



US00D748981S

(12) **United States Design Patent**
Vollers et al.

(10) **Patent No.:** **US D748,981 S**
(45) **Date of Patent:** **** Feb. 9, 2016**

(54) **MULTI-FUNCTIONAL CAP**

(71) Applicant: **Vilma da Silva Araujo Baptista**, Rio de Janeiro (BR)

(72) Inventors: **Claudio Patrick Vollers**, Rio de Janeiro (BR); **Henry J. Suzuki**, Sao Paulo (BR)

(73) Assignee: **Vilma da Silva Araujo Baptista**, Rio de Janeiro (BR)

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

(21) Appl. No.: **29/467,577**

(22) Filed: **Sep. 20, 2013**

(51) **LOC (10) Cl.** **09-07**

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

USPC **D9/436; D9/443**

(58) **Field of Classification Search**

USPC D9/414, 432, 434, 435, 441, 443, 445, D9/449, 450, 452, 453, 454, 636, 640; D21/484, 500; 446/75, 76, 77, 118; D3/270, 271; 273/156, 160; 206/457, 206/511; 220/270-276; 215/209, 217-223, 215/228

CPC A63H 33/086; B65D 81/36; B65D 81/365

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,487,579 A * 1/1970 Brettingen 446/128
3,597,875 A 8/1971 Christiansen

(Continued)

FOREIGN PATENT DOCUMENTS

BR 7002428 U 2/1991
BR 7002429 U 2/1991

(Continued)

OTHER PUBLICATIONS

Design U.S. Appl. No. 29/467,545, filed Sep. 20, 2013, Inventor Claudio P. Vollers.

Primary Examiner — Robert M Spear

(74) *Attorney, Agent, or Firm* — Carter, DeLuca, Farrell & Schmidt, LLP

(57) **CLAIM**

The ornamental design for multi-functional cap, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a multi-functional cap in accordance with the present design;

FIG. 2 is a front elevational view thereof, the rear, right and left side elevational views being identical to the front elevational view;

FIG. 3 is a top plan view thereof;

FIG. 4 is a bottom plan view thereof;

FIG. 5 is a bottom perspective view thereof;

FIG. 6 is a front perspective view of a second embodiment in accordance with the present design;

FIG. 7 is a front elevational view thereof, the rear, right and left side elevational views being identical to the front elevational view;

FIG. 8 is a top plan view thereof;

FIG. 9 is a bottom plan view thereof;

FIG. 10 is a bottom perspective view thereof;

FIG. 11 is a front perspective view of a third embodiment in accordance with the present design;

FIG. 12 is a front elevational view of the third embodiment illustrated in FIG. 11, the rear, right and left side elevational views being identical to the front elevational view;

FIG. 13 is a top plan view of the third embodiment illustrated in FIG. 11;

FIG. 14 is a bottom plan view of the third embodiment illustrated in FIG. 11;

FIG. 15 is a bottom perspective view of the third embodiment illustrated in FIG. 11;

FIG. 16 is a front perspective view of a fourth embodiment in accordance with the present design;

FIG. 17 is a front elevational view of the design illustrated in FIG. 16, the rear, right and left side elevational views being identical to the front elevational view;

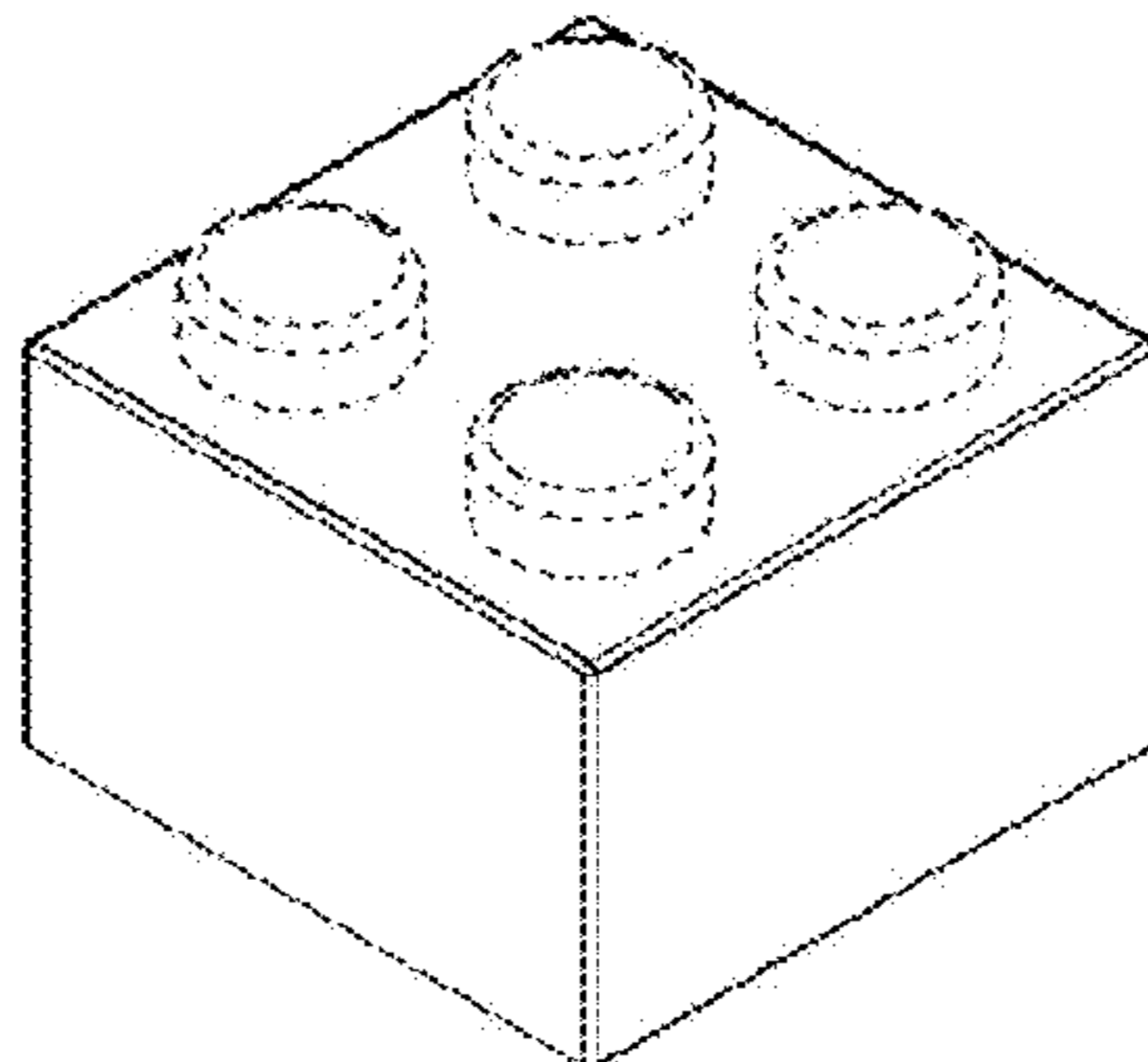
FIG. 18 is a top plan view of the design illustrated in FIG. 16;

FIG. 19 is a bottom plan view of the design illustrated in FIG. 16; and,

FIG. 20 is a bottom perspective view of the design illustrated in FIG. 16.

The broken lines shown are included for the purpose of illustrating portions of the multi-functional cap that form no part of the claimed design.

1 Claim, 4 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

3,713,247	A	1/1973	Parrilla	
4,202,456	A	5/1980	Silber	
4,964,833	A	10/1990	Suzuki	
5,361,919	A	11/1994	Hull et al.	
D397,938	S *	9/1998	Graham et al.	D9/454
6,029,974	A *	2/2000	Povitz	273/157 R
6,050,044	A *	4/2000	McIntosh	52/591.1
6,086,444	A *	7/2000	Glickman	446/124
6,296,541	B1 *	10/2001	Bezalel et al.	446/105
D469,693	S *	2/2003	Weiss et al.	D9/452
6,554,676	B1 *	4/2003	Bach	446/116
6,702,642	B1 *	3/2004	Parein	446/105
8,105,128	B1 *	1/2012	Sorensen et al.	446/128
8,187,050	B1	5/2012	Sorensen	
D683,625	S	6/2013	Miranda De Araujo et al.	
2003/0234488	A1 *	12/2003	Povitz	273/156
2008/0311819	A1 *	12/2008	Andersen	446/128
2010/0102020	A1	4/2010	Sebille et al.	
2013/0252504	A1 *	9/2013	Chang et al.	446/124
2014/0051321	A1 *	2/2014	Kelly et al.	446/128
2014/0227937	A1 *	8/2014	Pai-Chen	446/122
2014/0256211	A1 *	9/2014	Cheng	446/125

FOREIGN PATENT DOCUMENTS

BR	7002250	U	5/1992
BR	7002421	U	7/1992
BR	7002423	U	7/1992
BR	7002424	U	7/1992
BR	7002425	U	7/1992

BR	7002426	U	7/1992
BR	7002427	U	7/1992
BR	7002430	U	7/1992
BR	9802607	A	6/2005
BR	302013004810		9/2013
BR	302013004811		9/2013
BR	302013004812		9/2013
CN	202046587	U	11/2011
CN	201230100649		9/2012
CN	201230100653		5/2013
CN	201230375545		5/2013
CN	201230375582		5/2013
CN	201230375583		5/2013
CN	201230375807		5/2013
CN	201230376001		5/2013
DE	2242046	A1	2/1974
DE	8003690	U1	5/1980
EP	2489605	A1	8/2012
GB	2410493	A	8/2005
IL	41948	A	1/1977
RU	106605	U1	7/2011
RU	108024	U1	9/2011
WO	9936332	A1	7/1999
WO	9948582	A1	9/1999
WO	9967151	A1	12/1999
WO	0055063	A1	9/2000
WO	D053490-002		9/2000
WO	D053490-003		9/2000
WO	D053490-004		9/2000
WO	0168210	A2	9/2001
WO	0205918	A1	1/2002
WO	2010023652	A1	3/2010
WO	2011153598	A1	12/2011

