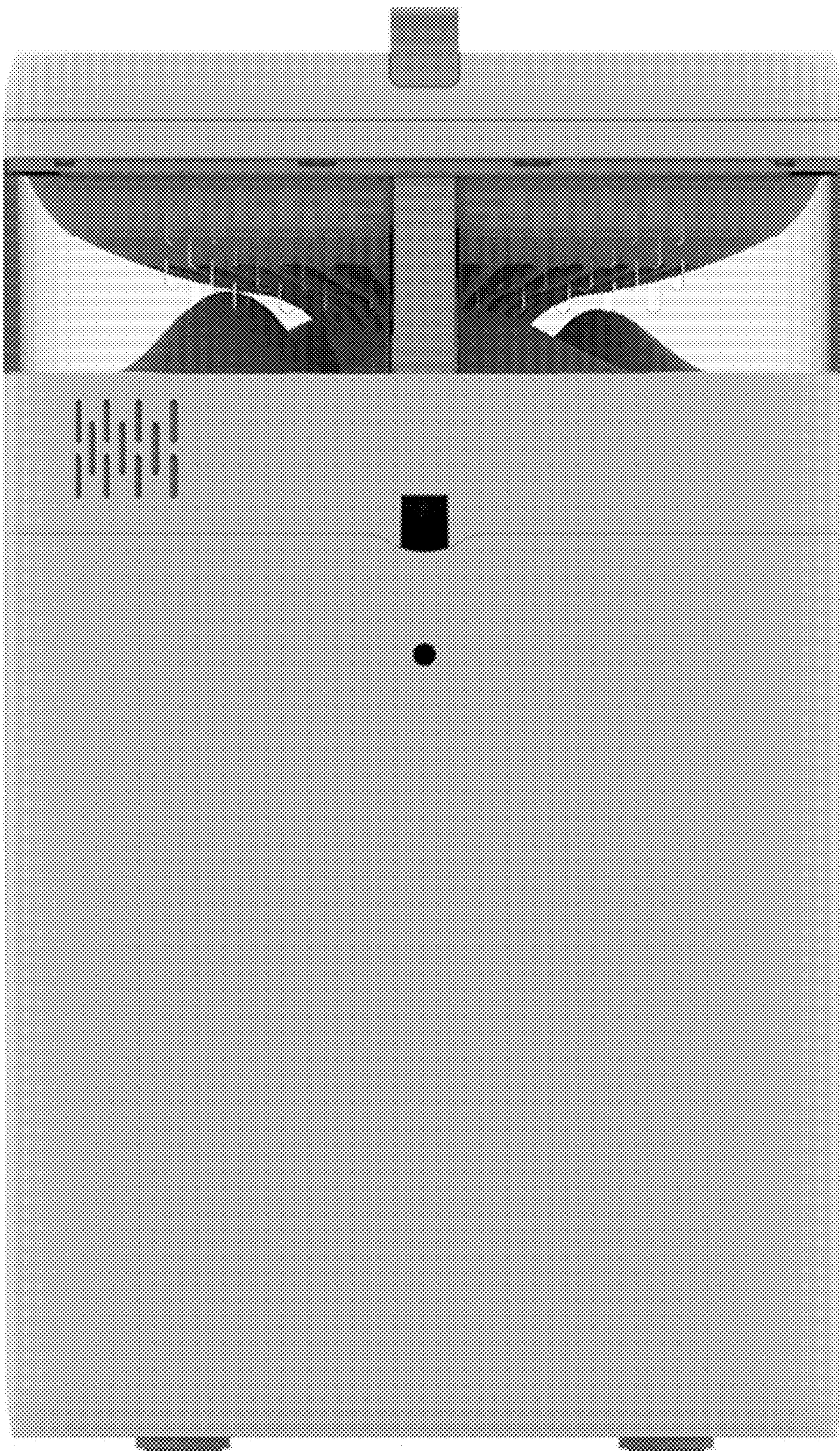
Notification of Refusal, JPO Application No. 2020-501308, dated
Feb. 19, 2021, 14 pgs.

* cited by examiner

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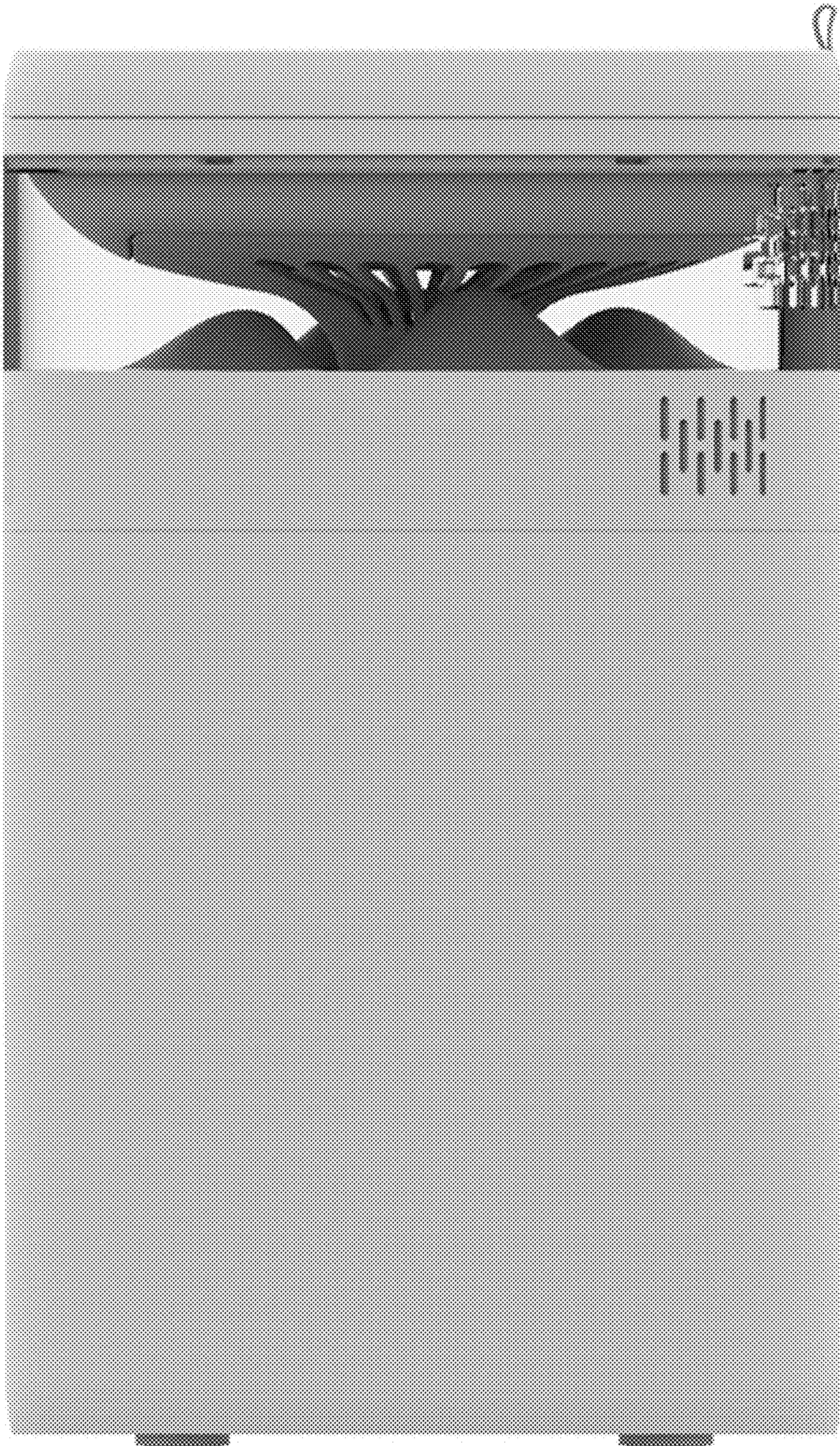
