



US00D983951S

(12)

United States Design Patent

Chen et al.

(10)

Patent No.:

US D983,951 S

(45)

Date of Patent:

** Apr. 18, 2023

(54) HUMIDIFIER

(71) Applicant: GREE ELECTRIC APPLIANCES, INC. OF ZHUHAI, Zhuhai (CN)

(72) Inventors: Jierou Chen, Guangdong (CN); Sha Li, Guangdong (CN); Nanfei Chen, Guangdong (CN); Jianfeng Lin, Guangdong (CN); Kang Wang, Guangdong (CN); Min Zhang, Guangdong (CN)

(**) Term: 15 Years

(21) Appl. No.: 35/514,037

(22) Filed: Mar. 25, 2022

(80) Hague Agreement Data

Int. Filing Date: Mar. 25, 2022

Int. Reg. No.: DM/219917

Int. Reg. Date: Mar. 25, 2022

Int. Reg. Pub. Date: Apr. 15, 2022

(30) Foreign Application Priority Data

Oct. 22, 2021 (CN) 202130694140.4

(51) LOC (14) Cl. 23-04

(52) U.S. Cl.
USPC D23/356

(58) Field of Classification Search

USPC D23/355–366, 352, 369, 332, 333, 335,
D23/336, 342, 351

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

See application file for complete search history.

(56)

References Cited

U.S. PATENT DOCUMENTS

D381,410	S	*	7/1997	Muller	.....	D23/366
D395,491	S	*	6/1998	Jane'	.....	D23/358
D439,645	S	*	3/2001	Zemp	.....	D23/328
D729,919	S	*	5/2015	Yeom	.....	D23/359
D734,843	S	*	7/2015	Yeom	.....	D23/359
D785,773	S	*	5/2017	Shin	.....	D23/359
D861,145	S	*	9/2019	Fang	.....	D23/333
D870,873	S	*	12/2019	Chen	.....	D23/356
D903,844	S	*	12/2020	Chen	.....	D23/356
D909,557	S	*	2/2021	Jeon	.....	D23/364
D912,236	S	*	3/2021	Hernandez	.....	D23/364
D936,197	S	*	11/2021	Wang	.....	D23/359
D936,200	S	*	11/2021	Yang	.....	D23/364
D953,504	S	*	5/2022	Zhou	.....	D23/359
D961,749	S	*	8/2022	Wang	.....	D23/359

* cited by examiner

Primary Examiner — David G Muller

(57)

CLAIM

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

DESCRIPTION

The patent or application file contains at least one drawing executed in color. Copies of this patent or patent application publication with color drawing(s) will be provided by the Office upon request and payment of the necessary fee.