* cited by examiner

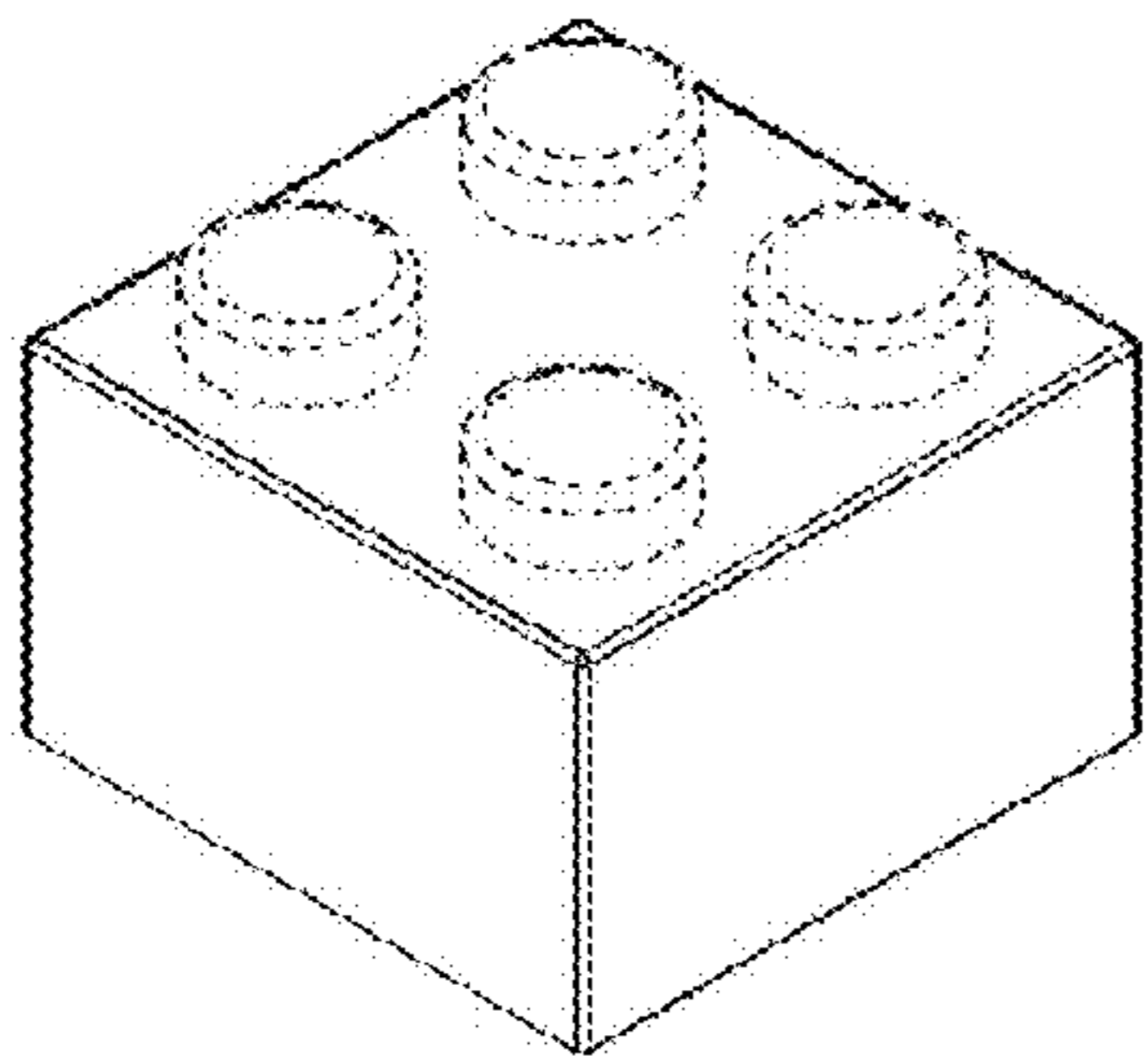


FIG. 1

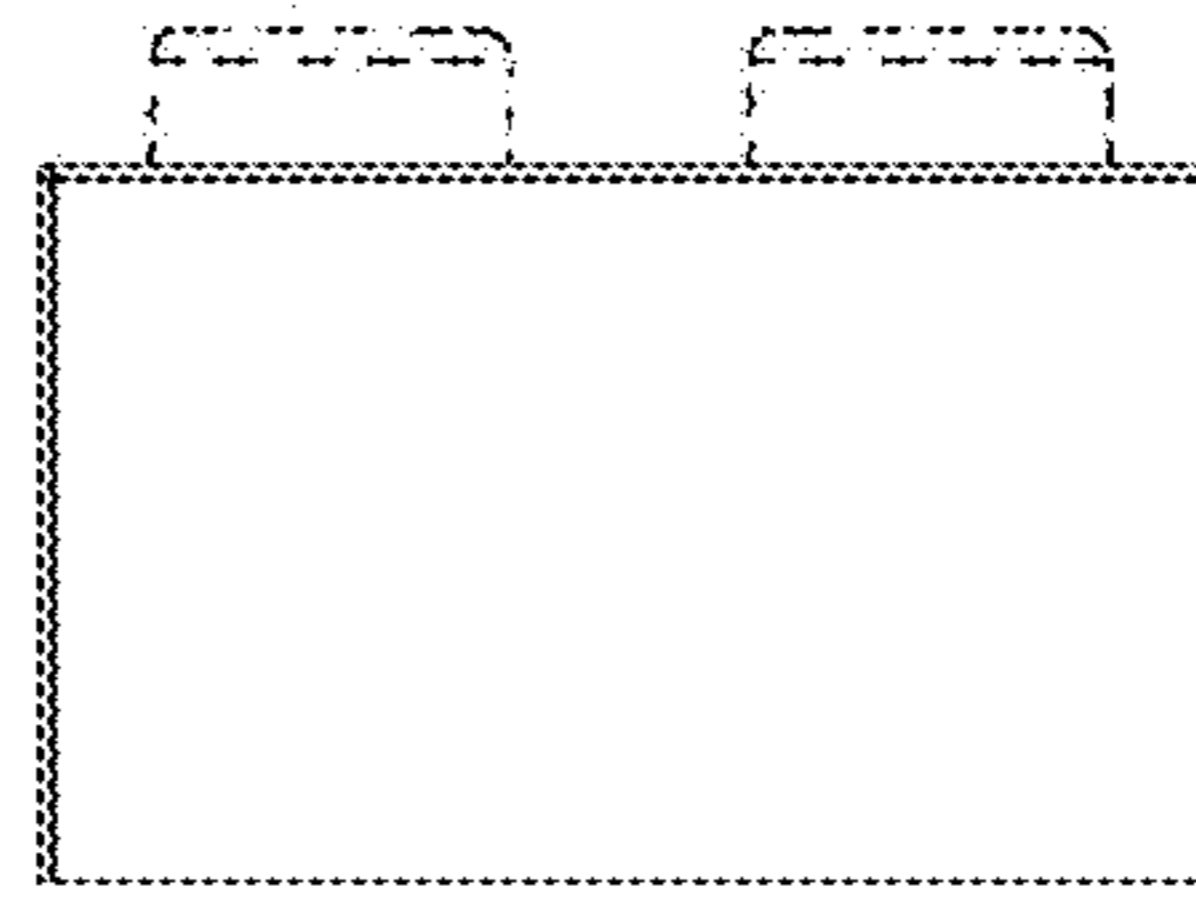


FIG. 2

