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(12) **United States Design Patent**
Antonio

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(54) **ECO-FRIENDLY TRANSACTION DEVICE**

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(**) Term: **14 Years**

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(51) **LOC (9) Cl.** **19-08**
(52) **U.S. Cl.** **D19/9**
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See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,468,046	A	*	9/1969	Makishima	283/89
3,532,543	A		10/1970	Nole et al.	
3,537,195	A		11/1970	Gerds	
3,546,022	A		12/1970	Busch et al.	
3,556,563	A	*	1/1971	Schienberg et al.	283/67
3,806,369	A		4/1974	Dey et al.	
3,894,756	A	*	7/1975	Ward	283/86
4,058,839	A		11/1977	Darjany	

(Continued)

FOREIGN PATENT DOCUMENTS

EP	0855659	7/1998
WO	WO 98/37524	8/1998

OTHER PUBLICATIONS

Epper, A Player Goes After Big Bucks in Cyberspace, American Banker, vol. 160, No. 86, ISSN: 0002-7561, May 5, 1995, p. 17.

(Continued)

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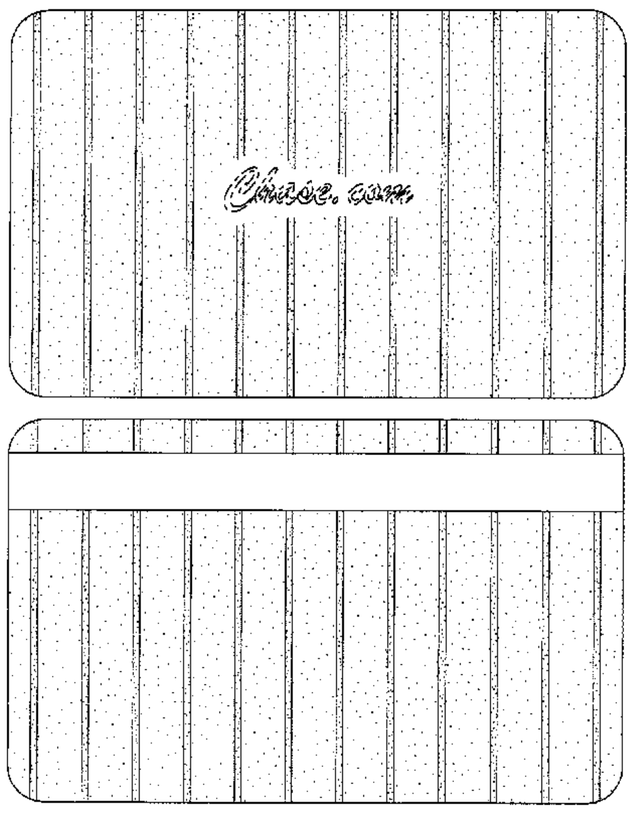
(57) **CLAIM**

We claim the ornamental design for an eco-friendly transaction device, as shown and described.

DESCRIPTION

FIG. **1** depicts a perspective view of a back face of an eco-friendly transaction device.
FIG. **2** depicts a front elevational view of FIG. **1**.
FIG. **3** depicts a back elevational view of FIG. **1**.
FIG. **4** depicts a bottom plan view of FIG. **1**.
FIG. **5** depicts a top plan view of FIG. **1**.
FIG. **6** depicts a side elevational view of FIG. **1**.
FIG. **7** depicts an opposite side elevational view of FIG. **1**.
FIG. **8** depicts a perspective view of the claimed design in a condition of use with broken line environmental structure.
FIG. **9** depicts a front elevational view of FIG. **8**.
FIG. **10** depicts a back elevational view of FIG. **8**.
FIG. **11** depicts a side elevational view of FIG. **8**.
FIG. **12** depicts an opposite side elevational view of FIG. **8**.
FIG. **13** depicts a bottom plan view of FIG. **8**.
FIG. **14** depicts a top plan view of FIG. **8**.
FIG. **15** depicts a perspective view of the claimed design in another condition of use with an alternate broken line environmental structure.
FIG. **16** depicts a front view of FIG. **15**.
FIG. **17** depicts a bottom view of FIG. **15**.
FIG. **18** depicts a side elevational view of FIG. **15**.
FIG. **19** depicts an opposite side elevational view of FIG. **15**.
FIG. **20** depicts an opposite side elevational view of FIG. **15**; and,
FIG. **21** depicts an opposite side elevational view of FIG. **15**.
The broken lines in the drawings illustrate environmental structure on the article and form no part of the claimed design.