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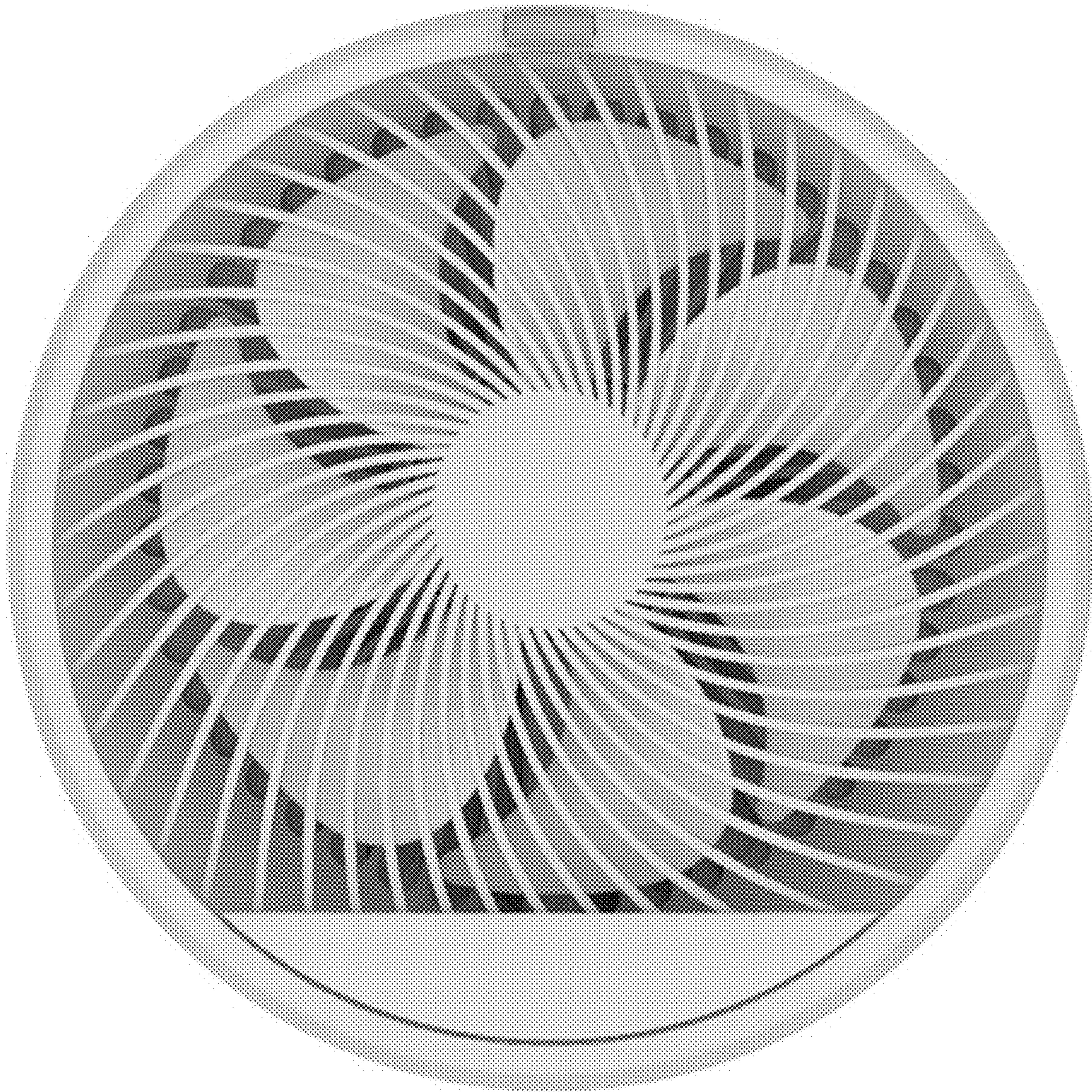
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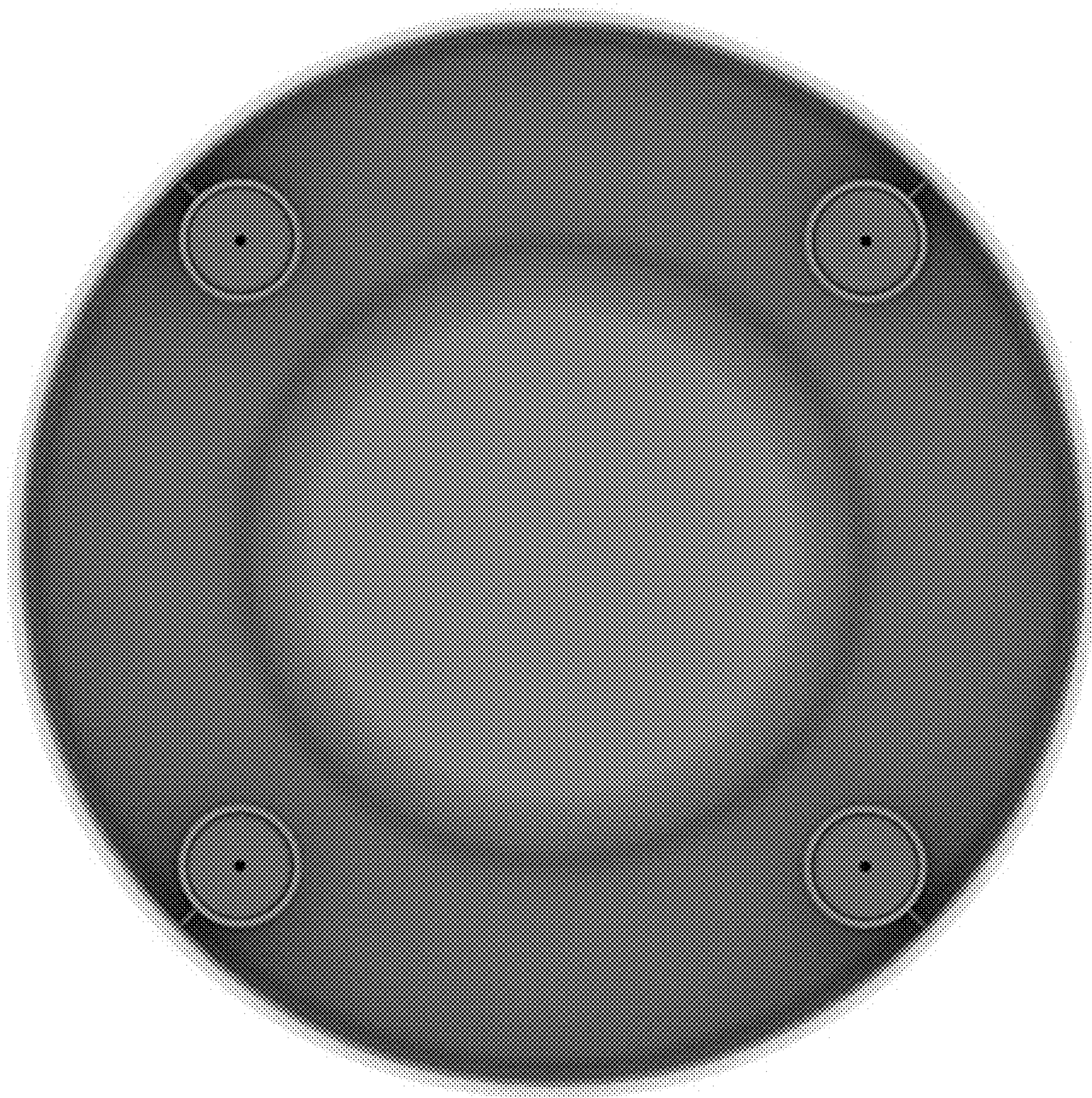
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