2. Humidifier

2.1 front

2.2 rear

2.3 side

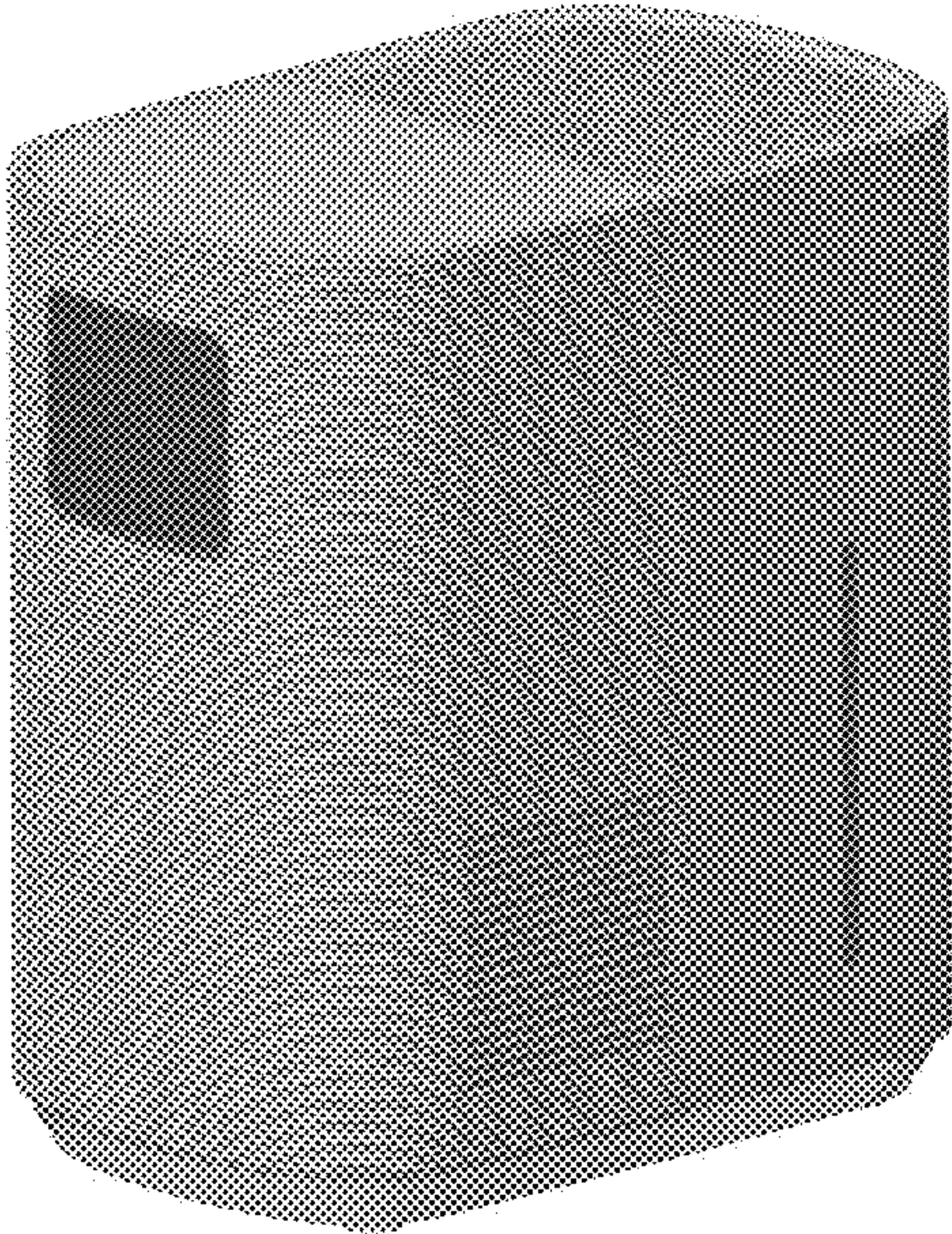
2.4 side

2.5 top

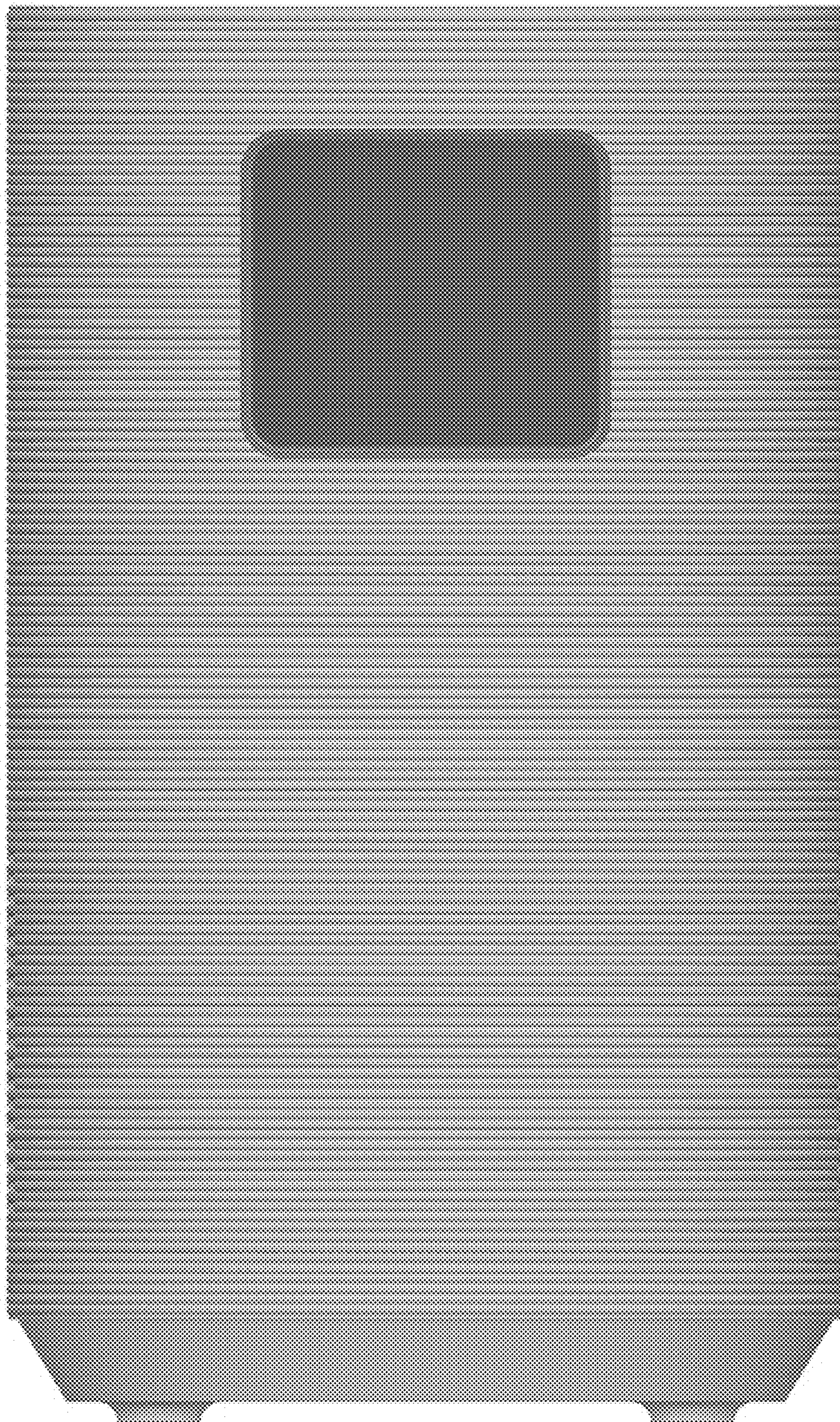
2.6 bottom