1 Claim, 15 Drawing Sheets



U.S. PATENT DOCUMENTS

4,507,346	A	*	3/1985	Maurer et al.	428/158
4,523,297	A		6/1985	Ugon et al.	
4,544,834	A		10/1985	Newport et al.	
4,582,985	A		4/1986	Lofberg	
4,634,845	A		1/1987	Riley et al.	
4,650,219	A	*	3/1987	Sigman	283/70
4,672,891	A	*	6/1987	Maurer et al.	101/32
4,689,478	A		8/1987	Hale et al.	
4,746,787	A		5/1988	Suto et al.	
4,747,620	A		5/1988	Kay et al.	
4,750,036	A		6/1988	Martinez	
4,754,418	A		6/1988	Hara	
4,766,026	A	*	8/1988	Lass et al.	428/203
4,766,293	A		8/1988	Boston	
4,825,052	A		4/1989	Ugon	
4,833,048	A		5/1989	Dejonghe et al.	
4,849,618	A		7/1989	Namikawa et al.	
4,859,837	A		8/1989	Halpern	
4,868,376	A		9/1989	Lessin et al.	
4,876,441	A		10/1989	Hara et al.	
4,897,533	A		1/1990	Lyszczarz	
4,916,296	A		4/1990	Streck	
4,922,111	A		5/1990	Kuwano	
4,923,288	A		5/1990	Allen et al.	
4,938,830	A	*	7/1990	Cannistra	156/270
4,968,873	A		11/1990	Dethloff et al.	
4,977,455	A		12/1990	Young	
4,988,126	A	*	1/1991	Heckenkamp et al.	283/92
4,999,617	A		3/1991	Uemura	
5,025,373	A		6/1991	Keyser, Jr.	
5,047,614	A		9/1991	Bianco	
5,055,662	A		10/1991	Hasegawa	
5,080,748	A		1/1992	Bonomi	
5,096,228	A	*	3/1992	Rinderknecht	283/75
5,097,115	A		3/1992	Ogasawara et al.	
5,154,731	A		10/1992	Winger	
5,162,175	A		11/1992	Visco et al.	
5,168,151	A		12/1992	Nara	
5,173,589	A		12/1992	Diehl	
5,227,614	A		7/1993	Danielson	
5,233,654	A		8/1993	Harvey et al.	
5,241,161	A		8/1993	Zuta	
5,247,190	A		9/1993	Friend et al.	
5,249,044	A		9/1993	Von Kohorn	
5,252,815	A		10/1993	Pernet	
5,276,311	A		1/1994	Hennige	
5,285,278	A		2/1994	Holman	
5,287,181	A		2/1994	Holman	
5,299,940	A		4/1994	Uenaka et al.	
5,317,137	A		5/1994	Wilkins	
5,321,240	A		6/1994	Takahira	
5,328,809	A		7/1994	Holmes et al.	
5,339,239	A		8/1994	Manabe et al.	
5,340,969	A		8/1994	Cox	
5,359,183	A		10/1994	Skodlar	
5,396,650	A		3/1995	Terauchi	
5,399,502	A		3/1995	Friend et al.	
5,401,827	A		3/1995	Holmes et al.	
5,412,192	A		5/1995	Hoss	
5,425,497	A		6/1995	Sorensen	
5,450,479	A		9/1995	Alesio	
5,451,763	A		9/1995	Pickett et al.	
5,488,571	A		1/1996	Jacobs	
5,492,370	A		2/1996	Chatwin et al.	
5,504,664	A		4/1996	Ostema	
5,506,394	A		4/1996	Plesko	
5,508,731	A		4/1996	Kohorn	
5,510,828	A		4/1996	Lutterbach	
5,511,114	A		4/1996	Stimson et al.	
5,512,654	A		4/1996	Holmes et al.	
5,513,102	A		4/1996	Auriemma	
5,516,598	A		5/1996	Visco et al.	
5,521,363	A		5/1996	Tannenbaum	
5,523,179	A		6/1996	Chu	
5,523,794	A		6/1996	Mankovitz et al.	
5,530,235	A		6/1996	Stefik et al.	
5,535,147	A		7/1996	Jacobs	
5,544,246	A		8/1996	Mandelbaum et al.	
5,559,313	A		9/1996	Claus et al.	
5,563,948	A		10/1996	Diehl	
5,568,441	A		10/1996	Sanemitsu	
5,569,898	A		10/1996	Fisher et al.	
5,572,004	A		11/1996	Raimann	
5,577,109	A		11/1996	Stimson et al.	
5,582,623	A		12/1996	Chu	
5,585,787	A		12/1996	Wallerstein	
5,590,038	A		12/1996	Pitroda	
5,594,493	A		1/1997	Nemirofsky	
5,604,542	A		2/1997	Dedrick	
5,613,095	A		3/1997	Moss et al.	
5,621,787	A		4/1997	McKoy et al.	
5,629,977	A		5/1997	Fonseca	
5,649,118	A		7/1997	Carlisle et al.	
5,652,602	A		7/1997	Fishman	
5,663,766	A		9/1997	Sizer, II	
5,664,110	A		9/1997	Green et al.	
5,664,157	A		9/1997	Takahira et al.	
5,672,678	A		9/1997	Holmes et al.	
5,690,412	A		11/1997	Sheldon	
5,710,458	A		1/1998	Iwasaki	
5,721,781	A		2/1998	Deo et al.	
5,727,153	A		3/1998	Powell	
5,728,998	A		3/1998	Novis et al.	
5,734,154	A		3/1998	Jachimowicz et al.	
5,735,550	A	*	4/1998	Hinkle	283/108
5,736,727	A		4/1998	Nakata	
5,736,728	A		4/1998	Matsubara	
5,744,789	A		4/1998	Kashi	
5,751,953	A		5/1998	Sheils	
5,760,381	A		6/1998	Stich et al.	
5,761,624	A		6/1998	Mooney	
5,763,862	A		6/1998	Jachimowicz	
5,767,896	A		6/1998	Nemirofsky	
5,770,843	A		6/1998	Rose et al.	
5,770,849	A		6/1998	Novis et al.	
5,777,305	A		7/1998	Smith et al.	
5,777,306	A		7/1998	Masuda	
5,777,903	A		7/1998	Piosenka et al.	
5,778,067	A		7/1998	Jones et al.	
5,789,732	A		8/1998	McMahon	
5,789,733	A		8/1998	Jachimowicz et al.	
5,793,502	A		8/1998	Bianco et al.	
5,804,806	A		9/1998	Haddad	
5,806,044	A		9/1998	Powell	
5,806,045	A		9/1998	Biorge	
5,807,627	A		9/1998	Friend et al.	
5,815,127	A		9/1998	Jacobs	
5,815,658	A		9/1998	Kuriyama	
5,817,207	A		10/1998	Leighton	
5,819,234	A		10/1998	Slavin et al.	
5,844,230	A		12/1998	Lalonde	
5,854,595	A		12/1998	Williams	
5,857,079	A		1/1999	Claus et al.	
5,857,709	A		1/1999	Chock	
5,859,419	A		1/1999	Wynn	
5,870,155	A		2/1999	Erlin	
5,877,941	A		3/1999	Ryu	
5,880,769	A		3/1999	Nemirofsky	
5,884,271	A		3/1999	Pitroda	
5,887,271	A		3/1999	Powell	
5,890,135	A		3/1999	Powell	
5,920,844	A		7/1999	Hotta et al.	
5,930,217	A		7/1999	Kayanuma	
5,952,639	A		9/1999	Ohki	
5,952,641	A		9/1999	Korshun	
5,955,961	A		9/1999	Wallerstein	
RE36,356	E		10/1999	Gloton et al.	
5,988,503	A		11/1999	Kuo	
5,995,372	A		11/1999	Asakura	
6,002,383	A		12/1999	Shimada	
6,003,770	A		12/1999	Schilling	
6,004,681	A		12/1999	Epstein et al.	
6,005,183	A		12/1999	Akai et al.	
6,006,456	A	*	12/1999	Hiromachi et al.	40/124.01
6,016,954	A		1/2000	Abe et al.	
6,019,284	A		2/2000	Freeman et al.	
6,025,283	A		2/2000	Roberts	

6,027,028	A		2/2000	Pieterse et al.				
6,036,099	A		3/2000	Leighton				
6,045,042	A		4/2000	Ohno				
6,049,463	A		4/2000	O'Malley et al.				
6,087,954	A		7/2000	McSpadden et al.				
6,089,284	A		7/2000	Kaehler et al.				
6,091,817	A		7/2000	Bertina et al.				
6,095,072	A		8/2000	Kaufhold				
6,095,412	A		8/2000	Bertina et al.				
D431,039	S		9/2000	Wilson				
D431,252	S		9/2000	Wilson				
6,121,069	A		9/2000	Boyko et al.				
D431,573	S		10/2000	Wilson				
D432,141	S		10/2000	Wilson				
D432,548	S		10/2000	Wilson				
D432,552	S		10/2000	Wilson				
D433,031	S		10/2000	Wilson				
D433,032	S		10/2000	Wilson				
D433,033	S		10/2000	Wilson				
D433,034	S		10/2000	Wilson				
D433,035	S		10/2000	Wilson				
D433,036	S		10/2000	Wilson				
D433,037	S		10/2000	Wilson				
D433,059	S		10/2000	Okumura et al.				
6,128,599	A		10/2000	Walker et al.				
D433,420	S		11/2000	Wilson				
D433,421	S		11/2000	Wilson				
D433,422	S		11/2000	Wilson				
D433,423	S		11/2000	Wilson				
D433,424	S		11/2000	Wilson				
D434,041	S		11/2000	Burke				
6,146,741	A		11/2000	Ogawa et al.				
6,159,570	A	*	12/2000	Ulrich et al.	428/40.1			
6,161,870	A	*	12/2000	Blank	283/75			
6,164,548	A		12/2000	Curiel				
6,170,745	B1		1/2001	Schilling				
D437,882	S		2/2001	Creighton				
D438,563	S	*	3/2001	Webb et al.	D19/10			
6,214,155	B1		4/2001	Leighton				
6,250,555	B1		6/2001	Inamoto				
6,294,241	B1		9/2001	Kaule et al.				
6,308,887	B1		10/2001	Korman et al.				
6,315,195	B1		11/2001	Ramachandran				
6,318,536	B1		11/2001	Korman				
6,328,342	B1		12/2001	Belousov et al.				
6,337,752	B1		1/2002	Heckenkamp et al.				
6,382,506	B1		5/2002	Van Der Valk				
6,441,736	B1		8/2002	Leighton				
6,471,128	B1		10/2002	Corcoran et al.				
6,482,330	B1		11/2002	Bajorek				
6,492,717	B1		12/2002	Gore et al.				
6,514,367	B1		2/2003	Leighton				
6,533,180	B1		3/2003	Wood				
6,549,912	B1		4/2003	Chen				
6,557,766	B1		5/2003	Leighton				
D477,359	S	*	7/2003	Haas	D19/10			
6,609,658	B1		8/2003	Sehr				
D481,068	S		10/2003	Blossom et al.				
6,631,849	B2		10/2003	Blossom				
6,640,974	B2	*	11/2003	Malone	206/449			
6,644,551	B2		11/2003	Clayman et al.				
6,702,181	B2		3/2004	Ramachandran				
6,715,797	B2		4/2004	Curiel				
6,734,887	B2		5/2004	Field				
6,796,490	B1		9/2004	Drummond et al.				
D505,450	S	*	5/2005	Lauer et al.	D19/9			
D507,598	S	*	7/2005	Allard et al.	D19/10			
6,957,334	B1		10/2005	Goldstein				
6,965,868	B1		11/2005	Bednarek				
D512,456	S	*	12/2005	Diaz et al.	D19/10			
D514,619	S	*	2/2006	Brink et al.	D19/9			
7,025,256	B1		4/2006	Drummond et al.				
D522,052	S	*	5/2006	Lubking	D19/10			
7,040,533	B1		5/2006	Ramachandran				
D524,860	S	*	7/2006	Risafi et al.	D19/9			
7,150,393	B1		12/2006	Drummond et al.				
D569,423	S	*	5/2008	Lasch et al.	D19/9			
D569,902	S	*	5/2008	Chang et al.	D19/2			
D573,182	S	*	7/2008	Ricketts et al.	D19/10			
D576,671	S	*	9/2008	Field et al.	D19/10			
D578,159	S	*	10/2008	Hachey et al.	D19/10			
D582,475	S	*	12/2008	Guest	D19/10			
D582,476	S	*	12/2008	Field et al.	D19/10			
D602,986	S	*	10/2009	Skelding et al.	D19/9			
D620,975	S	*	8/2010	Skelding et al.	D19/10			
2001/0011250	A1		8/2001	Paltenghe et al.				
2002/0117846	A1		8/2002	Kaule et al.				
2003/0024995	A1		2/2003	Conner et al.				
2003/0047253	A1		3/2003	Robinson et al.				
2003/0202151	A1		10/2003	Hinata				
2004/0026915	A1	*	2/2004	Thompson et al.	283/51			
2004/0049451	A1		3/2004	Berardi				
2004/0121257	A1		6/2004	Kaminsky et al.				
2004/0159709	A1		8/2004	Ohta et al.				
2004/0217178	A1		11/2004	Lasch et al.				
2005/0012326	A1		1/2005	Keller et al.				
2005/0194453	A1		9/2005	Connor et al.				
2006/0102729	A1		5/2006	Gandel et al.				
2006/0124753	A1		6/2006	Scholz et al.				
2006/0214008	A1		9/2006	Asami et al.				
2007/0096457	A1	*	5/2007	Cahill	283/72			
2007/0170264	A1		7/2007	Lasch et al.				
2007/0203825	A1		8/2007	Hanifin et al.				
2010/0283233	A1	*	11/2010	Jokinen	283/75			
2010/0308571	A1	*	12/2010	Steenblik et al.	283/72			

