

US00D760306S

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

(10) **Patent No.:** **US D760,306 S**
(45) **Date of Patent:** **** Jun. 28, 2016**

(54) **3D PRINTER ENCLOSURE**

(71) Applicant: **WOLF & ASSOCIATES, INC.**, Costa Mesa, CA (US)

(72) Inventor: **Erick Packard Wolf**, Corona del Mar, CA (US)

(73) Assignee: **WOLF & ASSOCIATES, INC.**, Costa Mesa, CA (US)

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

(21) Appl. No.: **29/521,262**

(22) Filed: **Mar. 20, 2015**

(51) **LOC (10) Cl.** **15-09**

(52) **U.S. Cl.**
USPC **D15/122; D15/135**

(58) **Field of Classification Search**
USPC D15/122, 135, 138; D18/6-7, 14, 19,
D18/50, 54.1, 54, 55, 59
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,340,433	A	8/1994	Crump	
5,503,785	A	4/1996	Crump et al.	
6,004,124	A	12/1999	Swanson et al.	
D446,826	S *	8/2001	Dunn et al.	D21/398
D514,556	S *	2/2006	Rising	D14/300
7,168,935	B1	1/2007	Taminger et al.	
7,297,304	B2 *	11/2007	Swanson et al.	264/308
D565,648	S	4/2008	Egami	
7,384,255	B2	6/2008	LaBossiere et al.	
7,604,470	B2	10/2009	LaBossiere et al.	
7,625,200	B2	12/2009	Leavitt	
7,706,910	B2	4/2010	Hull et al.	
D616,045	S *	5/2010	Tervo	D21/499
7,731,887	B2	6/2010	Hull et al.	
7,771,183	B2	8/2010	Hull et al.	
7,896,209	B2	3/2011	Batchelder et al.	
7,931,460	B2	4/2011	Scott et al.	

7,938,351	B2	5/2011	Taatjes et al.
8,105,066	B2	1/2012	Sperry et al.
8,105,527	B2	1/2012	Wahlstrom
8,119,053	B1	2/2012	Bedal et al.
8,153,182	B2	4/2012	Comb et al.
8,153,183	B2	4/2012	Skubic et al.

(Continued)

FOREIGN PATENT DOCUMENTS

KR	10-2010-0004475	1/2010
WO	WO 2015/057886	4/2015

OTHER PUBLICATIONS

U.S. Appl. No. 29/463,675, filed Feb. 3, 2014, Wolfe et al.

(Continued)