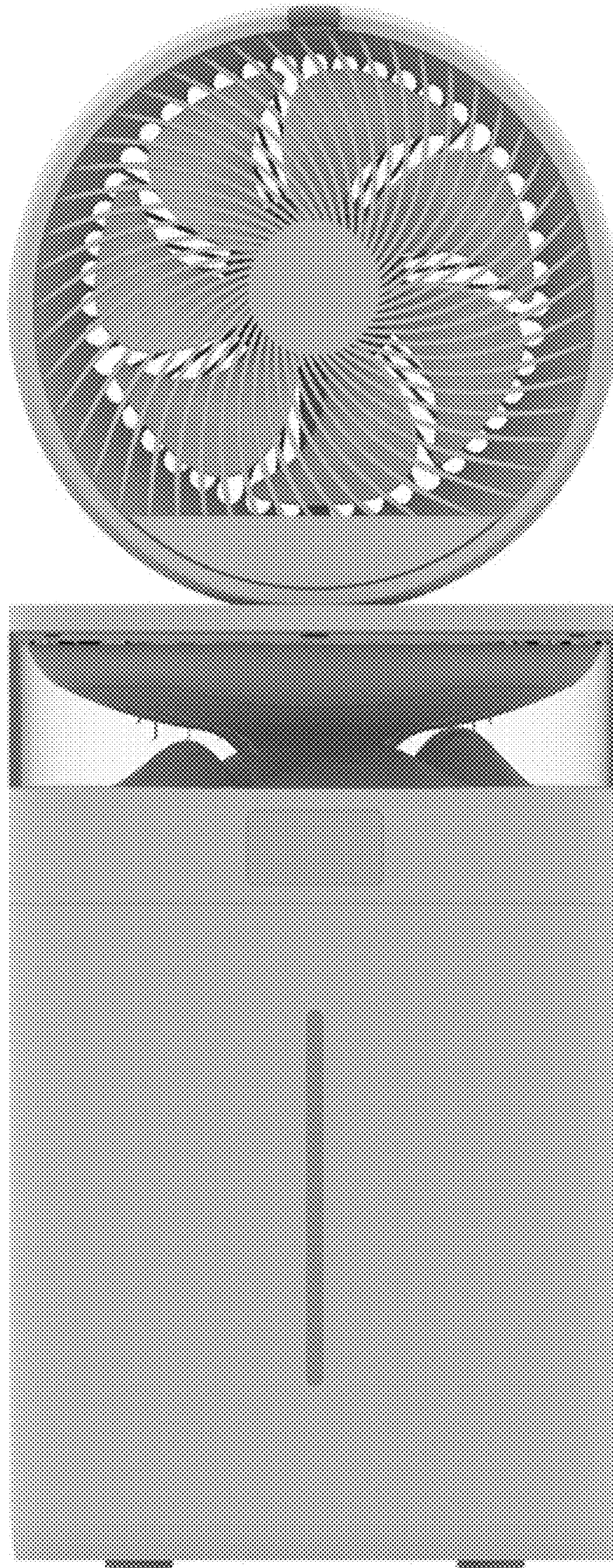
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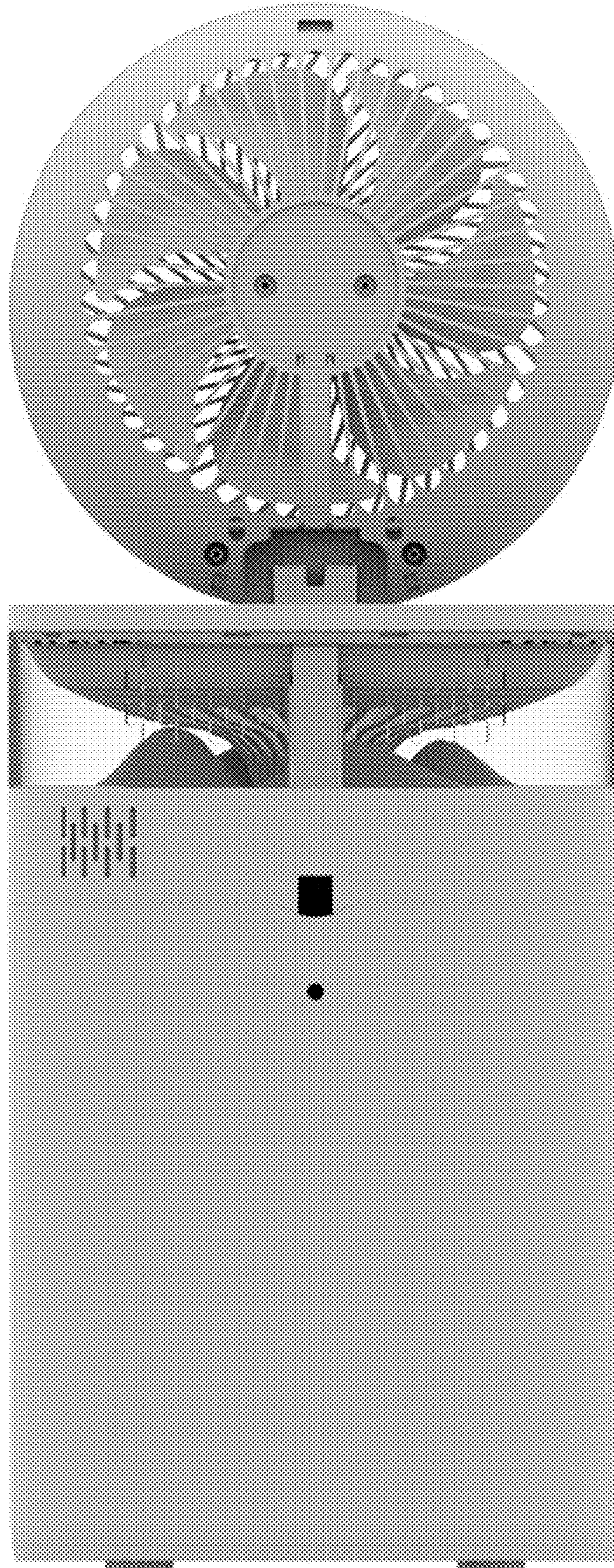
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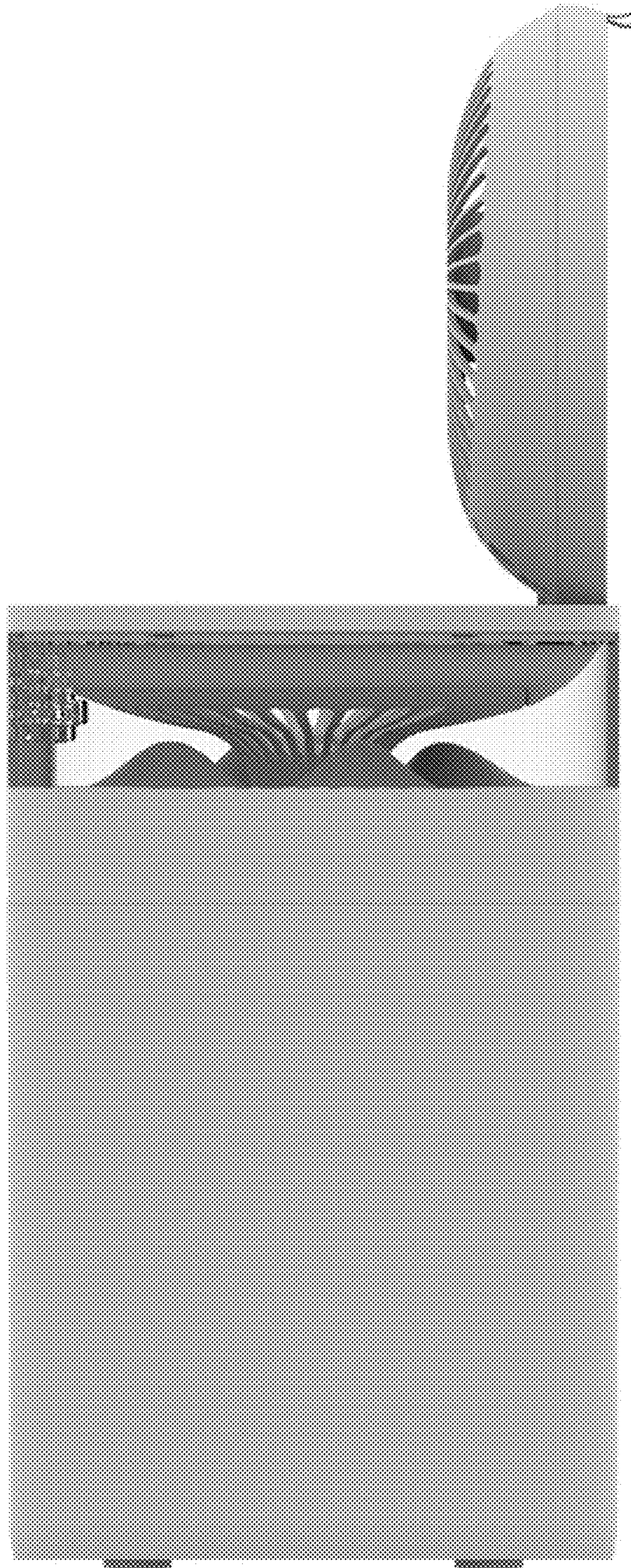