OTHER PUBLICATIONS

Sotto, An RFID Code of Conduct, RFID Journal, Featured Opinions, May 30, 2005.

BSI2000 Files Patent Application for Optical Bank Card Press Release, printed Apr. 27, 2004.

Brehl, Banks issue cash-card pledge, The Toronto Star, Oct. 9, 1997, 1 page.

Card Flash, Daily Payment Card News, www.CardWeb.com, printed Aug. 10, 2004.

Rosen, Cash Just Isn't Flexible Enough: Shops of the Future Will Only Take Cards, Daily Express, Technology Section, Feb. 10, 1995, 1 page.

Hesseldahl, China Goes Smartcard Crazy, www.forbes.com, Jun. 12, 2001.

E-Z Pass, Web page, http://www.ezpass.com-Disc_portNewYork.html, Nov. 12, 2001.

E-Z Pass, Web page, http:\\www.ezpass.com-Disc_ny_annual.html, Nov. 12, 2001.

E-Z Pass, Web page, http:\\www.ezpass.com-frameMain.html, Nov. 12, 2001.

E-Z Pass, Web page, http:\\www.ezpass.com-whatis.html, Nov. 12, 2001.

Business Times, Electronic Purse Can Free You from ATM Drag, Business Times, www.btimes.co.za, printed Feb. 23, 2001, 1 page.

Electronic Purse, SCIA (Smart Card Industry Association), About Smart Cards, www.scia.org, printed Feb. 23, 2001, 1 page.

Sanchez-Klein, Electronic purse alliance planned, Computerworld Online News, Jul. 29, 1998, printed Feb. 23, 2001, 2 pages.

Electronic purse card to be launched tomorrow, New Straits Times, News Clippings, Sep. 18, 1999, printed Feb. 23, 2001, 3 pages.

Frequently asked questions, ECARD, www.eregard.com, printed Sep. 23, 2001, 7 pages.

Machlis, Have it the smart way: Burger King program drives smart-card use, Computerworld, printed Feb. 23, 2001, 1 page.

Nokia Announces the World's First NFC Enabled Mobile Product for Contactless Payment and Ticketing, PRNewswire, Feb. 9, 2005.

Proton world and Europay to co-operate in creation of new CEPS-compliant e-purse application, Press Release 1999, Waterloo, Belgium, Jun. 28, 1999, 2 pages.

Purse Application for Cross Border Use in Euro, Cordis, Pace 1st 1999-11531 Pace, www.cordis.lu, printed Feb. 23, 2001, 3 pages.

RFID Tags, Contactless Smart Card Technology and Electronic Passports: Frequently Asked Questions, www.smartcardalliance.org, Feb. 17, 2005.

RFID Tags, Contactless Smart Card Technology: Comparing and Contrasting Applications and Capabilities, www.smartcardalliance.org, Feb. 17, 2005.

SK100 Smart Card Electronic Purse Balance Reader, SK100 Balance Reader, http://perso.wanadoo.fr, printed Feb. 23, 2001, 1 page.
Gilhooly, Smart Cards, Smart Move?, Computerworld, May 21, 2001, pp. 1-5.
Smart card for loyalty and e-purse applications eclipses capability of conventional mag-stripe cards, Press Release, www.1.sib.com, Apr. 21, 1997, printed Feb. 23, 2001, 3 pages.
SmartAxis: Load Cash on to your E-Purse Card, Supported Currencies and Schemes, www.smartaxis.co.uk, printed Feb. 23, 2001, 9 pages.
Dvorak, Smartcards Get Smarter, www.forbes.com, Jun. 1, 2001.
Hesseldahl, Stock Focus: Smartcard Companies, www.forbes.com, Jun. 18, 2001.
The Electronic Purse Reaches the Car Park, http:\\docs.vircom.net/mobility/parking, printed Feb. 23, 2001, 2 pages.
Stuber, The electronic purse: an overview of recent development and issues, Bank of Canada, Technical Report No. 74, www.bankofcanada.ca, Jan. 1996, printed Feb. 23, 2001, 2 pages.
Transponders: Cash In A Flash, www.forbes.com, Jul. 31, 2001.
Hesseldahl, U.S. Getting Wise To Smart Cards, Forbes.com, May 25, 2000.
Understanding the benefits: Smartcity offers a number of important benefits to both the card issuers and their customers, http://www.icl.com/smartcards/benefits.htm, printed Feb. 27, 2001, 2 pages.
Visa first to launch electronic purse load via GSM mobile phone, www.cellular.co.za, Johannesburg, ZA, printed Feb. 23, 2001, 4 pages.
Hansell, Visa to unveil electronic purse cards, New York Times, printed Feb. 23, 2001, 2 pages.
Visa, MBNA and De La Rue Launch Multi-Function Smart Card Program, www.findarticles.com, Jul. 6, 1998.
Machlis et al., Will smart cards replace ATMS?, Computerworld, printed Feb. 23, 2001, 3 pages.

