



US00D924375S

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

(10) **Patent No.:** **US D924,375 S**
(45) **Date of Patent:** **** Jul. 6, 2021**

- (54) **TEE PIPE FITTING**
- (71) Applicant: **Lubrizol Advanced Materials, Inc.**,
Cleveland, OH (US)
- (72) Inventors: **Domenic C. Decaria**, Brecksville, OH
(US); **James A. Michalenko**, Avon
Lake, OH (US); **Andrew J. Midlik**,
Parma, OH (US); **Mark D. Julius**,
Avon, OH (US)
- (73) Assignee: **Lubrizol Advanced Materials, Inc.**,
Cleveland, OH (US)
- (**) Term: **14 Years**
- (21) Appl. No.: **29/517,508**
- (22) Filed: **Feb. 13, 2015**
- (51) **LOC (13) Cl.** **23-01**
- (52) **U.S. Cl.**
USPC **D23/262**
- (58) **Field of Classification Search**
USPC D23/233-237, 249, 259-269, 393, 499;
D24/129; D13/149, 155; D8/356,
D8/382-383, 394, 396-397, 399;
D32/25; 285/133.11; 403/269
CPC F16L 43/001; F16L 19/04; F16L 19/005;
F16L 19/0218; F16L 55/1152; F16L
27/04; F16L 27/073; F16L 25/14; E21B
17/042; B29C 70/345; B29C 70/462;
H01R 4/58; F16N 21/06; F16B 39/24;
F16B 39/26; F16B 37/02; F16B 31/02;
D06F 58/10; A62C 3/00; H01M 6/26
See application file for complete search history.

D208,138 S *	7/1967	Ladd M. Adams	.....	D23/245
3,441,292 A	4/1969	Gross		
3,844,586 A	10/1974	Olen		
H176 H *	12/1986	Johnstone, Jr.	.....	F16L 41/021 285/133.11
D296,816 S *	7/1988	Budzinski	.....	D23/262
D343,889 S *	2/1994	Stonecypher	.....	D23/263
D348,723 S *	7/1994	Carroll	.....	D23/263
D434,834 S	12/2000	Goto		
D462,112 S	8/2002	Koza		
D481,110 S *	10/2003	Snyder, Sr.	.....	D23/263
D533,259 S	12/2006	Lewis		
D549,804 S	8/2007	Lewis		
D552,221 S	10/2007	Beutler		
D554,237 S	10/2007	Lewis		
D564,642 S	3/2008	Pipe		
D606,387 S *	12/2009	Werschmidt	.....	D8/382
D617,428 S	6/2010	Bachmann		
D630,305 S *	1/2011	Adams	.....	D23/259
D634,816 S	3/2011	Qian		
D634,820 S	3/2011	Leroyer		
D648,005 S	11/2011	Morishita		
D648,006 S	11/2011	Morishita		
D656,225 S *	3/2012	Dole	.....	D23/263
D675,289 S	1/2013	Freudendahl		
D675,290 S	1/2013	Mitchell		
D675,291 S	1/2013	Mitchell		
D675,292 S	1/2013	Mitchell		
D675,293 S	1/2013	Mitchell		
D675,294 S	1/2013	Mitchell		
D676,941 S	2/2013	Kluss		
D676,942 S *	2/2013	Kluss	.....	D23/262
D706,126 S *	6/2014	Orow	.....	D8/397
D722,141 S *	2/2015	Luke	.....	D23/263
D727,471 S *	4/2015	Corcoran	.....	D23/262
D743,511 S *	11/2015	Bednarz	.....	D23/263
2012/0074687 A1	3/2012	Mitchell		
2013/0292591 A1 *	11/2013	Chang	.....	F16L 37/34 251/149.6

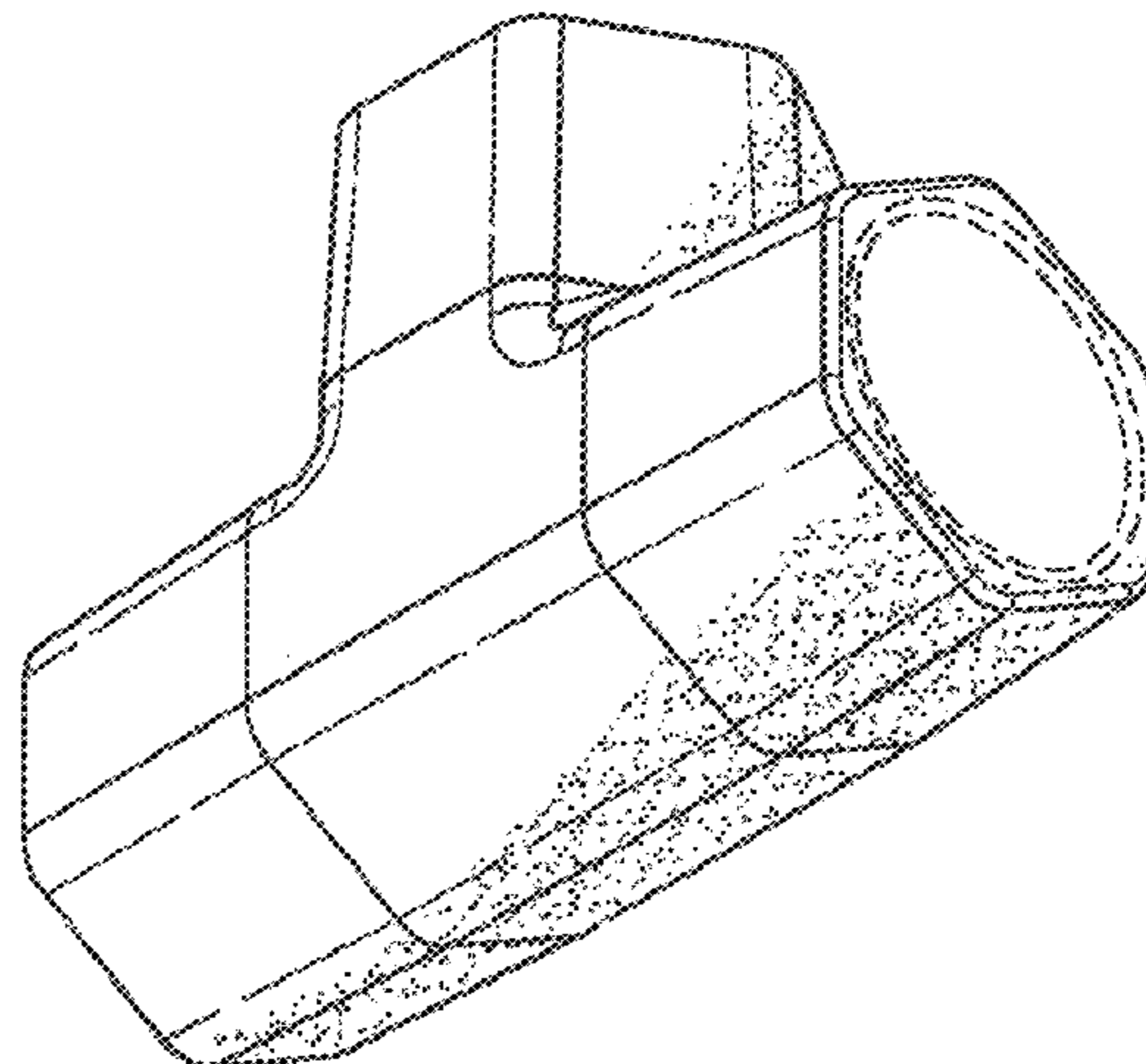
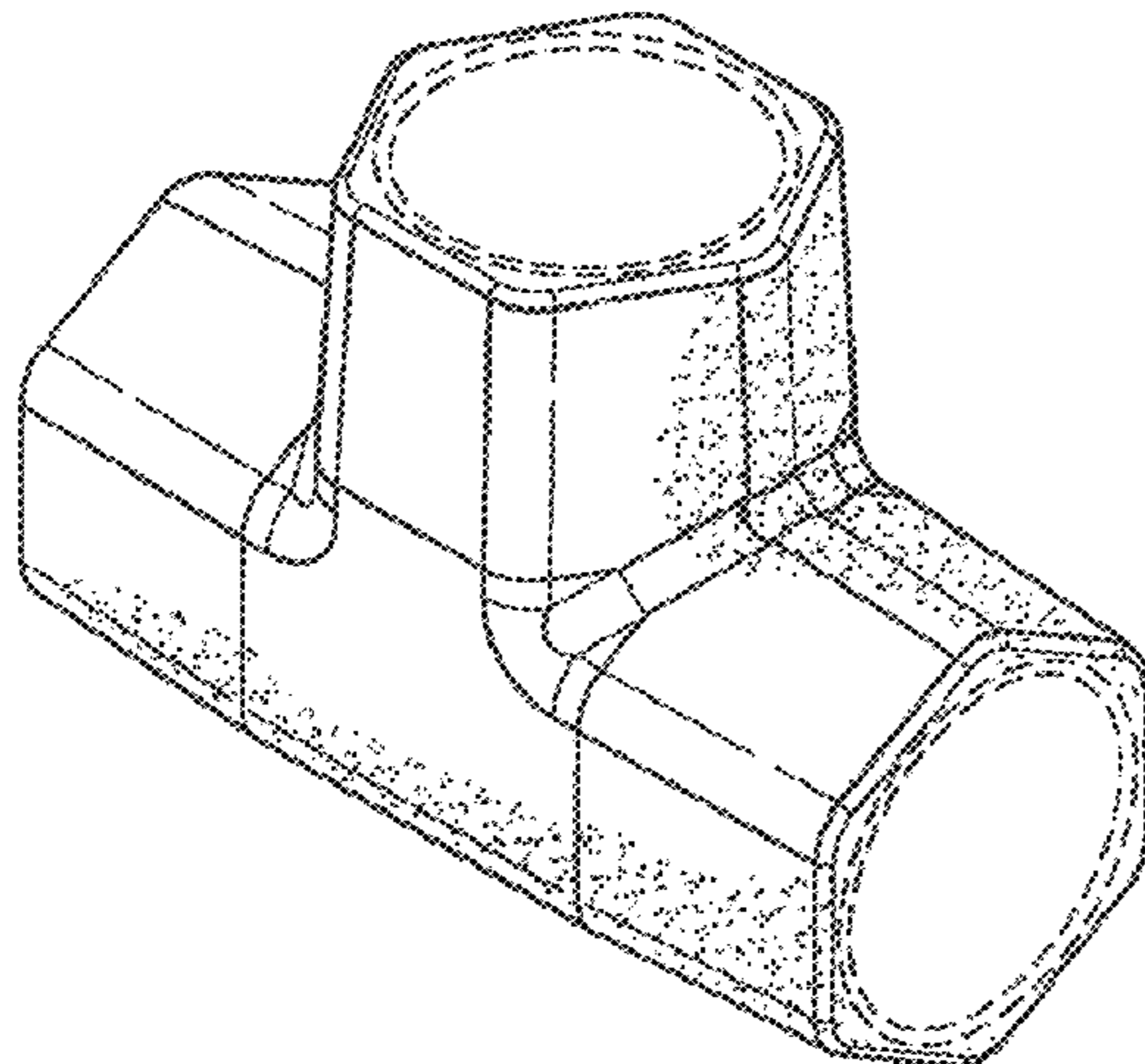
FOREIGN PATENT DOCUMENTS

CN	ZL201030189447.0	11/2010
MX	9159	12/1997
MX	22550	4/2007
MX	23308	8/2007
MX	23309	8/2007
MX	34093	8/2011
MX	37761	2/2012
WO	DM/052171	8/2000

* cited by examiner

(56) **References Cited**
U.S. PATENT DOCUMENTS

2,082,611 A *	6/1937	Benge	.....	B29C 70/345 138/174
D132,938 S	6/1942	Corley		
D132,939 S	6/1942	Corley		
D137,384 S	2/1944	Corley		
D179,768 S	2/1957	Giles		



Primary Examiner — Amy C Wierenga
 (74) Attorney, Agent, or Firm — Christopher P. Demas;
 Teresan W. Gilbert

(57) **CLAIM**

We claim the ornamental design for a tee pipe fitting, as shown and described.

DESCRIPTION

FIG. 1 is a top left perspective view of a tee pipe fitting having a hexagonal outer shell with flat faces on the front and rear planes.

FIG. 2 is a bottom right perspective view of a tee pipe fitting having a hexagonal outer shell with flat faces on the front and rear planes.

FIG. 3 is a top plan view of a tee pipe fitting having a hexagonal outer shell with flat faces on the front and rear planes.

FIG. 4 is a bottom plan view of a tee pipe fitting having a hexagonal outer shell with flat faces on the front and rear planes.

FIG. 5 is a left view of a tee pipe fitting having a hexagonal outer shell with flat faces on the front and rear planes.

FIG. 6 is a right view of a tee pipe fitting having a hexagonal outer shell with flat faces on the front and rear planes.

FIG. 7 is a front plan view of a tee pipe fitting having a hexagonal outer shell with flat faces on the front and rear planes.

FIG. 8 is a rear plan view of a tee pipe fitting having a hexagonal outer shell with flat faces on the front and rear planes.

FIG. 9 is a top perspective view of a tee pipe fitting having a hexagonal outer shell with sharp edges on the front and rear planes.

FIG. 10 is a bottom perspective view of a tee pipe fitting having a hexagonal outer shell with sharp edges on the front and rear planes.

FIG. 11 is a top left perspective view of a tee pipe fitting having an octagonal outer shell with flat faces on the front and rear planes.

FIG. 12 is a bottom right perspective view of a tee pipe fitting having an octagonal outer shell with flat faces on the front and rear planes.

FIG. 13 is a top plan view of a tee pipe fitting having an octagonal outer shell with flat faces on the front and rear planes.

FIG. 14 is a bottom plan view of a tee pipe fitting having an octagonal outer shell with flat faces on the front and rear planes.

FIG. 15 is a left view of a tee pipe fitting having an octagonal outer shell with flat faces on the front and rear planes.

FIG. 16 is a right view of a tee pipe fitting having an octagonal outer shell with flat faces on the front and rear planes.

FIG. 17 is a front plan view of a tee pipe fitting having an octagonal outer shell with flat faces on the front and rear planes.

FIG. 18 is a rear plan view of a tee pipe fitting having an octagonal outer shell with flat faces on the front and rear planes.

FIG. 19 is a top perspective view of a tee pipe fitting having an octagonal outer shell with sharp edges on the front and rear planes.

FIG. 20 is a bottom perspective view of a tee pipe fitting having an octagonal outer shell with sharp edges on the front and rear planes.

FIG. 21 is a top left perspective view of a tee pipe fitting having a decagonal outer shell with flat faces on the front and rear planes.

FIG. 22 is a bottom right perspective view of a tee pipe fitting having a decagonal outer shell with flat faces on the front and rear planes.

FIG. 23 is a top plan view of a tee pipe fitting having a decagonal outer shell with flat faces on the front and rear planes.

FIG. 24 is a bottom plan view of a tee pipe fitting having a decagonal outer shell with flat faces on the front and rear planes.

FIG. 25 is a left view of a tee pipe fitting having a decagonal outer shell with flat faces on the front and rear planes.

FIG. 26 is a right view of a tee pipe fitting having a decagonal outer shell with flat faces on the front and rear planes.

FIG. 27 is a front plan view of a tee pipe fitting having a decagonal outer shell with flat faces on the front and rear planes.

FIG. 28 is a rear plan view of a tee pipe fitting having a decagonal outer shell with flat faces on the front and rear planes.

FIG. 29 is a top perspective view of a tee pipe fitting having a decagonal outer shell with sharp edges on the front and rear planes.

FIG. 30 is a bottom perspective view of a tee pipe fitting having a decagonal outer shell with sharp edges on the front and rear planes.

FIG. 31 is a top left perspective view of a tee pipe fitting having a dodecagonal outer shell with flat faces on the front and rear planes.

FIG. 32 is a bottom right perspective view of a tee pipe fitting having a dodecagonal outer shell with flat faces on the front and rear planes.

FIG. 33 is a top plan view of a tee pipe fitting having a dodecagonal outer shell with flat faces on the front and rear planes.

FIG. 34 is a bottom plan view of a tee pipe fitting having a dodecagonal outer shell with flat faces on the front and rear planes.

FIG. 35 is a left view of a tee pipe fitting having a dodecagonal outer shell with flat faces on the front and rear planes.

FIG. 36 is a right view of a tee pipe fitting having a dodecagonal outer shell with flat faces on the front and rear planes.

FIG. 37 is a front plan view of a tee pipe fitting having a dodecagonal outer shell with flat faces on the front and rear planes.

FIG. 38 is a rear plan view of a tee pipe fitting having a dodecagonal outer shell with flat faces on the front and rear planes.

FIG. 39 is a top perspective view of a tee pipe fitting having a dodecagonal outer shell with sharp edges on the front and rear planes; and,

FIG. 40 is a bottom perspective view of a tee pipe fitting having a dodecagonal outer shell with sharp edges on the front and rear planes.

The broken lines in the drawings represent portions of the tee pipe fitting that form no part of the claim.

