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Chiang et al.

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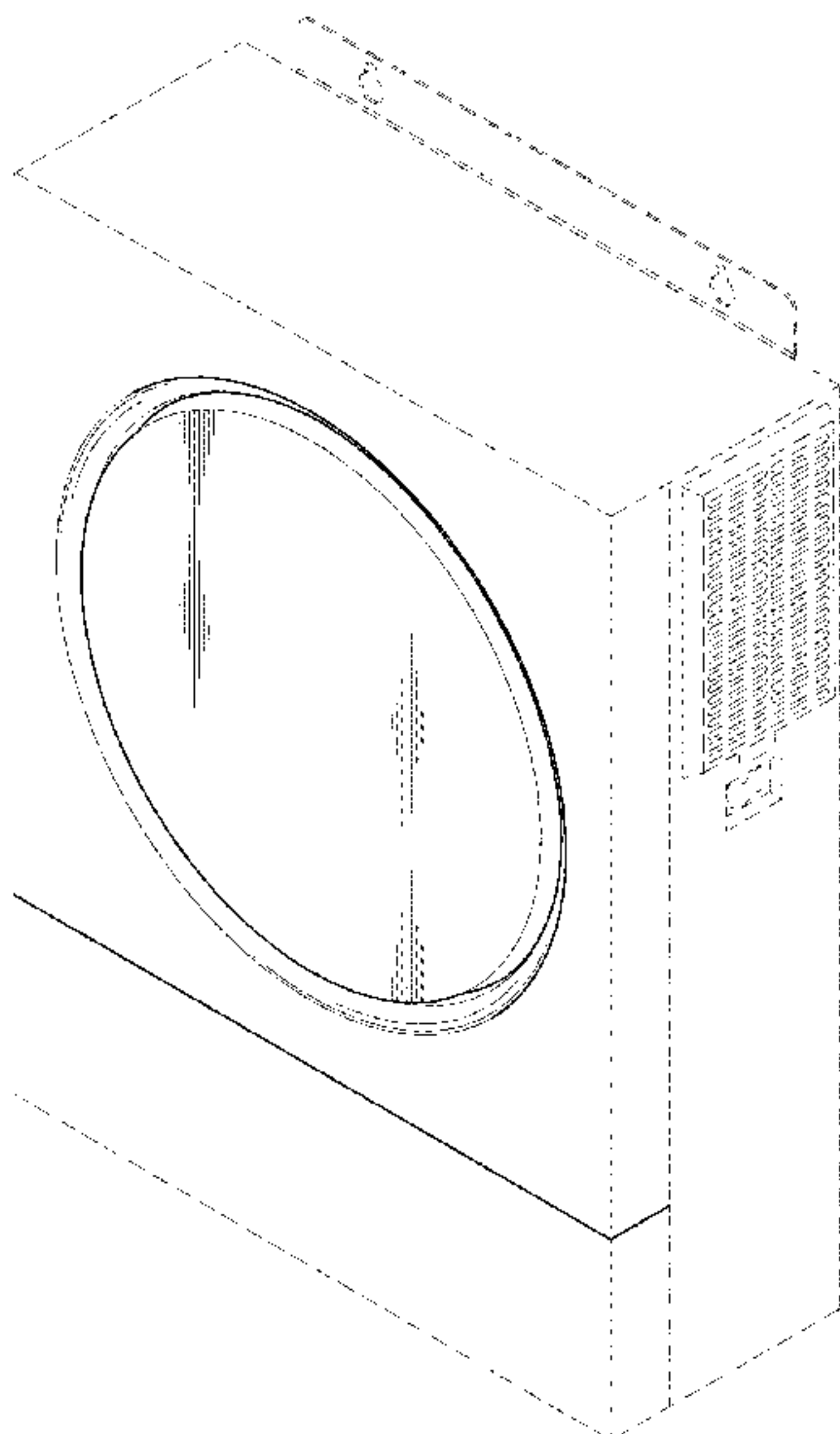
(45)