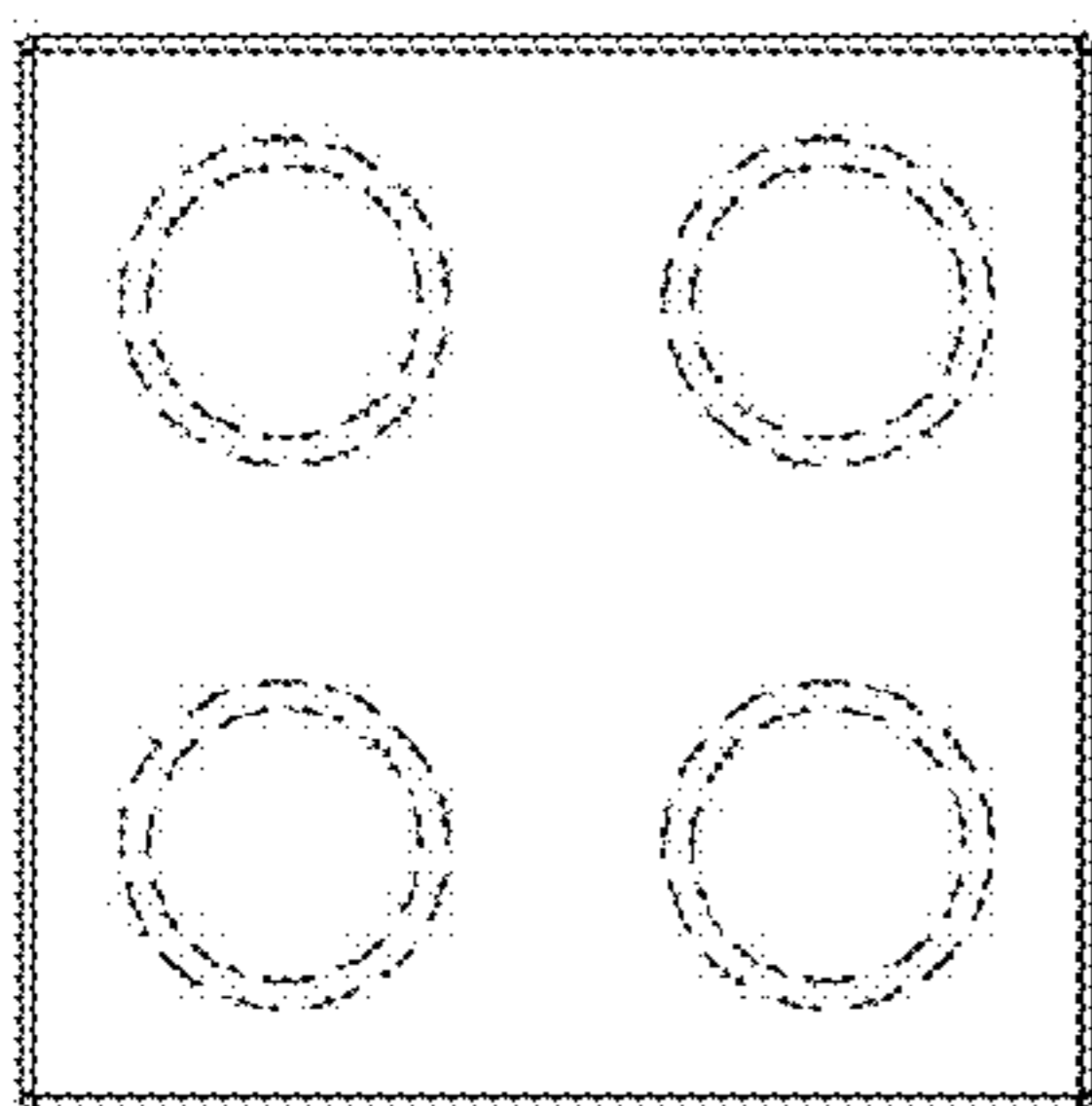


FIG. 3

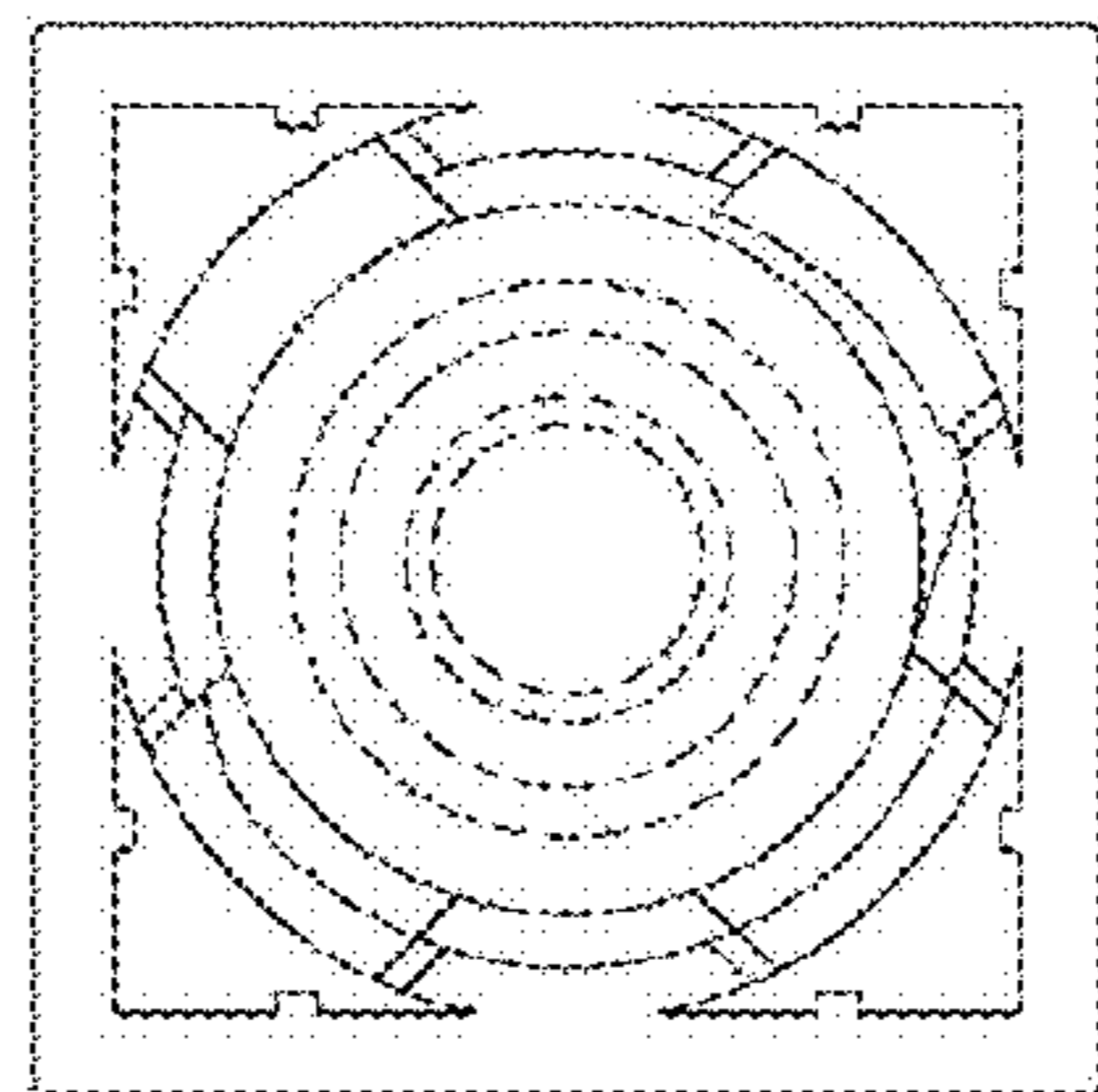


FIG. 4

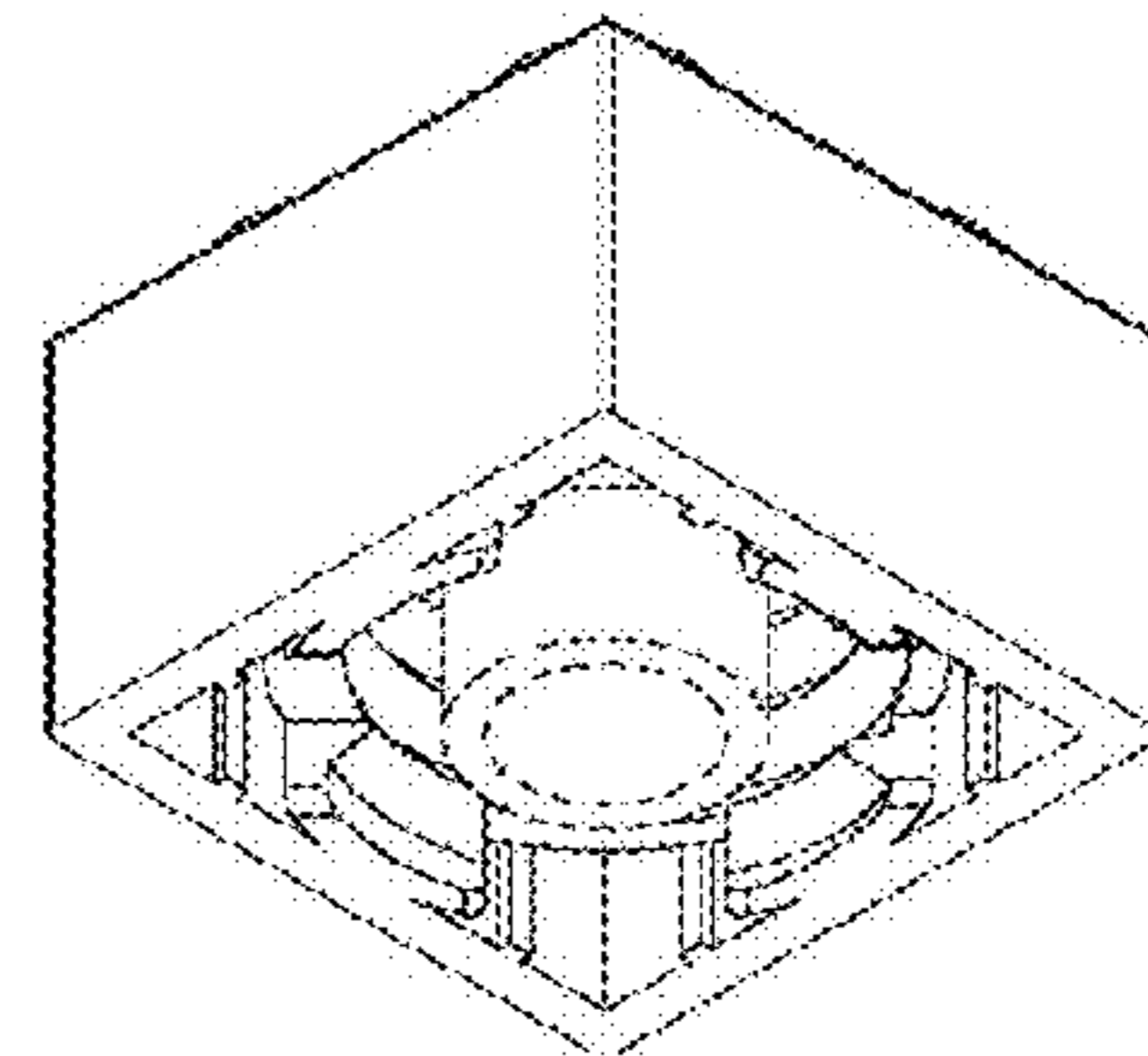


FIG. 5

