



US00D978116S

(12) **United States Design Patent** (10) **Patent No.:** **US D978,116 S**
Uchida et al. (45) **Date of Patent:** **** Feb. 14, 2023**

(54) **MICROPHONE**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **Audio-Technica Corporation**, Tokyo (JP)

KR D214058-001 * 10/2021
WO D214644-001 * 12/2020

(72) Inventors: **Junya Uchida**, Tokyo (JP); **Eri Nakano**, Tokyo (JP); **Yoshiya Watanabe**, Chiba (JP); **Jumpei Okamoto**, Tokyo (JP)

OTHER PUBLICATIONS

Lenso 348C, first available Jun. 1, 2021 [online], [retrieved Feb. 11, 2022]. Available from the Internet, URL:<https://www.amazon.com/dp/B0969LSDGY/ref=cm_sw_em_r_mt_dp_R3RK4EZP15DW5EPEYYHT?_encoding=UTF8&psc=1>. (Year: 2021).*

(73) Assignee: **Audio-Technica Corporation**, Tokyo (JP)

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

(Continued)

(21) Appl. No.: **29/742,393**

Primary Examiner — Dana K Weiland
Assistant Examiner — Russell Carnell Smith, Jr.

(22) Filed: **Dec. 10, 2020**

(74) *Attorney, Agent, or Firm* — WCF IP

(30) **Foreign Application Priority Data**

Jun. 30, 2020 (JP) 2020-013296
Jun. 30, 2020 (JP) 2020-013297

(51) **LOC (14) Cl.** **14-01**

(52) **U.S. Cl.**
USPC **D14/225**

(58) **Field of Classification Search**
USPC D14/150, 154, 155, 158, 160, 172, 221,
D14/224, 225, 226, 227, 228, 229, 159,
D14/211, 209, 149, 255; D17/99;
D21/405, 513
CPC H04R 19/00; H04R 19/04; H04R 1/04;
H04R 1/08; H04R 1/326; H04R 1/406;
H04R 29/004; H04R 2410/00; H04R
2410/01; H04R 2410/03; H04R 2410/05;
H04R 2410/07; H04R 2420/07; H04R

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D256,002 S * 7/1980 Price D14/221
D282,657 S * 2/1986 Caren D14/212
D354,483 S * 1/1995 Yamazaki D14/374

(Continued)