1 Claim, 12 Drawing Sheets

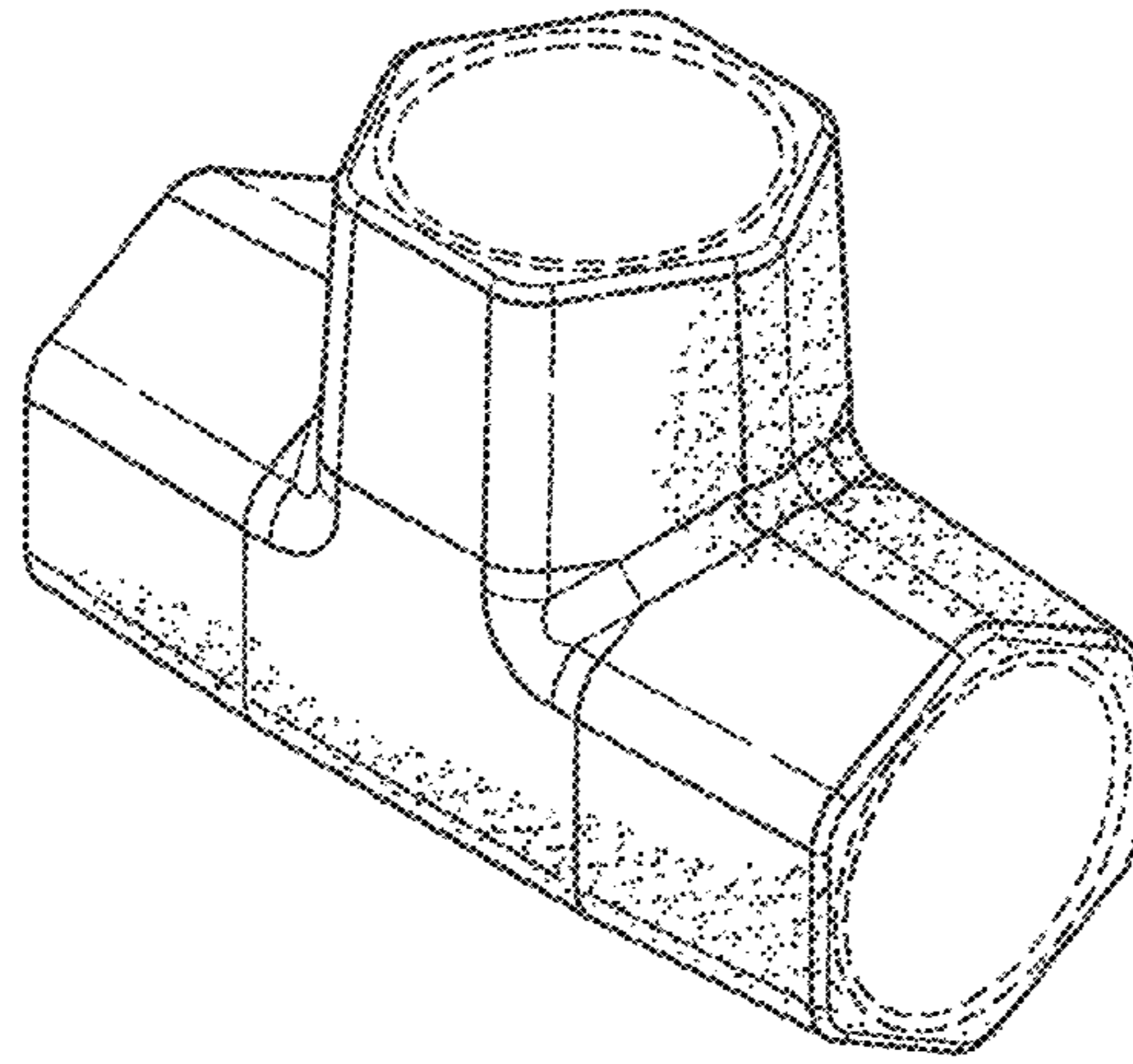


FIG. 1

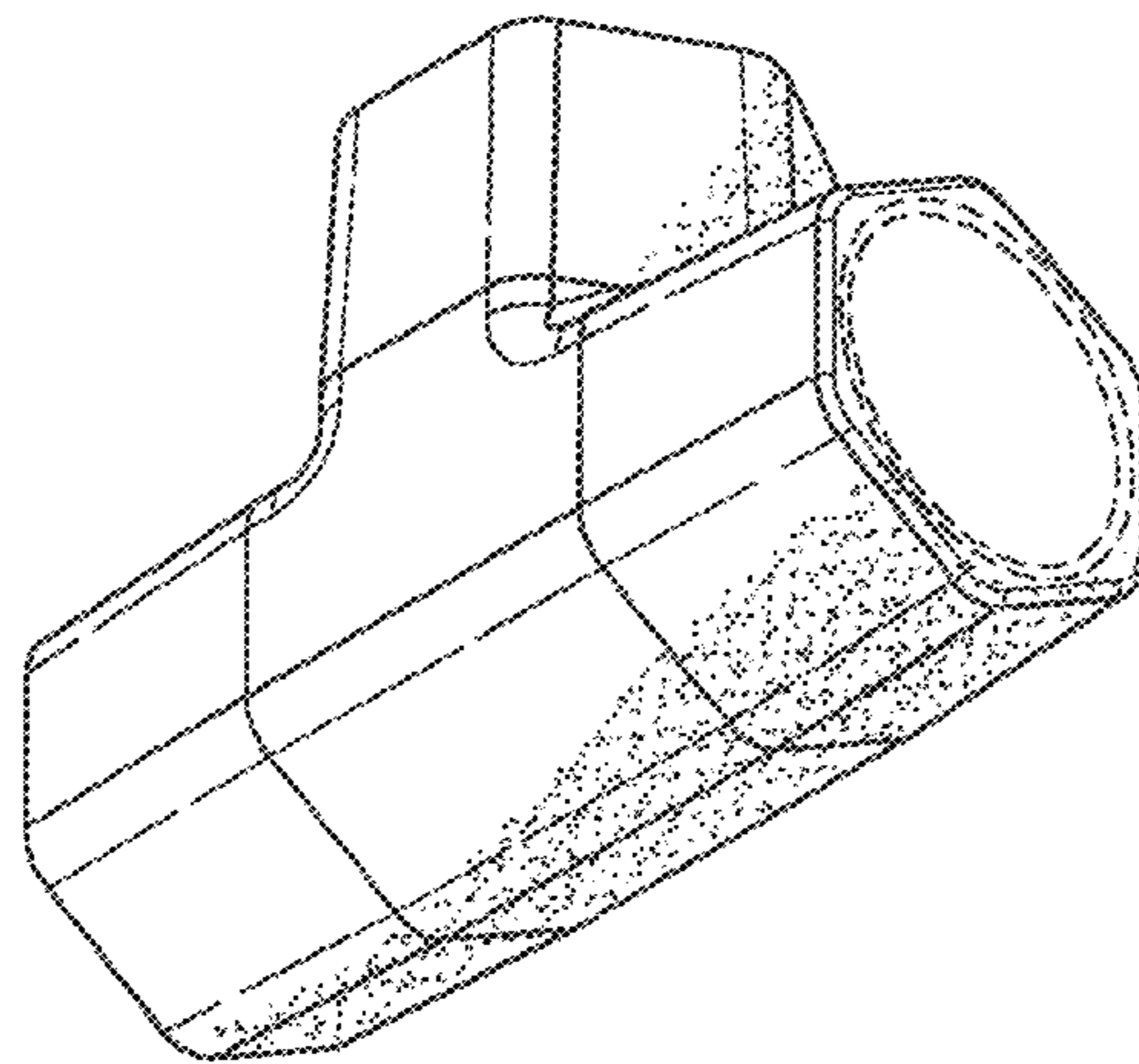


FIG. 2

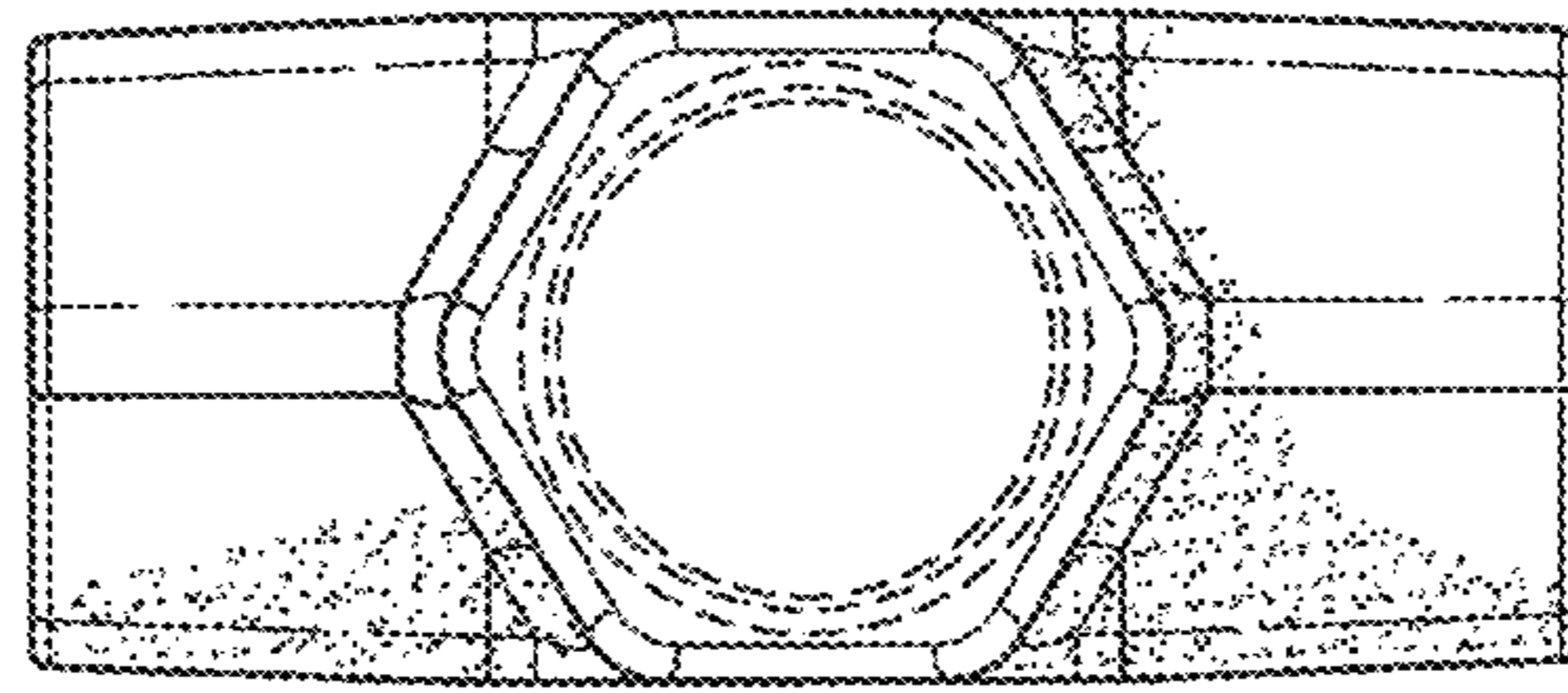


FIG. 3

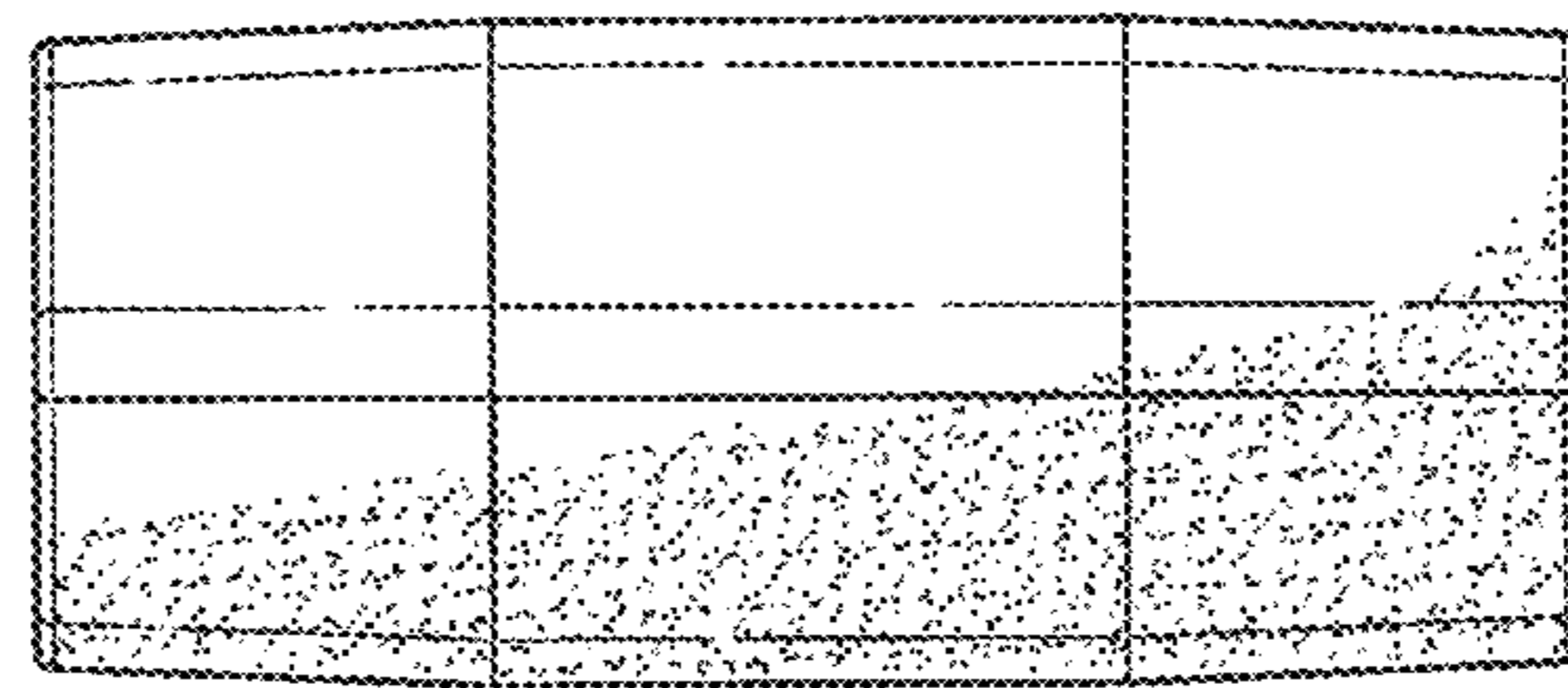


FIG. 4