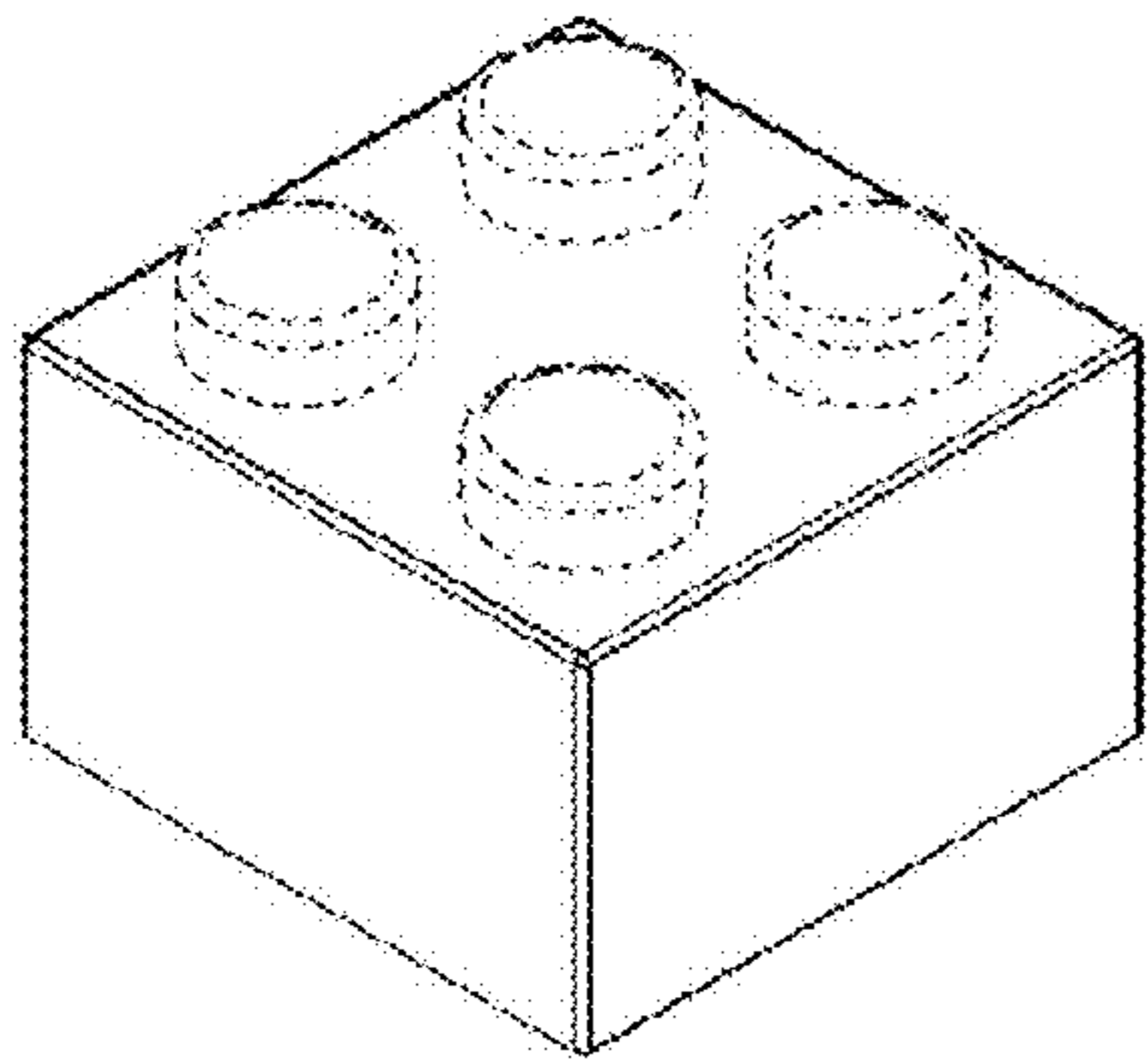


FIG. 6

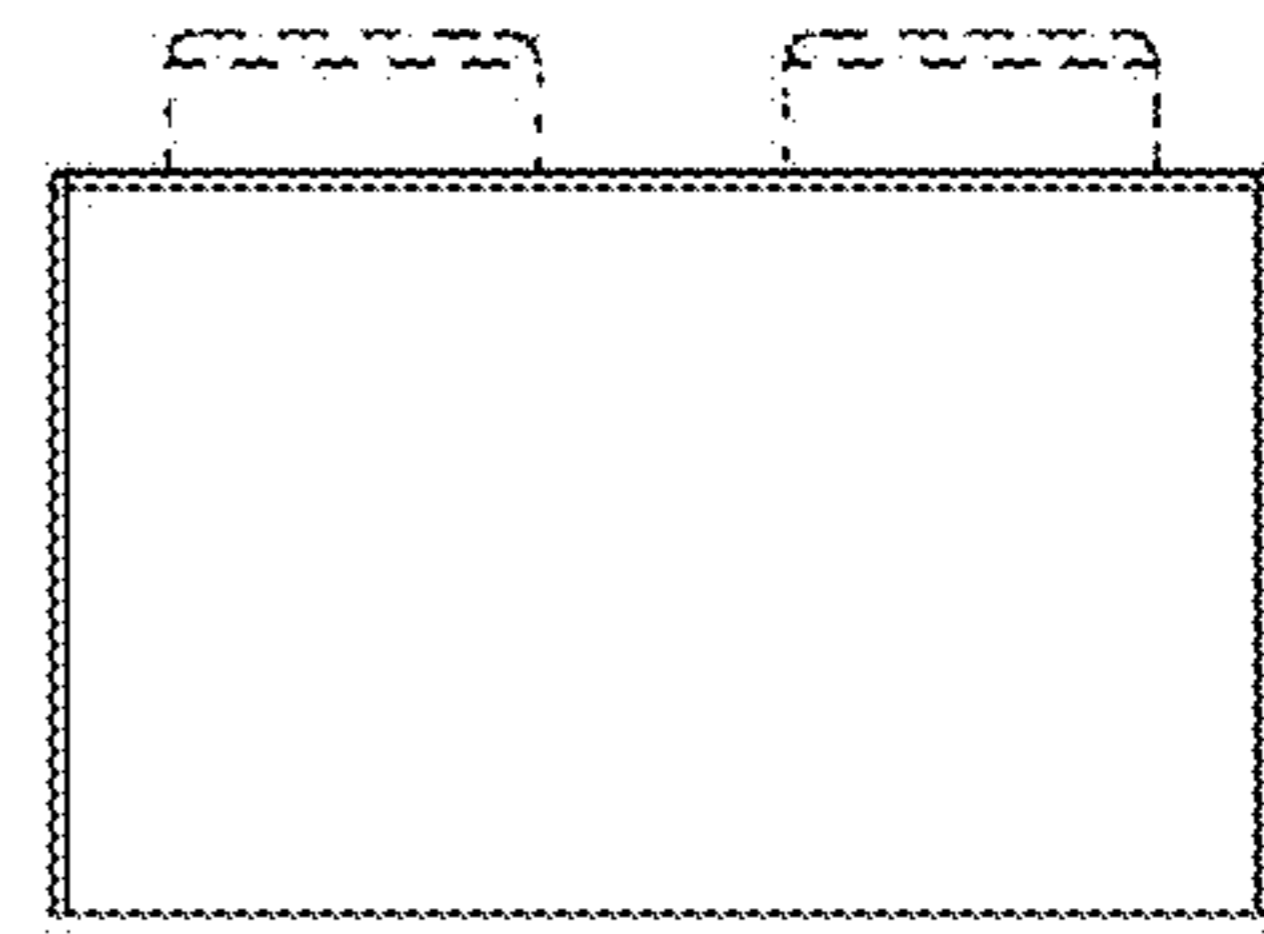


FIG. 7

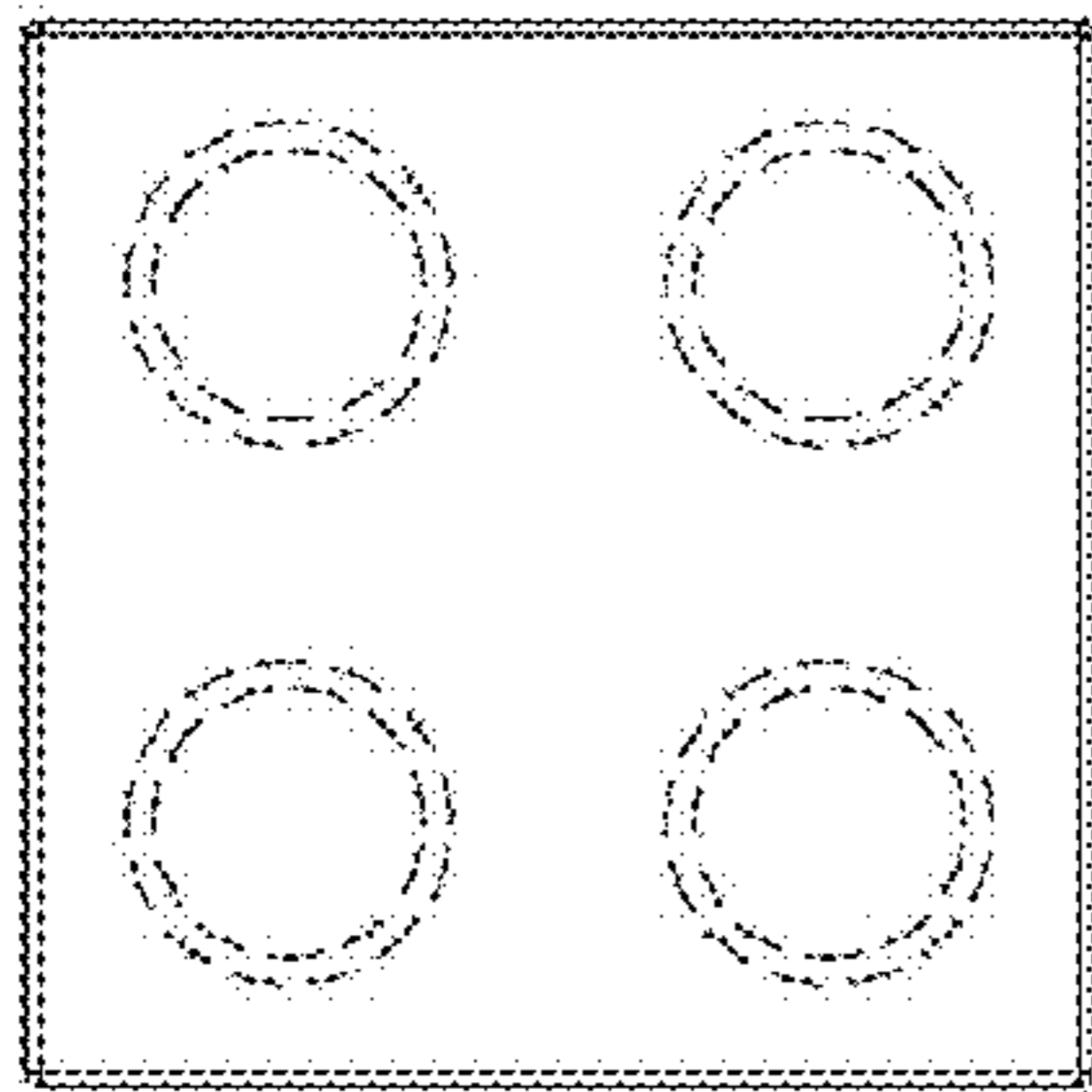