(57) **CLAIM**

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

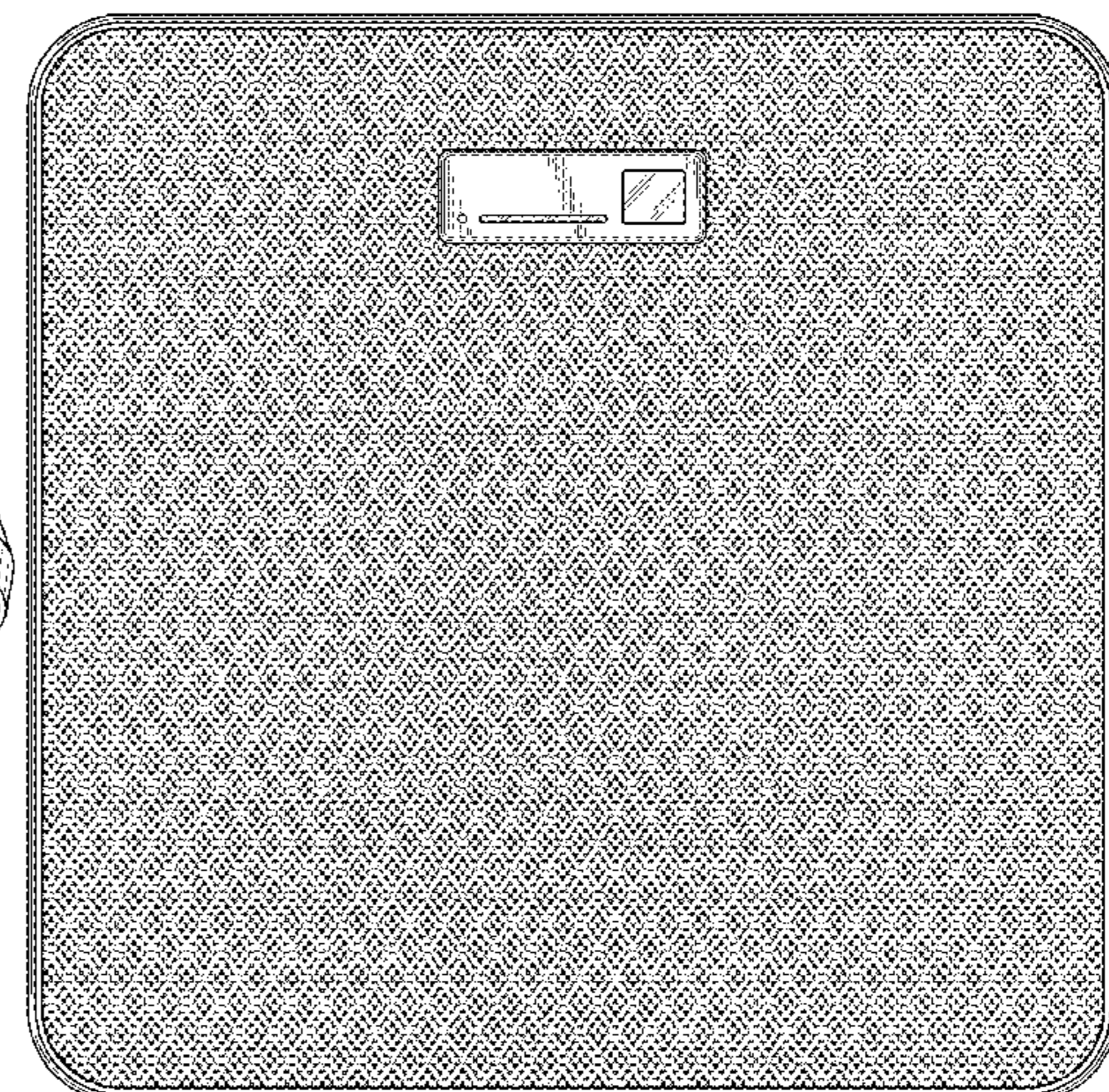
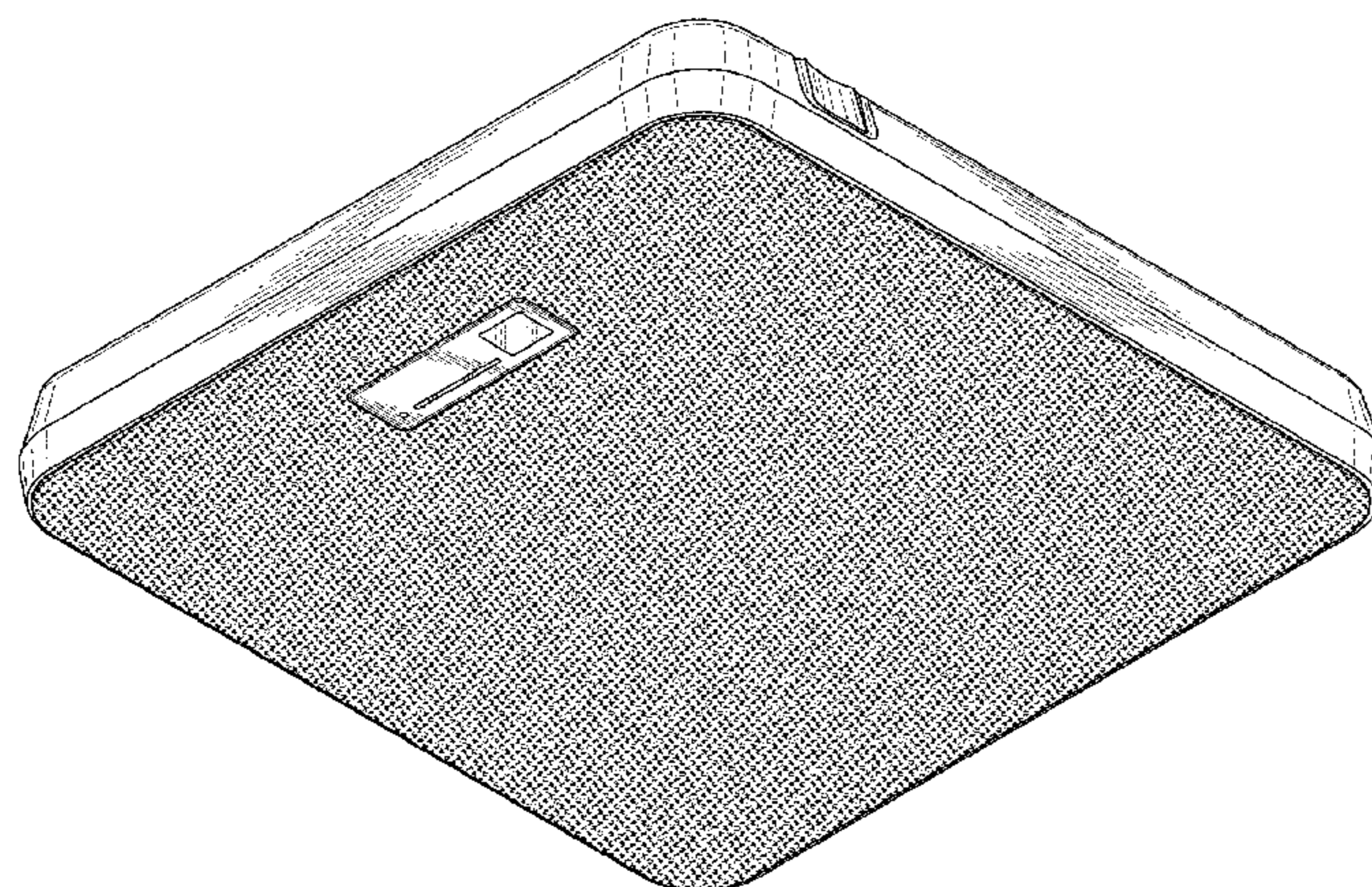
DESCRIPTION