Primary Examiner — Patricia Palasik

(74) *Attorney, Agent, or Firm* — Knobbe, Martens, Olson & Bear, LLP

(57) **CLAIM**

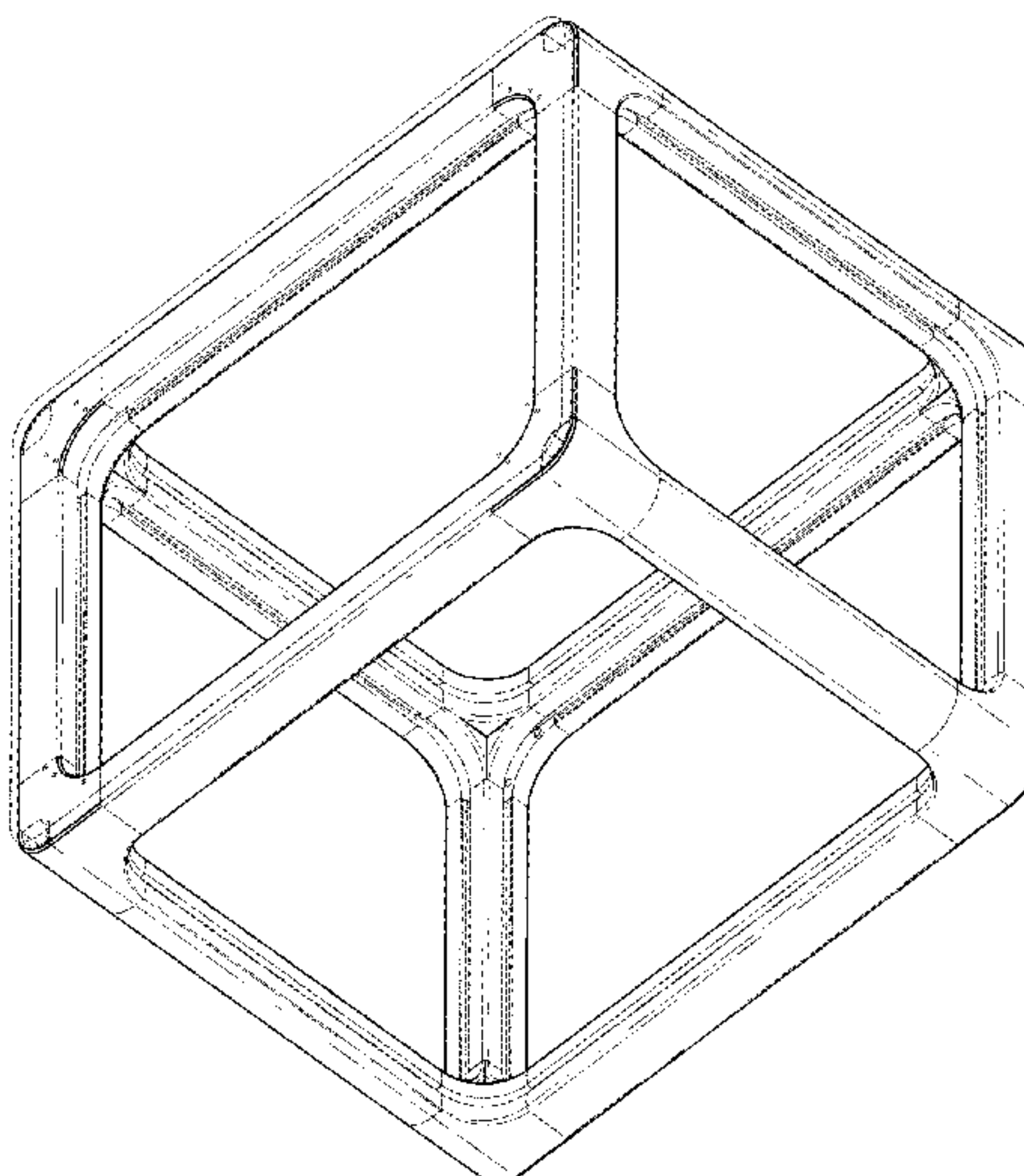
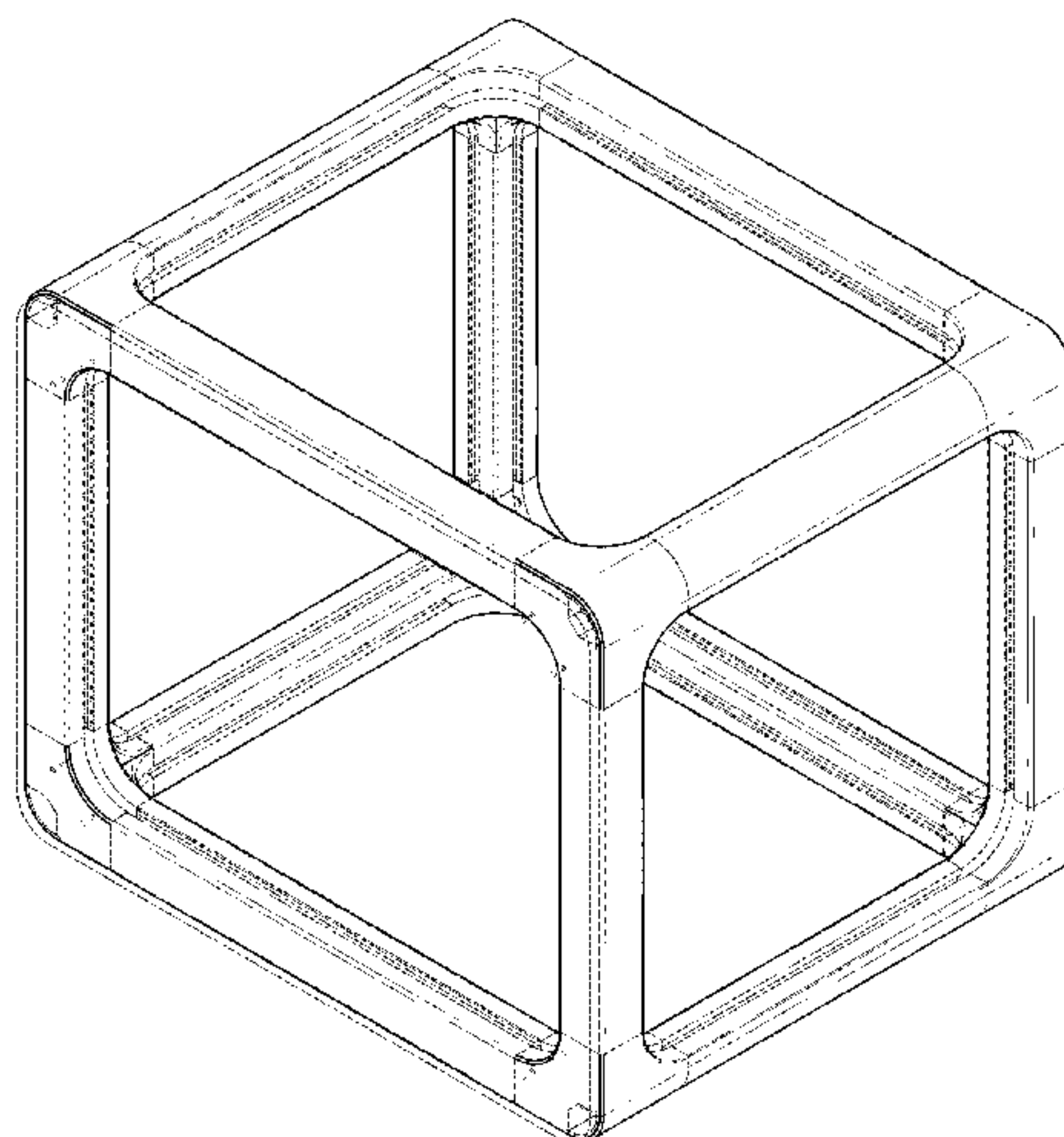
The ornamental design for a 3D printer enclosure, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of a 3D printer enclosure; FIG. 2 is a bottom perspective view thereof; FIG. 3 is a front view thereof; FIG. 4 is a back view thereof; FIG. 5 is a left side view thereof; FIG. 6 is a right side view thereof; FIG. 7 is a bottom view thereof; and, FIG. 8 is a top view thereof.