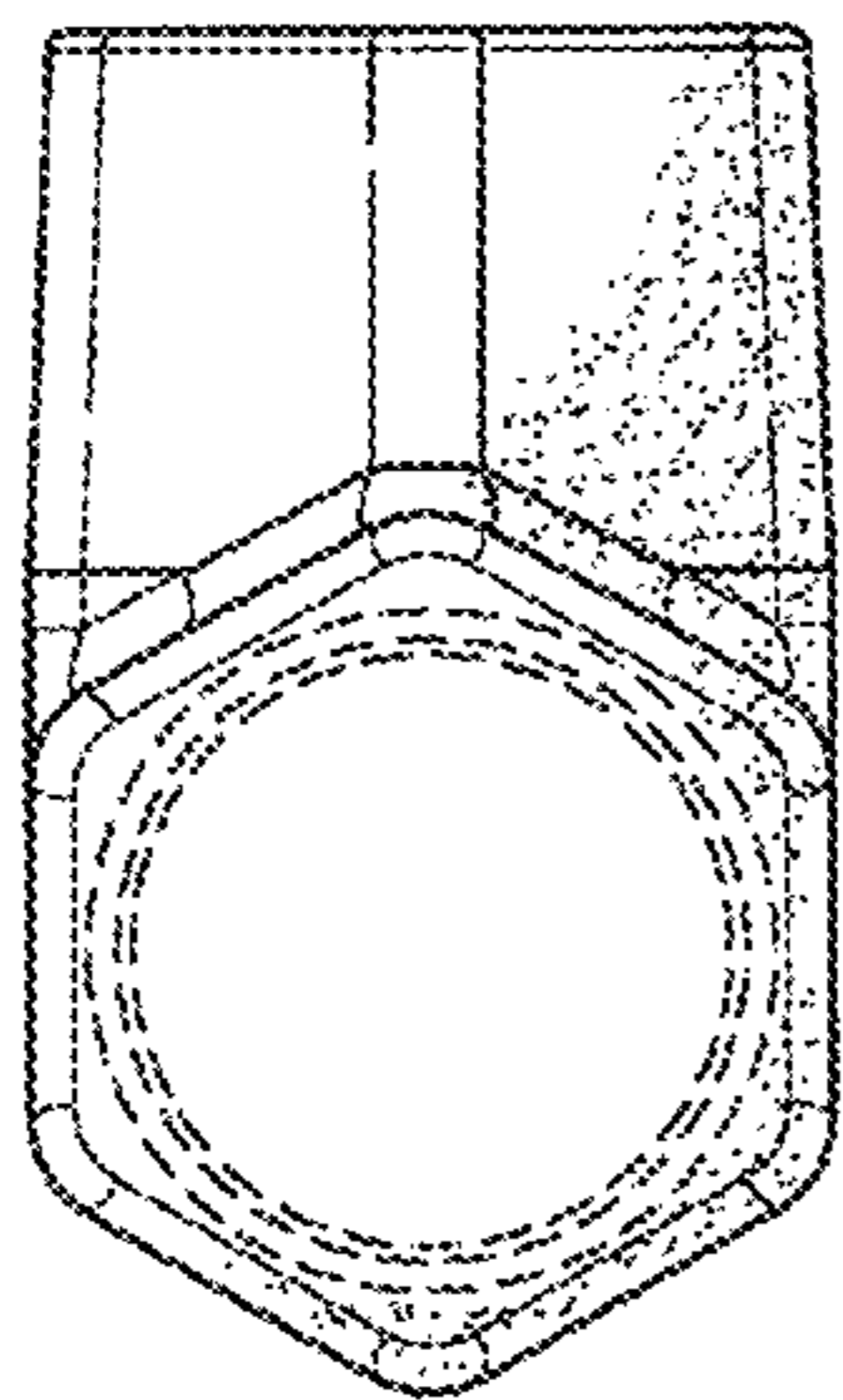


FIG. 5

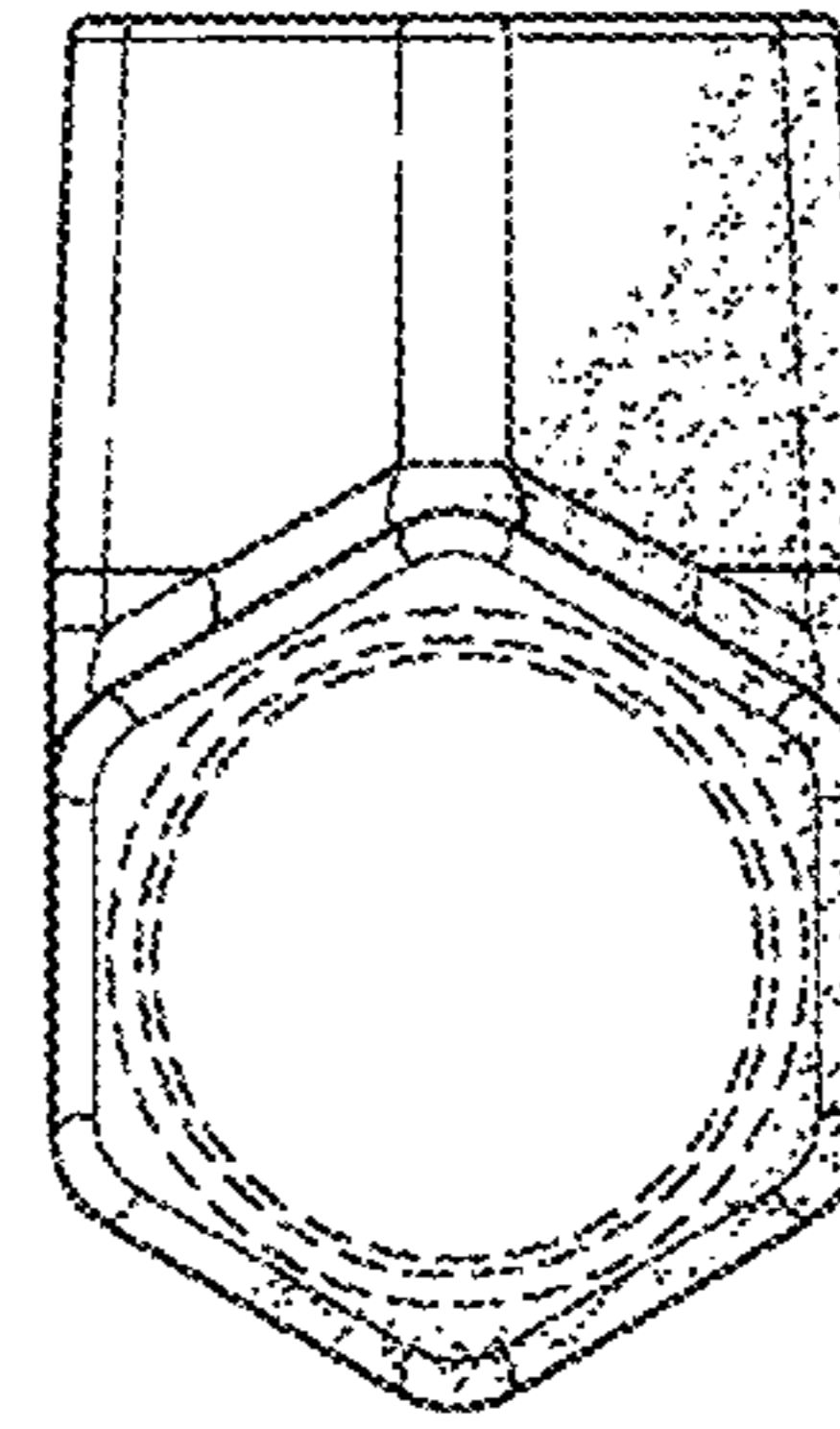


FIG. 6

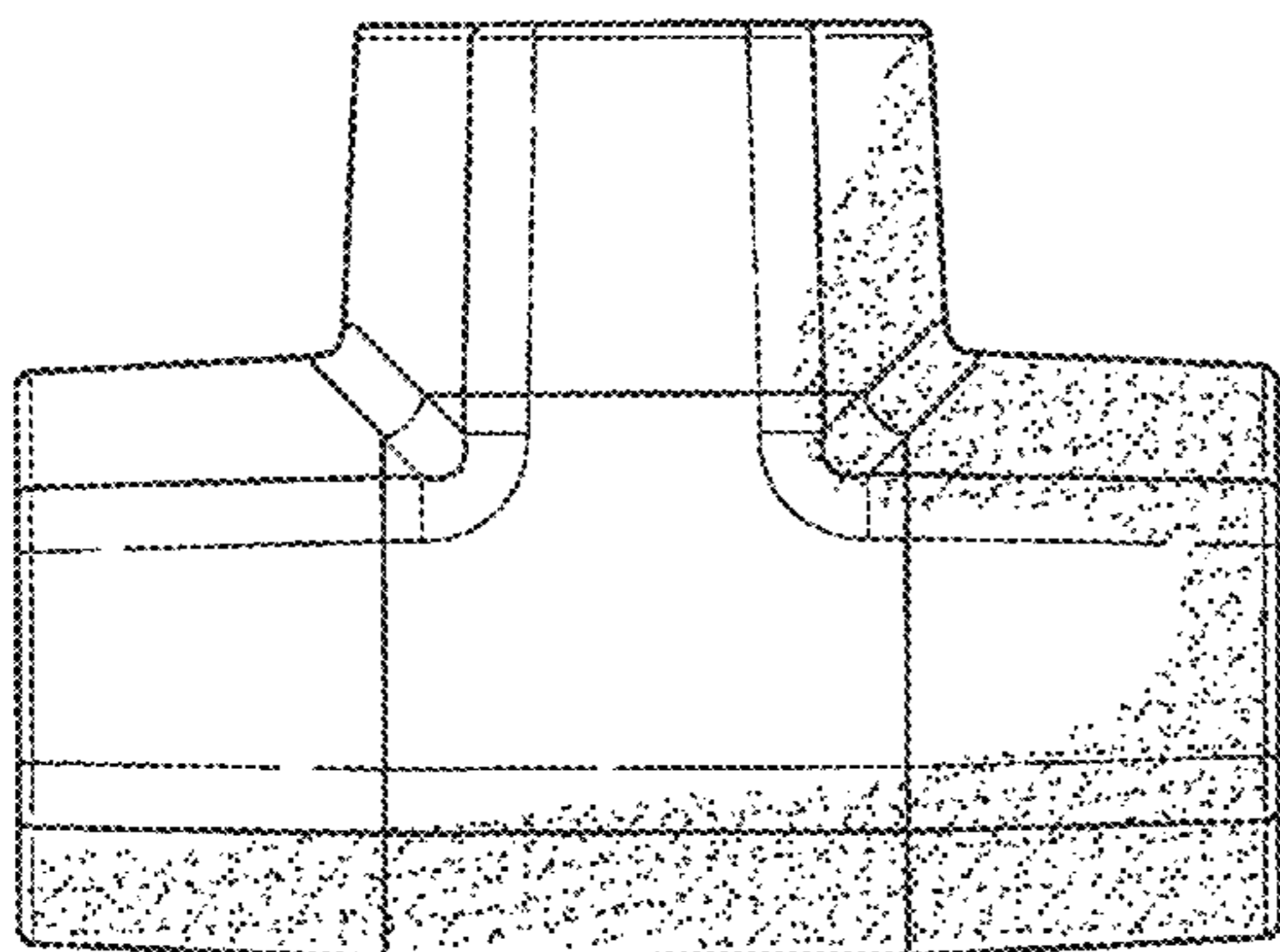


FIG. 7

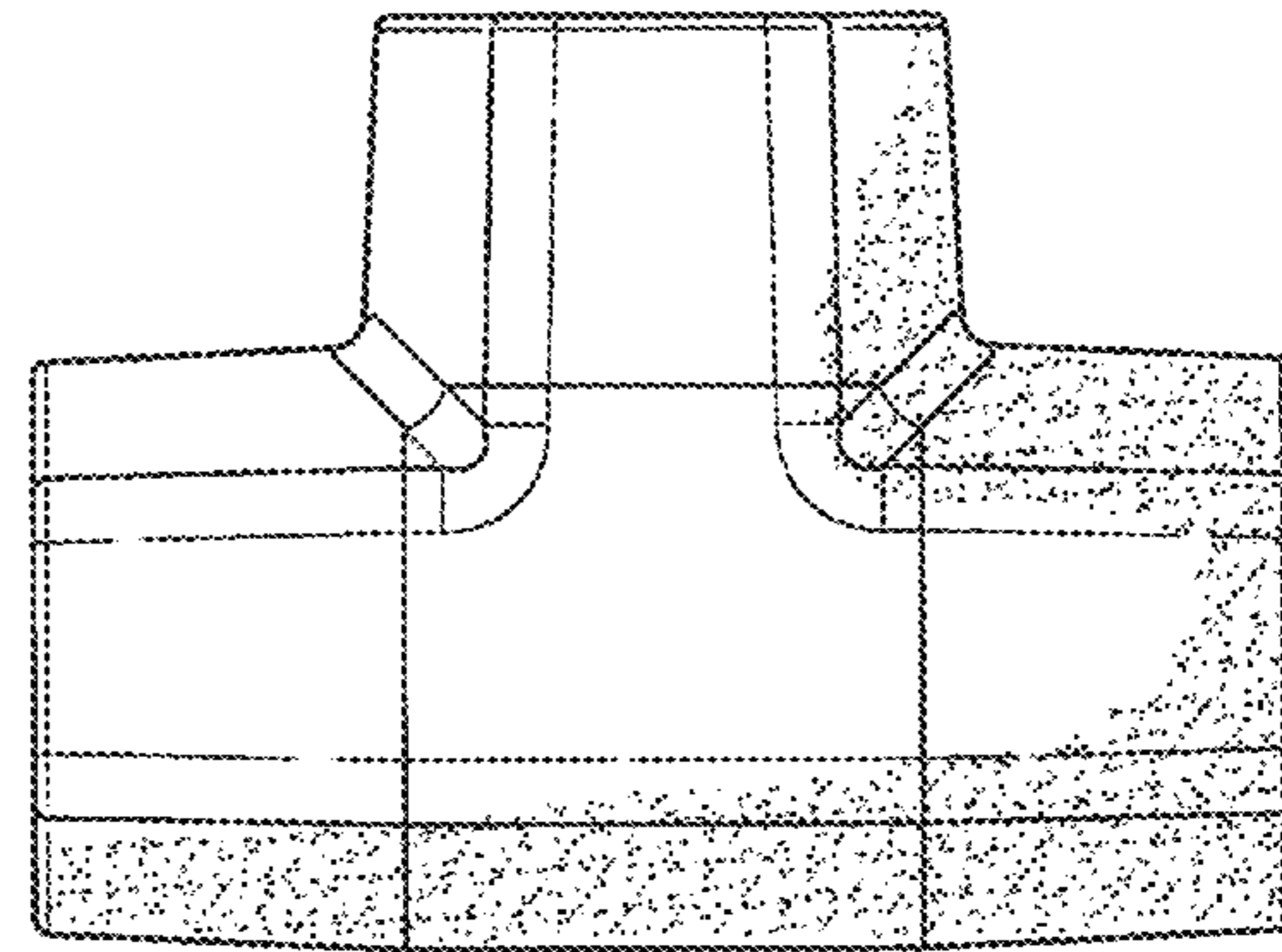


FIG. 8

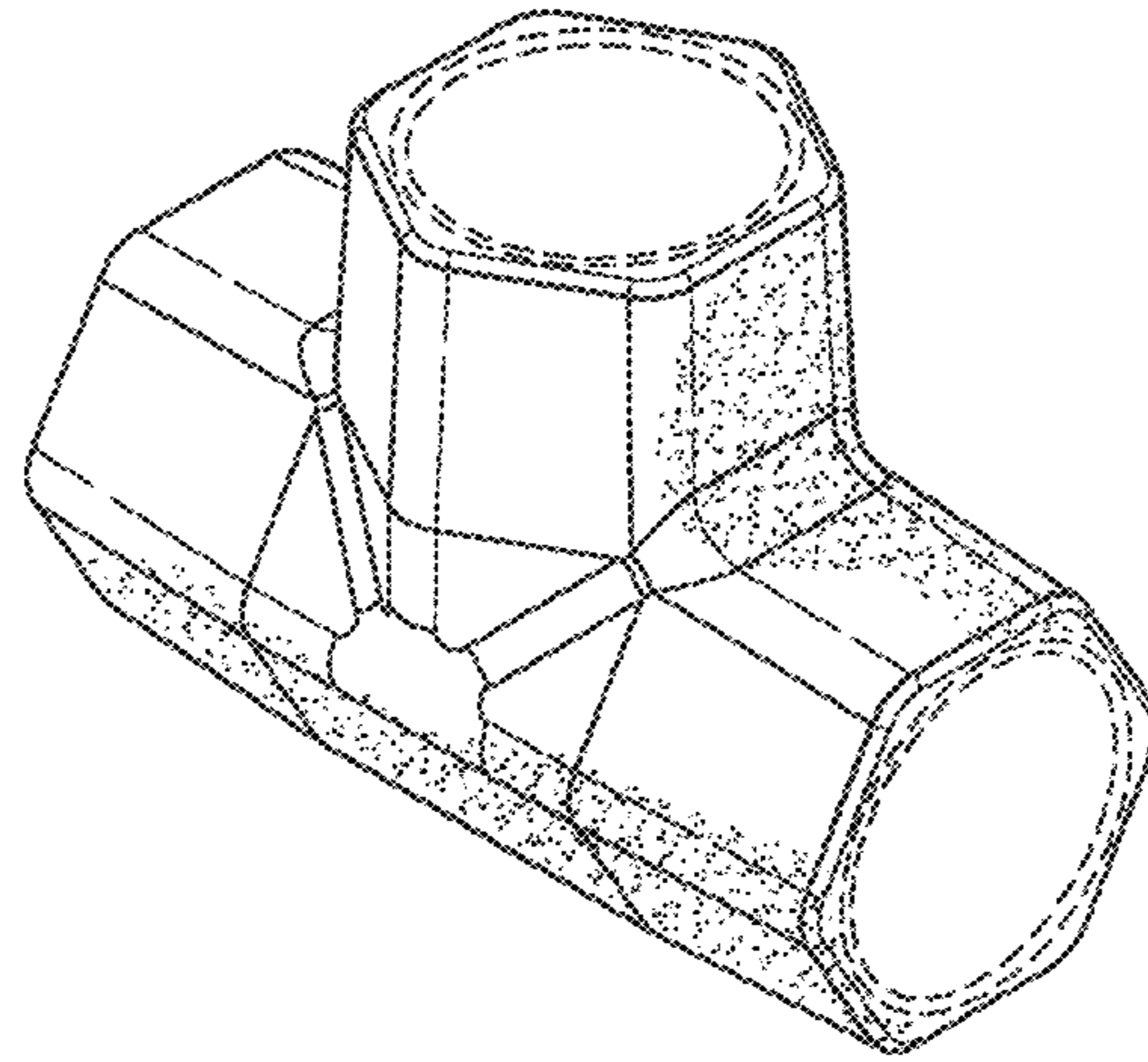


FIG. 9