FIG. 1 is a perspective view of a microphone; FIG. 2 is a front elevational view thereof; FIG. 3 is a rear elevational view thereof; FIG. 4 is a top plan view thereof; FIG. 5 is a bottom plan view thereof; FIG. 6 is a right side elevational view thereof; FIG. 7 is a left side elevational view thereof; and, FIG. 8 is a reference view showing the state of use of the microphone.

Portions of the drawings shown in broken lines form no part of the claimed design.

The dot-dash lines define a boundary of the claimed design and form no part of the claimed design. The dot-dot-dash line shows an adapter attached to the microphone for the purpose of illustrating environmental structure and forms no part of the claimed design.

1 Claim, 8 Drawing Sheets



- (58) **Field of Classification Search**
 CPC 17/02; H04M 11/04; G08B 25/006; G08B
 13/19645; G08B 13/1672
 See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D404,391	S	*	1/1999	Herbstritt	.....	D13/162
D560,619	S	*	1/2008	Hewson	.....	D13/164
D562,264	S	*	2/2008	Jeong	.....	D13/164
D574,333	S	*	8/2008	Hewson	.....	D13/164
D629,794	S	*	12/2010	Aarrestad	.....	D14/225
D685,346	S	*	7/2013	Szymanski	.....	D14/214
D686,182	S	*	7/2013	Ashiwa	.....	D14/149
D690,275	S	*	9/2013	Seidl	.....	D13/168
D710,336	S	*	8/2014	Aarrestad	.....	D14/227
D718,762	S	*	12/2014	Aarrestad	.....	D14/149
D721,677	S	*	1/2015	Kim	.....	D14/221
D780,703	S	*	3/2017	Bergum	.....	D13/184
D784,299	S	*	4/2017	Cho	.....	D14/209
D786,215	S	*	5/2017	Bousquet	.....	D14/159
D786,244	S	*	5/2017	Mohideen		
D788,073	S	*	5/2017	Silvera	.....	D14/204
D796,978	S	*	9/2017	Kawashima	.....	D13/154
D803,168	S	*	11/2017	Bergum	.....	D13/184
D804,448	S	*	12/2017	Washio	.....	D14/210
D834,012	S	*	11/2018	Bolmstrand	.....	D14/336
D856,973	S	*	8/2019	Jiang	.....	D14/209
D865,723	S	*	11/2019	Cho	.....	H04R 1/02 D14/209
D888,020	S	*	6/2020	Lyu	.....	D14/204

D900,070	S	*	10/2020	Lantz	.....	D14/209
D900,071	S	*	10/2020	Lantz	.....	D14/209
D900,072	S	*	10/2020	Lantz	.....	D14/209
D900,073	S	*	10/2020	Lantz	.....	D14/209
D900,074	S	*	10/2020	Lantz	.....	D14/209
D900,790	S	*	11/2020	Dawson	.....	D14/224
D907,602	S	*	1/2021	Iwahori	.....	D14/230
D934,192	S	*	10/2021	Huang	.....	D14/214
D942,408	S	*	2/2022	Dharmadas	.....	D14/188
D943,558	S	*	2/2022	Lantz	.....	D14/209
D943,559	S	*	2/2022	Lantz	.....	D14/209
2016/0323668	A1	*	11/2016	Abraham	.....	H04R 31/00
2021/0044881	A1	*	2/2021	Lantz	.....	E04B 9/0428

OTHER PUBLICATIONS

Wireless Lavalier, first available Dec. 10, 2021 [online], [retrieved Feb. 11, 2022]. Available from the Internet, URL:<https://www.amazon.com/dp/B09NR6L87J/ref=cm_sw_em_r_mt_dp_Z6JJCJ40YTFHQF9KW9ZKE?_encoding=UTF8&psc=1>. (Year: 2021).*

Sennheiser, first available Apr. 2, 2019 [online], [retrieved May 24, 2022]. Available from the Internet, URL:<https://www.amazon.com/dp/B07QF5KJ1K/ref=cm_sw_em_r_mt_dp_4NQ24D38A2W8YQZSFNHX>. (Year: 2019).*

How to Surface Mount the ATND1061 Beamforming Ceiling Array Microphone, first available Jan. 27, 2022, [online], [site visited May 25, 2022]. Retrieved from url:<<https://www.youtube.com/watch?v=mMWQKKnf15Y&t=3s>> (Year: 2022).*