The portions shown in broken lines are for illustrative purposes only and form no part of the claimed design. The broken lines in FIGS. 1-3 illustrating a front panel of the 3D printer enclosure cover a portion of the surfaces which lie beneath the broken lines.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

8,185,229 B2 5/2012 Davidson
8,215,371 B2 7/2012 Batchelder
8,222,908 B2 7/2012 Paul et al.
8,226,395 B2 7/2012 Pax et al.
8,252,223 B2 8/2012 Medina et al.
8,282,380 B2 10/2012 Pax et al.
8,285,411 B2 10/2012 Hull et al.
8,287,794 B2 10/2012 Pax et al.
8,287,959 B2 10/2012 Batchelder
D677,723 S * 3/2013 Buel et al. D18/59
8,414,280 B2 4/2013 Pettis
8,425,218 B2 4/2013 Pettis
D681,548 S * 5/2013 Zhang et al. D13/102
8,465,689 B2 6/2013 Sperry et al.
8,469,692 B2 6/2013 Kritchman et al.
D688,741 S 8/2013 Joyce
8,512,024 B2 8/2013 Pax
8,521,320 B2 8/2013 Silverbrook
8,529,240 B2 9/2013 Mayer
8,562,324 B2 10/2013 Pettis
8,609,204 B2 12/2013 Kritchman
8,636,494 B2 1/2014 Gothait et al.
D698,869 S * 2/2014 Strzelewicz et al. D21/499
8,642,692 B1 2/2014 Stockwell et al.
8,647,098 B2 2/2014 Swanson et al.
8,647,102 B2 2/2014 Swanson et al.
8,668,859 B2 3/2014 Pettis
D705,643 S 5/2014 Siboni et al.
8,718,522 B2 5/2014 Chillscyzn et al.
8,747,097 B2 6/2014 Pettis
D711,463 S * 8/2014 Costabeber D18/50
D722,108 S 2/2015 Reches et al.
D729,309 S * 5/2015 Jun et al. D18/50
D730,979 S * 6/2015 Anantha et al. D18/50
D732,587 S * 6/2015 Hsu et al. D15/122
D732,588 S * 6/2015 Lin et al. D15/122
D733,196 S * 6/2015 Wolf et al. D15/122
D734,814 S * 7/2015 Yeh et al. D18/50

D736,838 S * 8/2015 Costabeber D15/122
D737,345 S * 8/2015 Anantha et al. D15/122
D737,346 S * 8/2015 Anantha et al. D15/122
D739,885 S * 9/2015 Lee et al. D15/122
D740,863 S * 10/2015 Kemperle et al. D15/122
D745,069 S * 12/2015 Kemperle et al. D15/122
D745,903 S * 12/2015 Armani D15/122
2012/0018924 A1 1/2012 Swanson et al.
2013/0241102 A1 9/2013 Rodgers et al.
2013/0327917 A1 12/2013 Steiner et al.
2013/0329257 A1 12/2013 Pettis et al.
2013/0329258 A1 12/2013 Pettis et al.
2014/0034214 A1 2/2014 Boyer et al.
2014/0035182 A1 2/2014 Boyer et al.
2014/0036034 A1 2/2014 Boyer et al.
2014/0039659 A1 2/2014 Boyer et al.
2014/0039662 A1 2/2014 Boyer et al.
2014/0039663 A1 2/2014 Boyer et al.
2014/0042657 A1 2/2014 Mulliken
2014/0042670 A1 2/2014 Pettis et al.
2014/0043630 A1 * 2/2014 Buser et al. 358/1.13
2014/0044822 A1 2/2014 Mulliken
2014/0046473 A1 2/2014 Boynton et al.
2014/0048970 A1 2/2014 Batchelder et al.
2014/0070445 A1 3/2014 Mayer
2014/0070461 A1 3/2014 Pax
2014/0074274 A1 3/2014 Douglas et al.
2014/0117575 A1 5/2014 Kemperle et al.
2014/0117585 A1 5/2014 Douglas et al.
2014/0120196 A1 5/2014 Schmehl
2014/0121813 A1 5/2014 Schmehl
2014/0129020 A1 5/2014 Kroner et al.
2014/0129021 A1 5/2014 Boynton et al.
2014/0129022 A1 5/2014 Briscella et al.

OTHER PUBLICATIONS

International Search Report and Written Opinion dated Jan. 14, 2015
issued in PCT/US2014/060762, filed Oct. 15, 2014, 9 pages.