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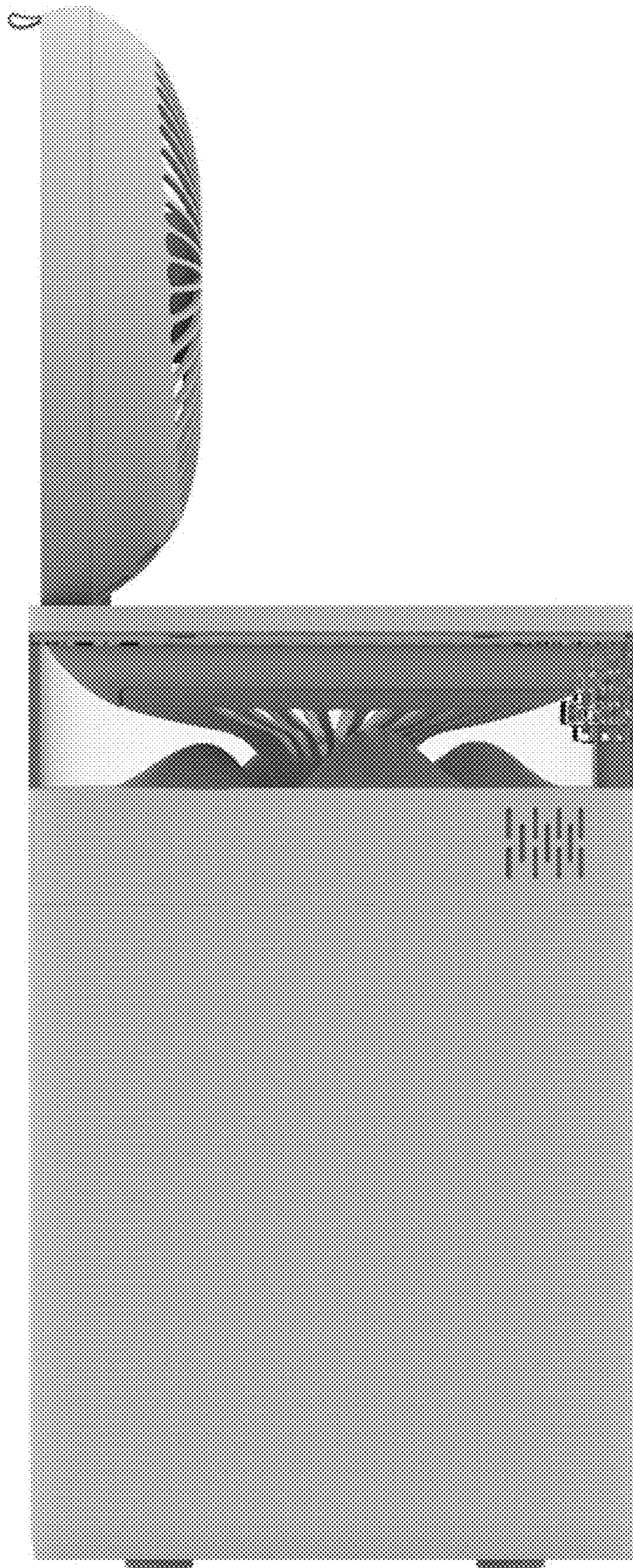
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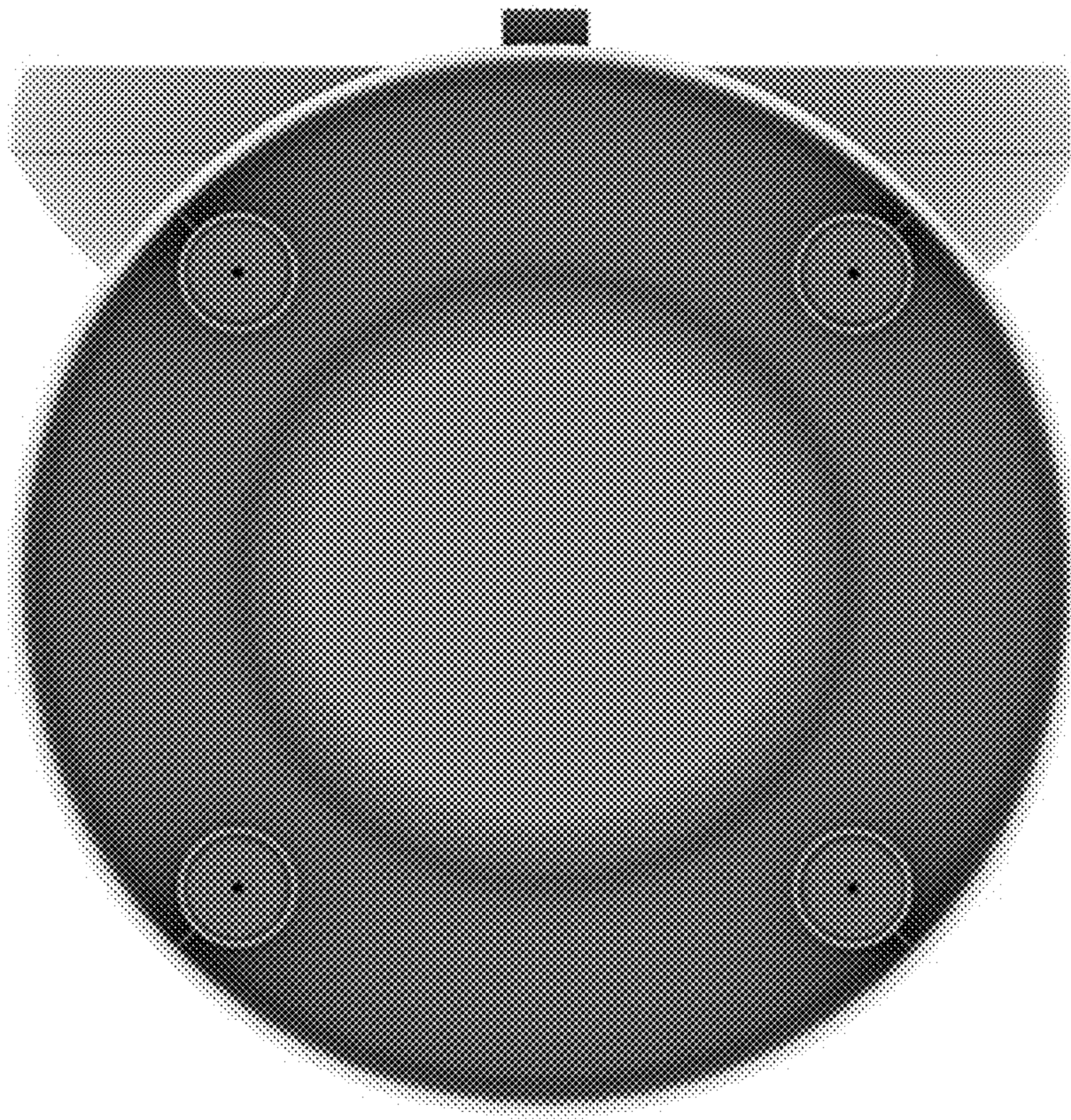