* cited by examiner

FIG. 1

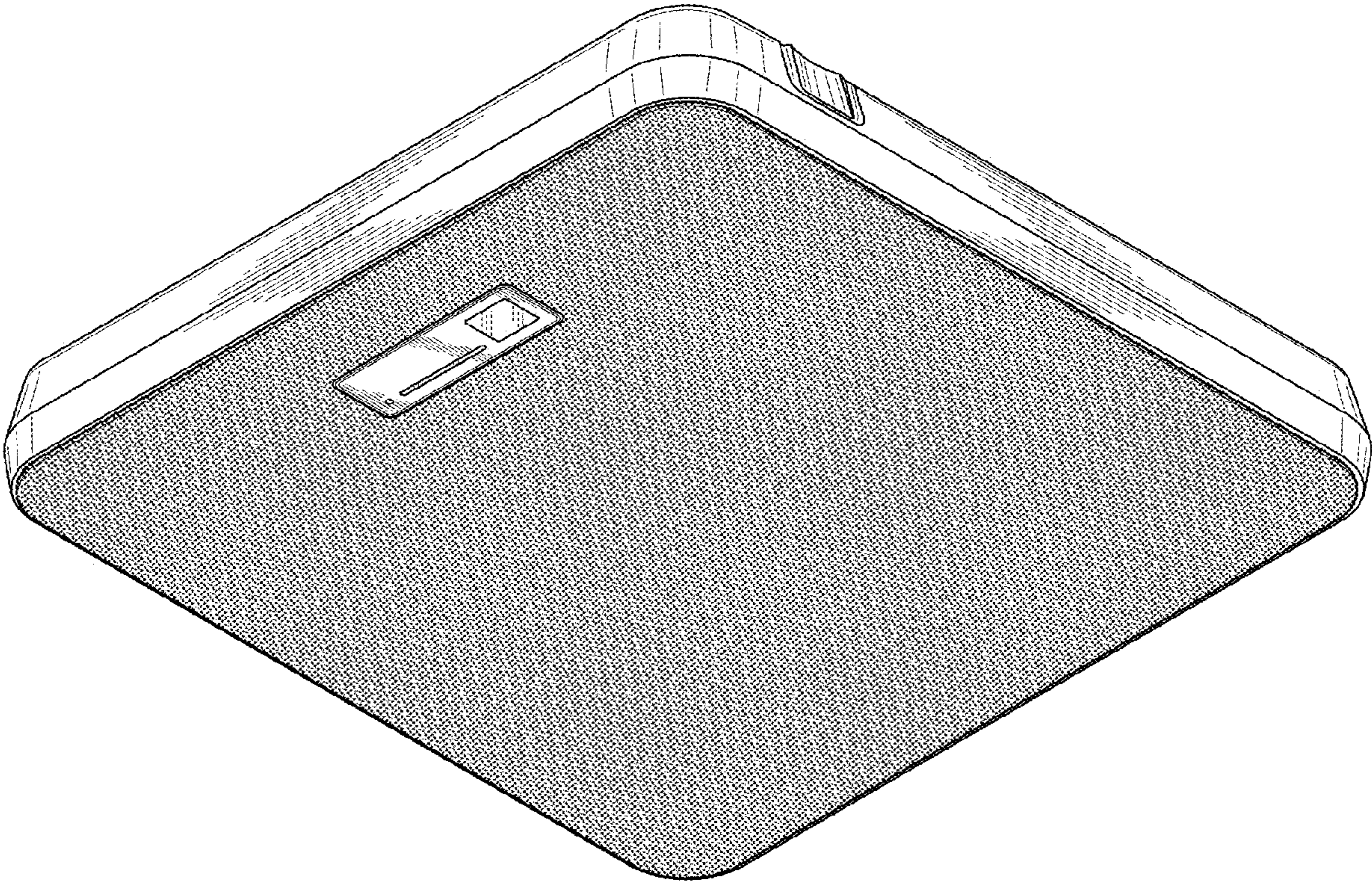


FIG. 2