* cited by examiner

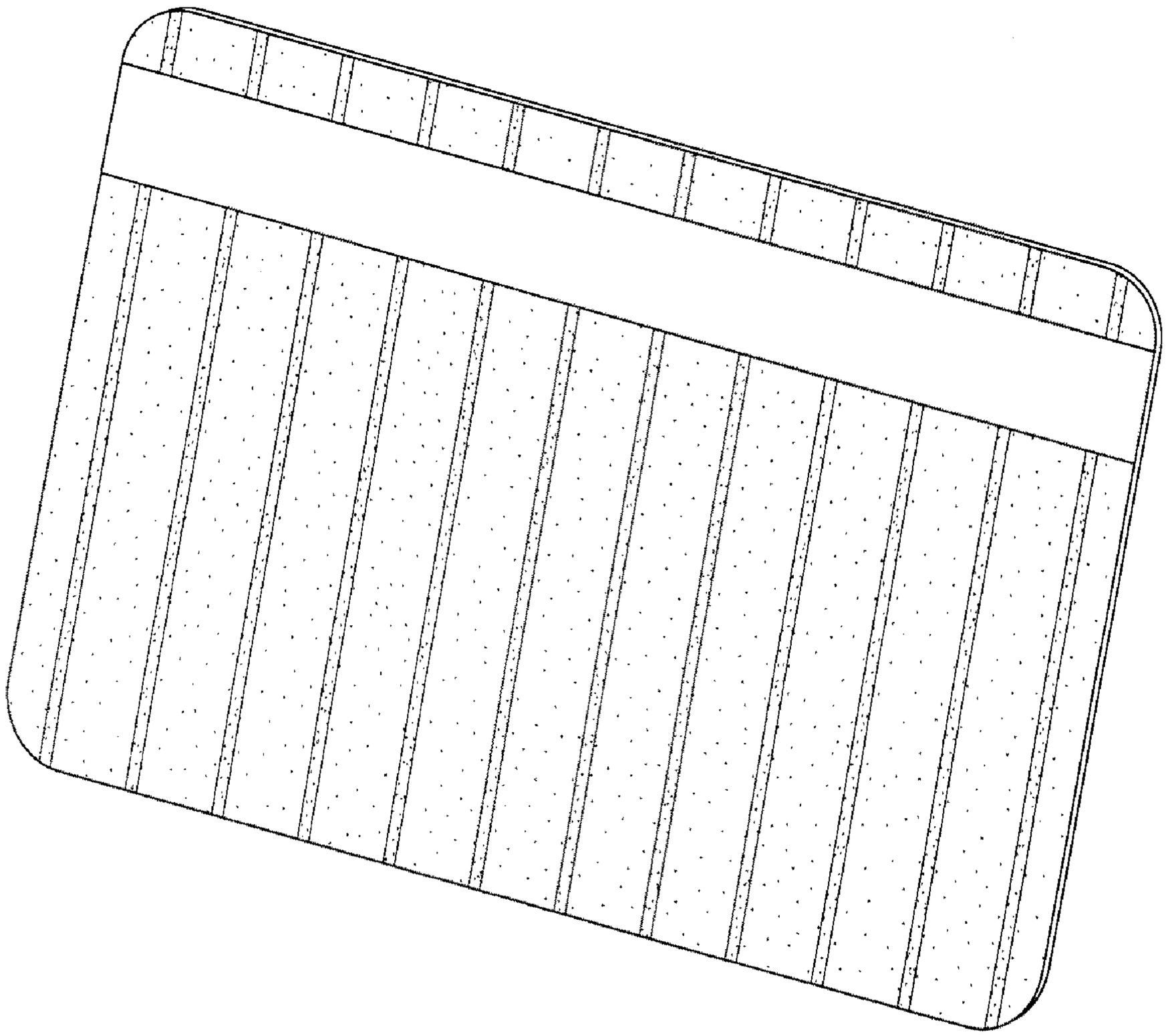


FIG 1

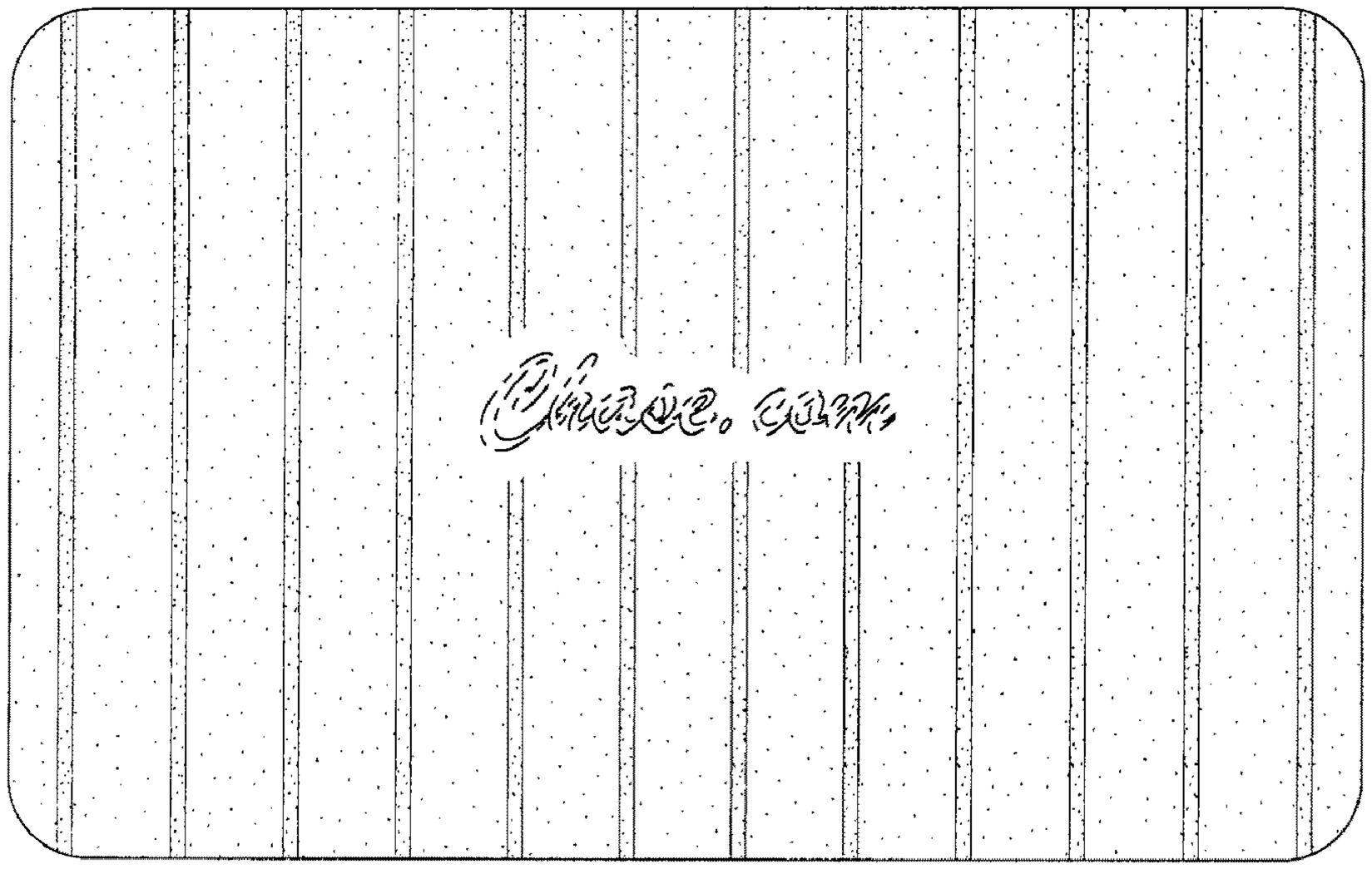


FIG 2

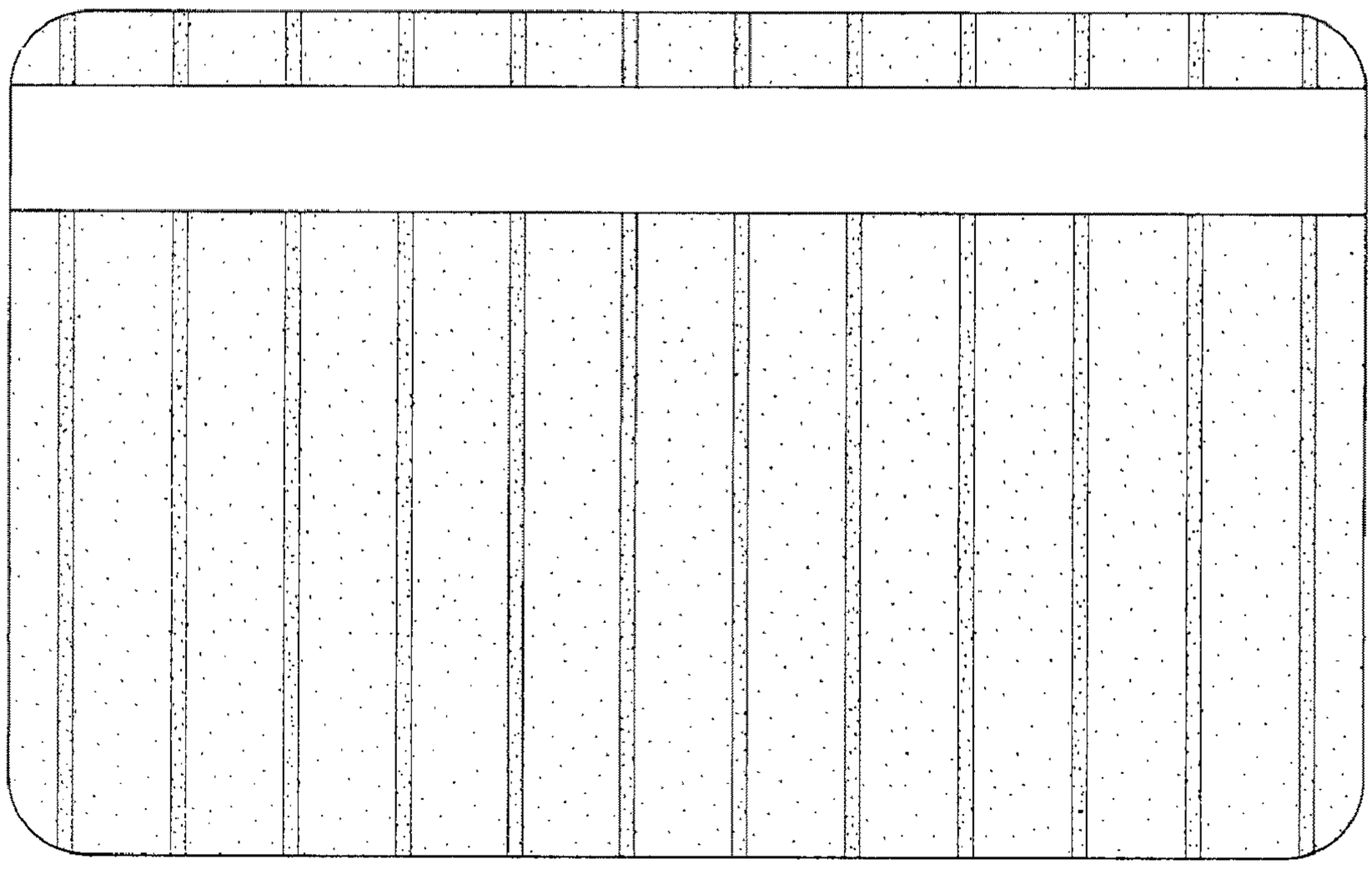