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(54)	INVERTER	D995,816 S * 8/2023 Wu D25/34
		D998,000 S * 9/2023 Montini D23/351
(71)	Applicant: VOLTRONIC POWER TECHNOLOGY CORP., Taipei (TW)	D1,003,234 S * 10/2023 Kim D13/103
		(Continued)
(72)	Inventors: You-Sheng Chiang, Taipei (TW); Yu-Cheng Lu, Taipei (TW); Juor-Ming Hsieh, Taipei (TW)	FOREIGN PATENT DOCUMENTS
		CN 302534990 S 8/2013
		CN 303815621 S 8/2016
		CN 305009773 S 1/2019
(73)	Assignee: VOLTRONIC POWER TECHNOLOGY CORP., Taipei (TW)	(Continued)
(**) Term:	15 Years	OTHER PUBLICATIONS
(21)	Appl. No.: 29/806,454	Battery Boxes. Design—© Questel) orbit.com. [Online PDF compilation of references] 60 pgs. Print Dates Range Dec. 11, 2023-Jul. 27, 2023 [Retrieved Feb. 20, 2024].*
(22)	Filed: Sep. 2, 2021	(Continued)
(30)	Foreign Application Priority Data	Primary Examiner — Garth Rademaker
	Jul. 28, 2021 (TW) 110303914	Assistant Examiner — Suzanne E Tisdell
(51)	LOC (14) Cl. 13-02	(74) Attorney, Agent, or Firm — Li & Cai Intellectual Property Office
(52)	U.S. Cl. D13/110	(57) CLAIM
(58)	Field of Classification Search	The ornamental design for an inverter, as shown and described.
	USPC D13/103, 107, 119, 152, 158, 177, 184	DESCRIPTION
	CPC H01R 13/52; H01R 13/6675; H01B 1/50; H02J 7/00; G06F 1/1632	FIG. 1 is a front, right side, top perspective view of an inverter, showing the claimed design;
	See application file for complete search history.	FIG. 2 is a front elevation view thereof;
(56)	References Cited	FIG. 3 is a rear elevation view thereof;
	U.S. PATENT DOCUMENTS	FIG. 4 is a left side elevation view thereof;
	D852,740 S 7/2019 Aitzetmueller et al.	FIG. 5 is a right side elevation view thereof;
	D977,415 S * 2/2023 Sun D13/103	FIG. 6 is a top plan view thereof;
	D980,160 S * 3/2023 Fuhr D13/103	FIG. 7 is a bottom plan view thereof; and,
	D983,736 S * 4/2023 Cheng D13/107	FIG. 8 is a rear, left side, bottom perspective view thereof.
	D983,747 S * 4/2023 Chang D13/119	The dashed broken lines in the drawing depict portions of the inverter that form no part of the claimed design.
	D986,816 S * 5/2023 Choi D13/103	
	D987,557 S * 5/2023 Choi D13/103	
	D991,158 S * 7/2023 He D13/103	
	D993,165 S * 7/2023 Atwood D13/103	

1 Claim, 7 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

D1,012,854 S * 1/2024 Lee D13/119
D1,013,623 S * 2/2024 He D13/104

FOREIGN PATENT DOCUMENTS

CN 306039758 S 9/2020
JP D1126766 S 11/2001

OTHER PUBLICATIONS

Voltronic Power Off-Grid Inverter Axpert VM 4 Twin 4KVA_6KVA. 2022. Voltronic Power. <https://voltronicpower.com/en-US/Product/Detail/-Axpert-VM-4-TWIN-4KVA-6KVA>.*

Voltronic Power Off-Grid Inverter Axpert Max II 11KVA. 2022. Voltronic Power. <https://voltronicpower.com/en-US/Product/Detail/Axpert-MAX-II-11KVA>.*

Facebook Solar Tech. Jan. 30, 2022. Facebook. <https://www.facebook.com/105257935406131/photos/a.105422258723032/105777138687544/?type=3>.*