FIG. 8

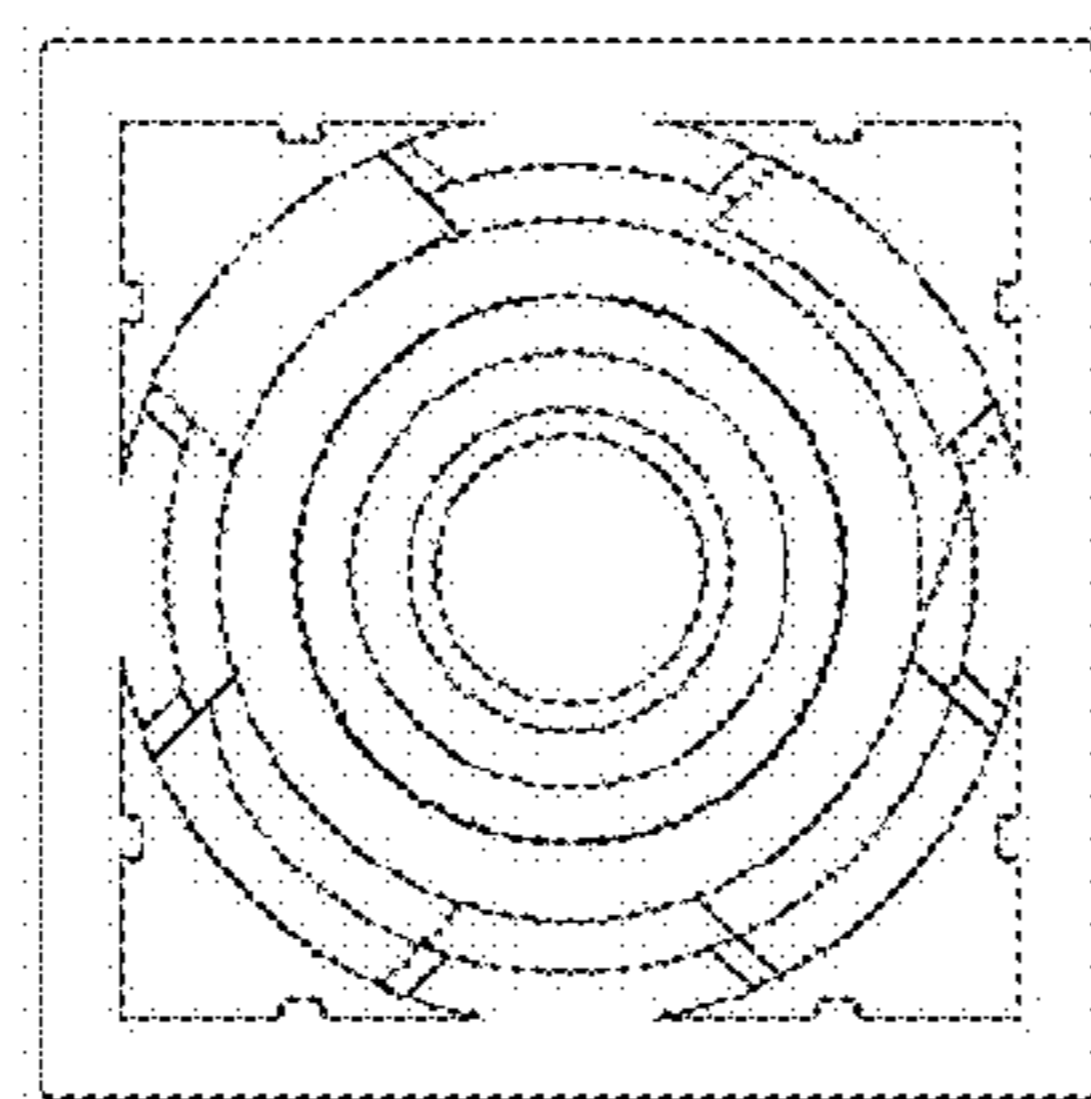


FIG. 9

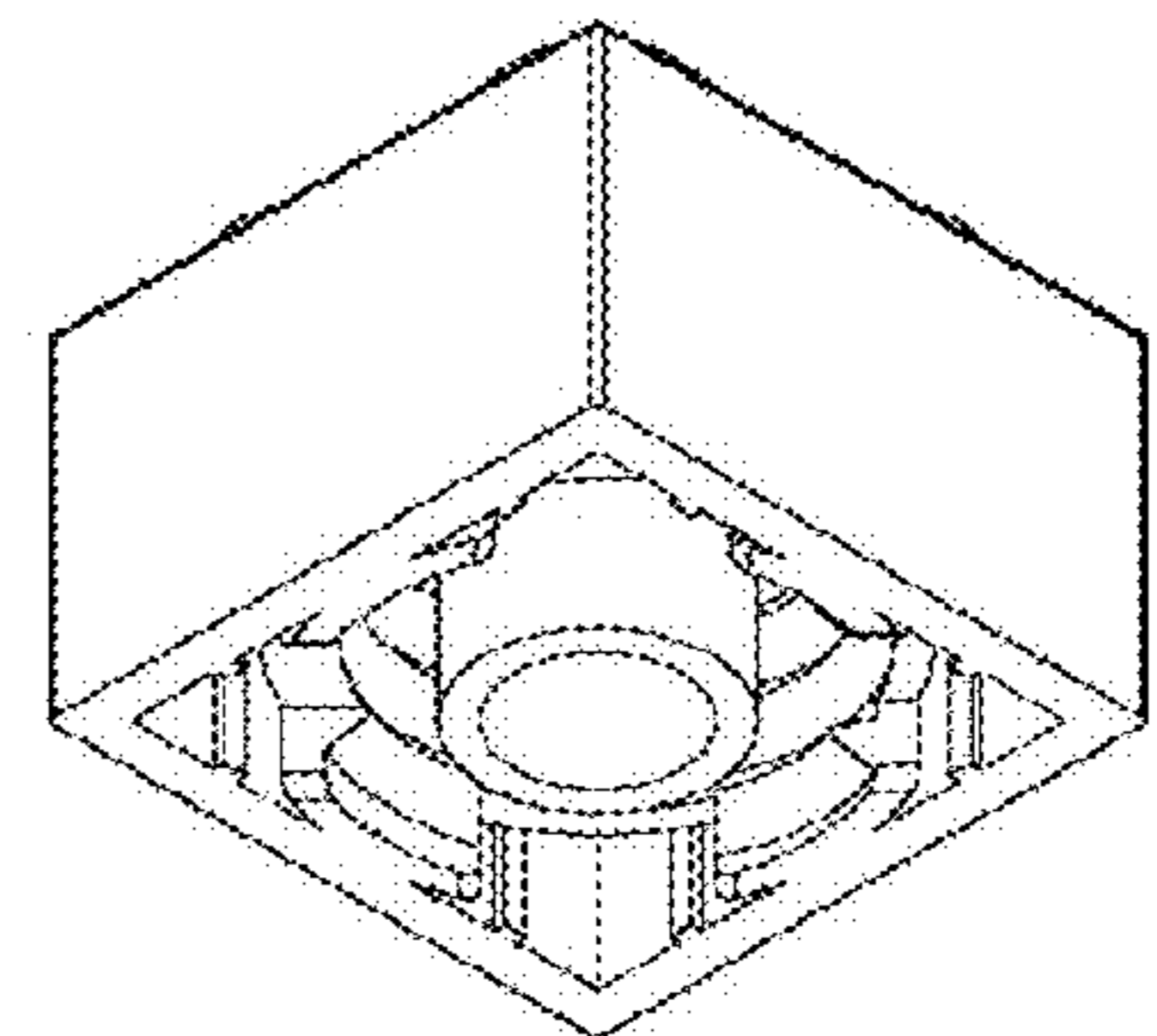


FIG. 10

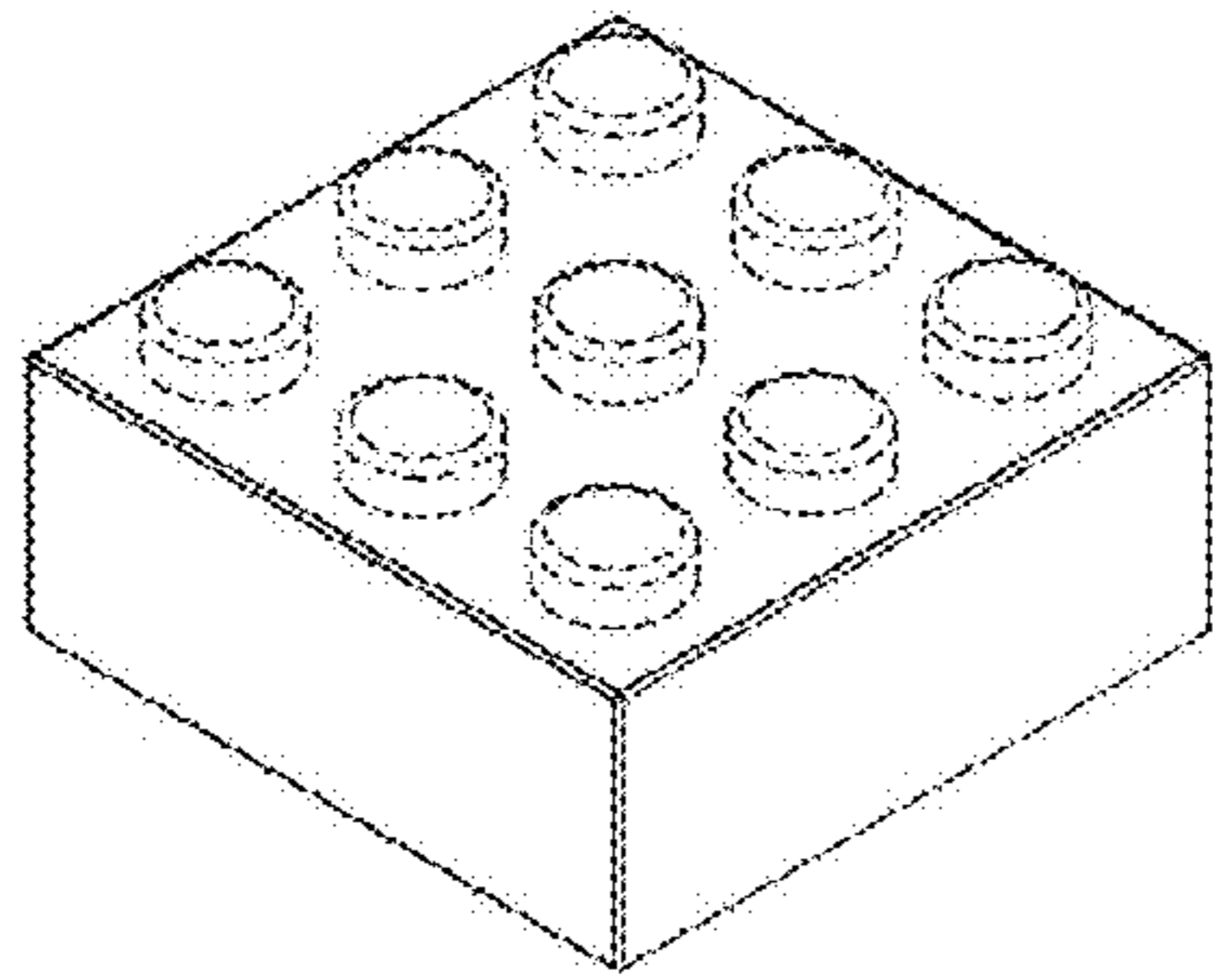