FIG 3

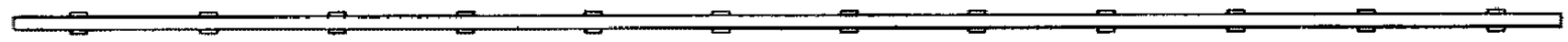


FIG 4

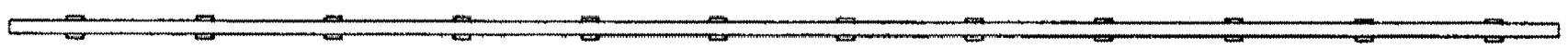


FIG 5

FIG 6

FIG 7

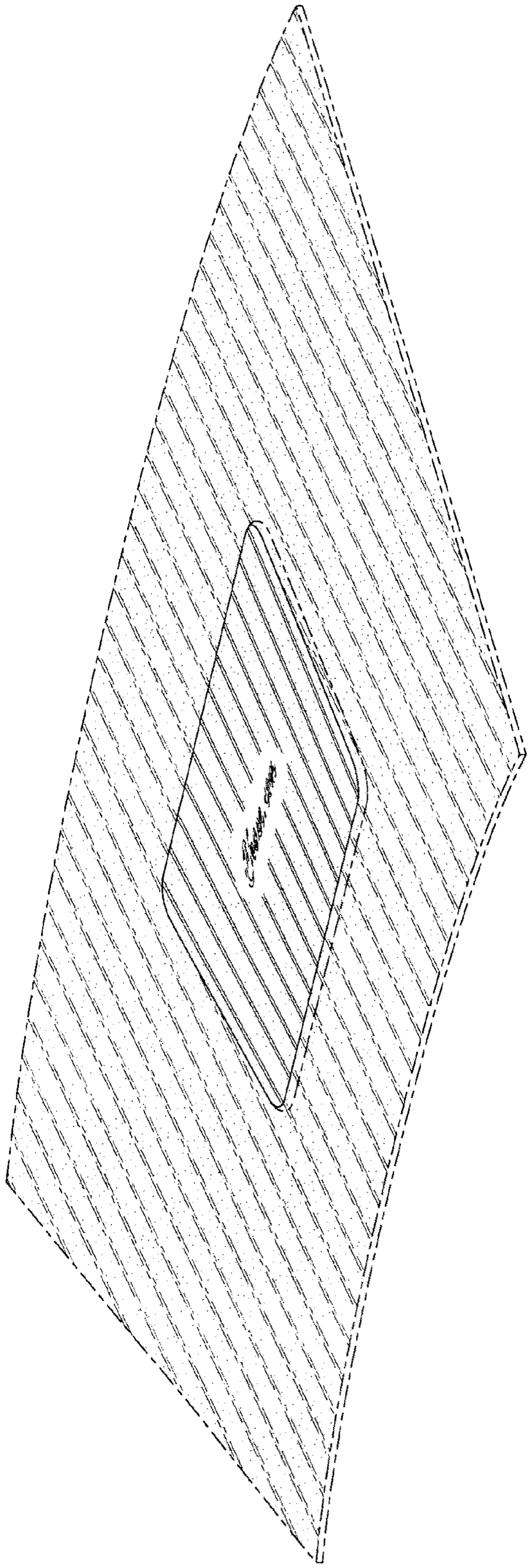


FIG 8