* cited by examiner

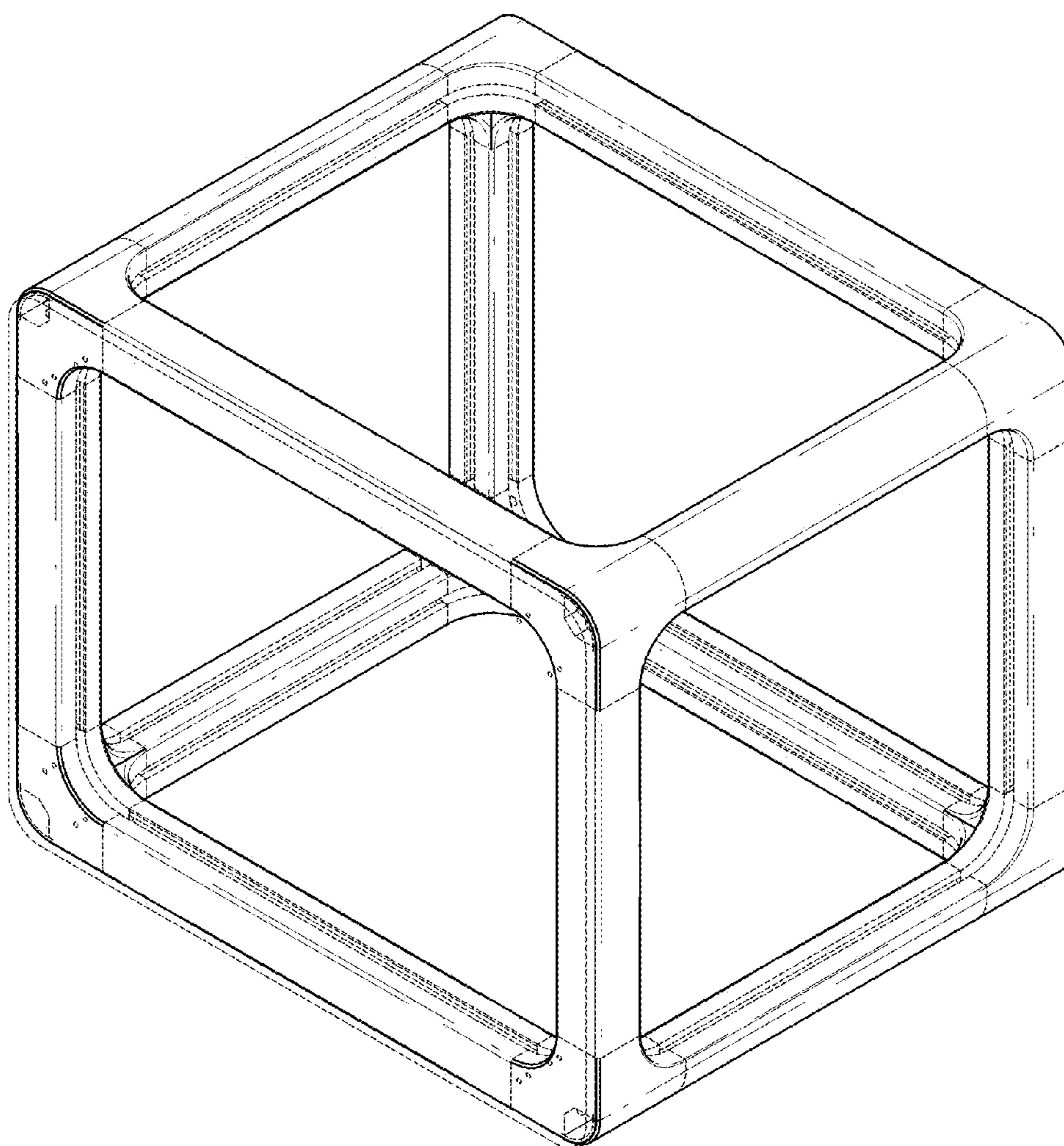


FIG. 1