FIG. 11



FIG. 12

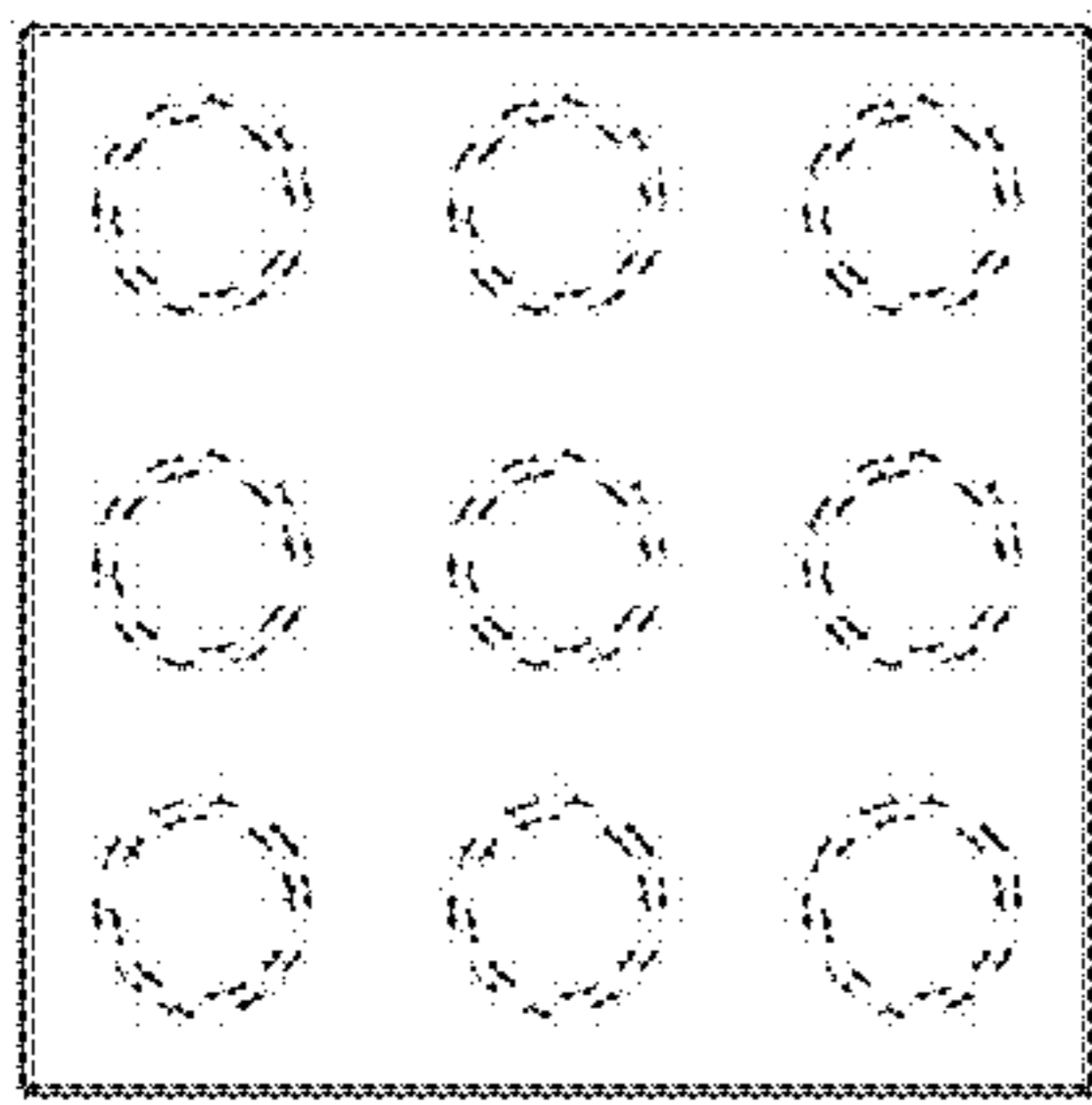


FIG. 13

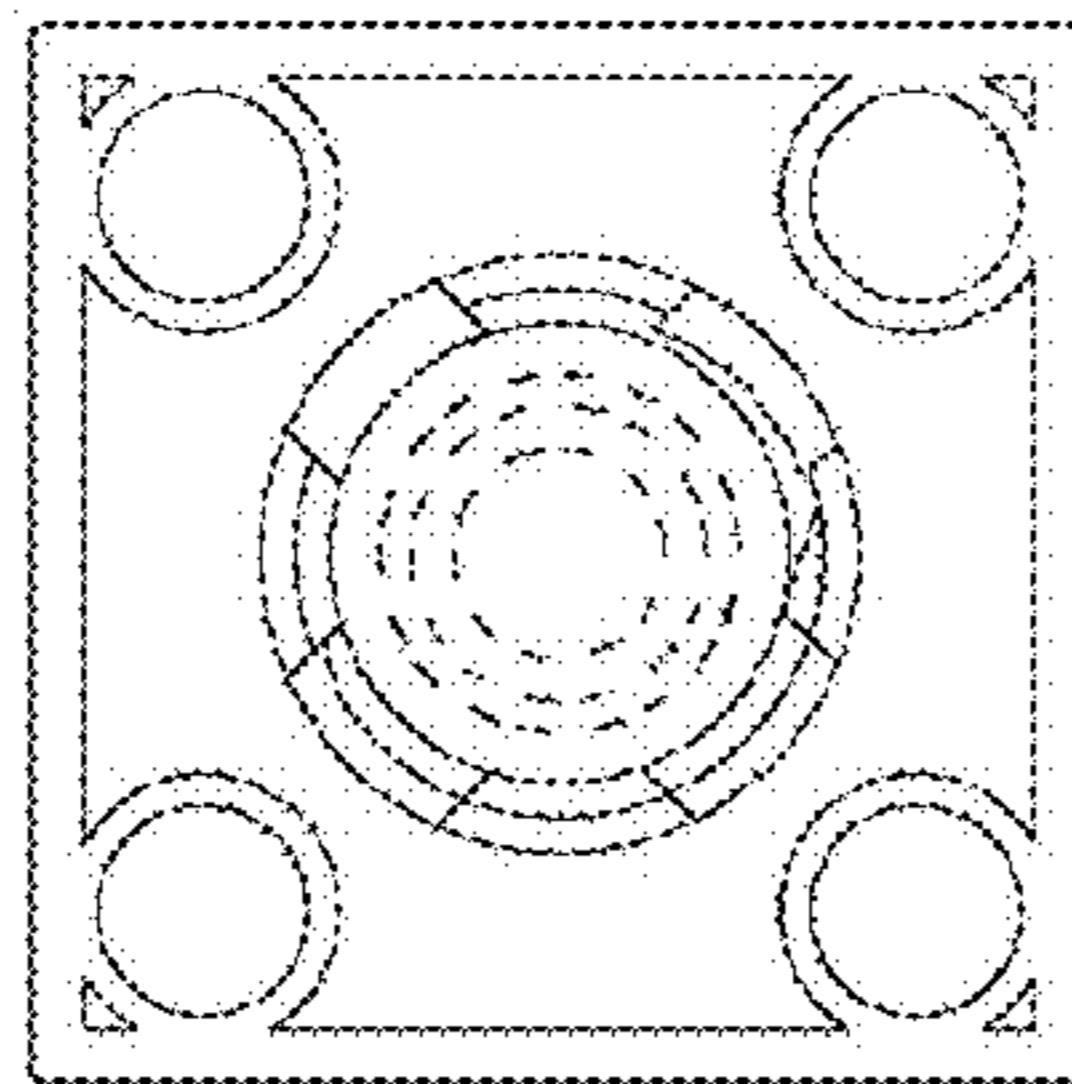