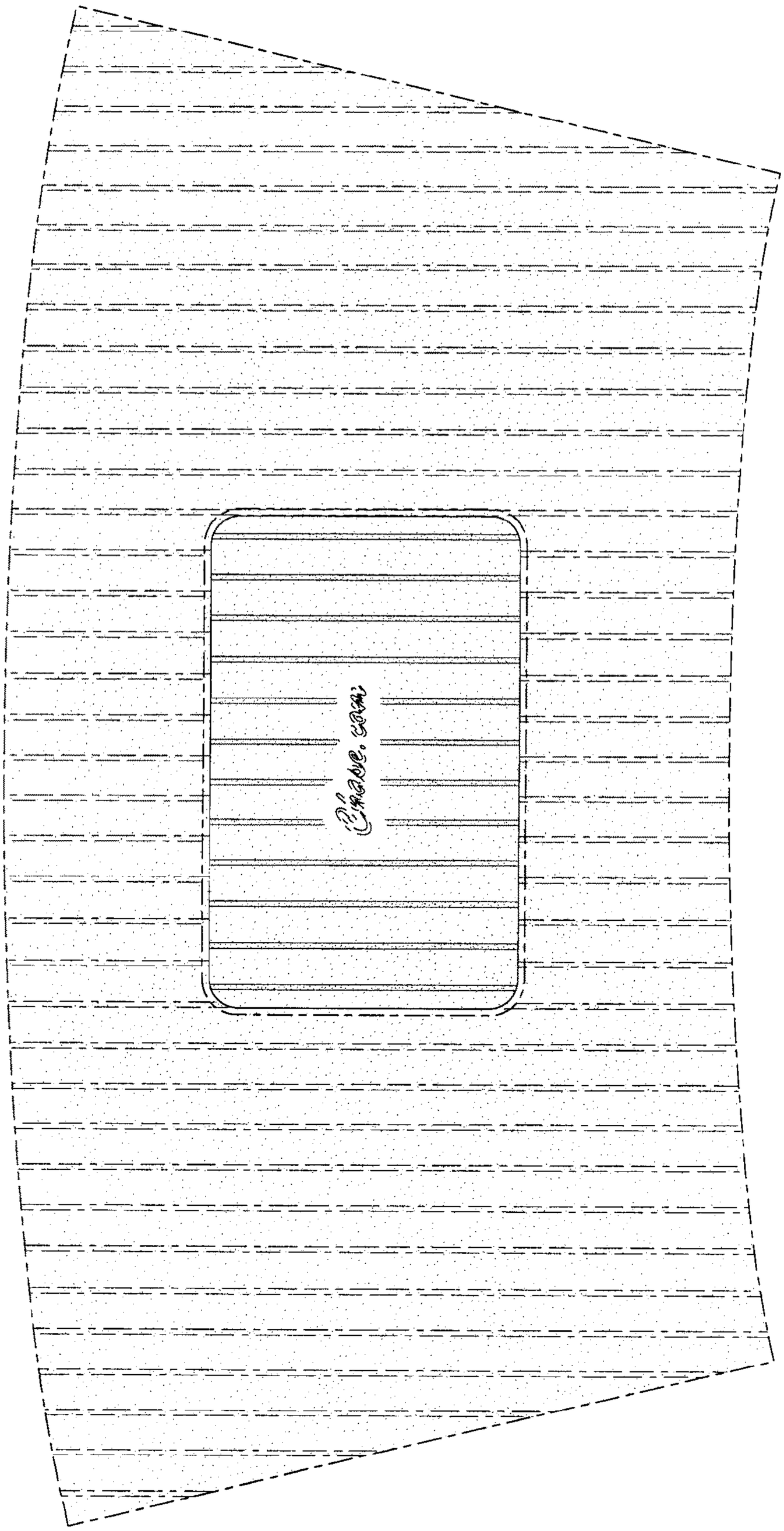


FIG 9

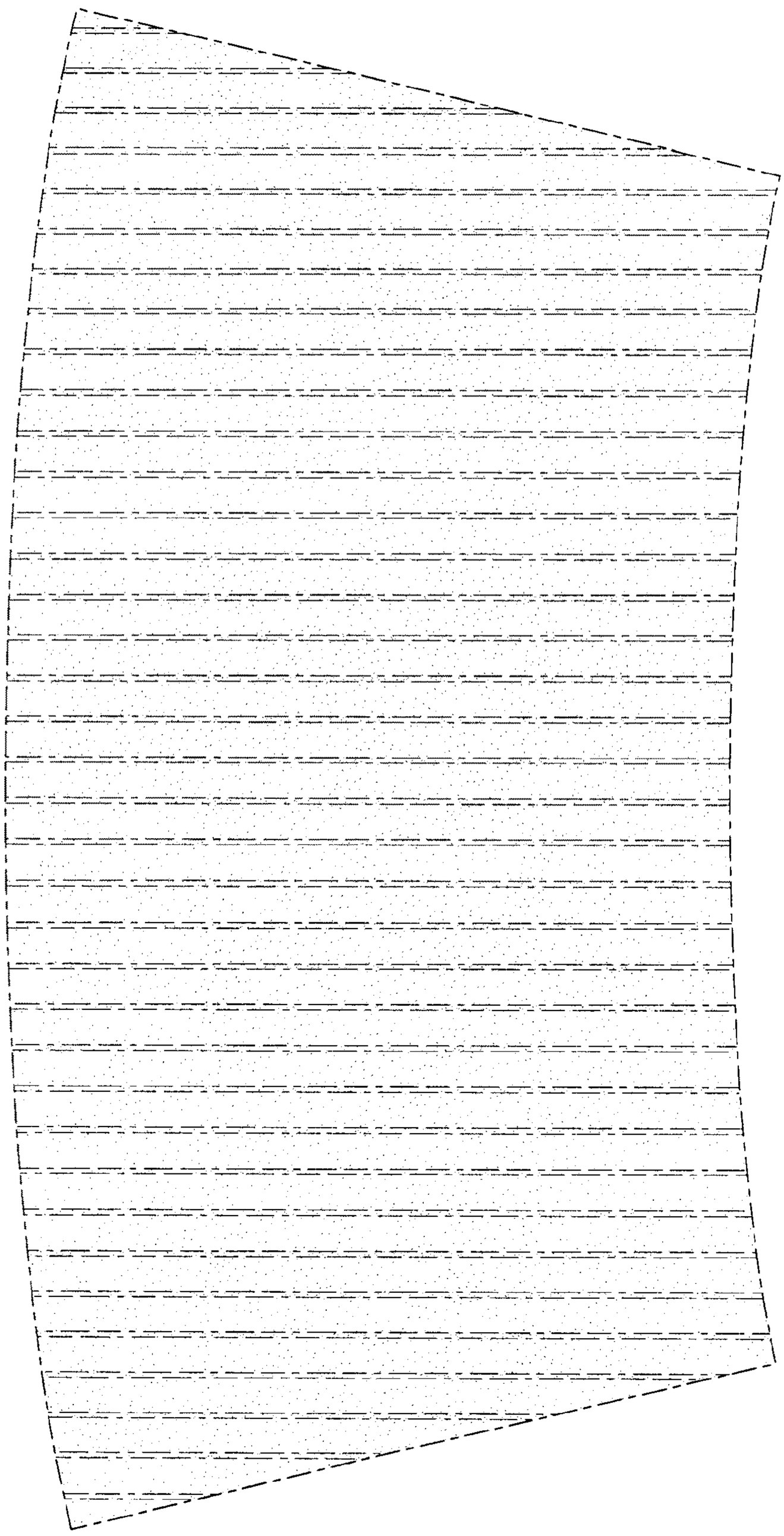


FIG 10

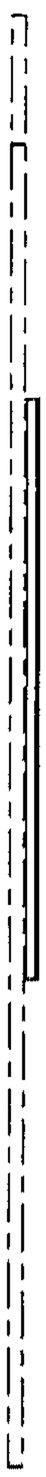


FIG 11

FIG 12