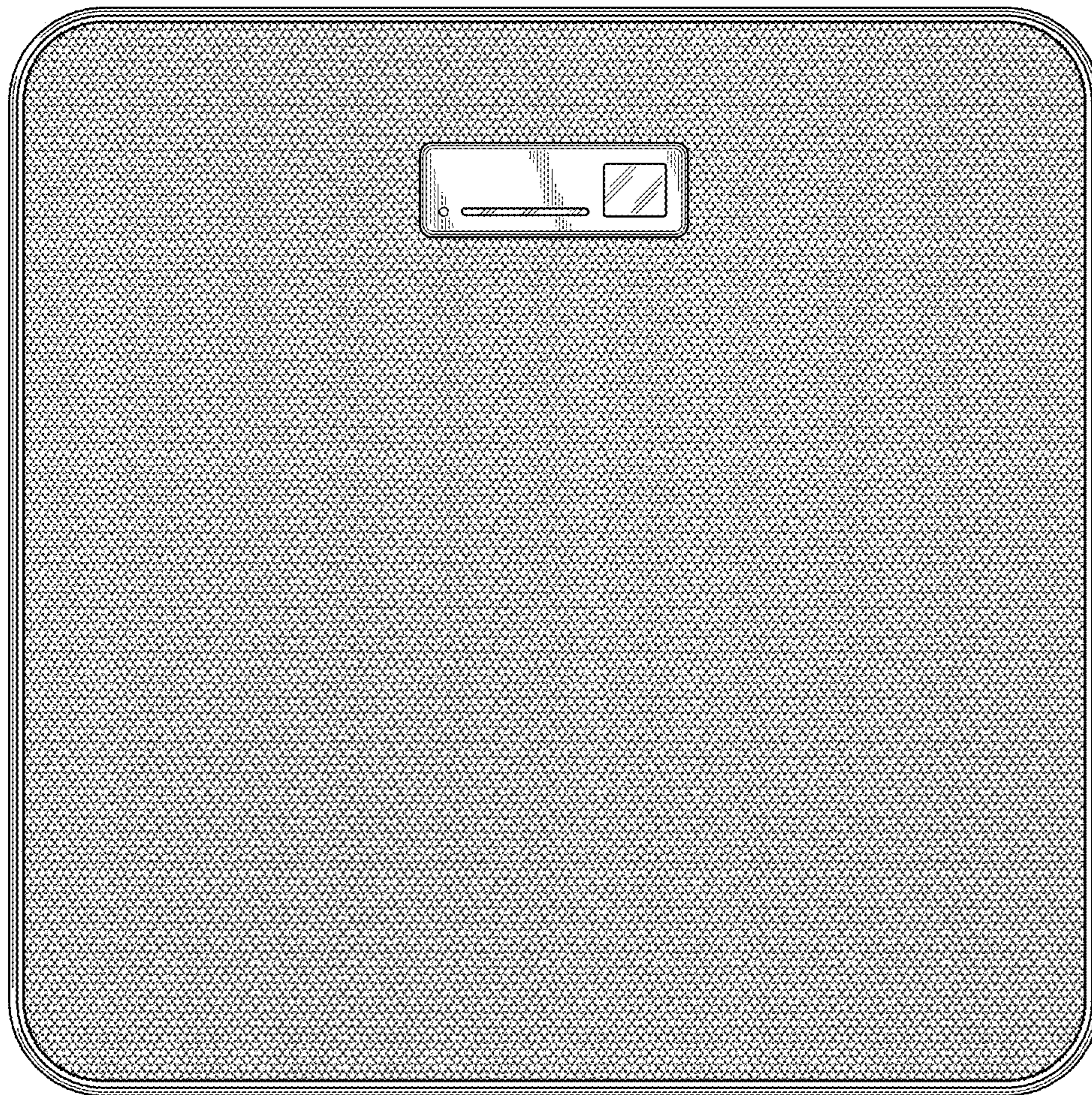


FIG. 3

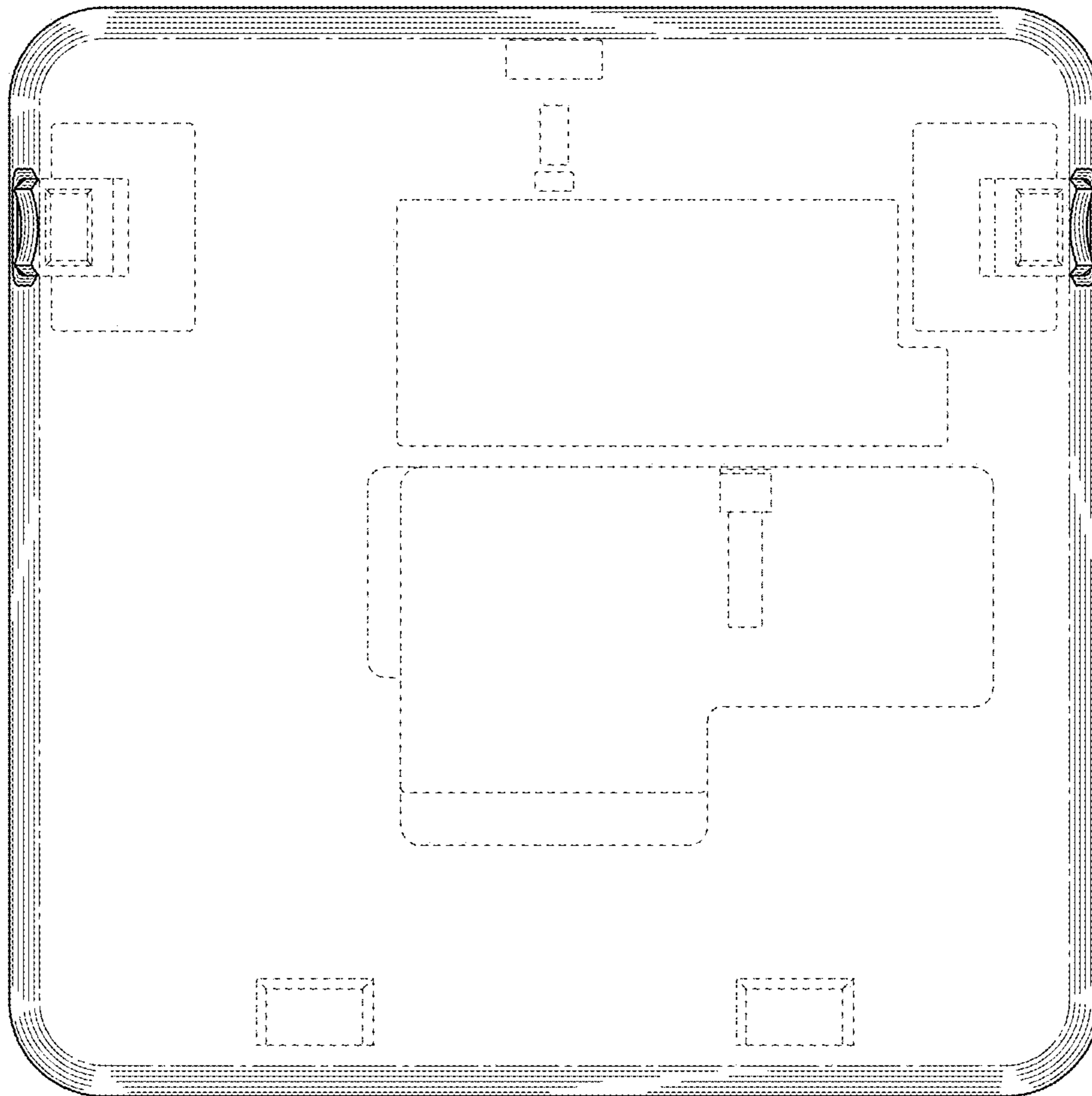


FIG. 4