FIG. 14

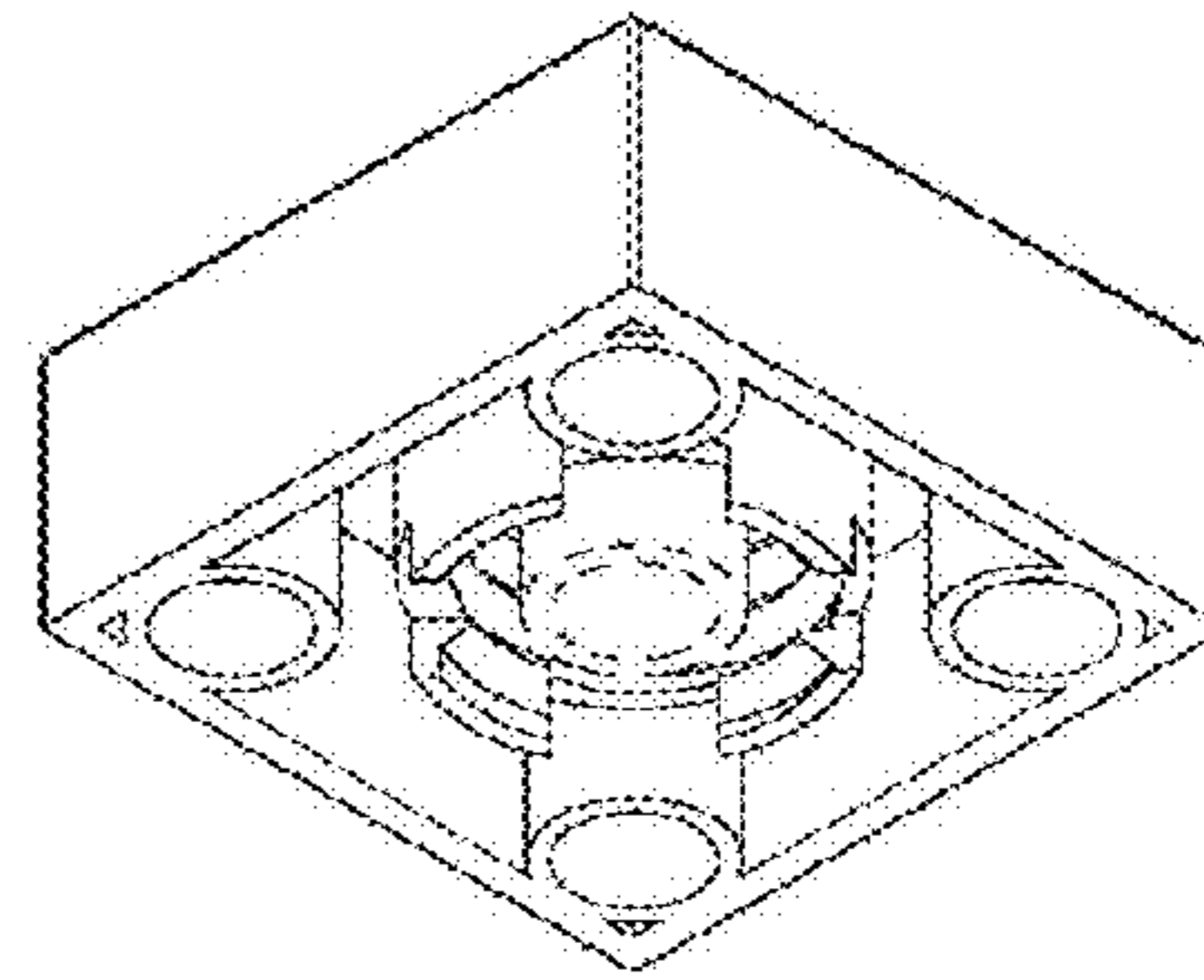


FIG. 15

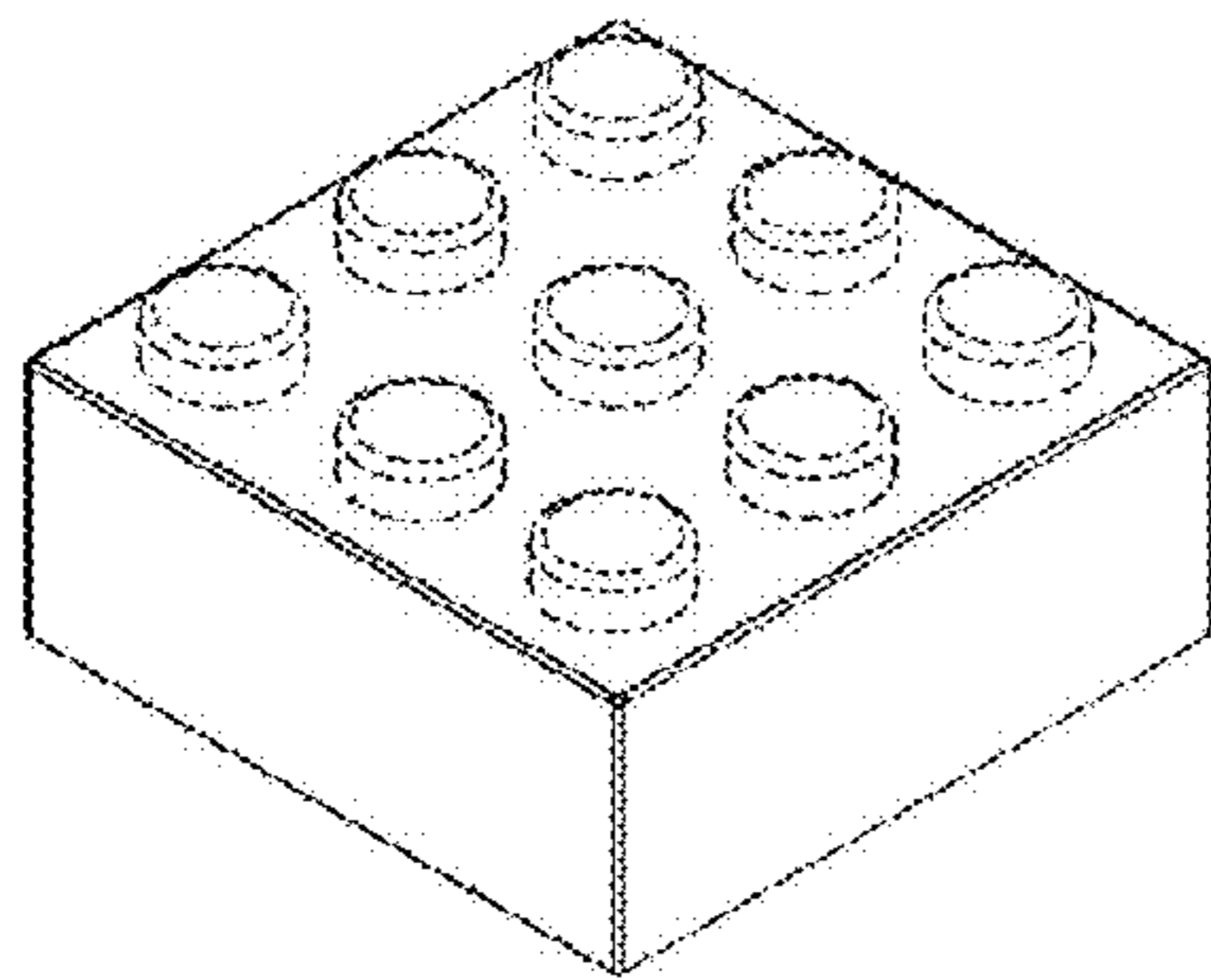


FIG. 16



FIG. 17

