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(12) **United States Design Patent** (10) **Patent No.:** **US D873,269 S**  
**Hu et al.** (45) **Date of Patent:** **\*\* Jan. 21, 2020**

(54) **COMMUNICATIONS GATEWAY**

CPC ..... G06F 1/1632; H04N 21/42676; H04N 21/6118; H04N 21/6168  
See application file for complete search history.

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(56) **References Cited**

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U.S. PATENT DOCUMENTS

D296,689 S \* 7/1988 Shintomi ..... D14/141.1  
D320,212 S \* 9/1991 Someya ..... D13/184  
D355,658 S \* 2/1995 Brandt ..... D14/242  
D359,732 S \* 6/1995 Nim-PunLam ..... D14/137  
D364,399 S \* 11/1995 Long ..... D14/433  
D460,442 S \* 7/2002 Fetherolf ..... D14/240  
D502,465 S \* 3/2005 Laity ..... D14/242  
D521,994 S \* 5/2006 Sanefuji ..... D14/356  
D533,157 S \* 12/2006 Park ..... D14/126

(Continued)

(73) Assignee: **Gree Electric Appliances, Inc. of Zhuhai**, Guangdong (CN)

FOREIGN PATENT DOCUMENTS

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

WO D103050-001 \* 10/2018  
WO D103050-002 \* 10/2018

(21) Appl. No.: **35/505,848**

OTHER PUBLICATIONS

(22) Filed: **May 11, 2018**

Smart Gateway (available online) Retrieved from the internet Sep. 9, 2019 from URL: <https://www.red-dot.org/project/smart-gateway-39001/>.\*

(80) **Hague Agreement Data**

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(57) **CLAIM**

The ornamental design for a communications gateway, as shown and described.

(30) **Foreign Application Priority Data**

**DESCRIPTION**

Nov. 15, 2017 (CN) ..... 2017 3 0563323  
Dec. 5, 2017 (CN) ..... 2017 3 0613772

(51) **LOC (12) Cl.** ..... **14-02**

(52) **U.S. Cl.**

USPC ..... **D14/358**

(58) **Field of Classification Search**

USPC ..... D10/30, 31, 38, 39; D14/242, 265, 336, D14/341-345, 358-363, 388; D24/164, D24/167, 186, 187

**1.1** is a front perspective view of a communications gateway, showing our new design;  
**1.2** is a front elevation view thereof;  
**1.3** is a rear elevation view thereof;  
**1.4** is a left side elevation view thereof;  
**1.5** is a right side elevation view thereof;  
**1.6** is a top view thereof; and  
**1.7** is a bottom view thereof.

**1 Claim, 7 Drawing Sheets**



(56)