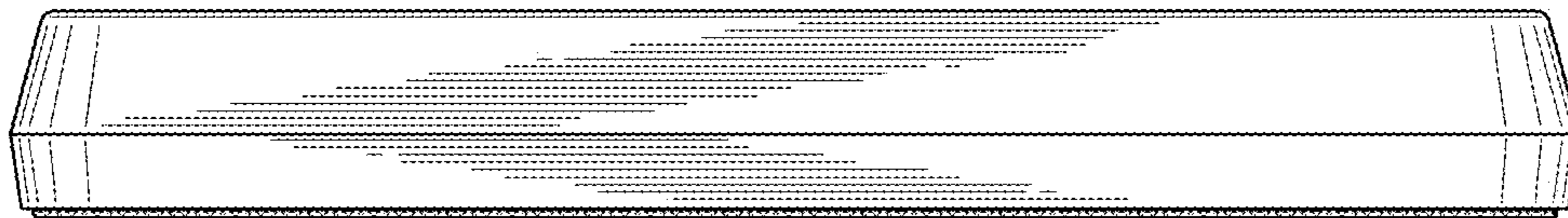


FIG. 5

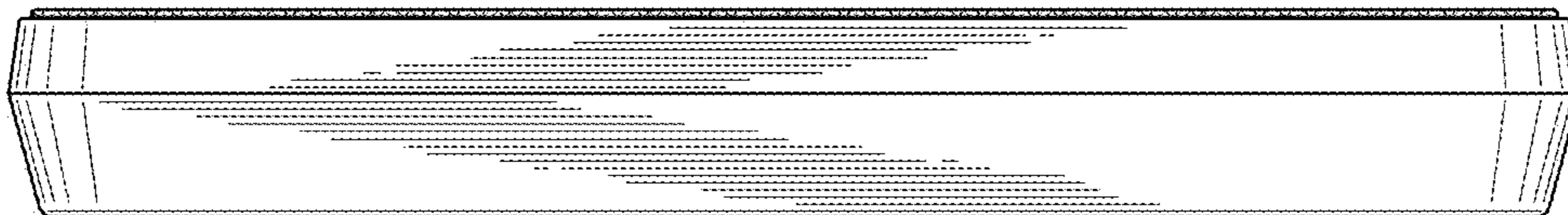


FIG. 6