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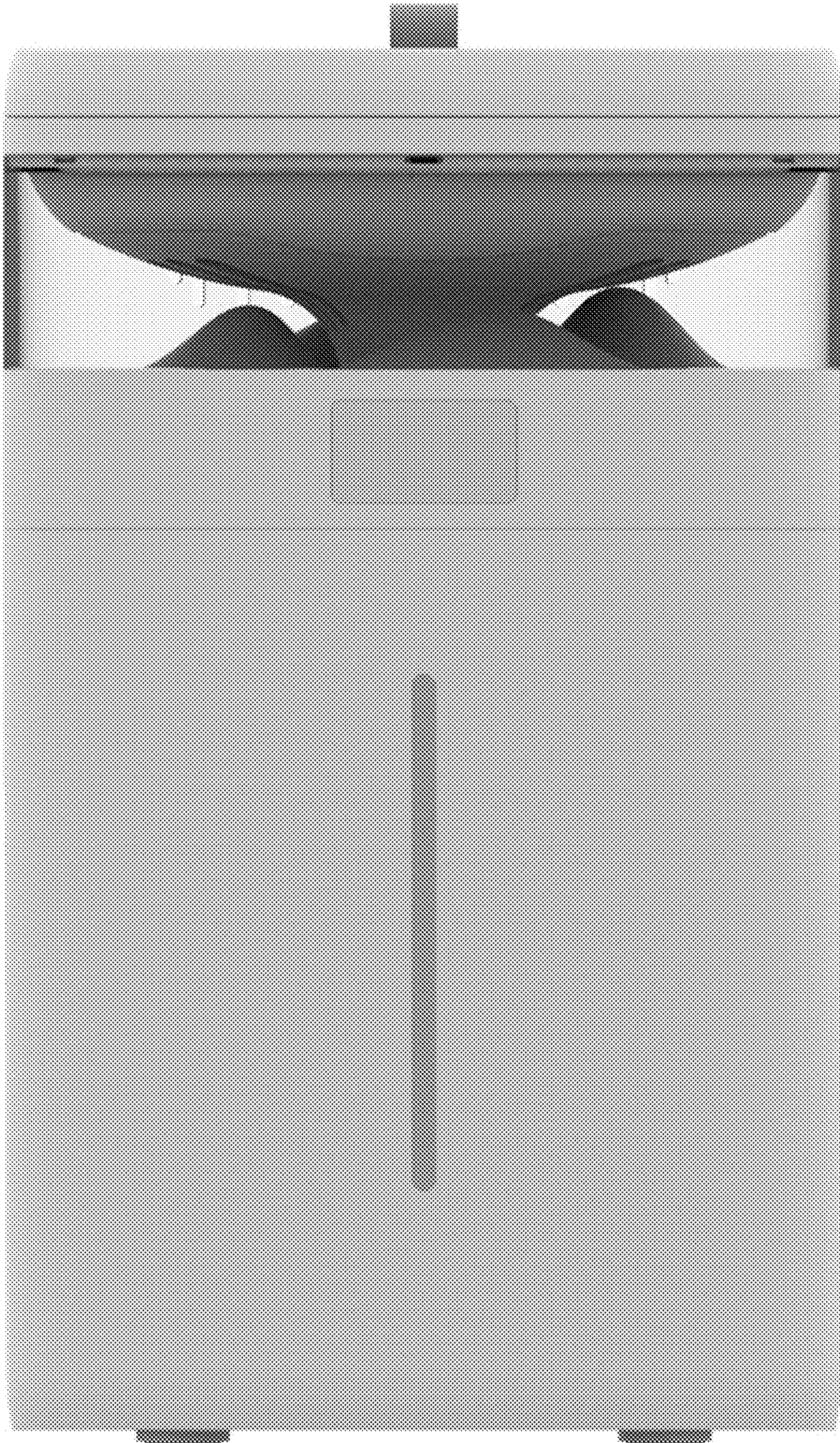
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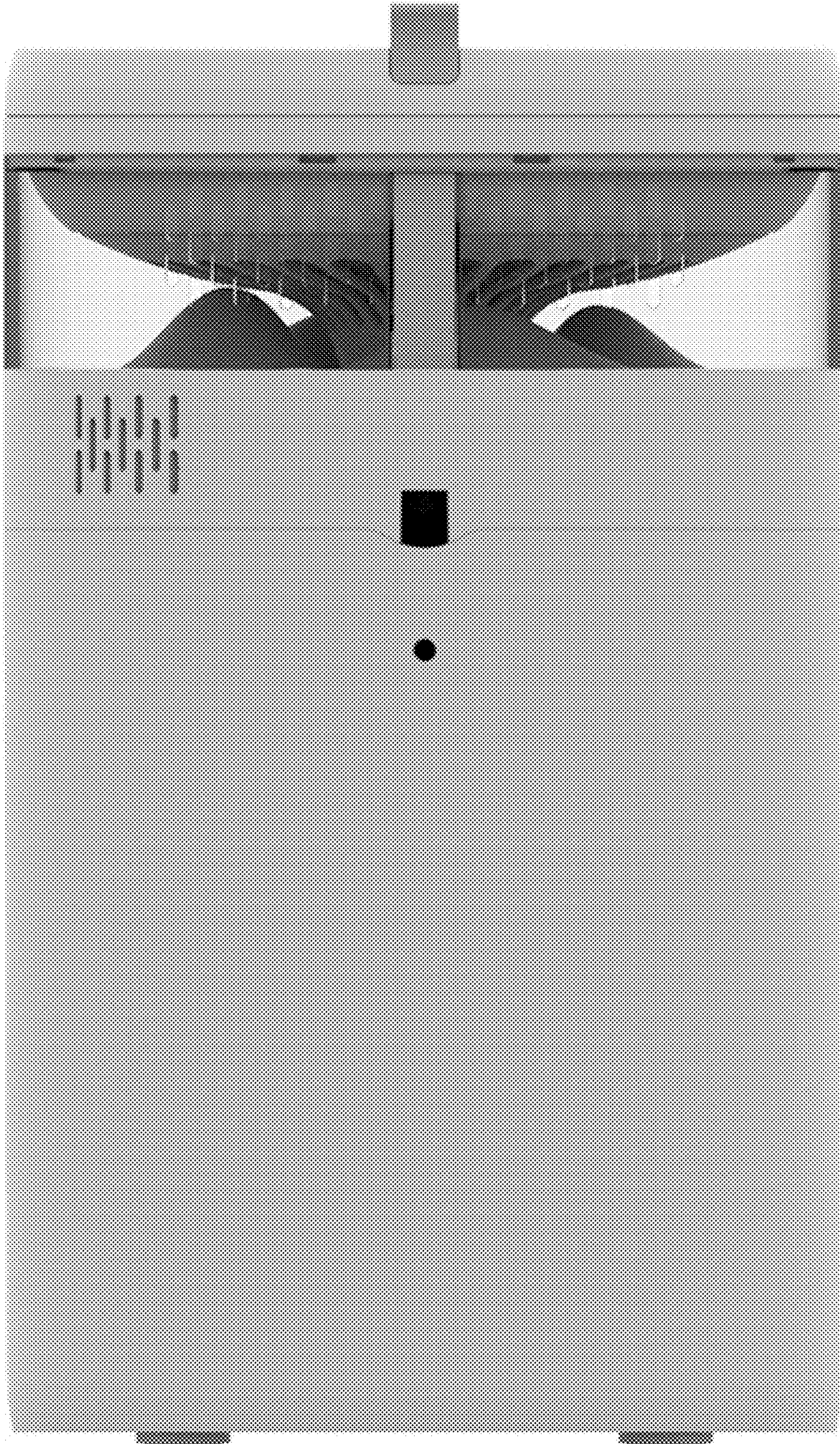
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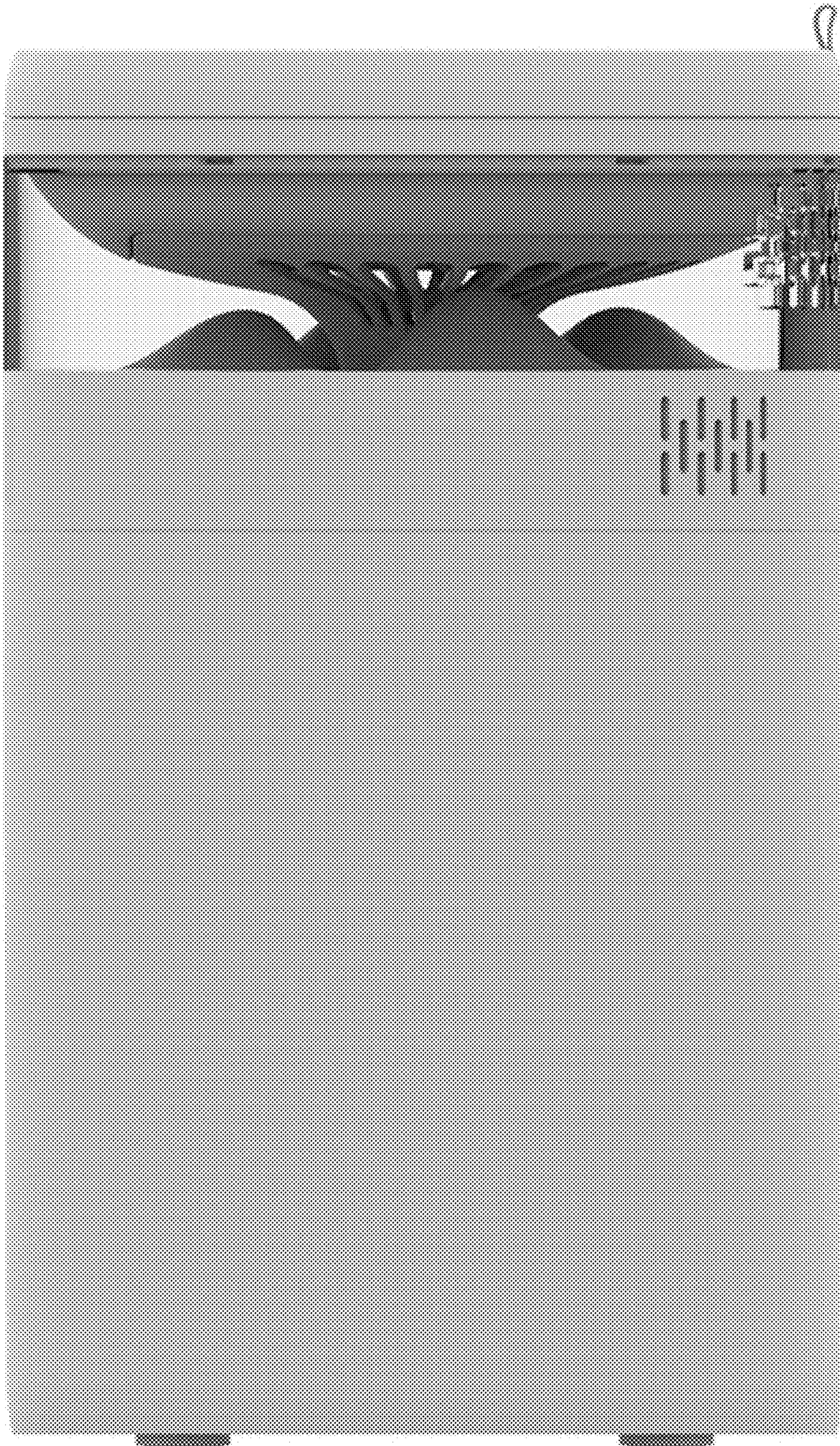