**References Cited**

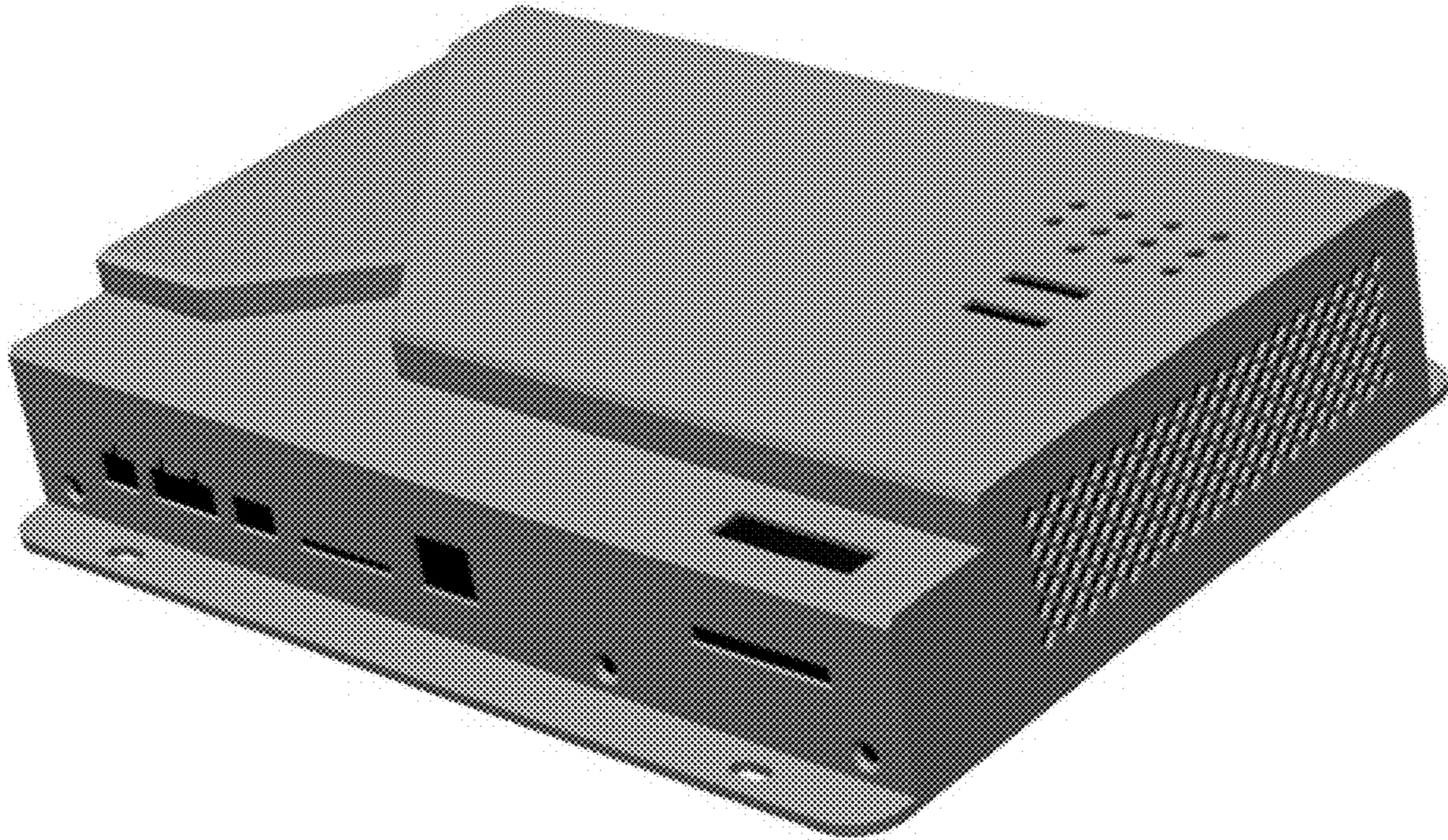
## U.S. PATENT DOCUMENTS

D533,851	S	*	12/2006	Yoon	.....	D14/126
D573,987	S	*	7/2008	Dearborn	.....	D14/363
D580,422	S	*	11/2008	Lee	.....	D14/240
D620,456	S	*	7/2010	Akana	.....	D13/168
D633,478	S	*	3/2011	Bolton	.....	D14/218
D645,848	S	*	9/2011	Arnholt	.....	D14/218
D661,690	S	*	6/2012	Weitgasser	.....	D14/218
D661,697	S	*	6/2012	Saunders	.....	D14/240
D687,815	S	*	8/2013	Hwangho	.....	D14/218
D689,484	S	*	9/2013	Kuo	.....	D14/358
D703,186	S	*	4/2014	Zaslavsky	.....	D14/218
D704,167	S	*	5/2014	Akana	.....	D14/218
D714,762	S	*	10/2014	O'Neil	.....	D14/218
D723,478	S	*	3/2015	Turksu	.....	D13/168
D730,875	S	*	6/2015	McManigal	.....	D14/218
D742,857	S	*	11/2015	Andresen	.....	D14/218
D743,944	S	*	11/2015	Karrman	.....	D14/218
D752,025	S	*	3/2016	Akana	.....	D14/218
D752,555	S	*	3/2016	Langhammer	.....	D14/218
D756,969	S	*	5/2016	Kim	.....	D14/218
D763,830	S	*	8/2016	Jones	.....	D14/218
D765,622	S	*	9/2016	Chong	.....	D14/218
D784,329	S	*	4/2017	Zhou	.....	D14/240
D797,686	S	*	9/2017	McRoberts	.....	D13/168
D801,311	S	*	10/2017	Akana	.....	D14/218
D805,483	S	*	12/2017	McRoberts	.....	D13/168
D816,638	S	*	5/2018	Kim	.....	D14/218
D817,930	S	*	5/2018	Kim	.....	D14/218
D821,334	S	*	6/2018	McRoberts et al.	.....	D13/168
D828,336	S	*	9/2018	Matvienko	.....	D14/218
D844,006	S	*	3/2019	Molnar	.....	D14/434