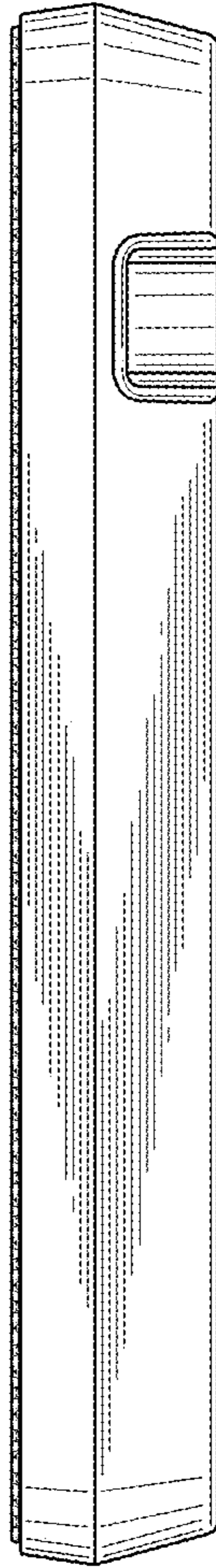


FIG. 7

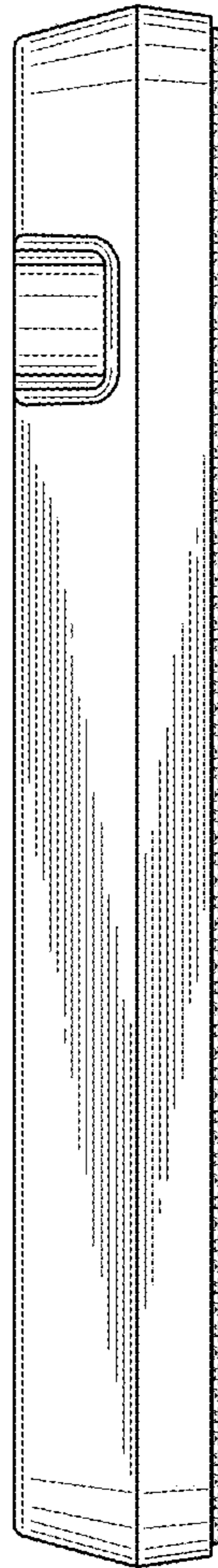


FIG. 8