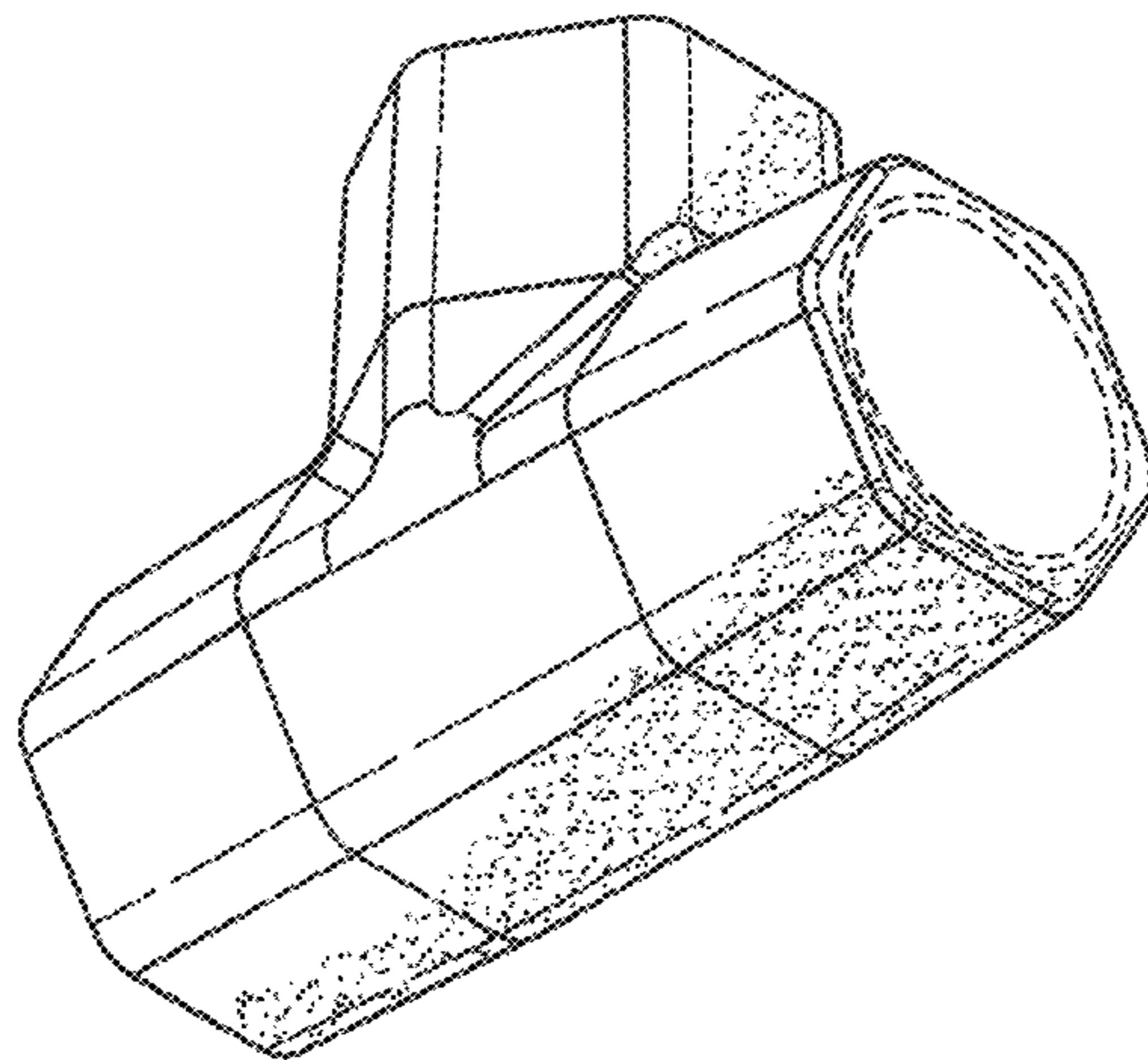


FIG. 10

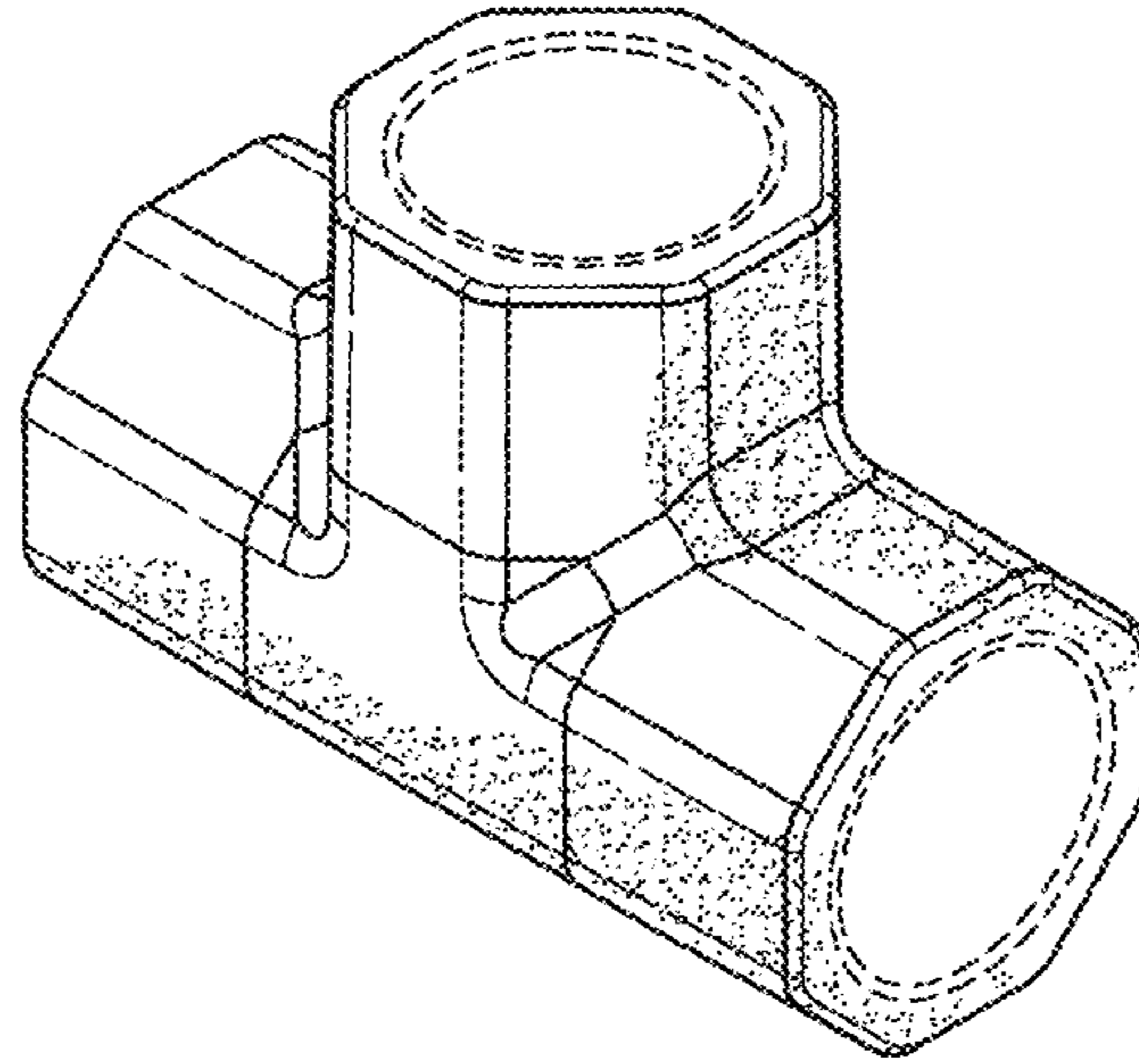


FIG. 11

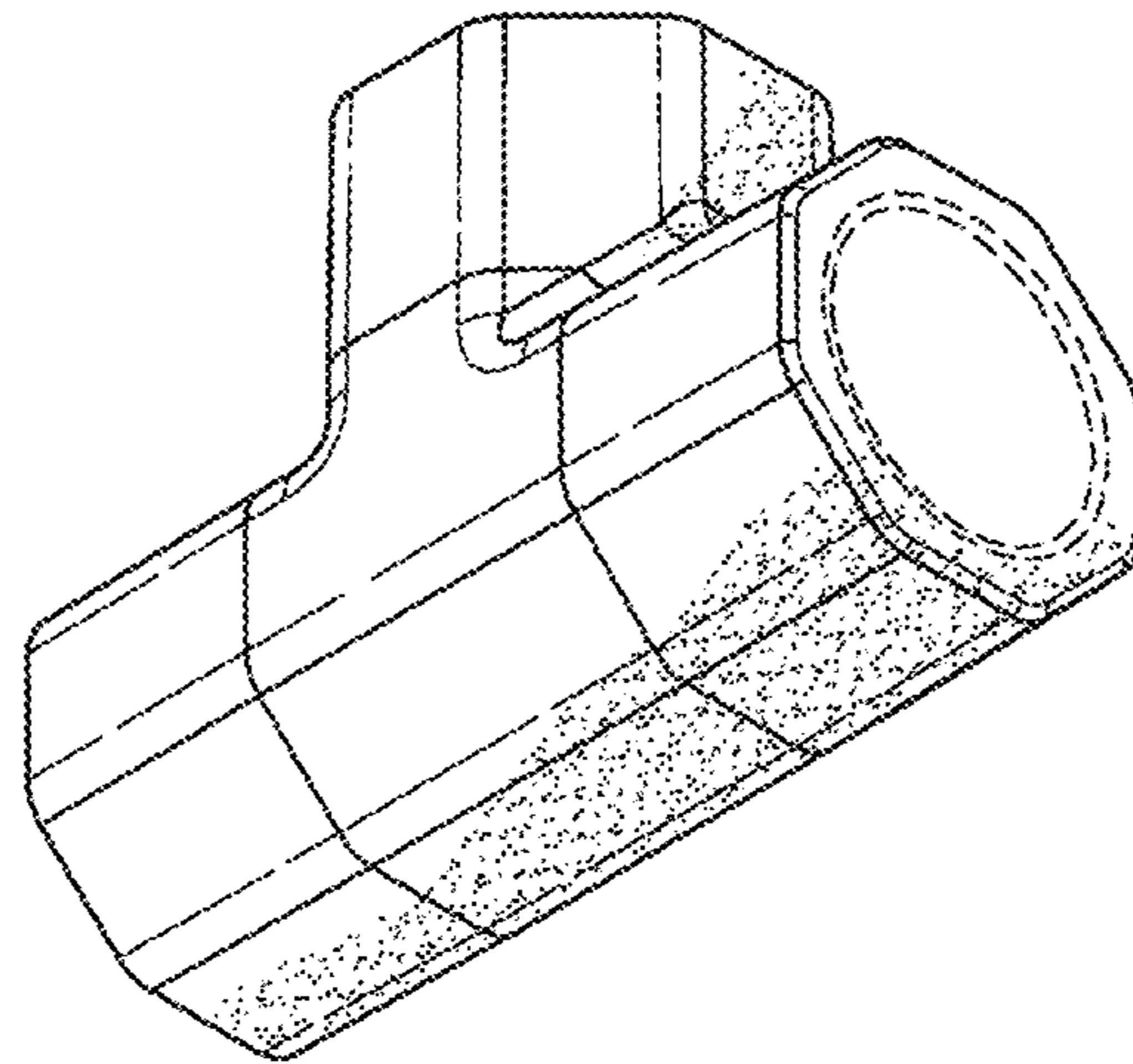


FIG. 12

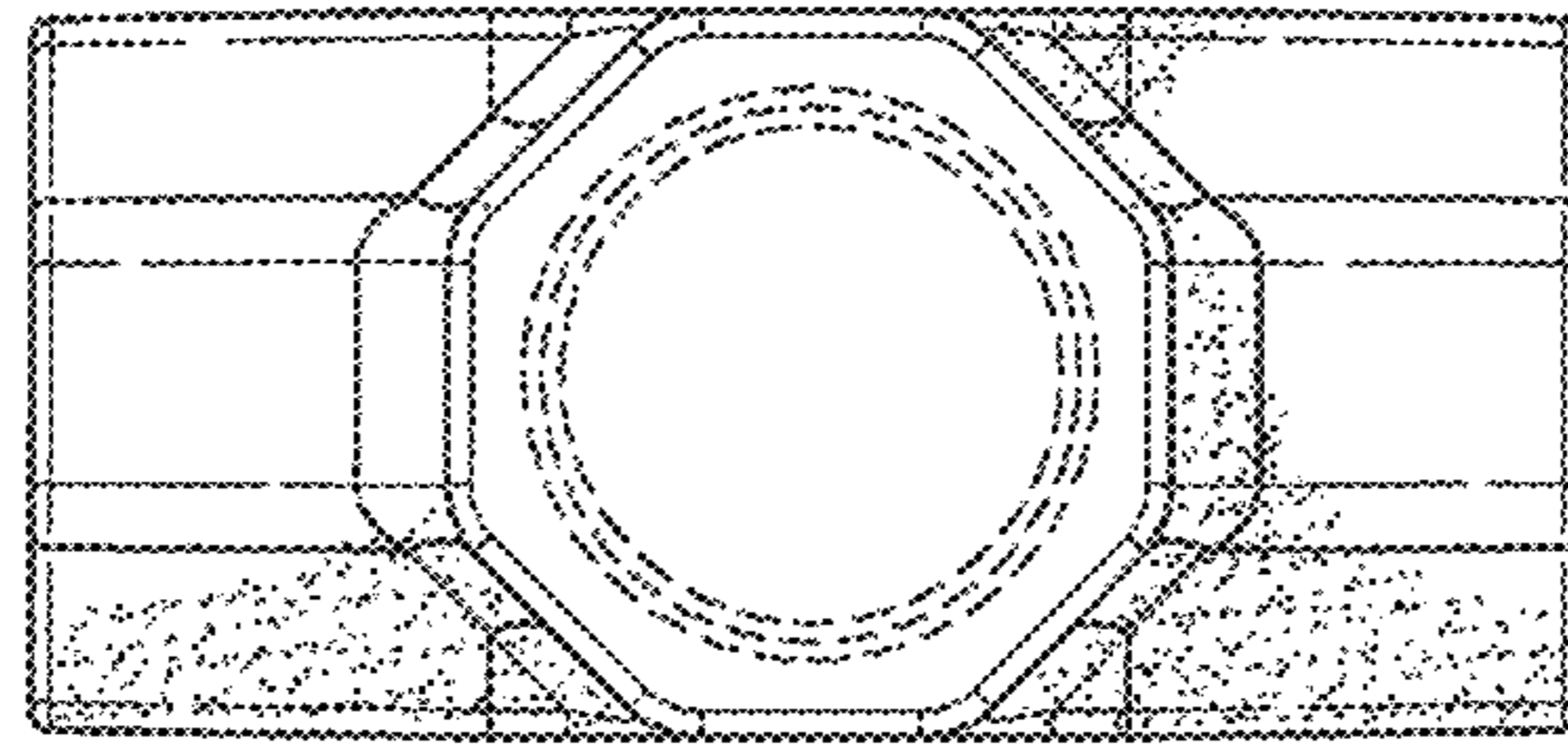


FIG. 13

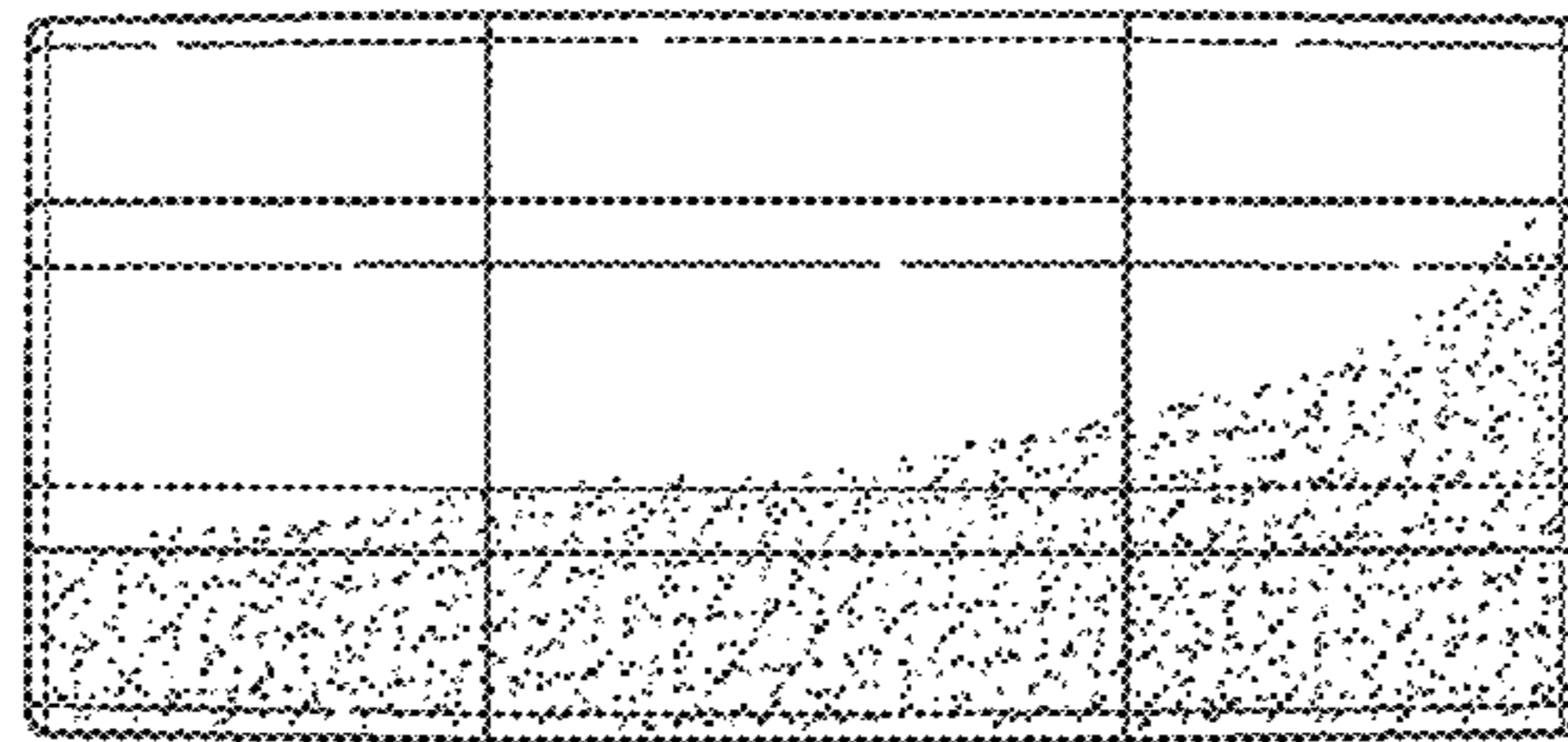


FIG. 14