\* cited by examiner

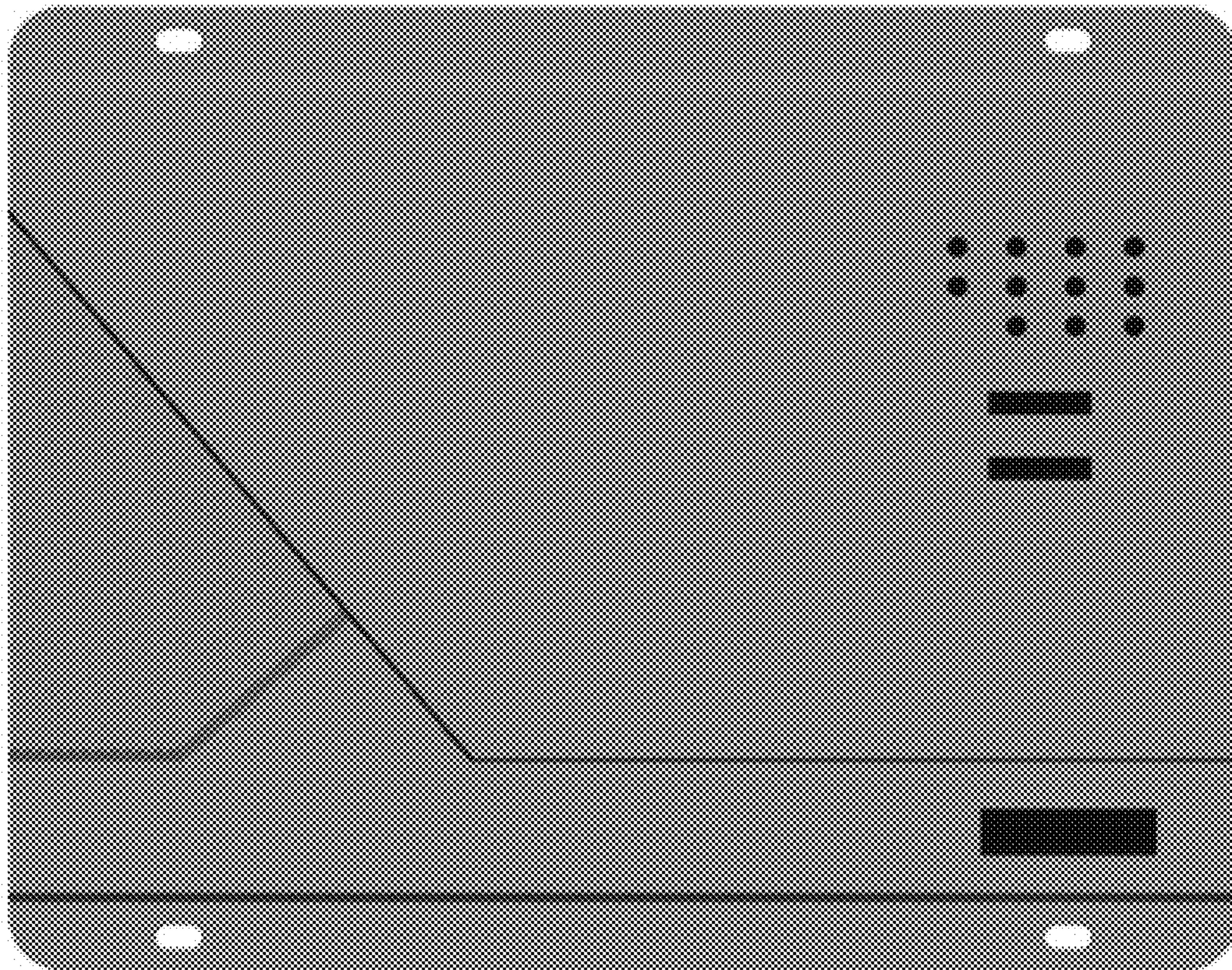


1.1