* cited by examiner

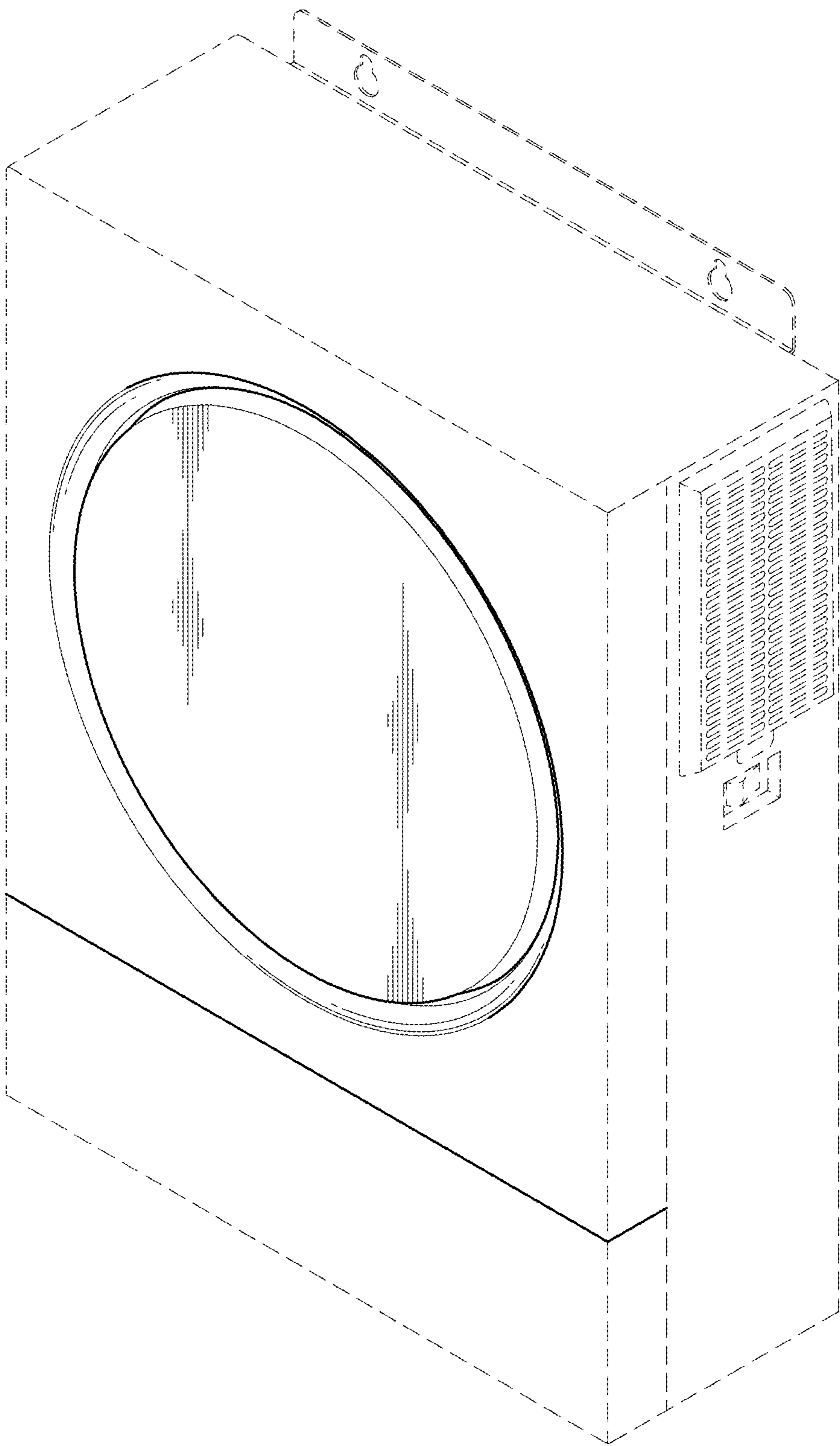


FIG. 1