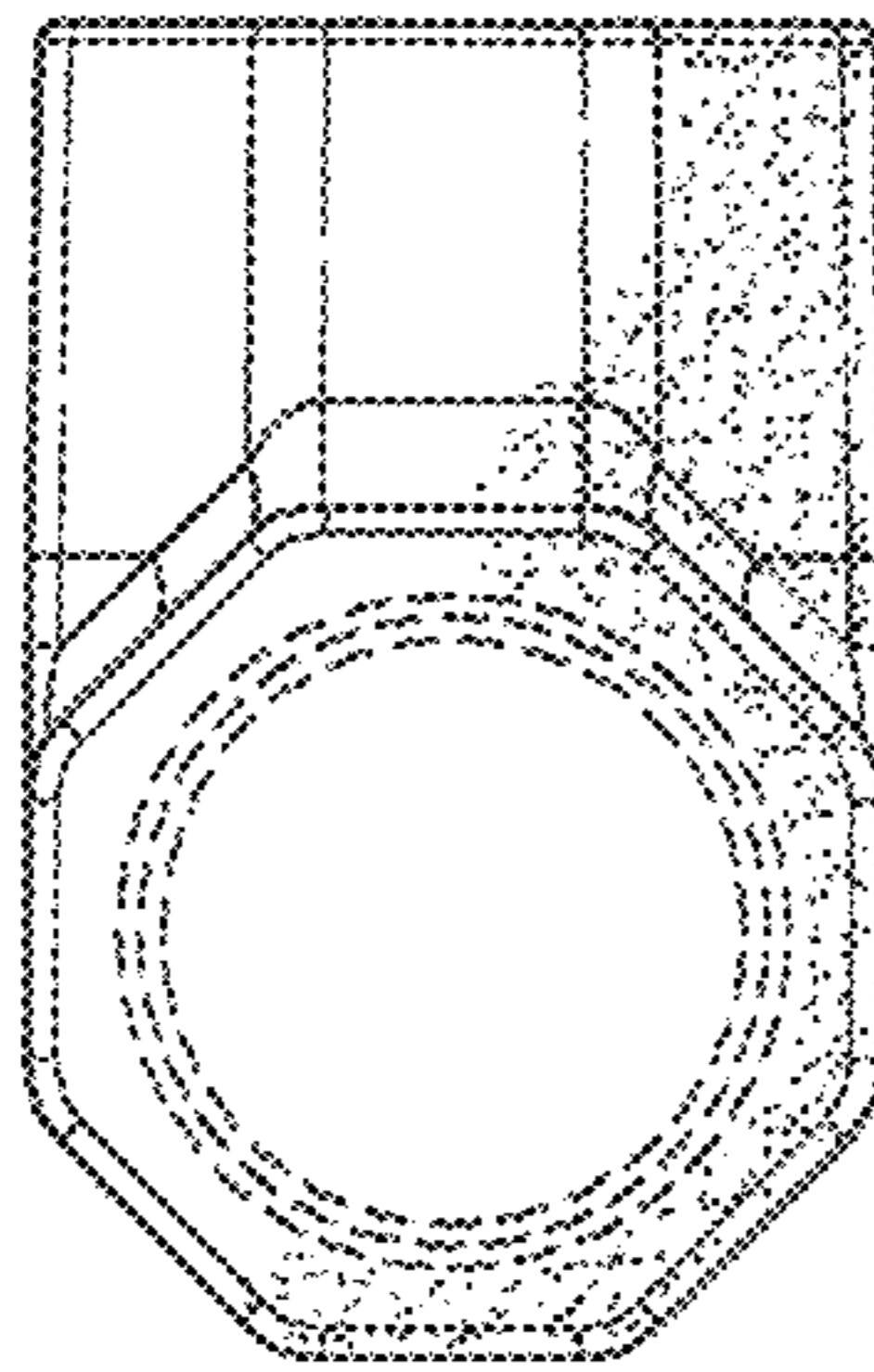


FIG. 15

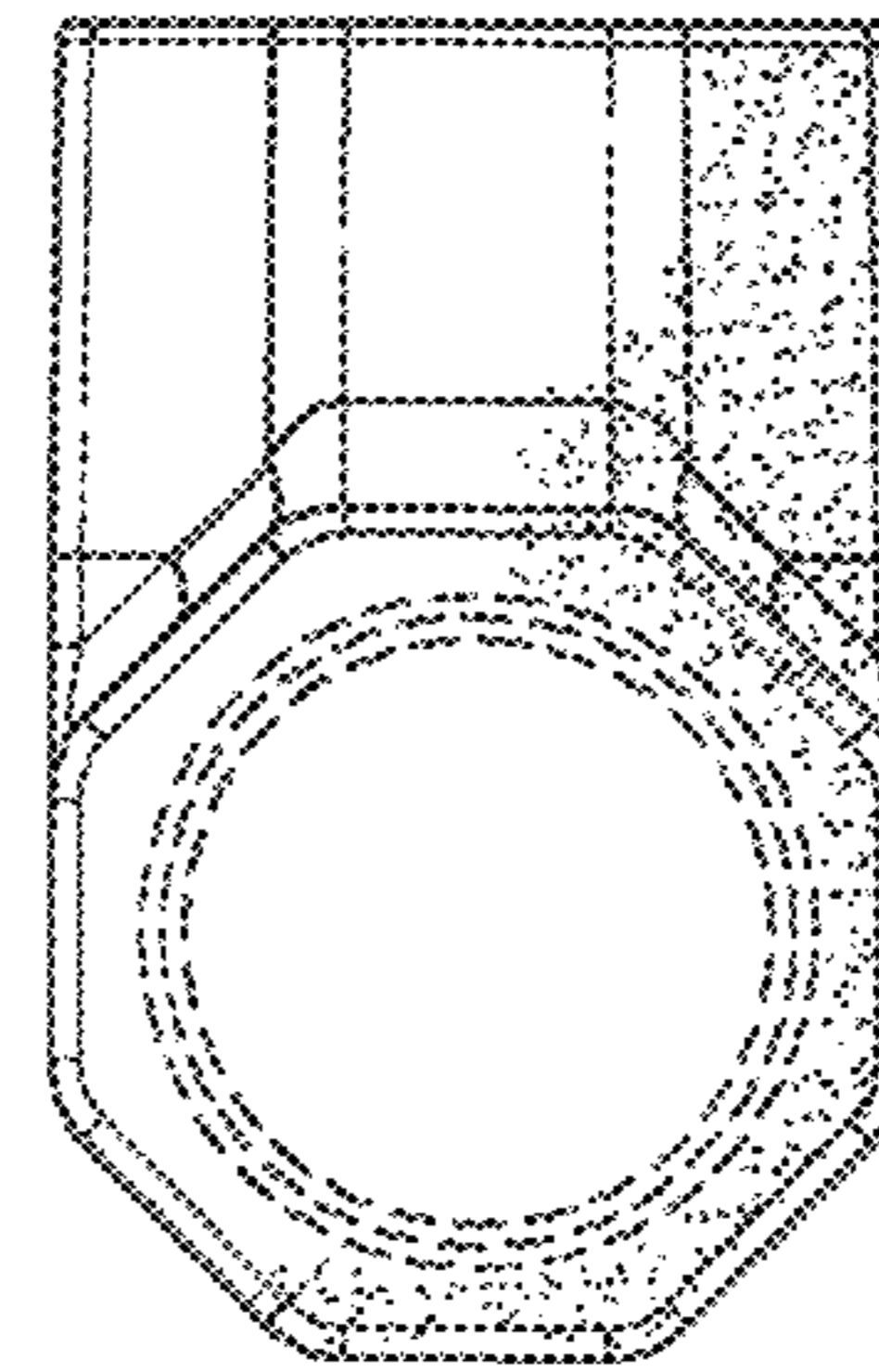


FIG. 16

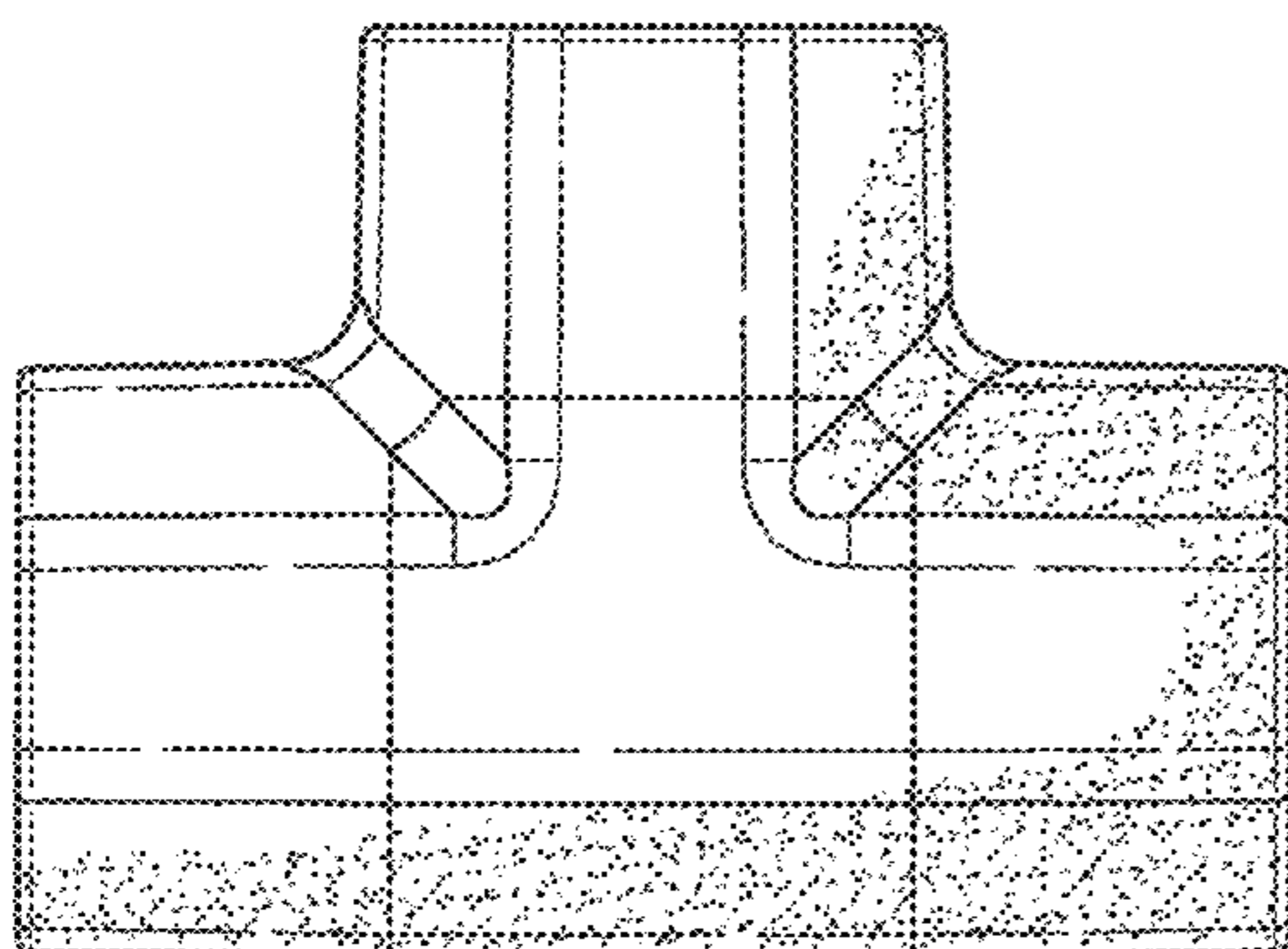


FIG. 17

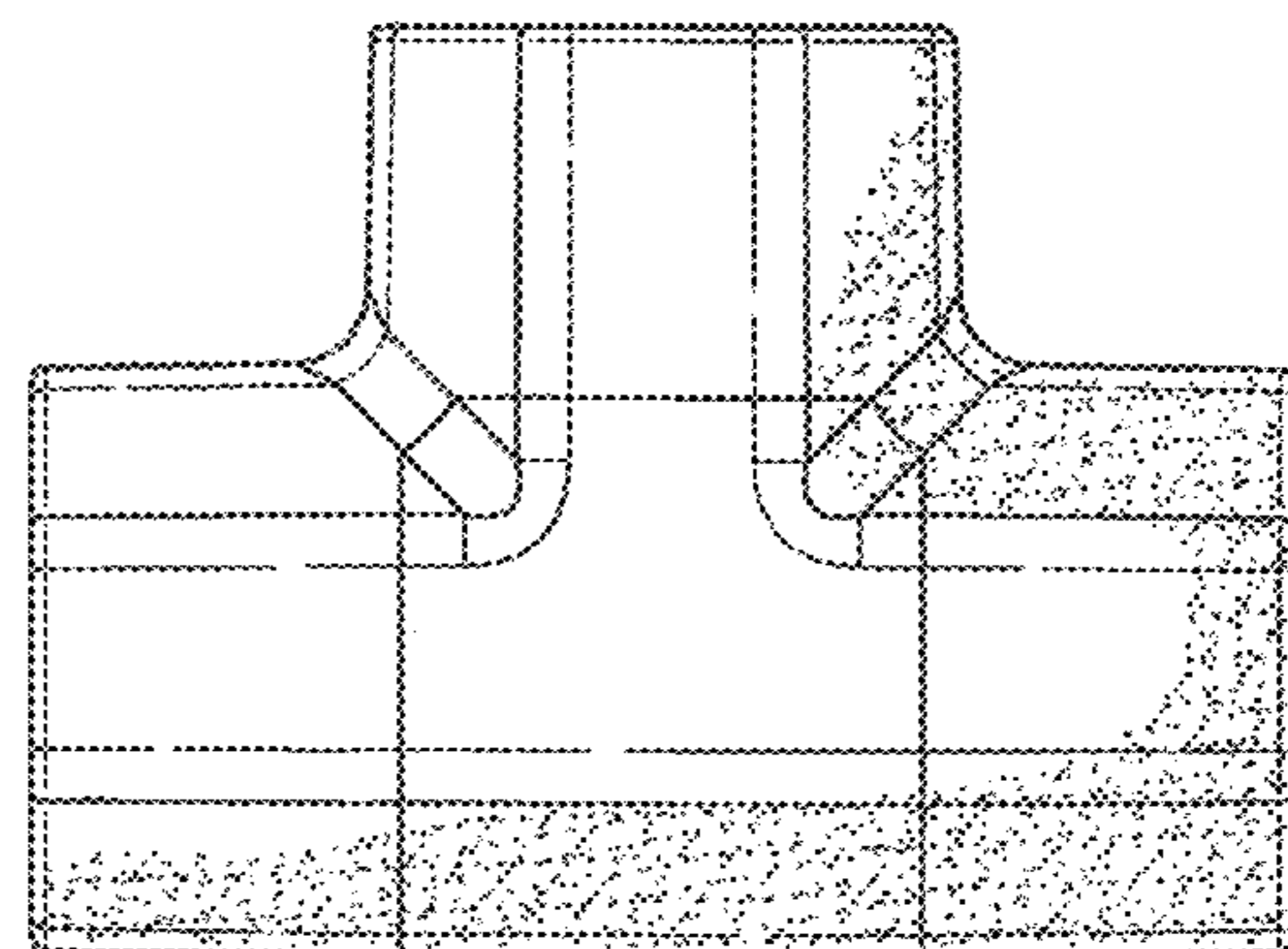


FIG. 18

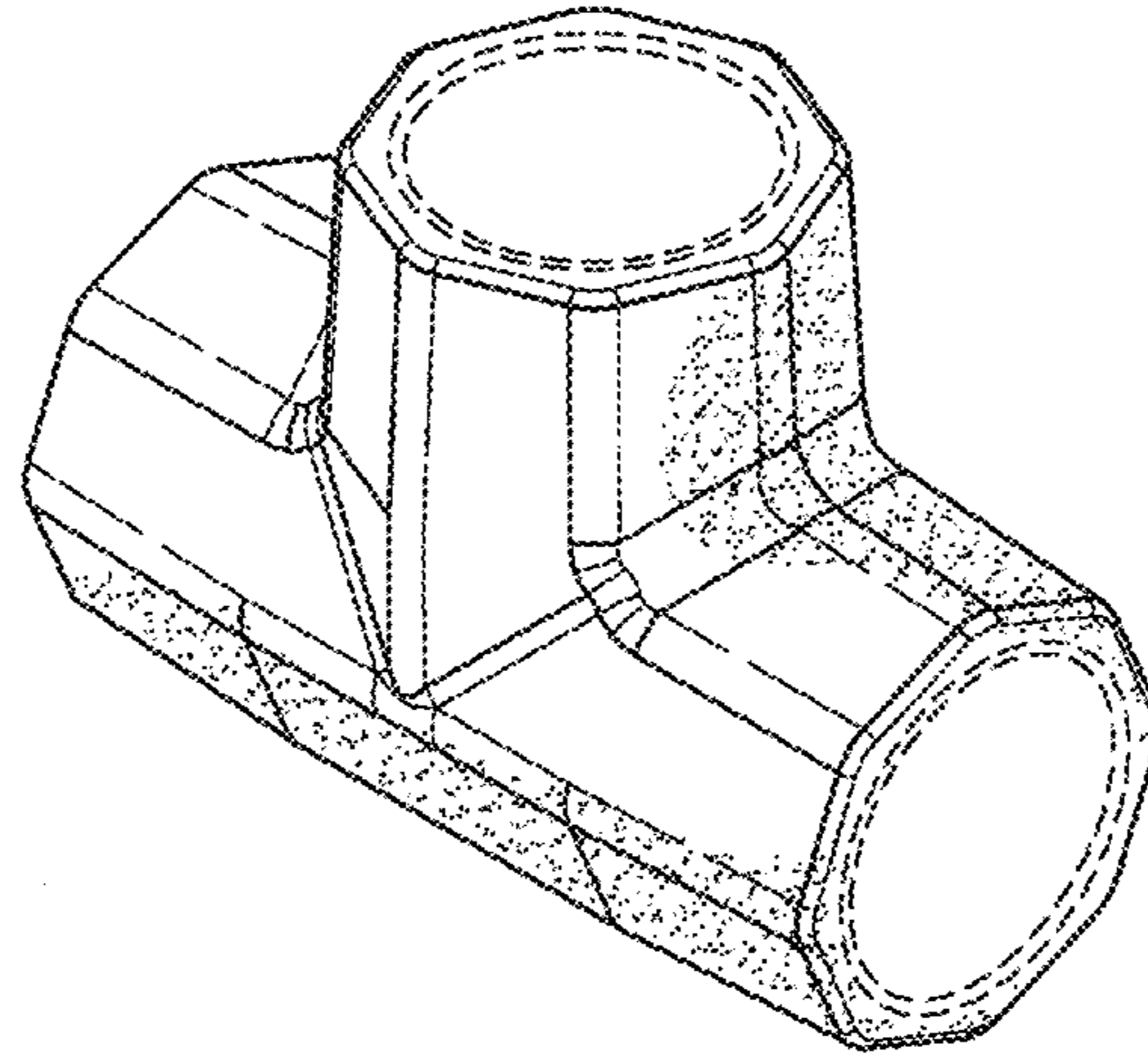