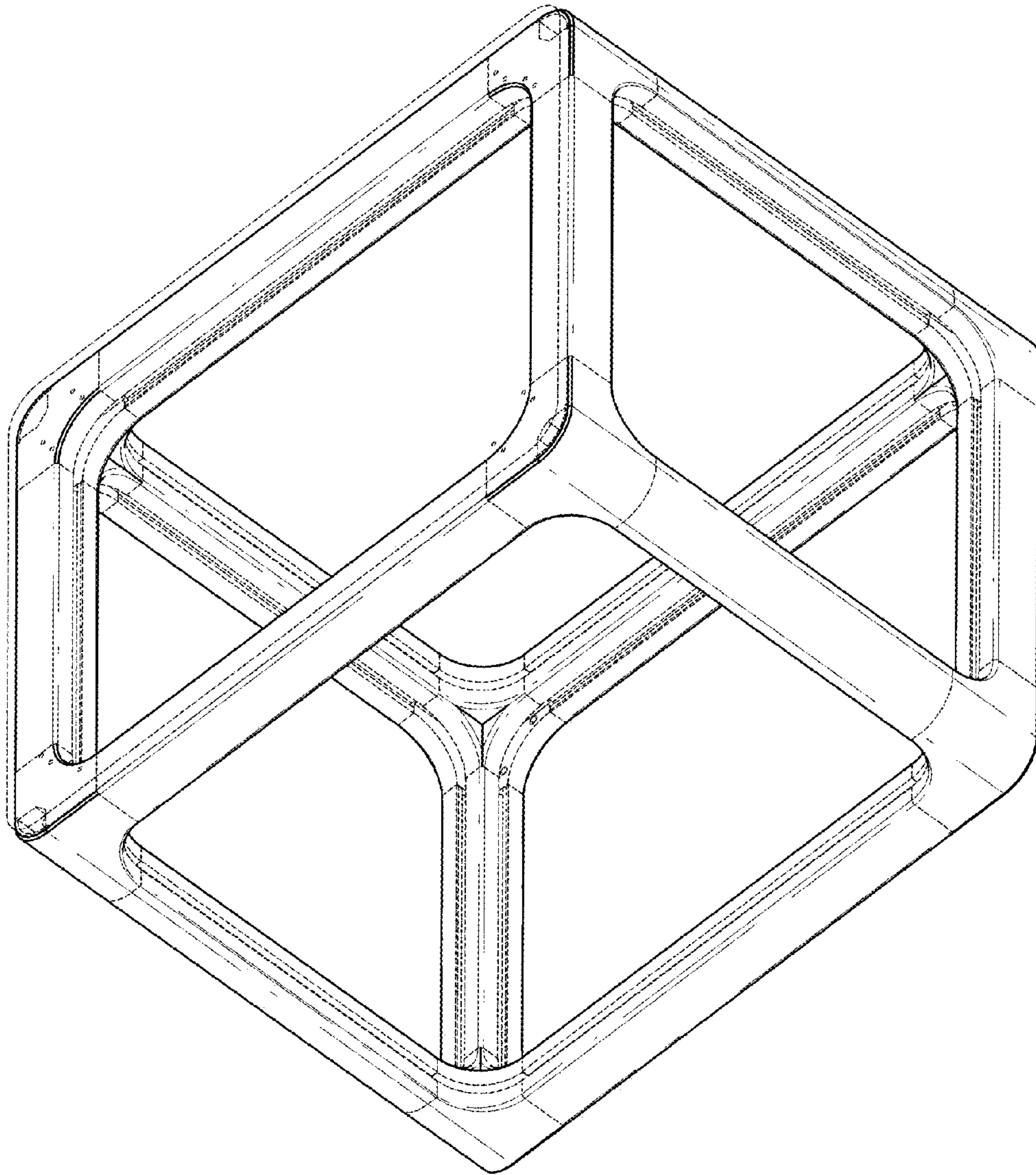


FIG. 2

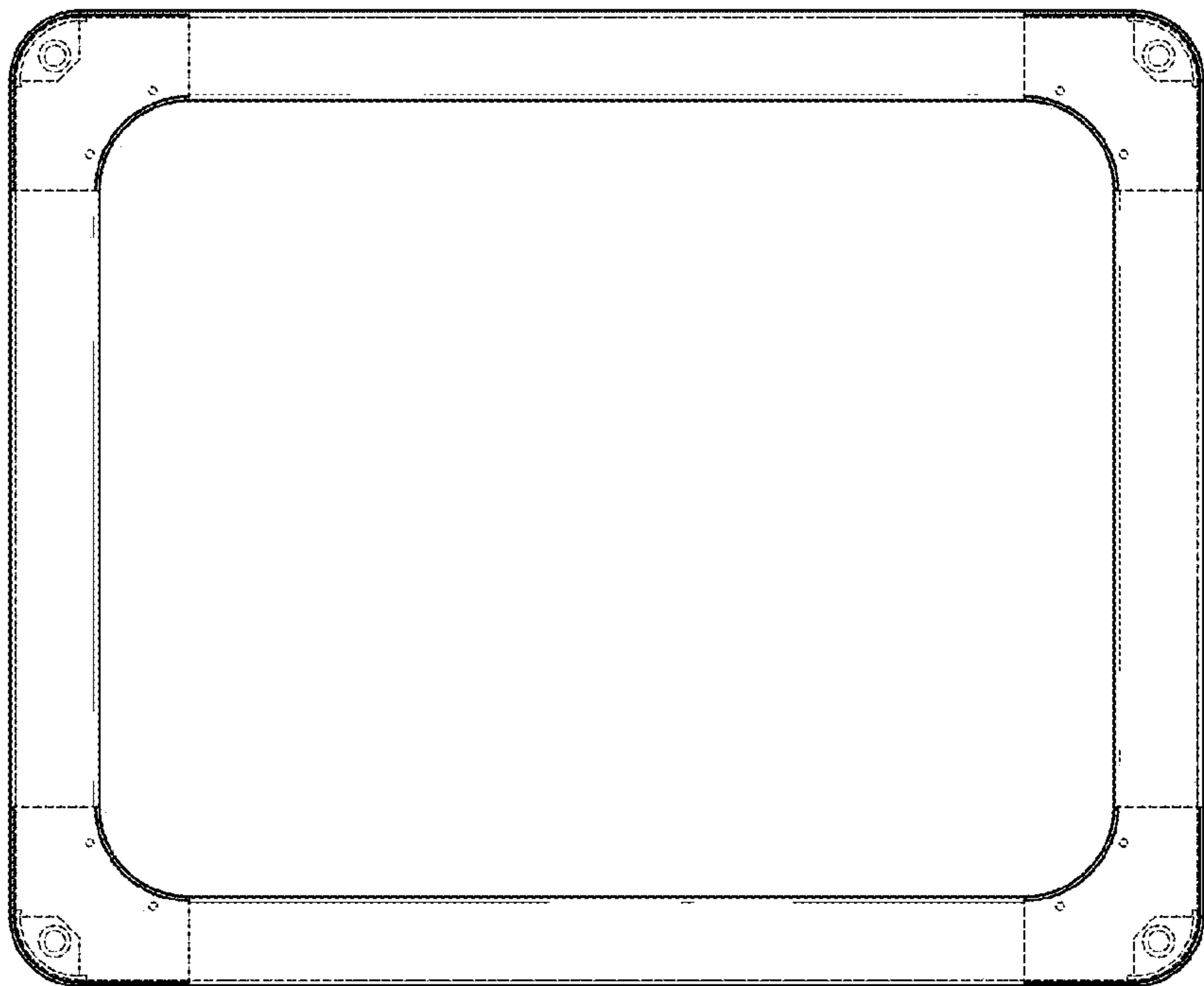


FIG. 3