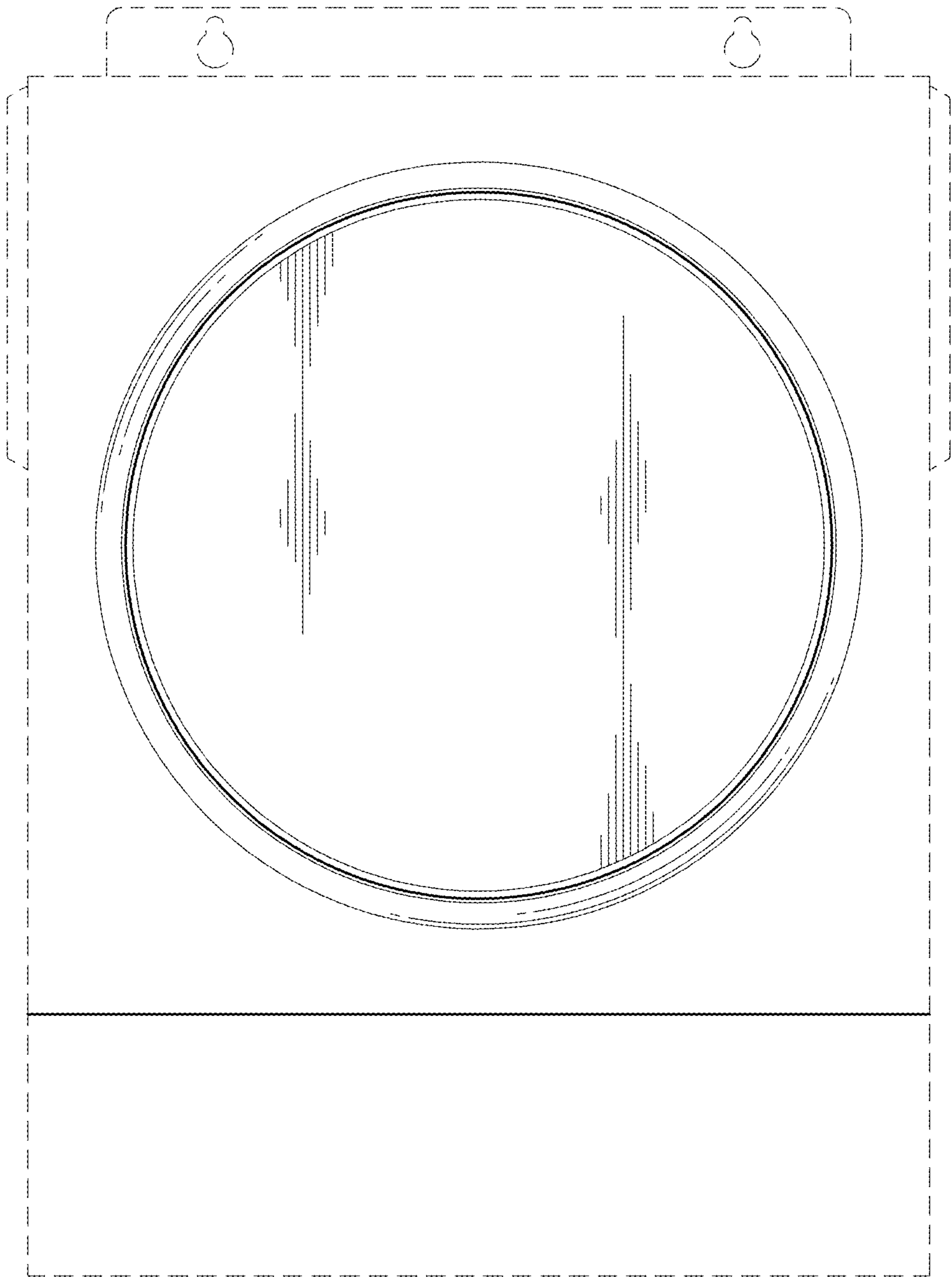


FIG. 2



FIG. 3