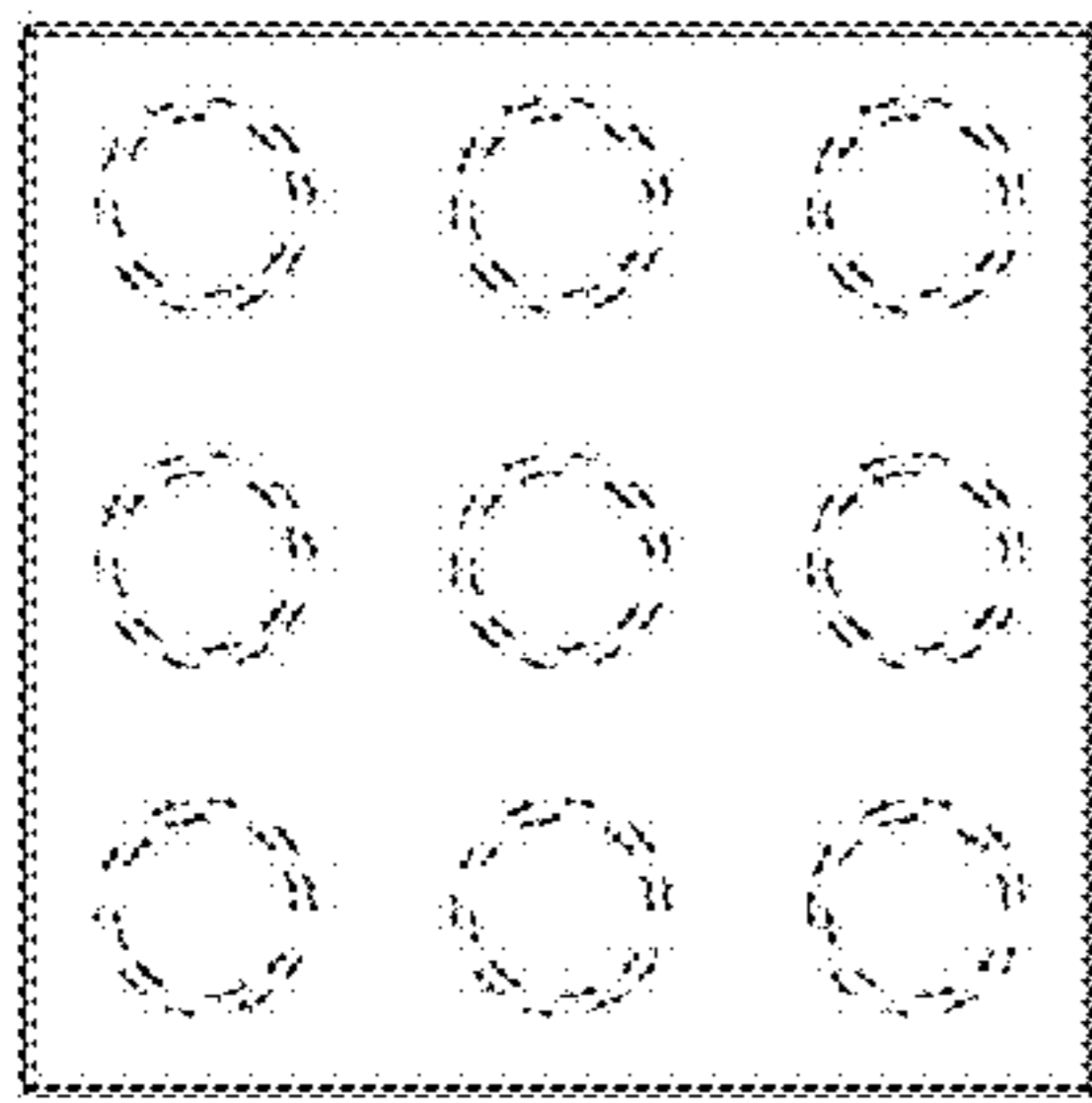


FIG. 18

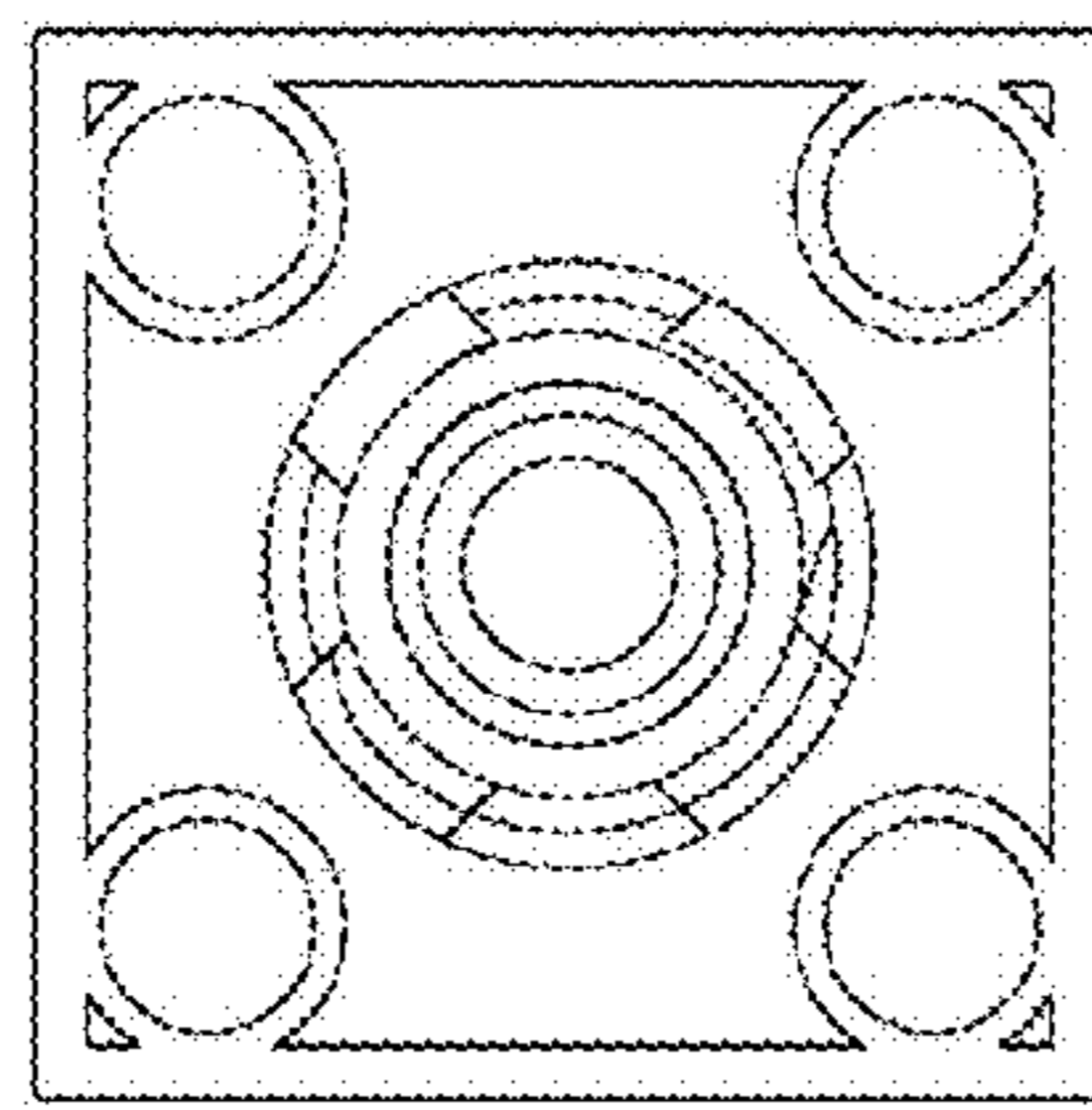


FIG. 19

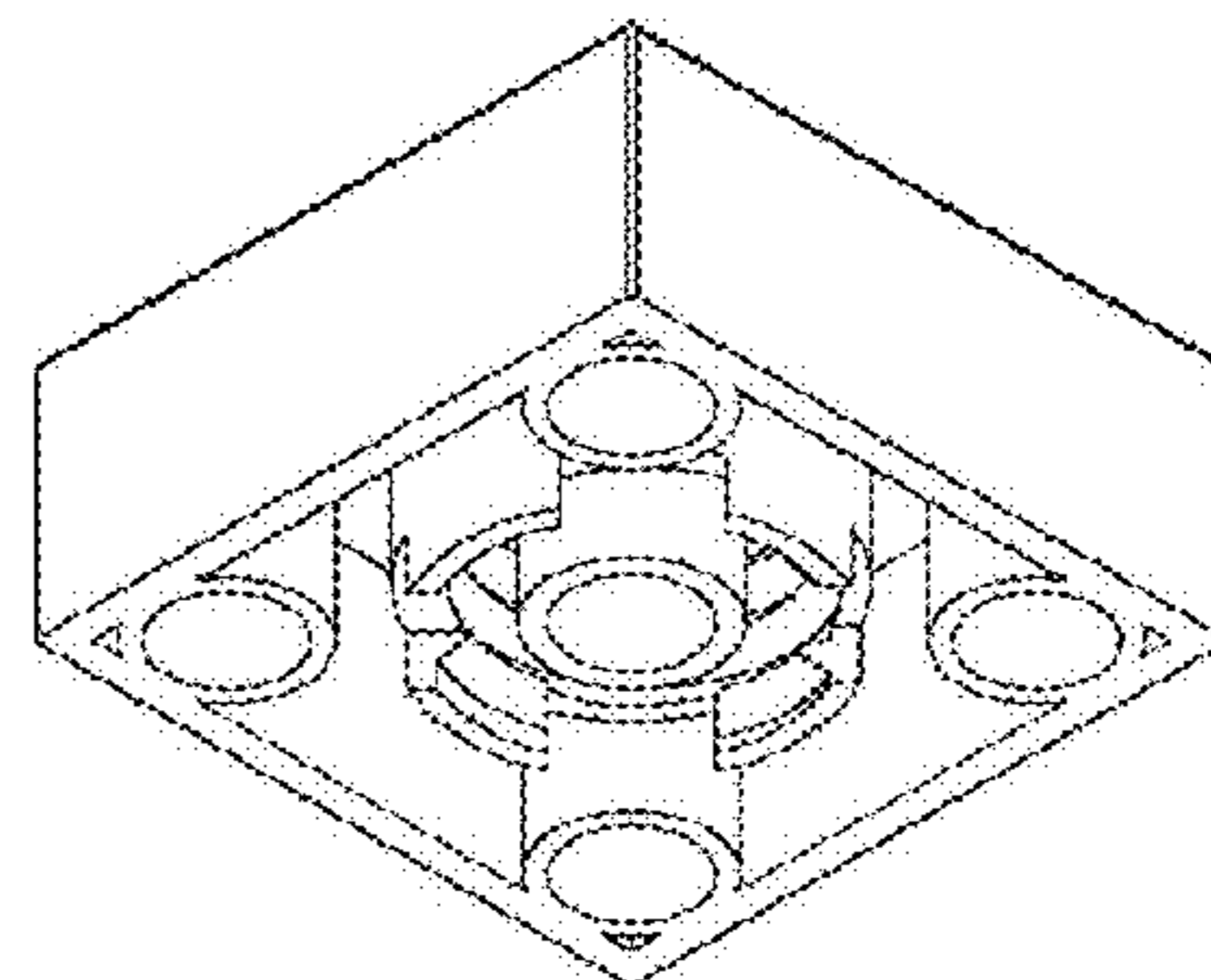


FIG. 20