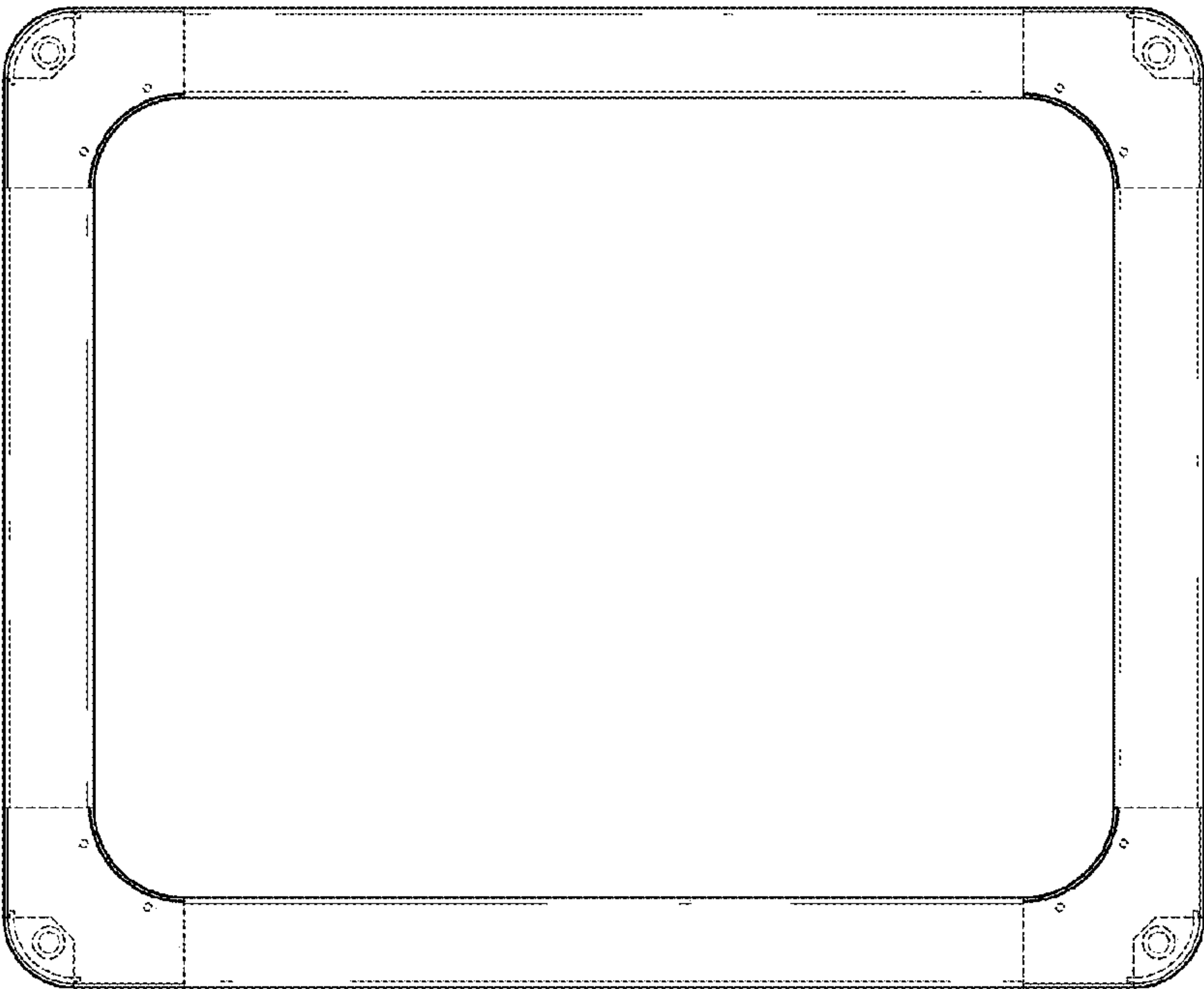


FIG. 4

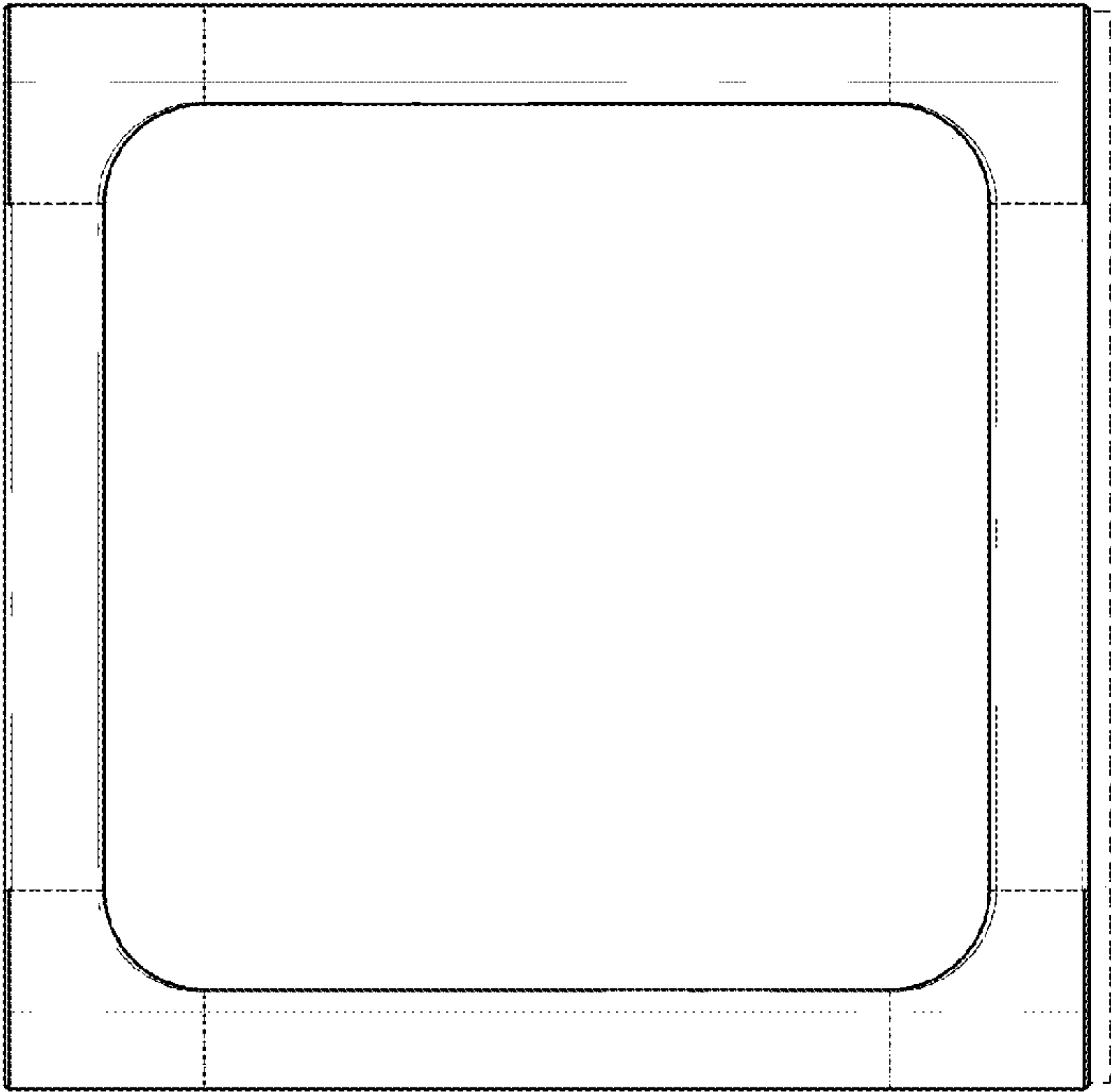