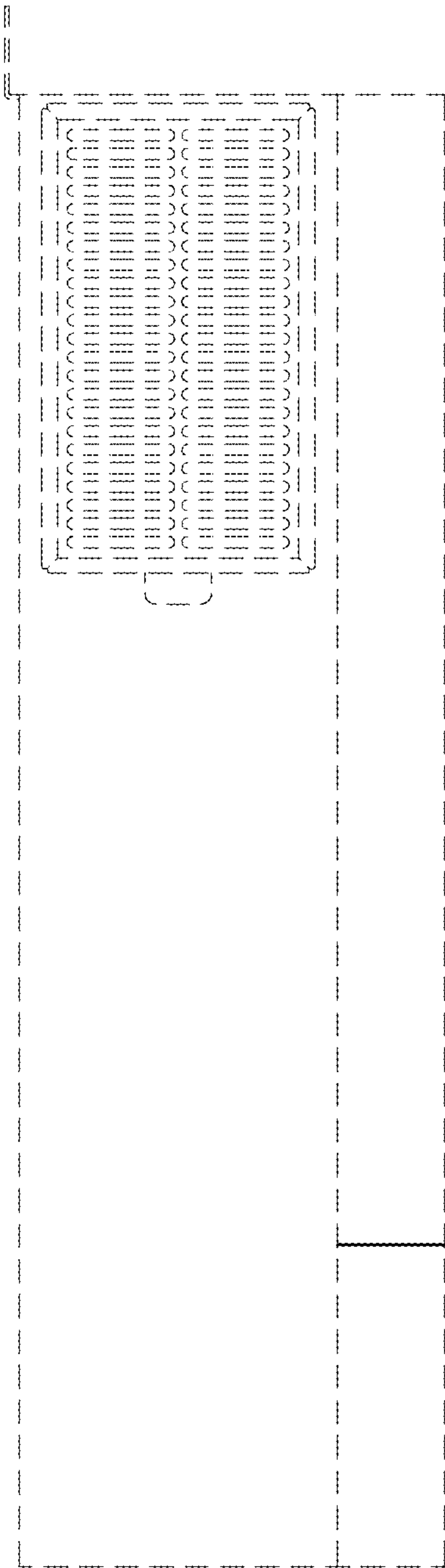


FIG. 4

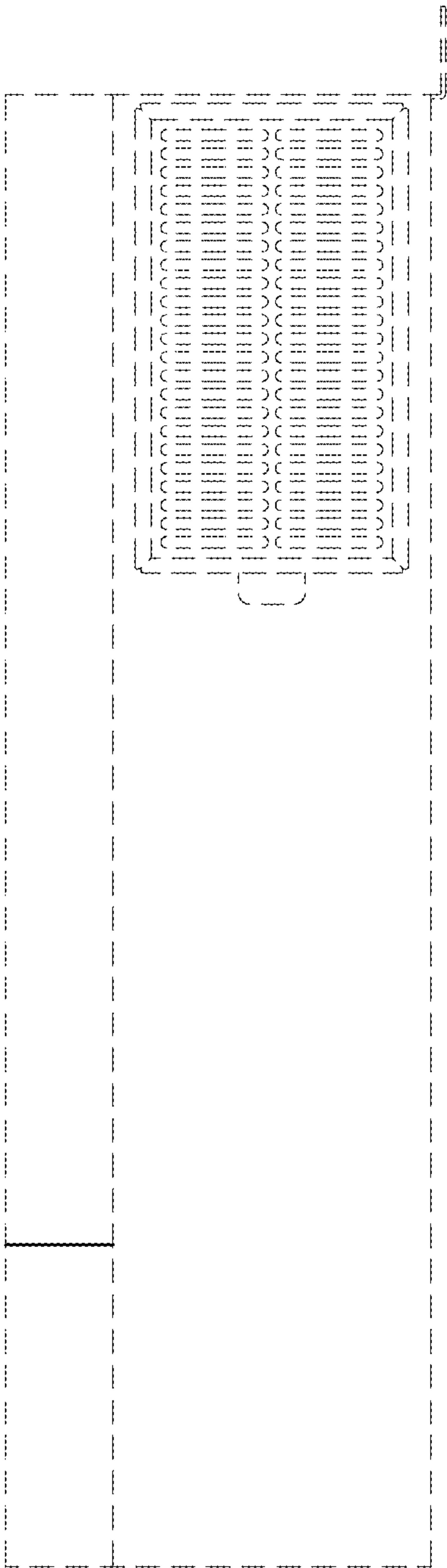