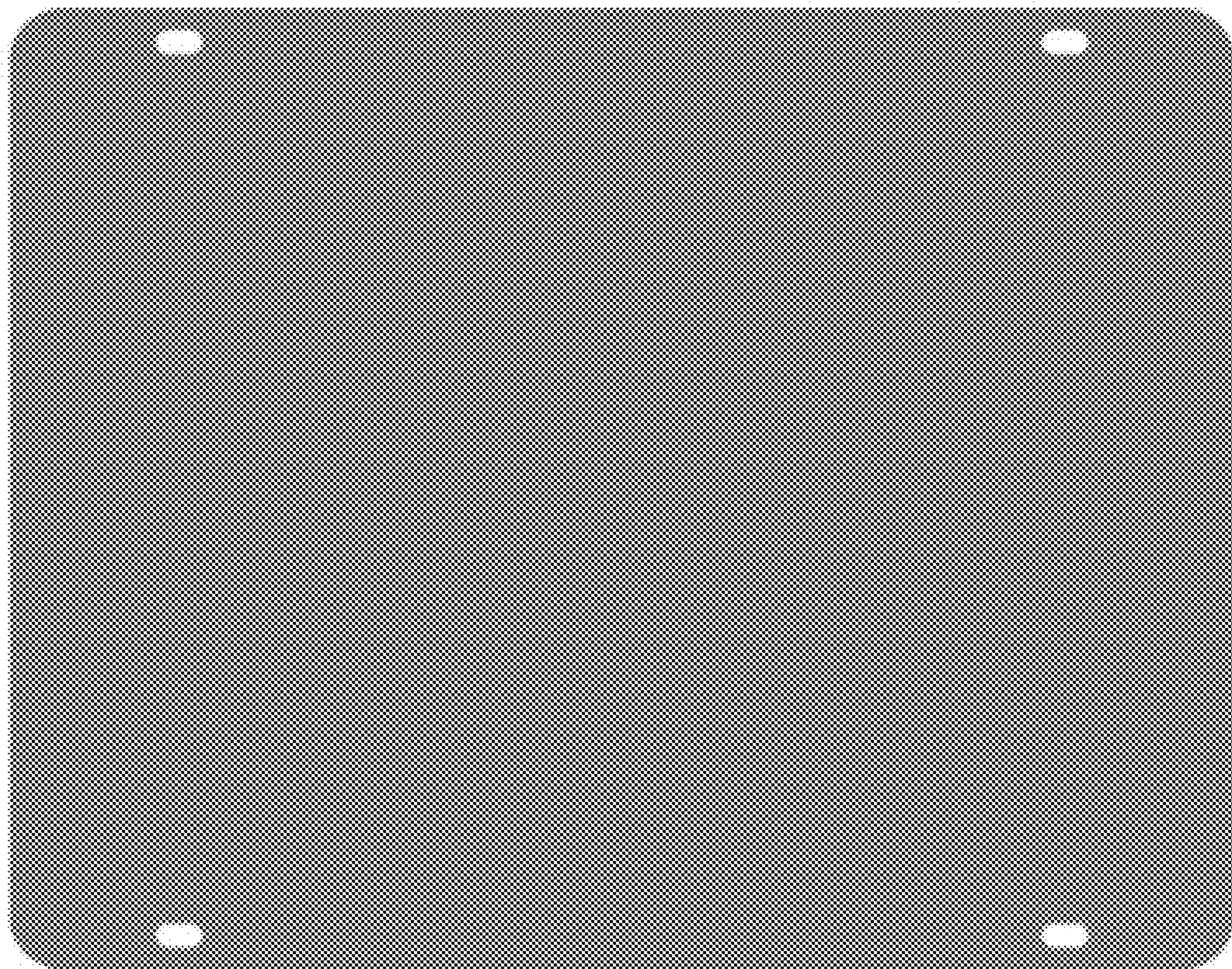




1.2

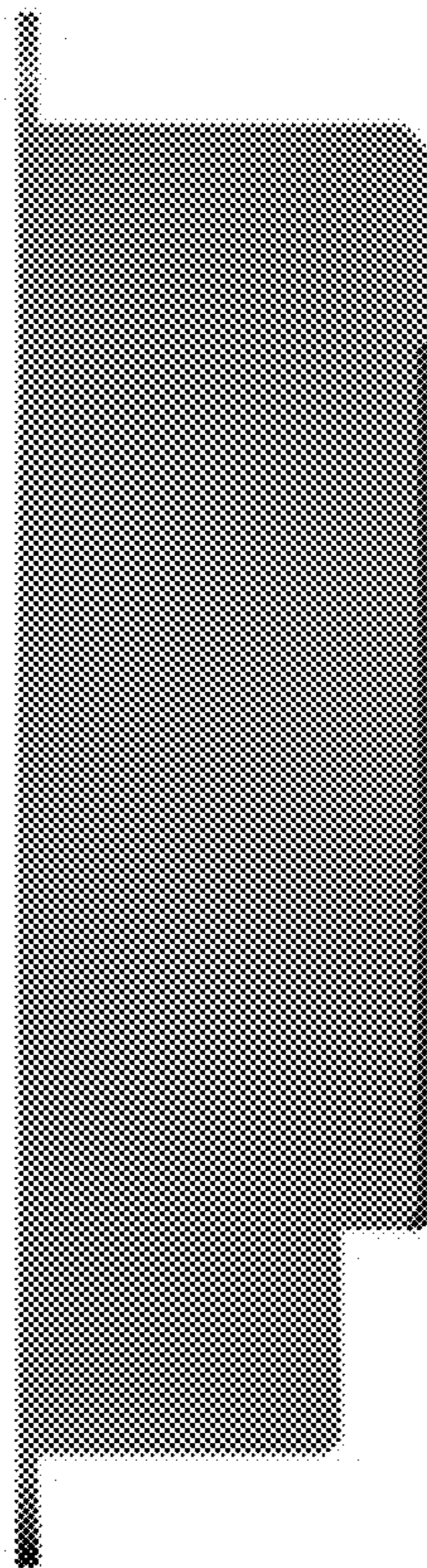