FIG. 19

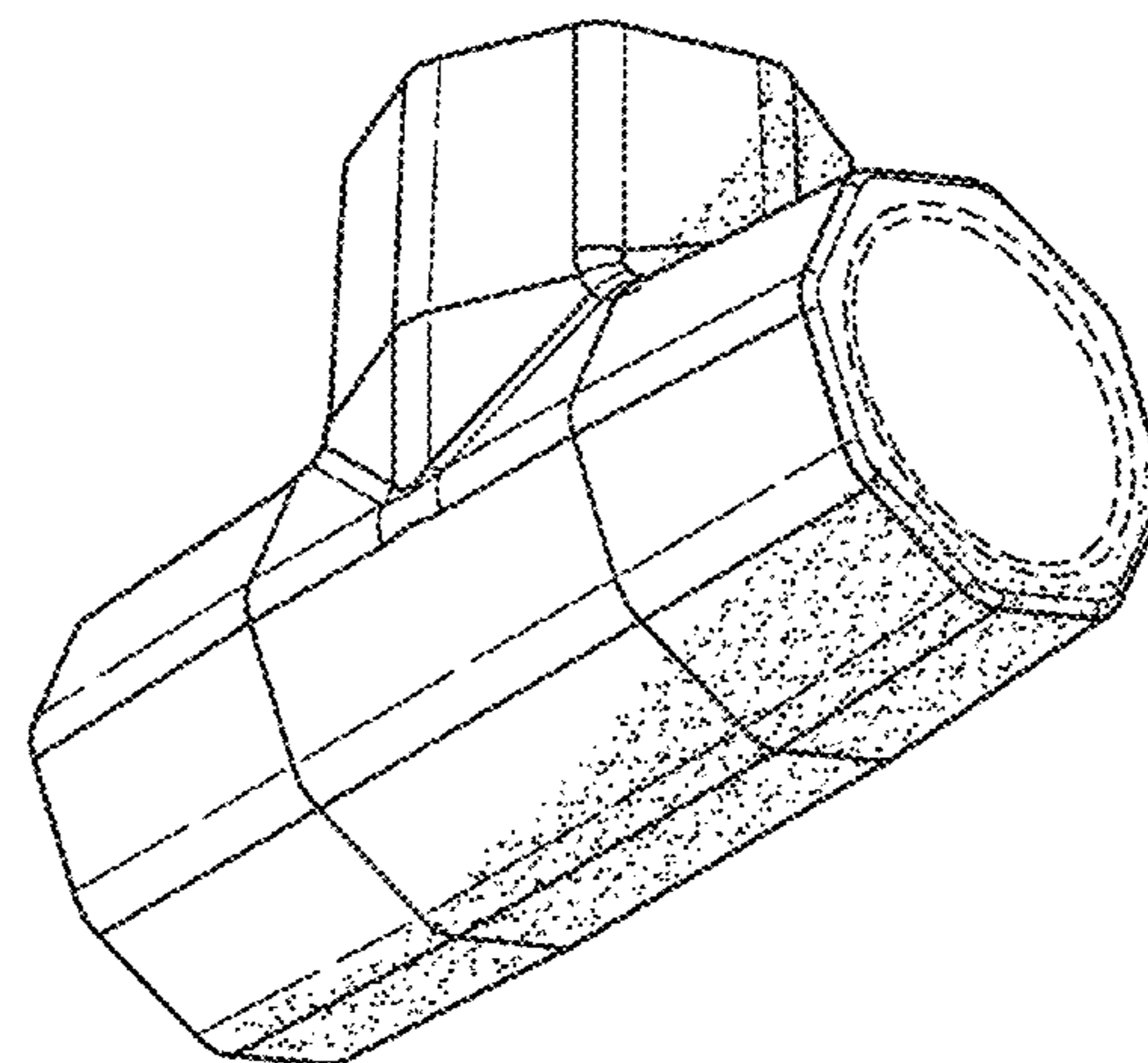


FIG. 20

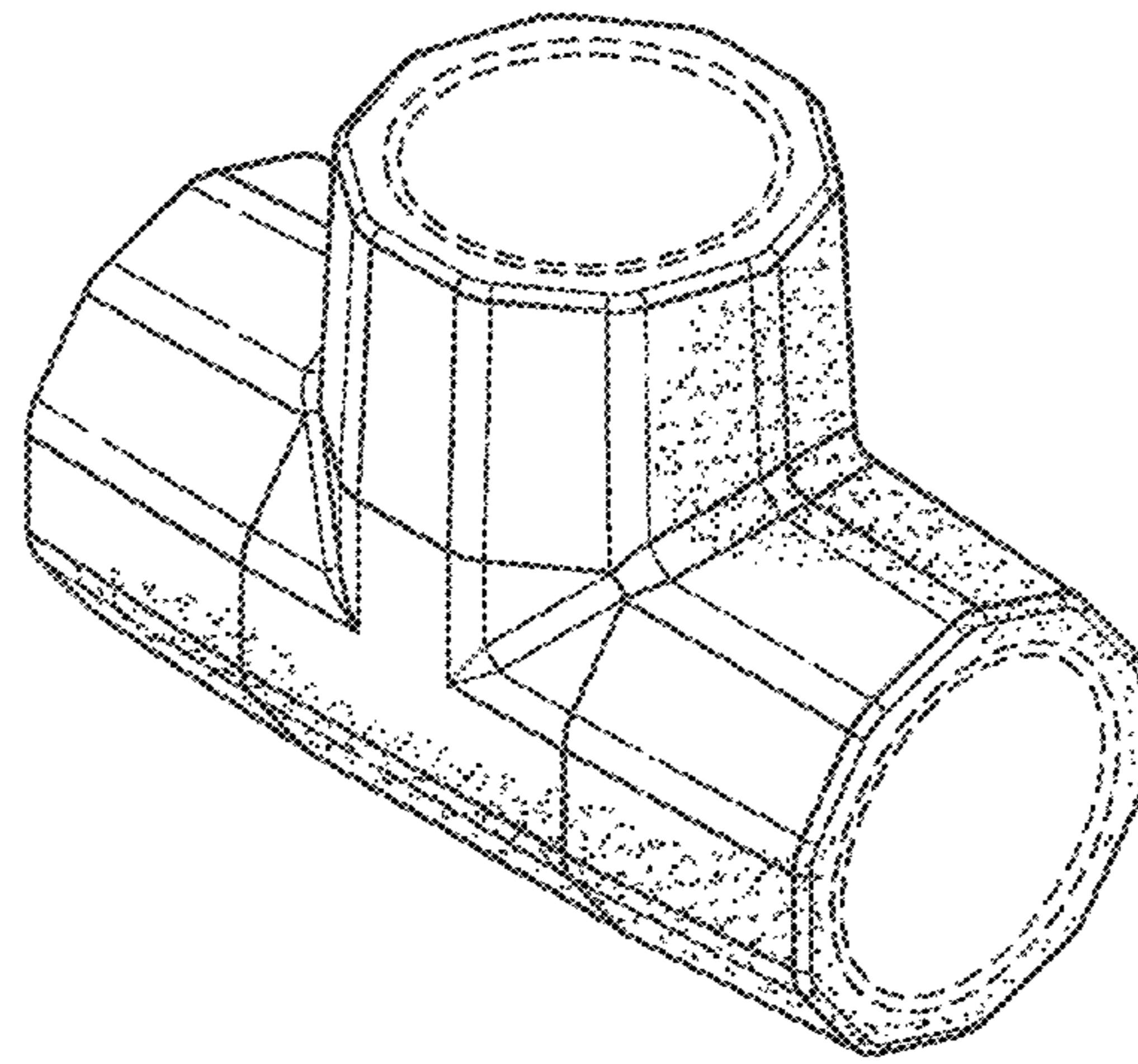


FIG. 21

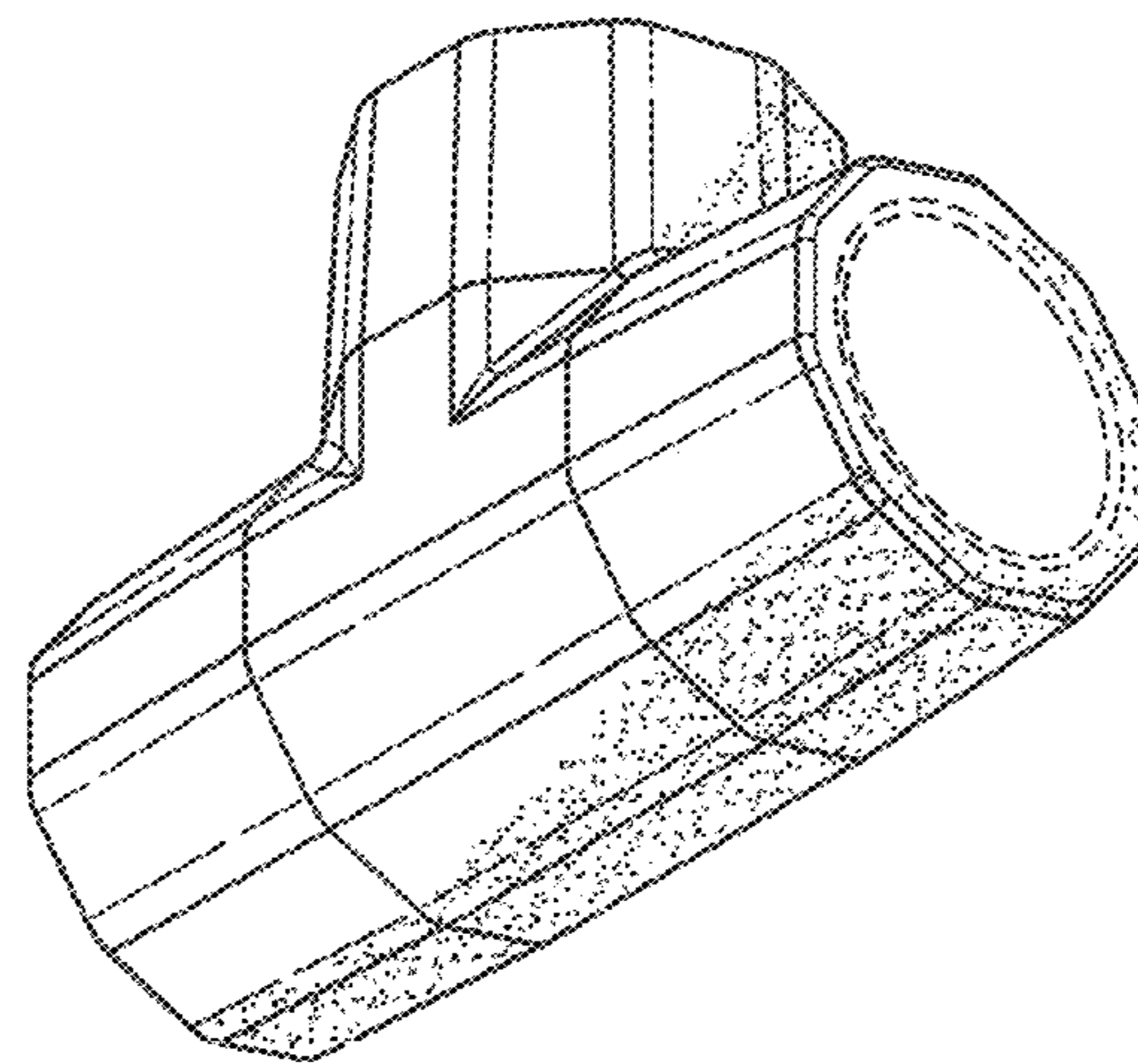


FIG. 22

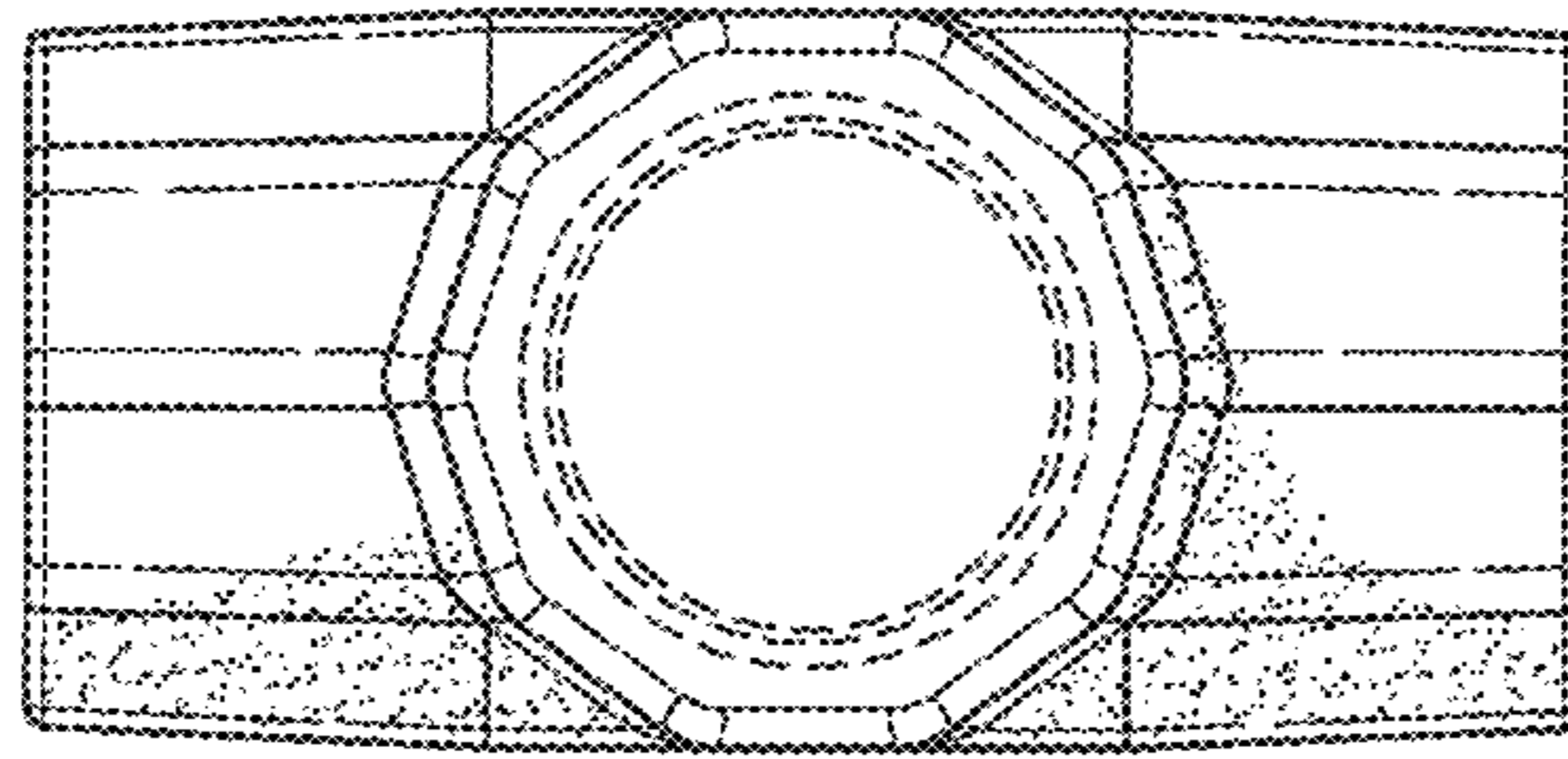


FIG. 23

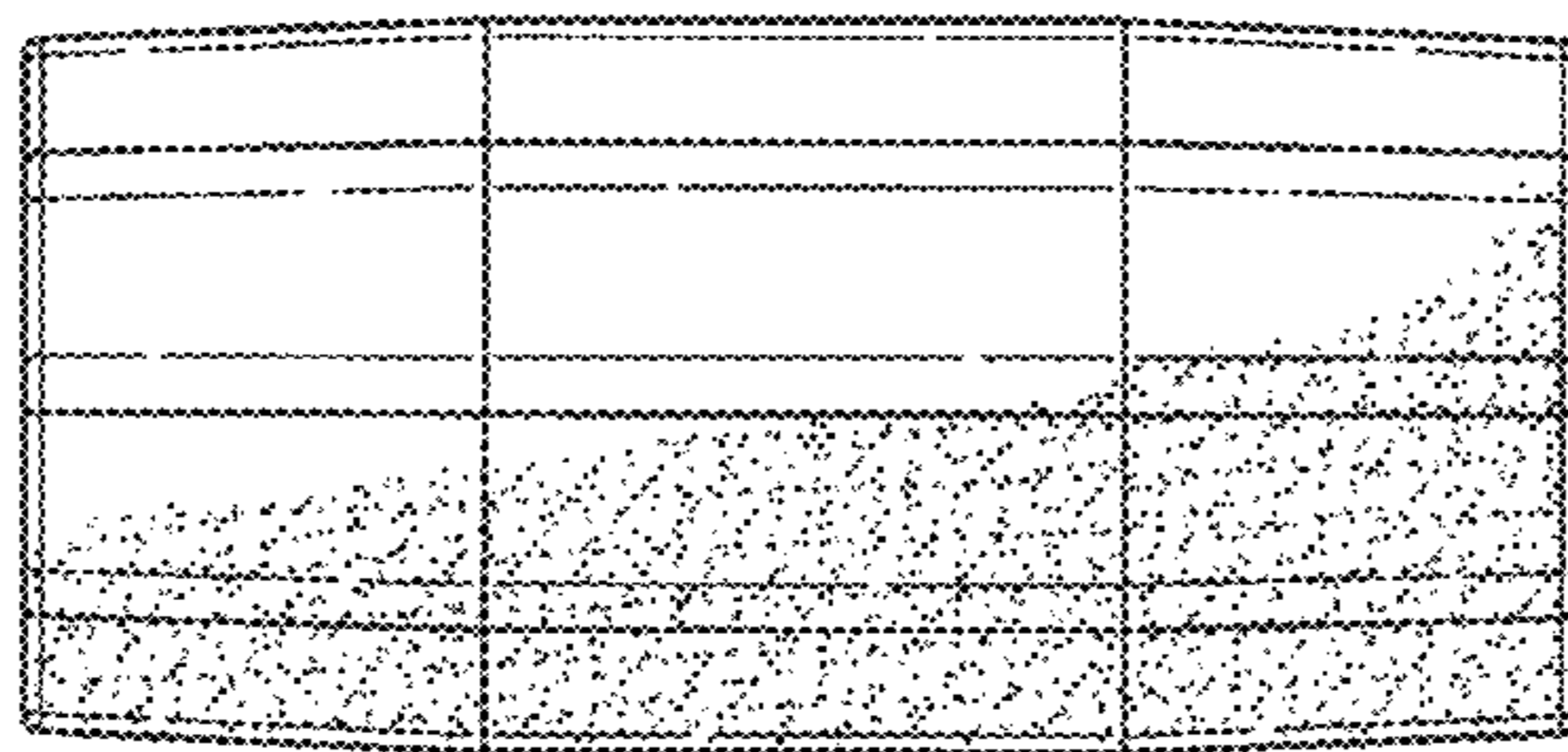