FIG. 5



FIG. 6



FIG. 7

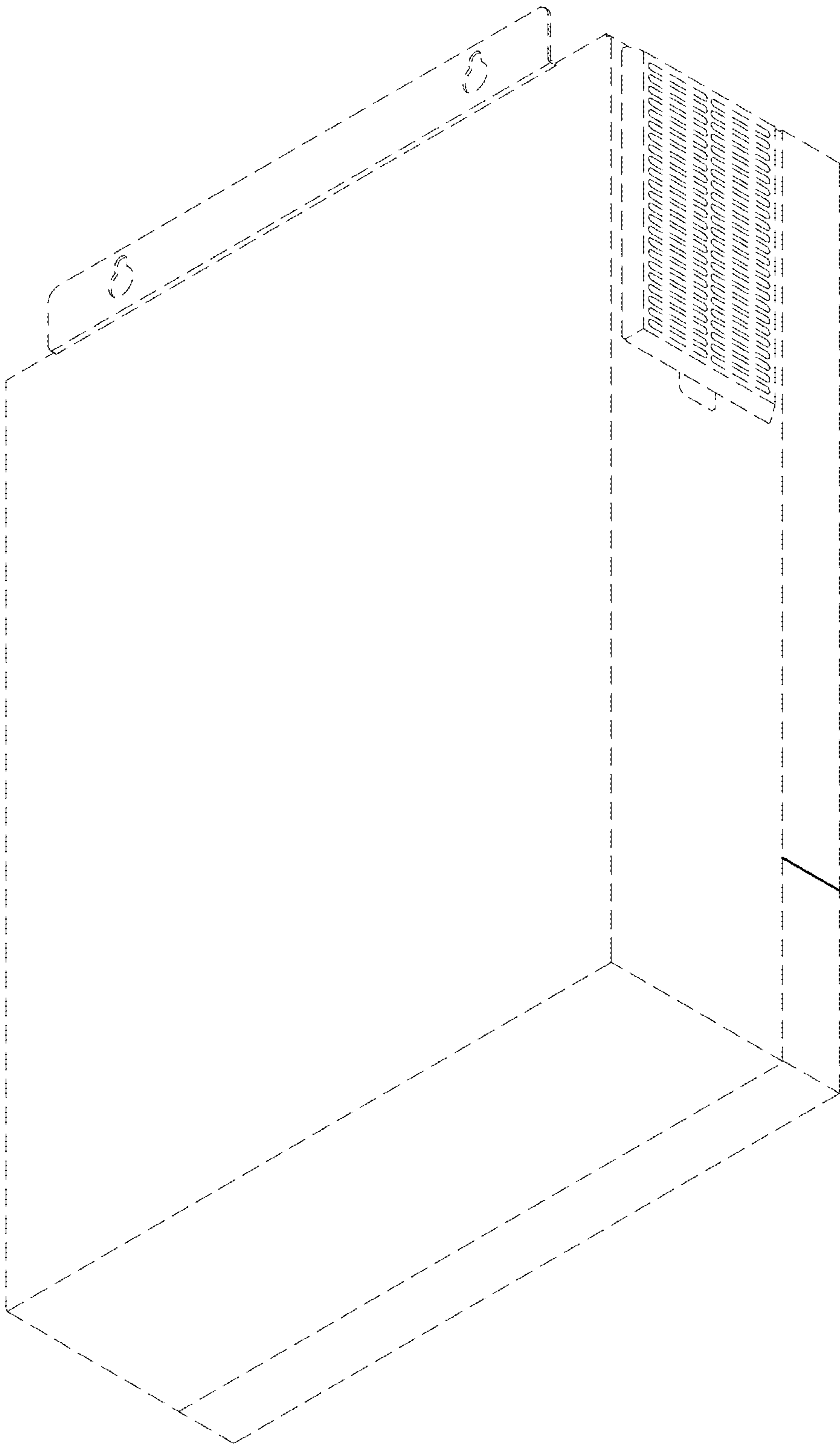


FIG. 8