FIG 13

FIG 14

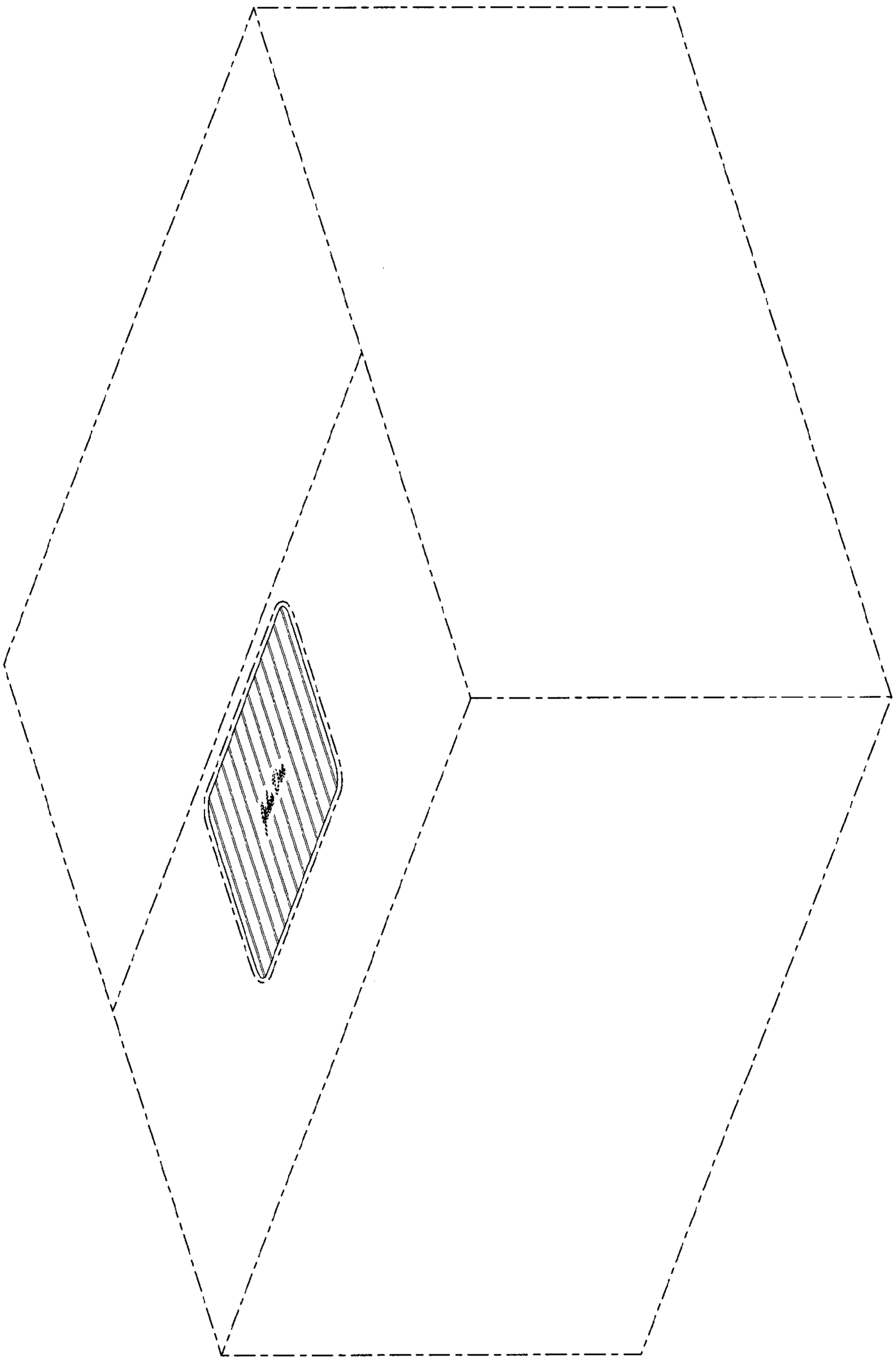


FIG. 15

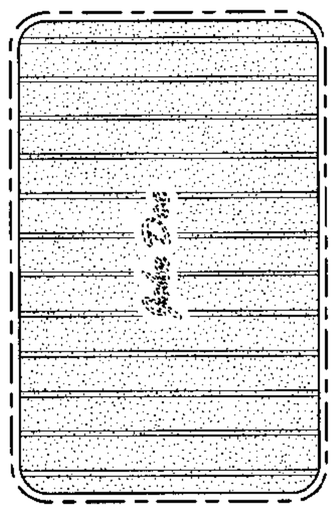


FIG. 16

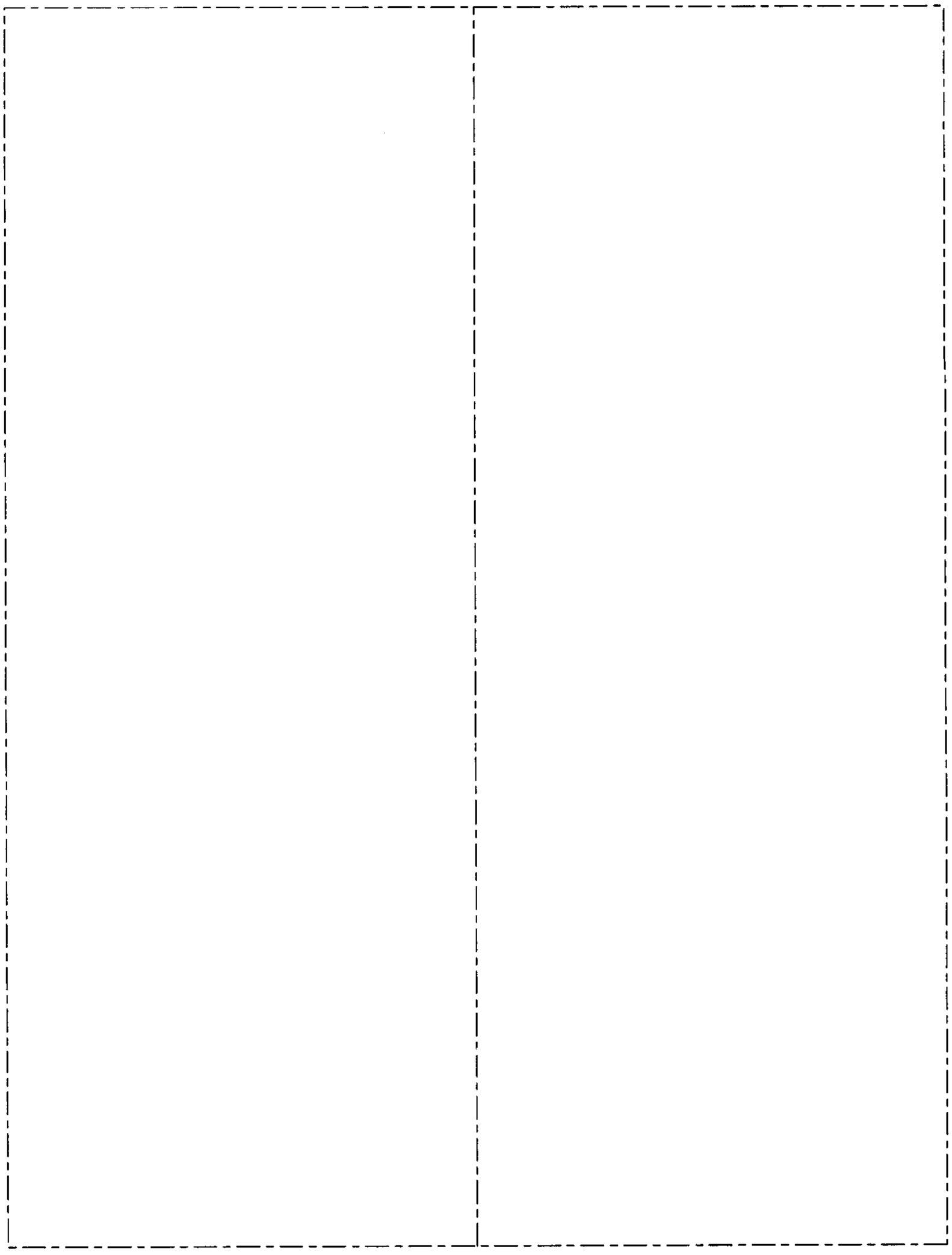


FIG. 17