FIG. 24

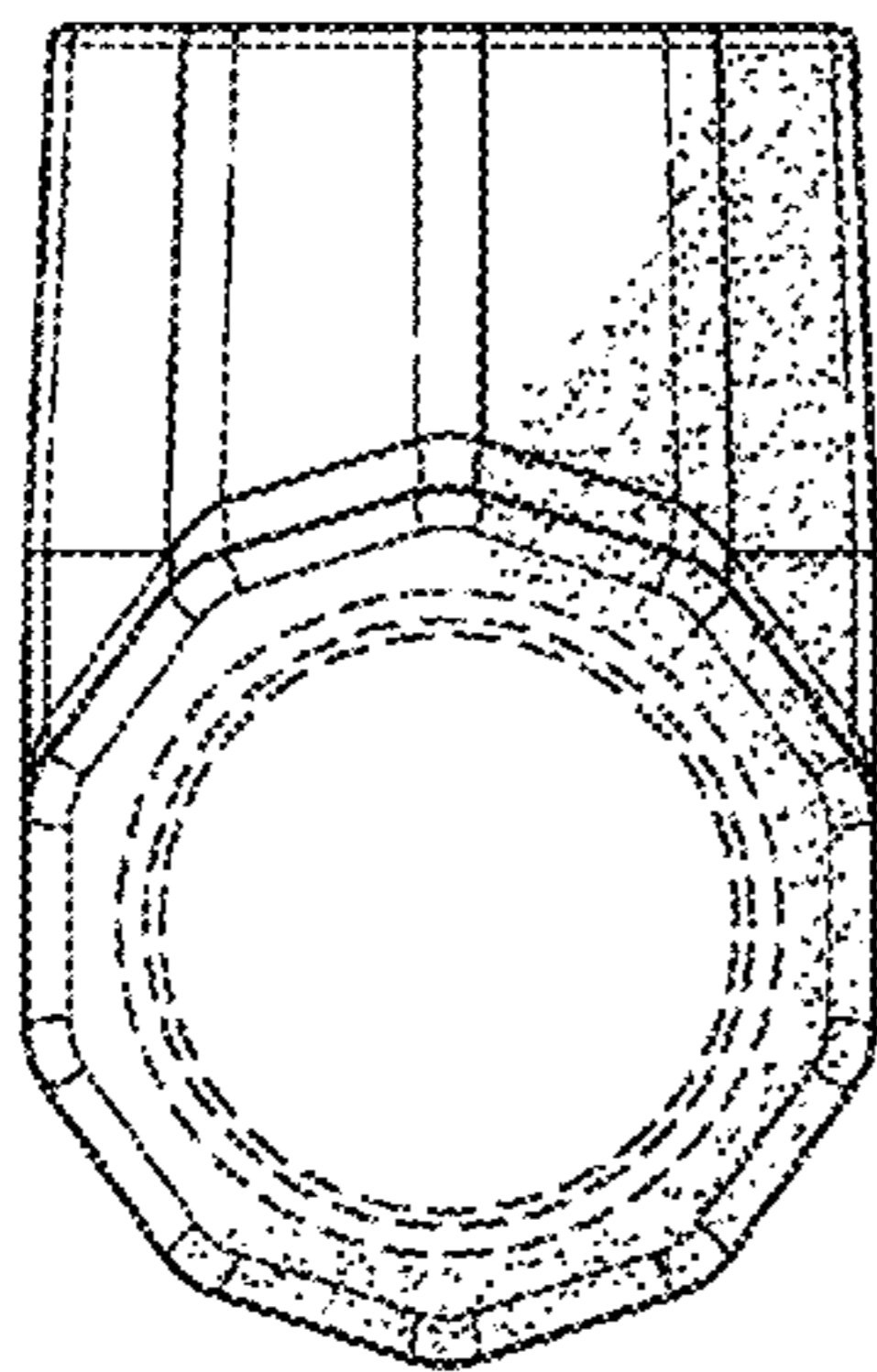


FIG. 25

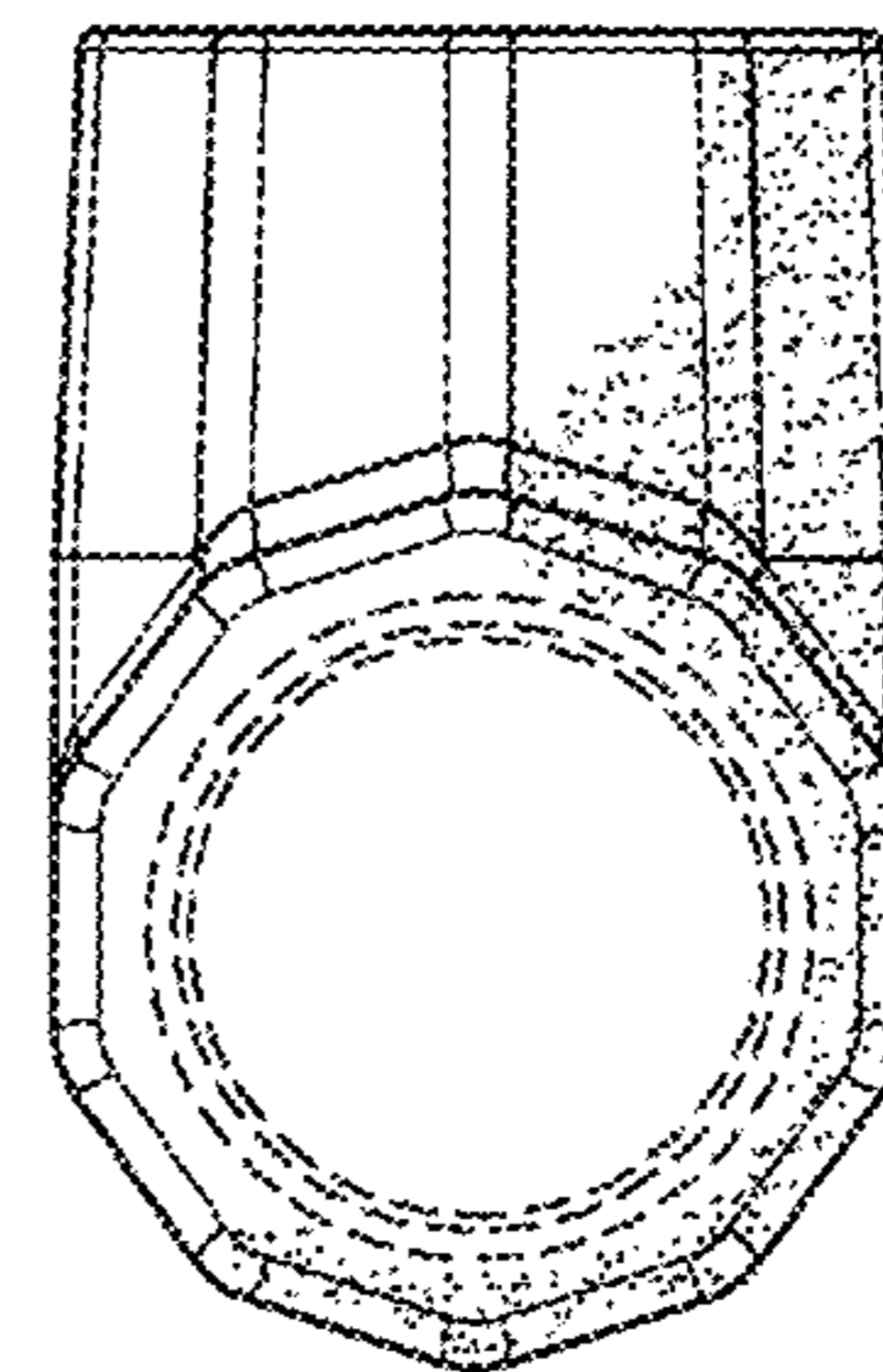


FIG. 26

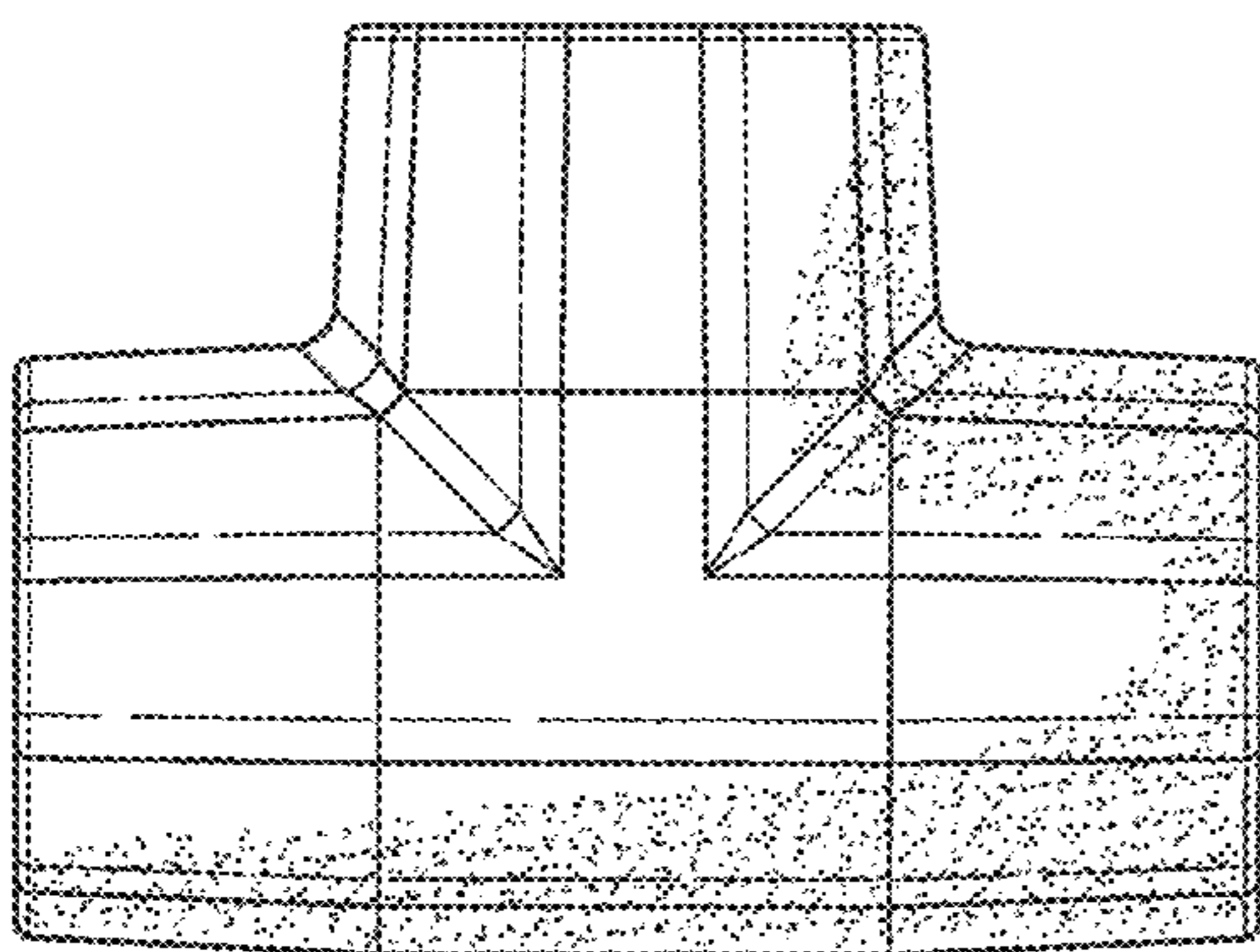


FIG. 27

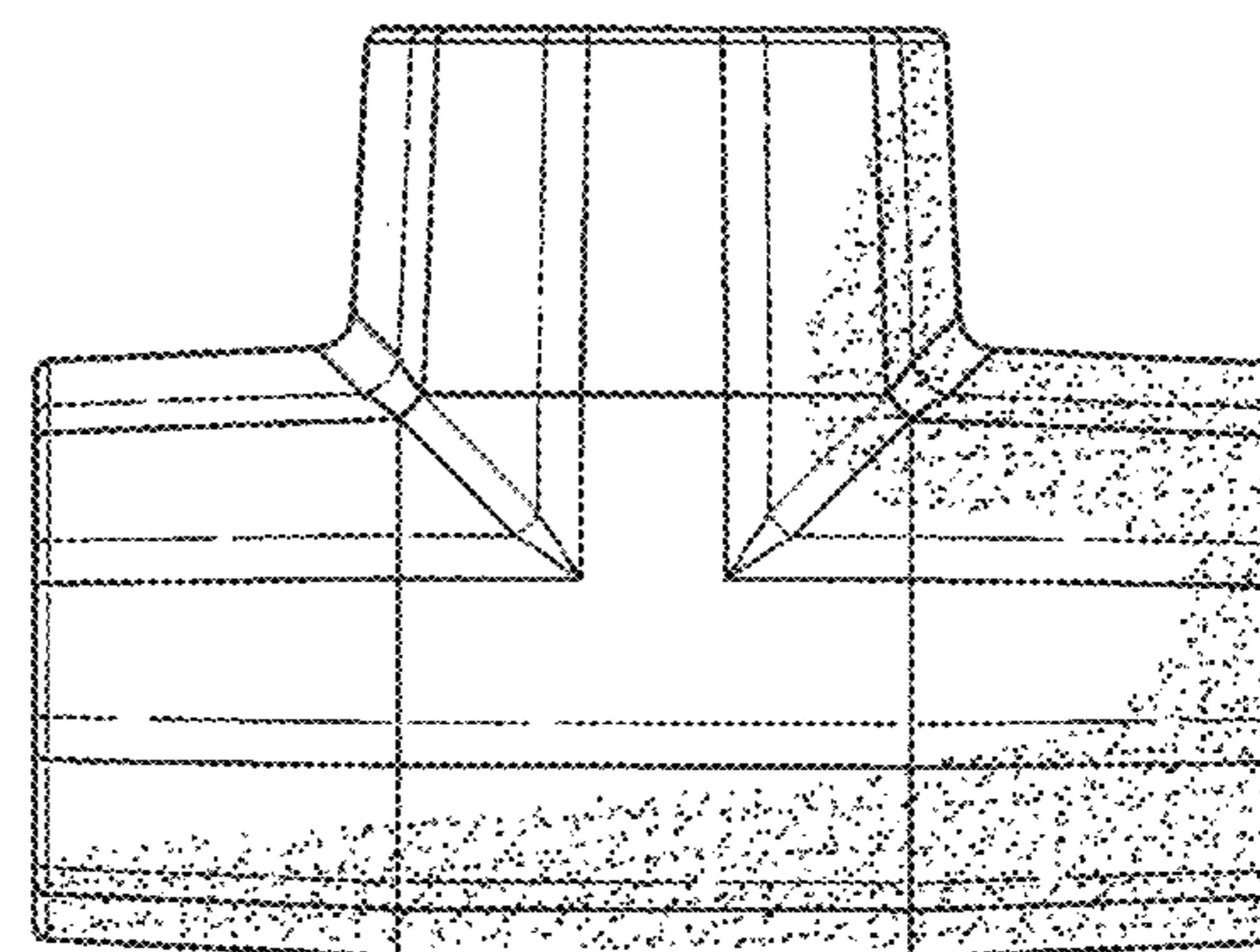


FIG. 28