FIG. 5

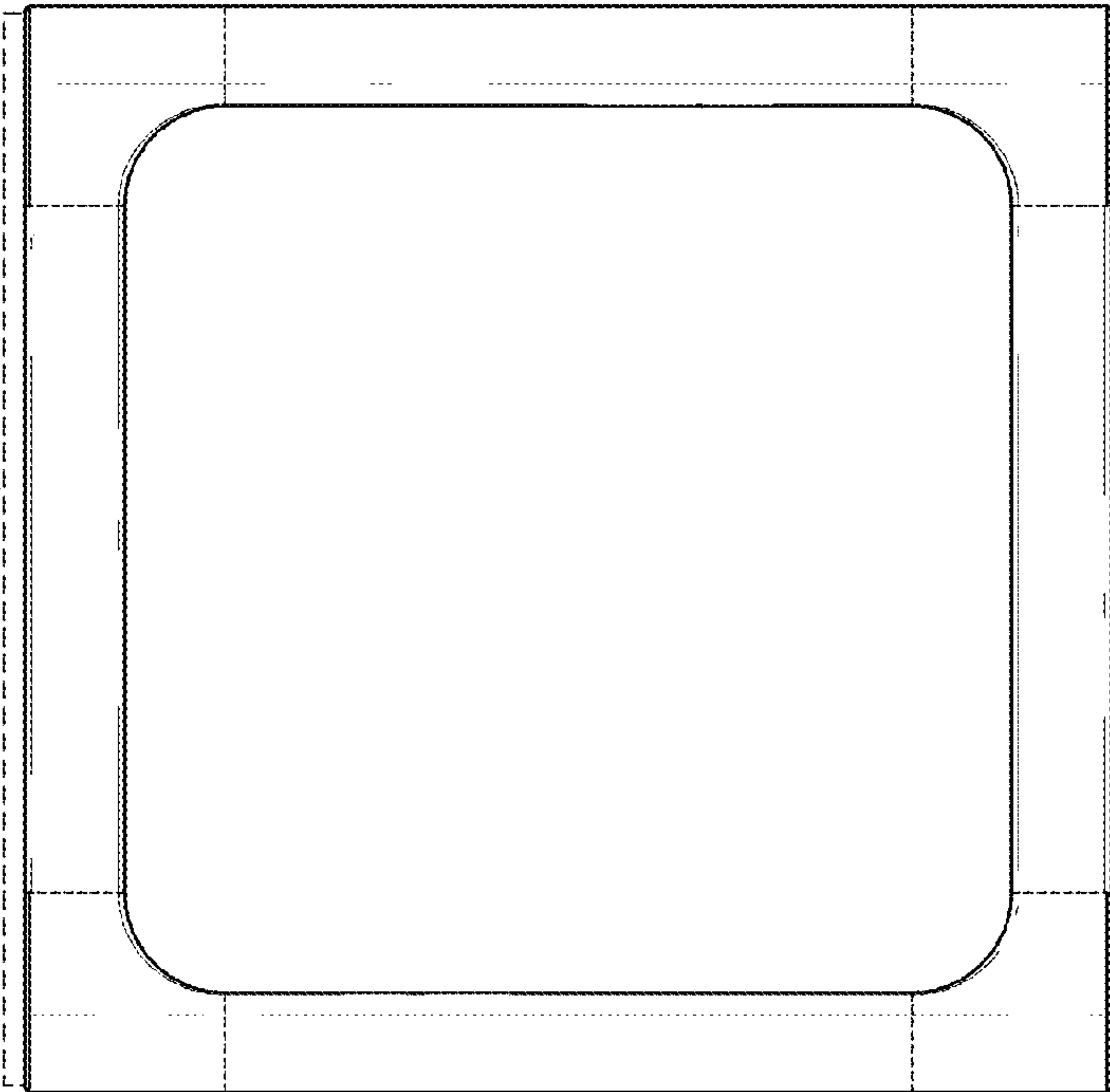


FIG. 6