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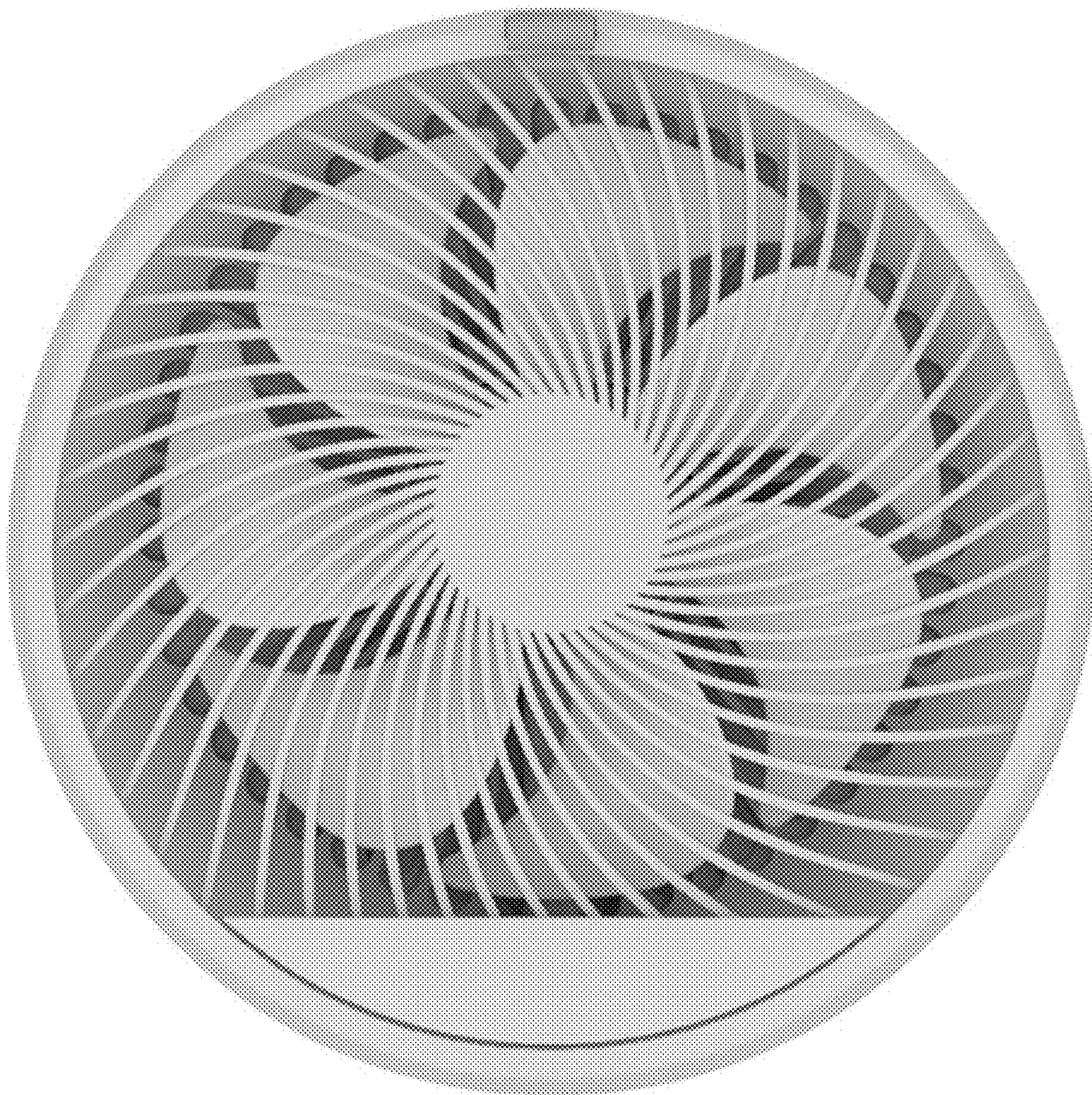
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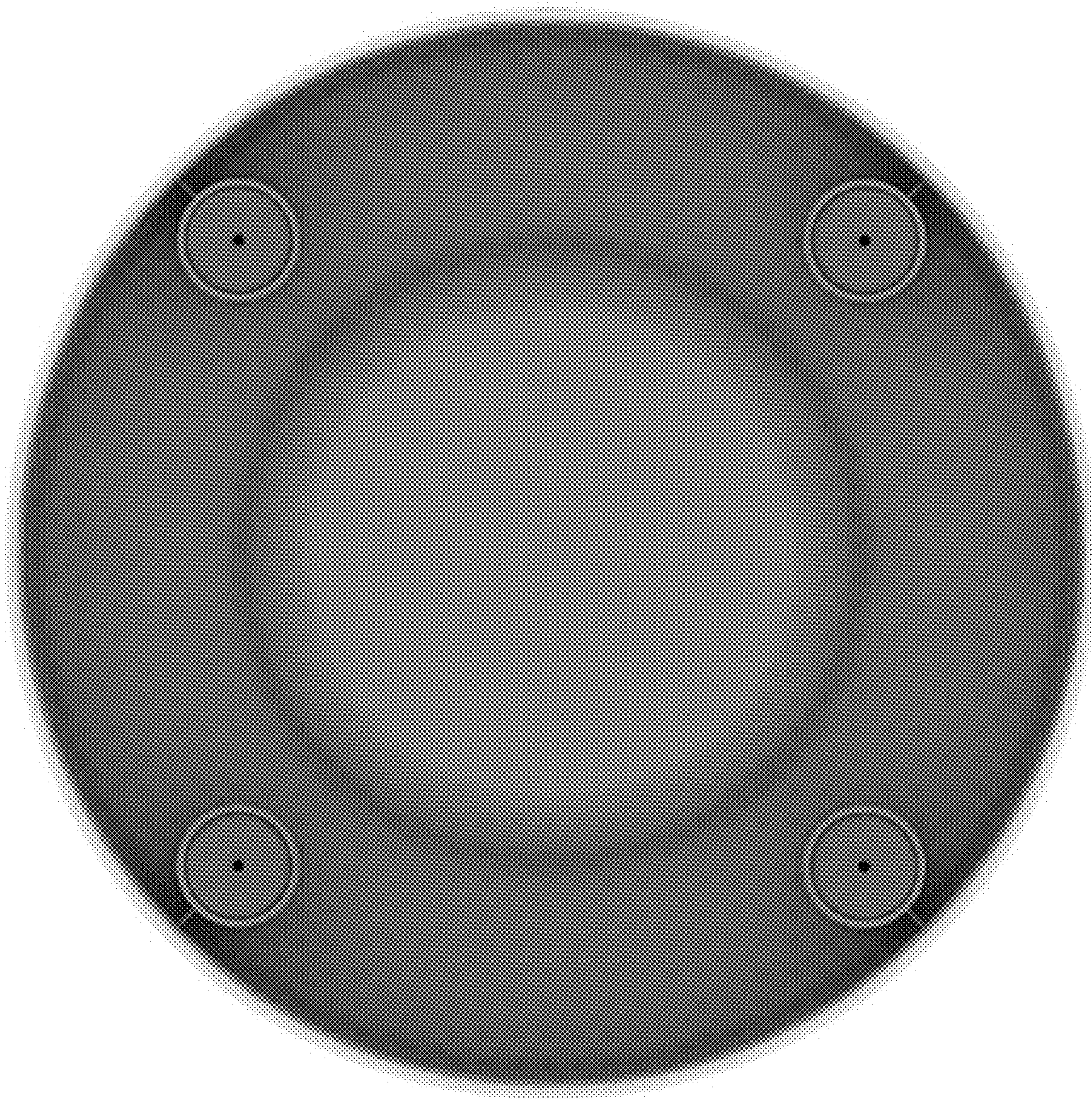