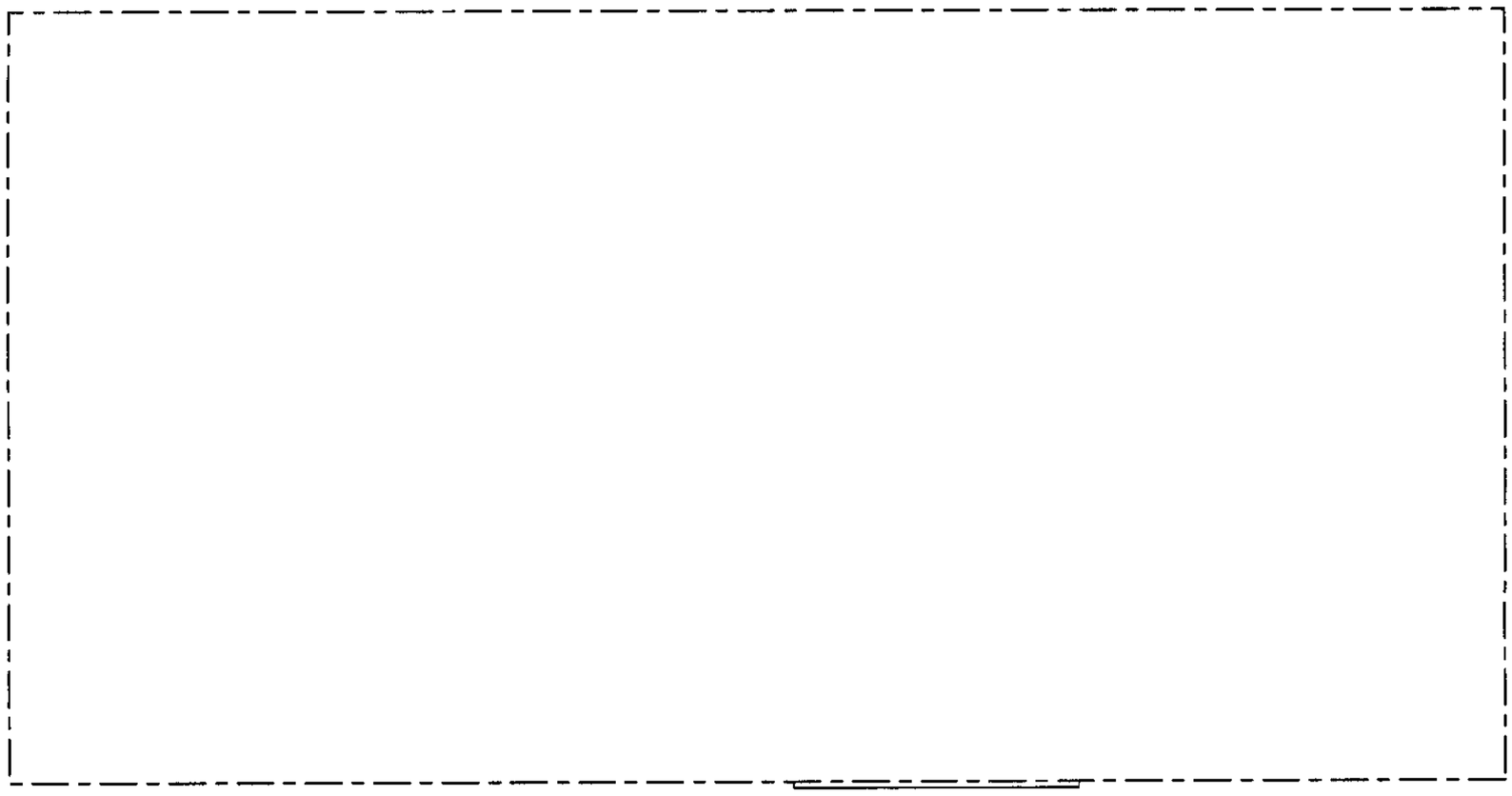


FIG. 19

FIG. 18

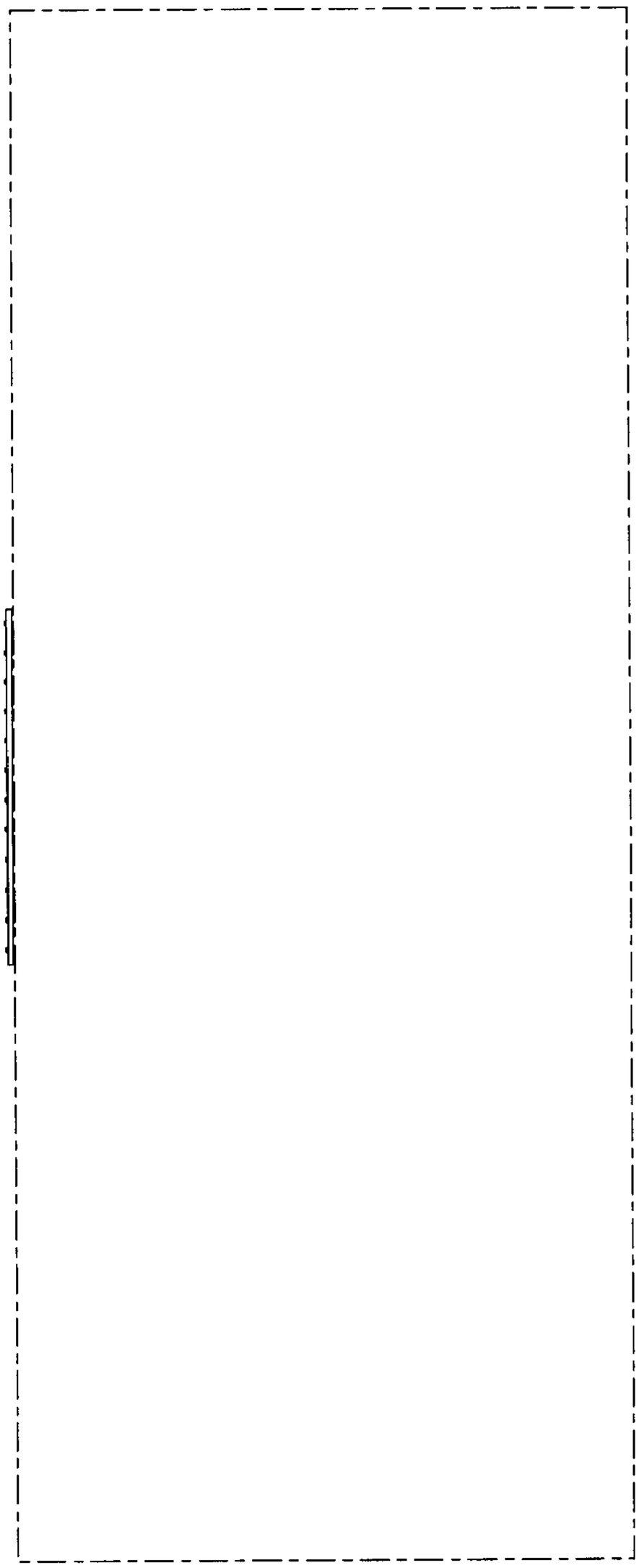


FIG. 20

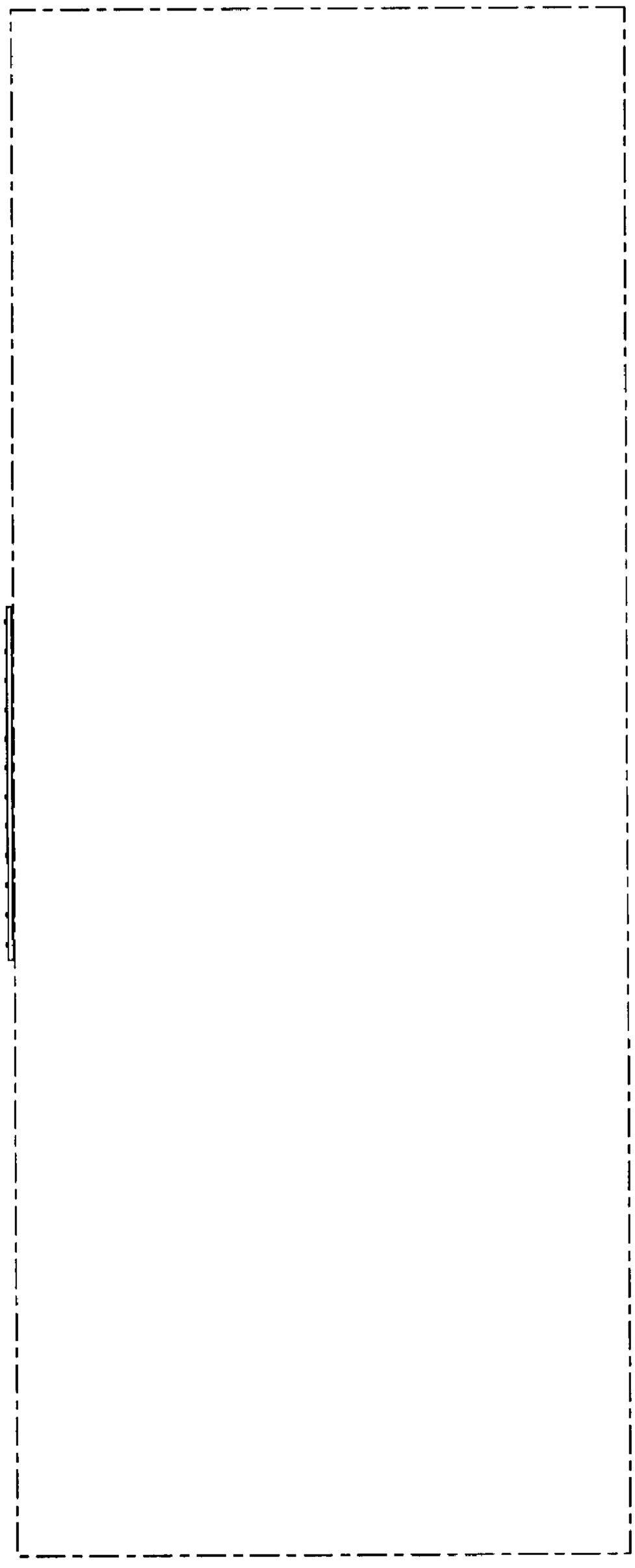


FIG. 21