**1.3**

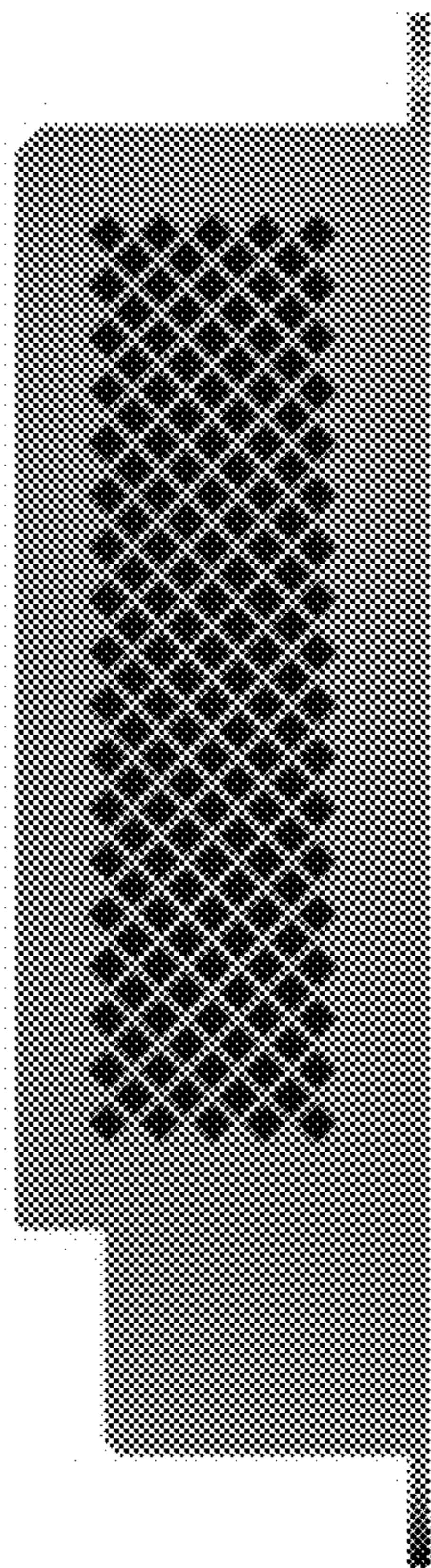




1.4



1.5



1.6





1.7