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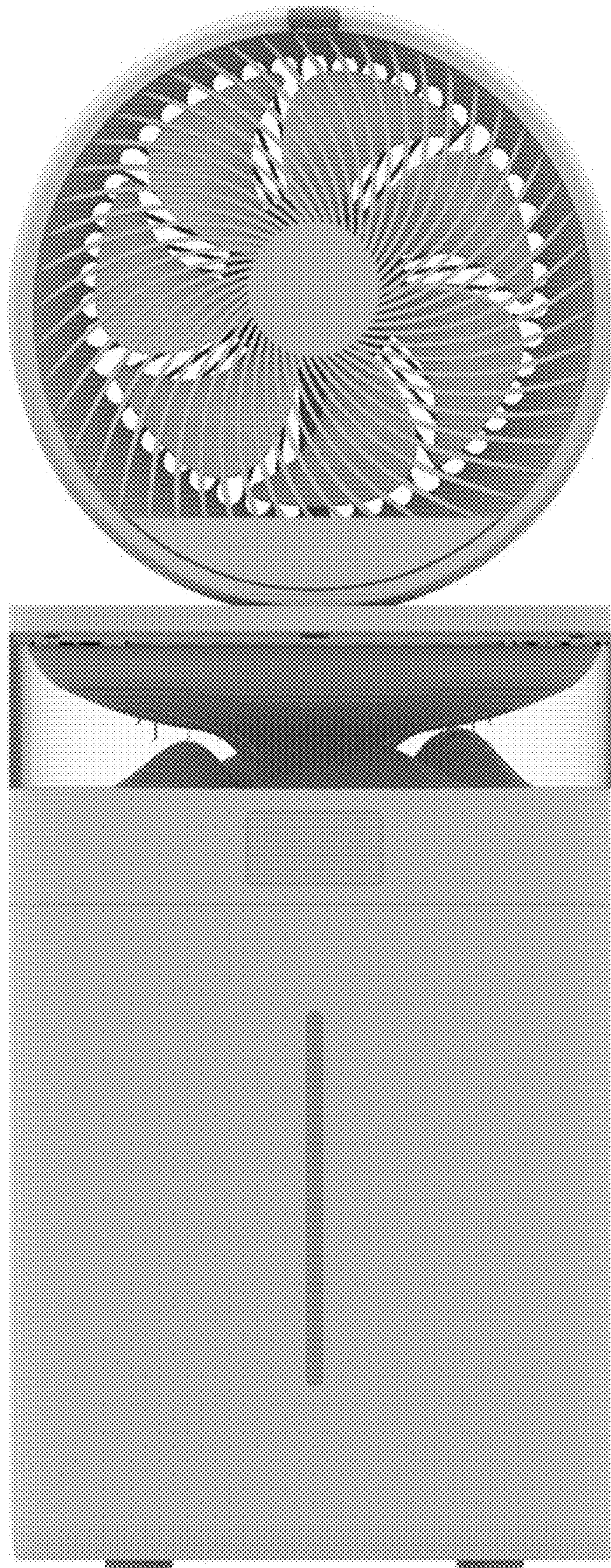
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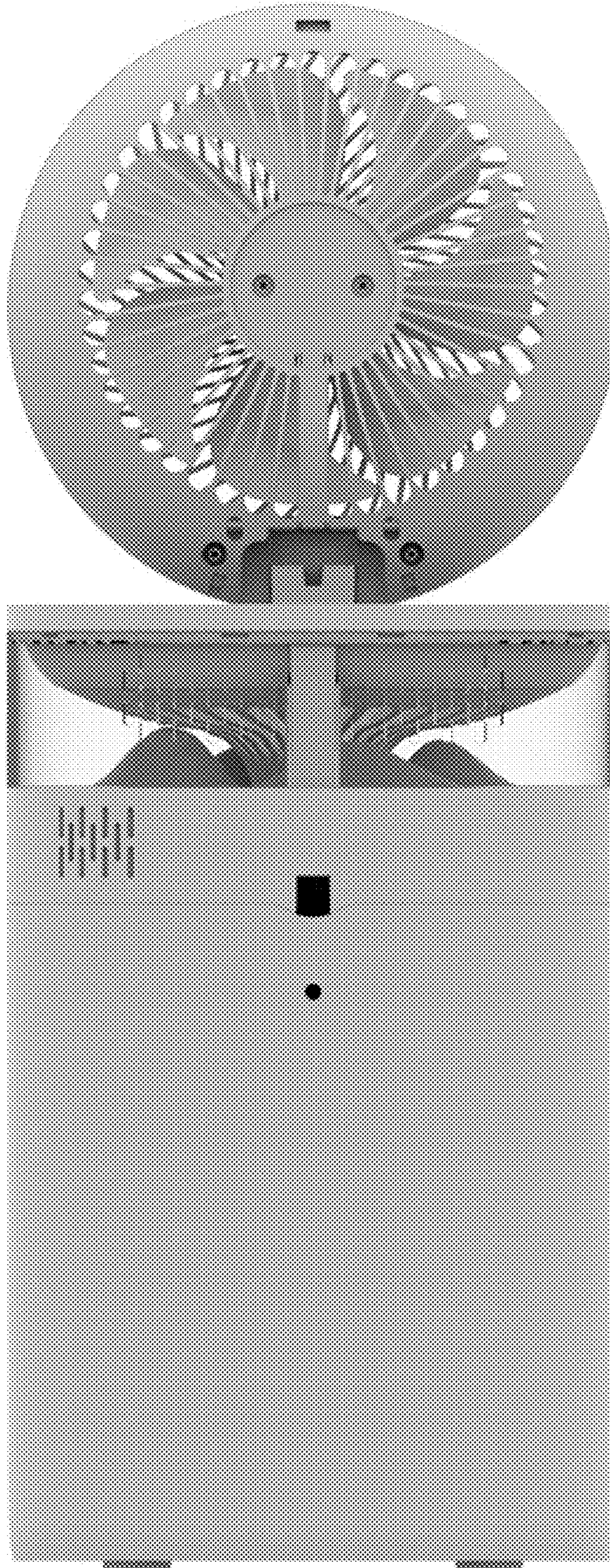
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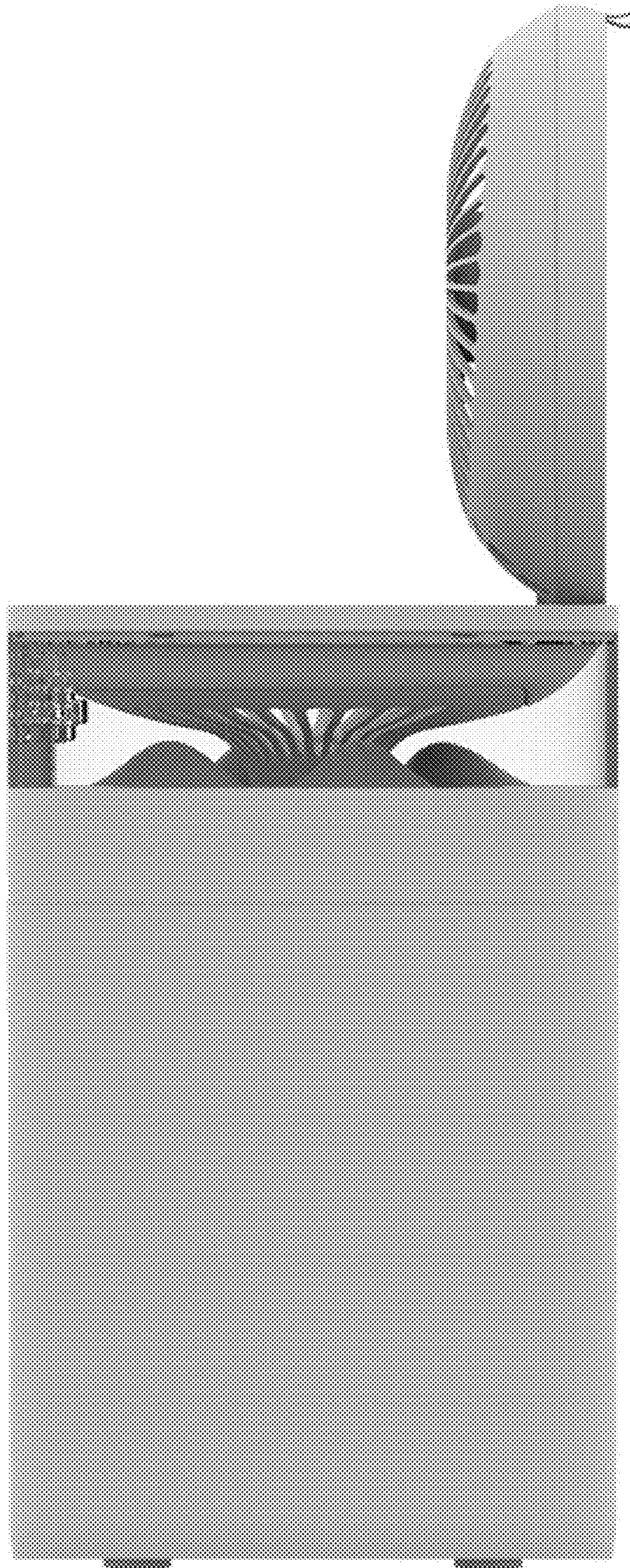