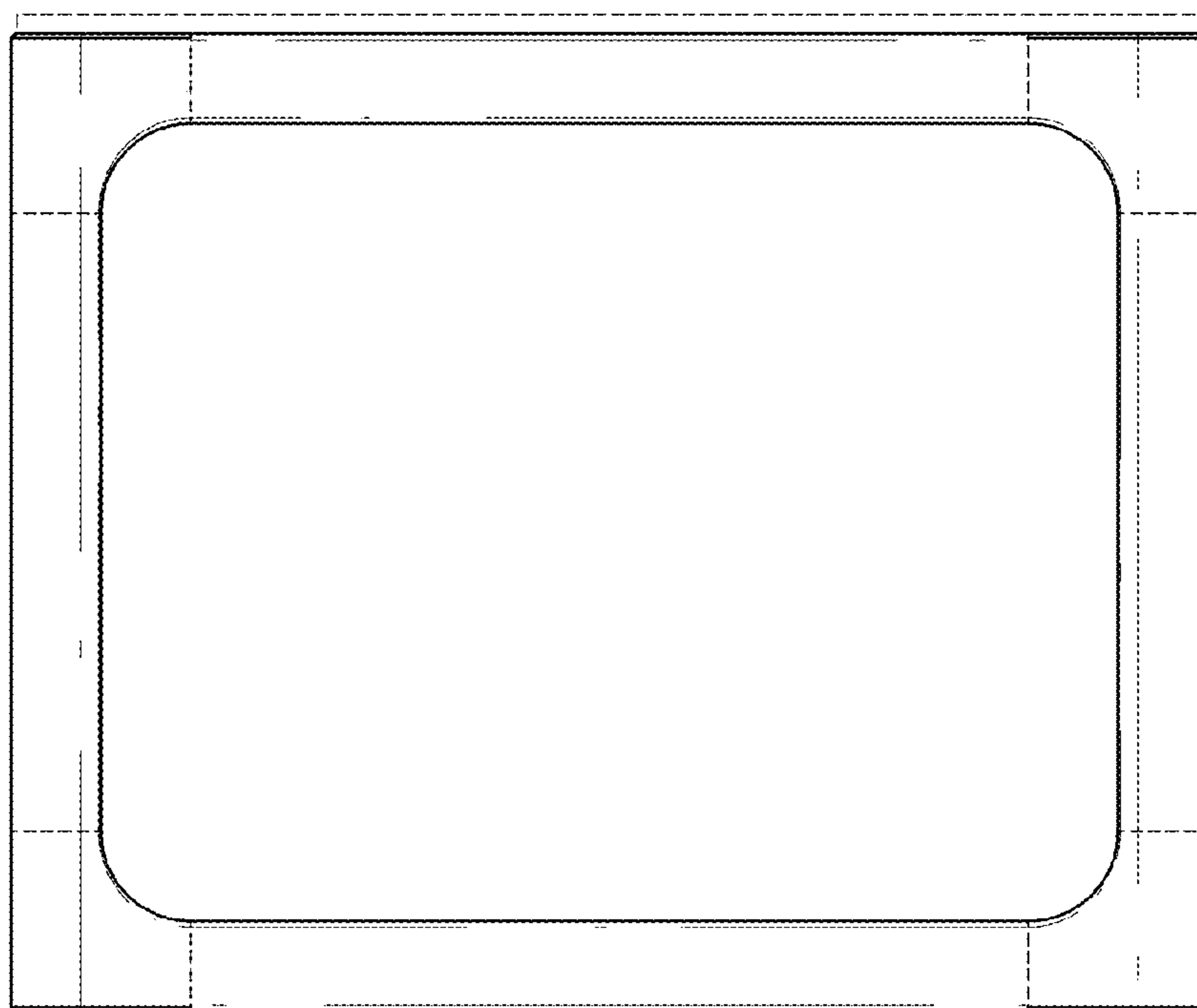


FIG. 7

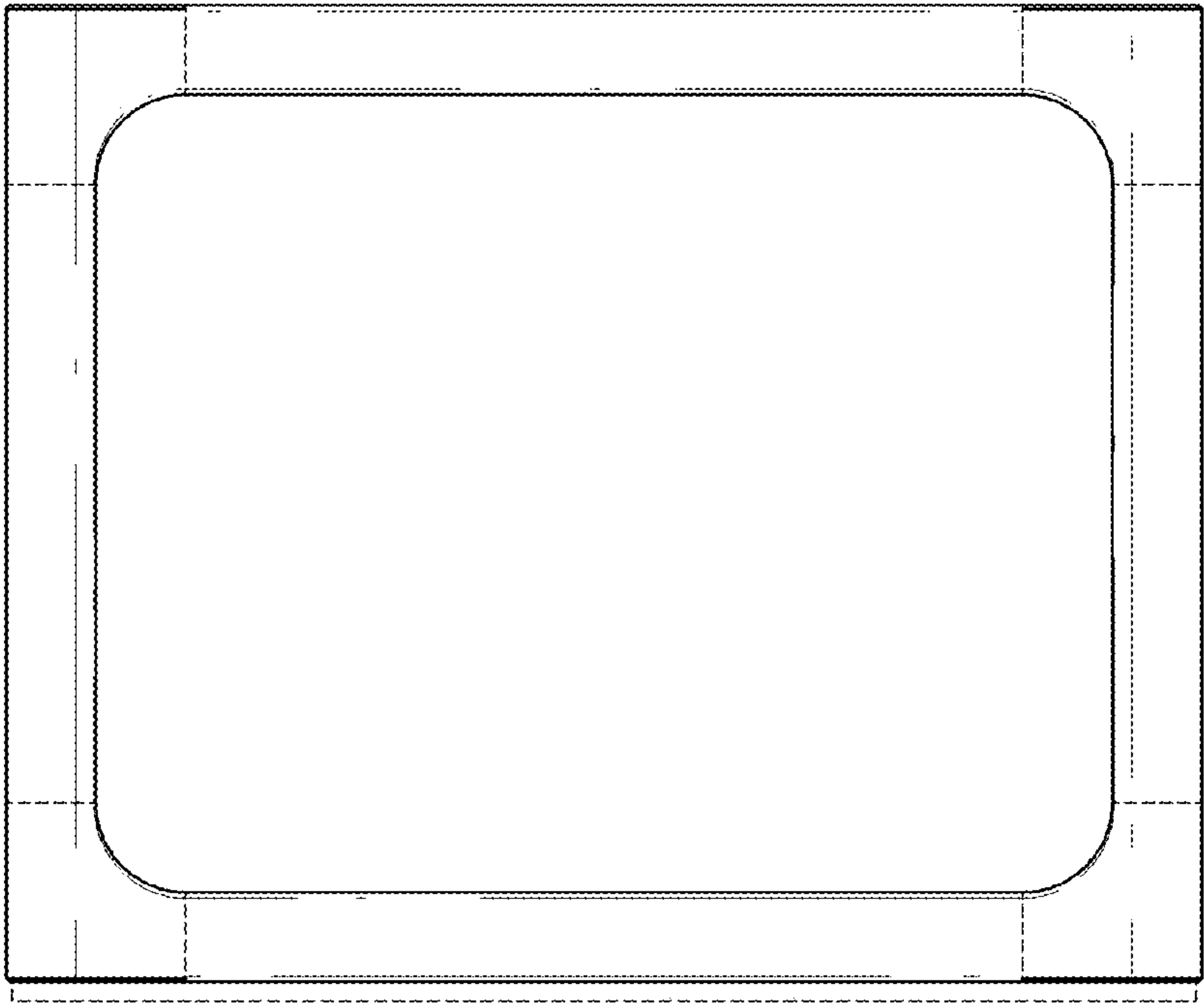


FIG. 8