2.7 perspective

1 Claim, 7 Drawing Sheets
(7 of 7 Drawing Sheet(s) Filed in Color)



2.1



2.2



2.3



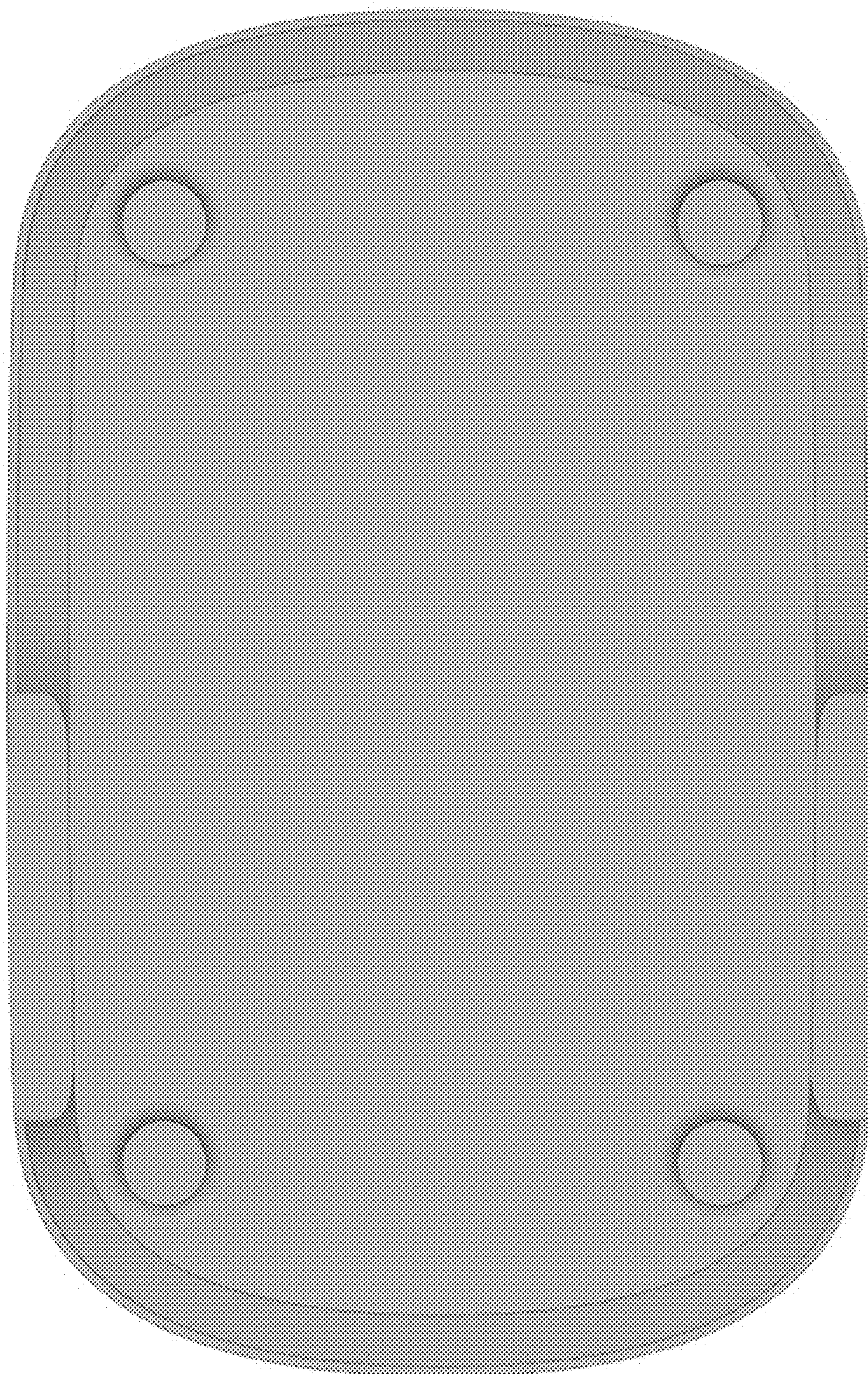
2.4



2.5



2.6



2.7