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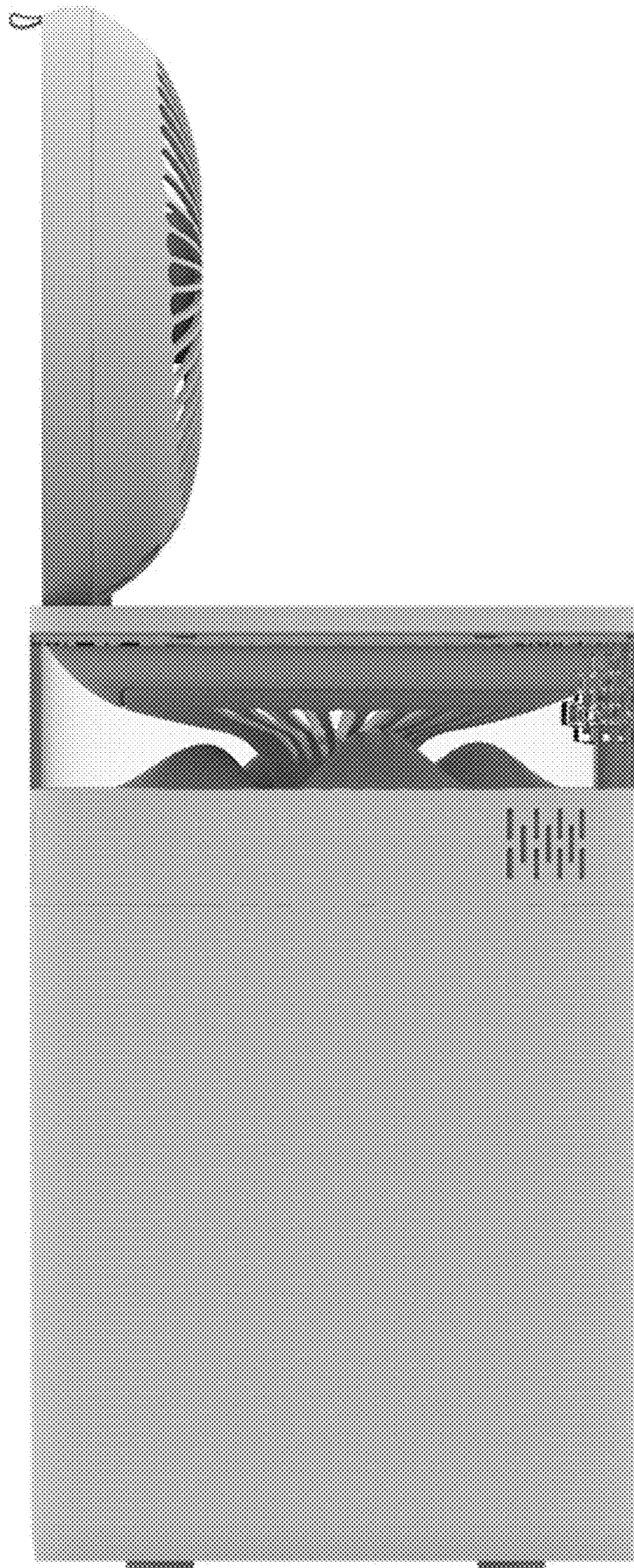
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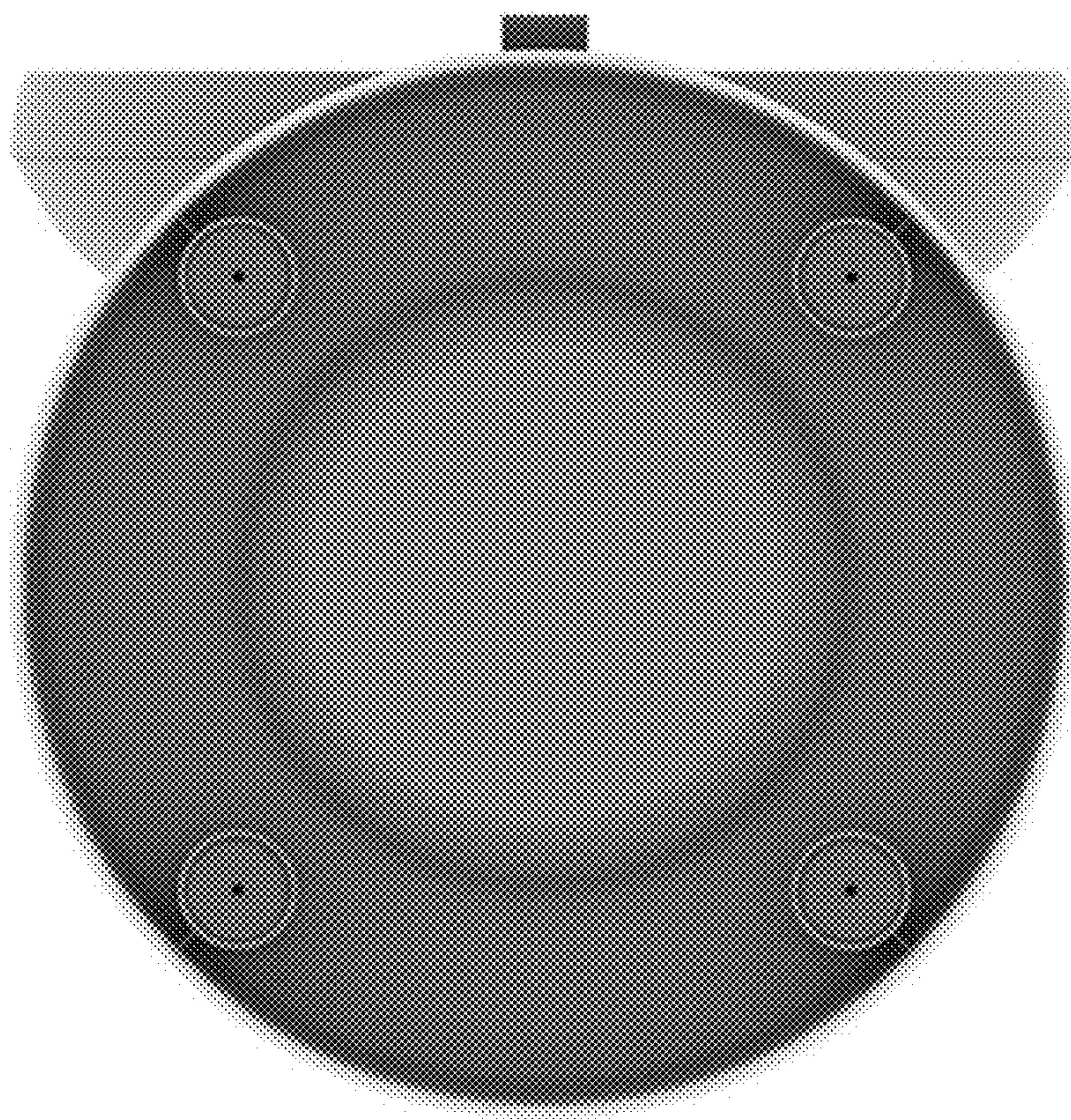
3.11



3.12



3.13



3.14