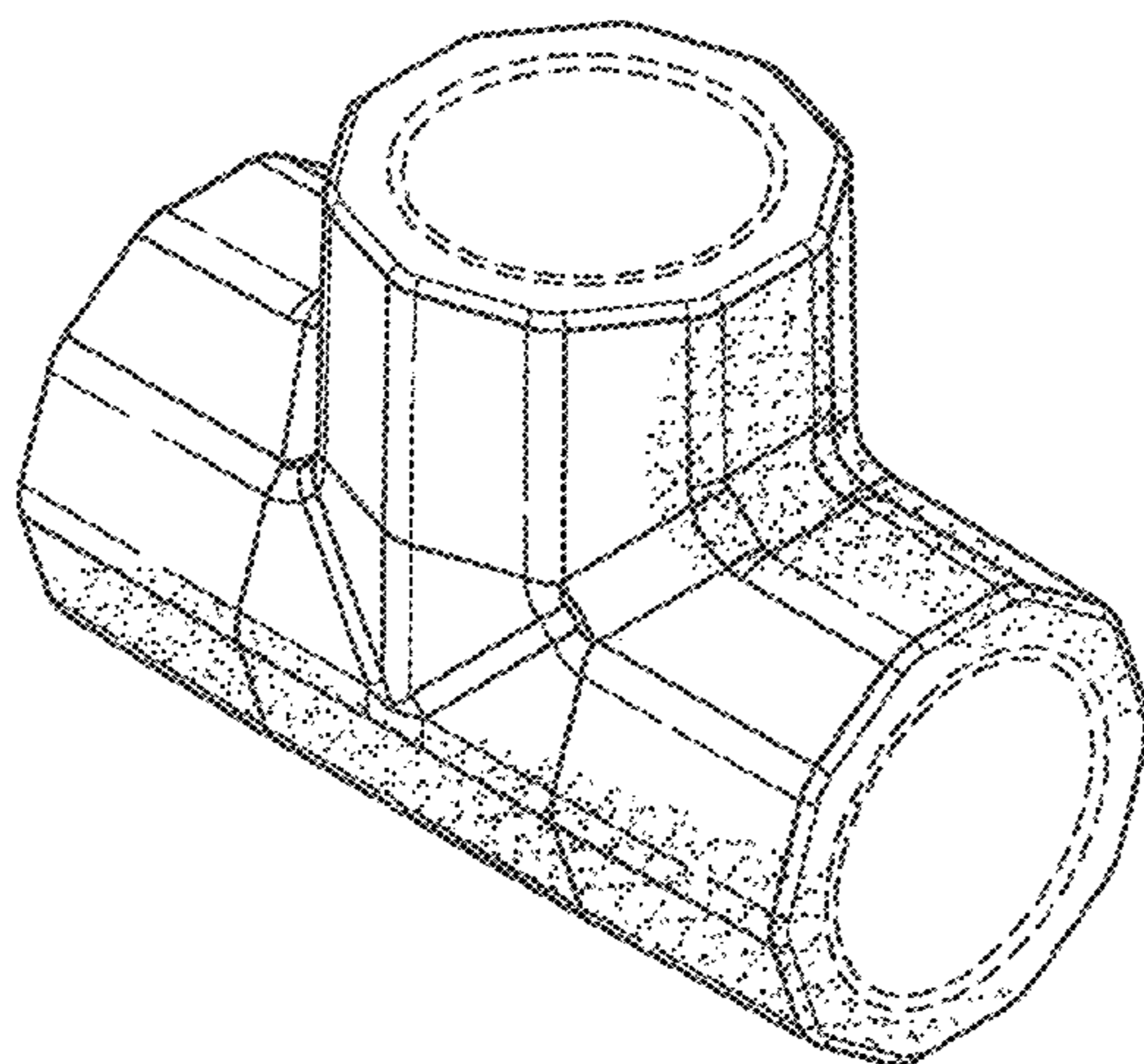


FIG. 29

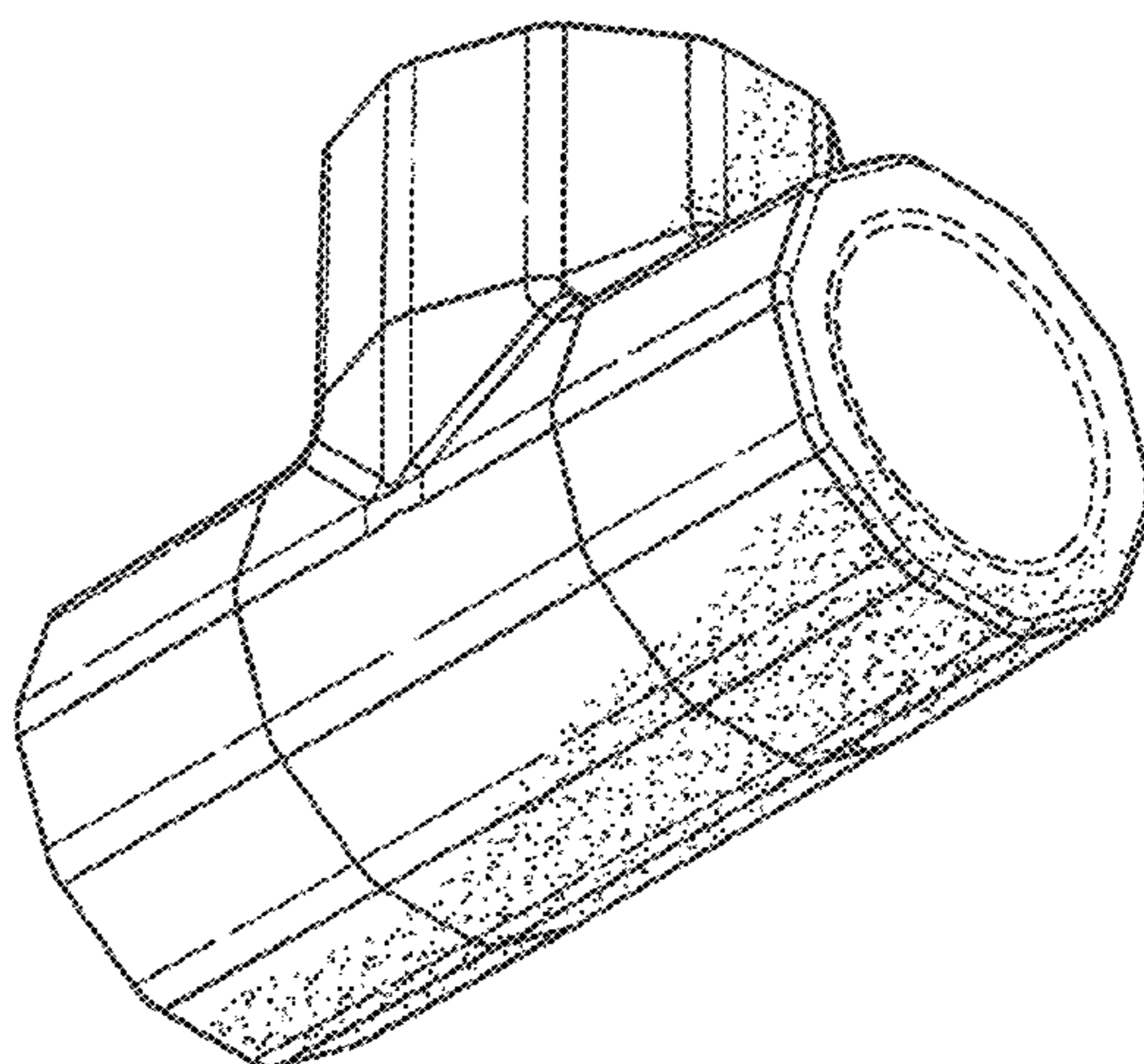


FIG. 30

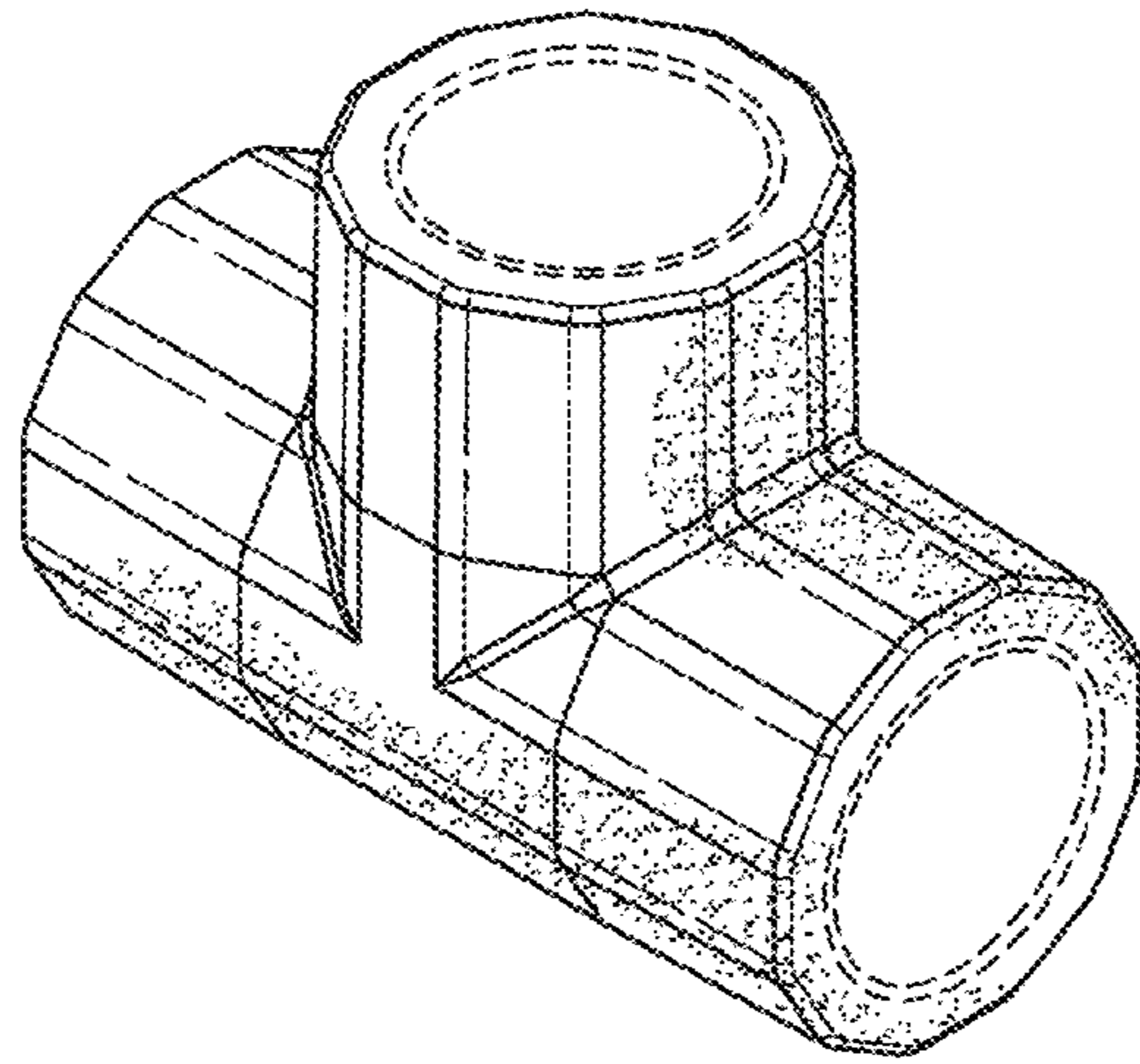


FIG. 31

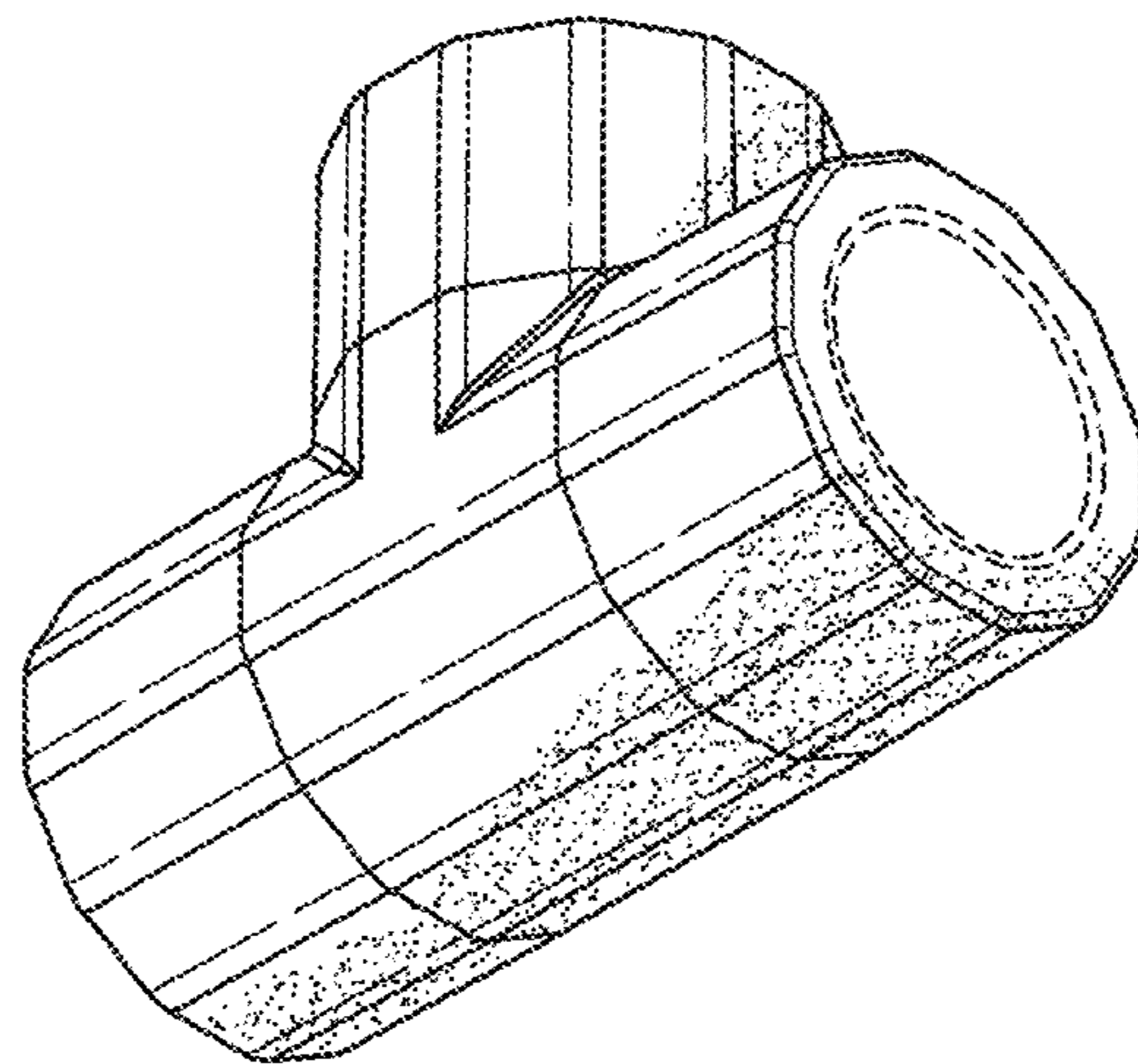


FIG. 32

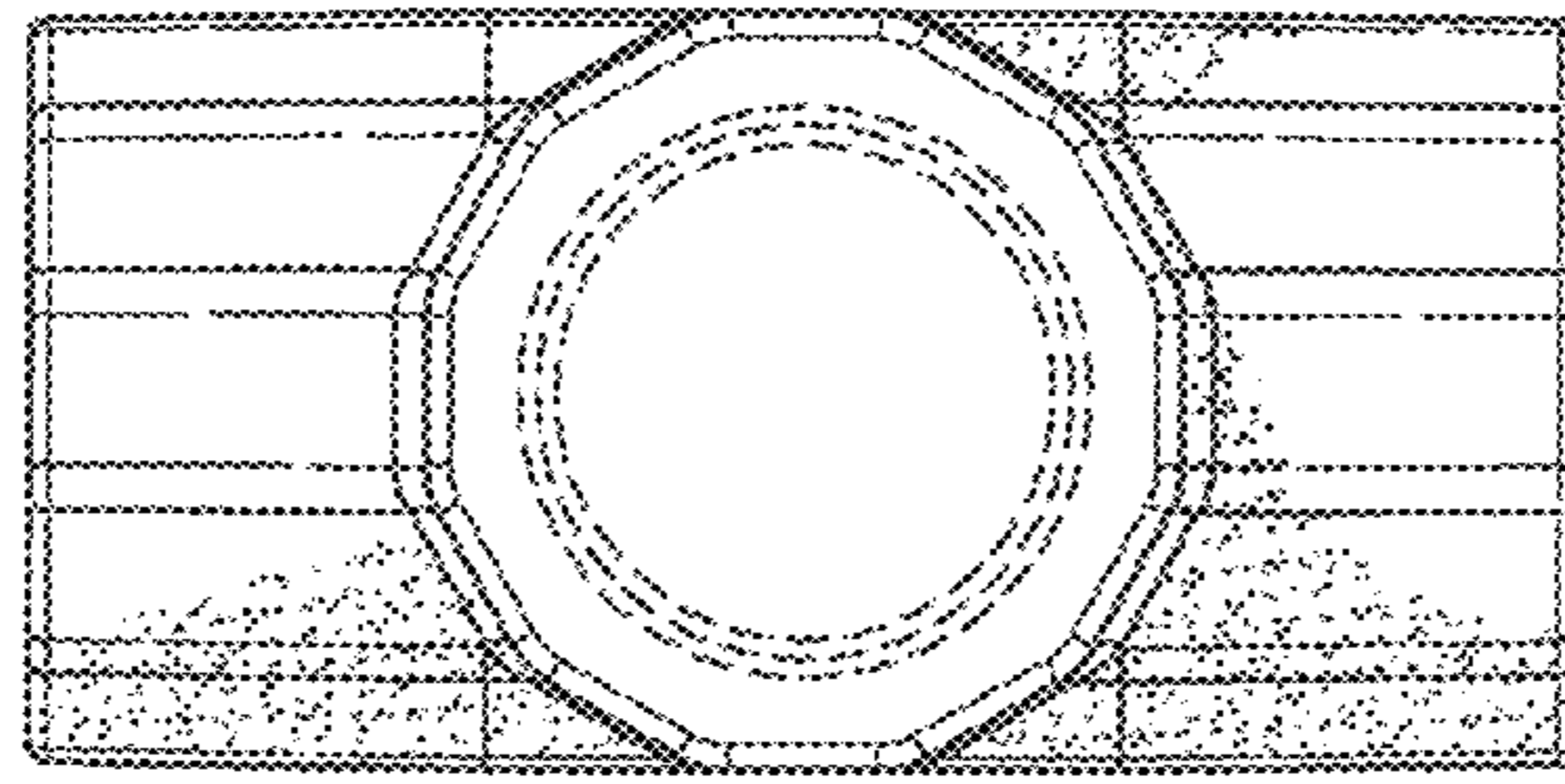


FIG. 33

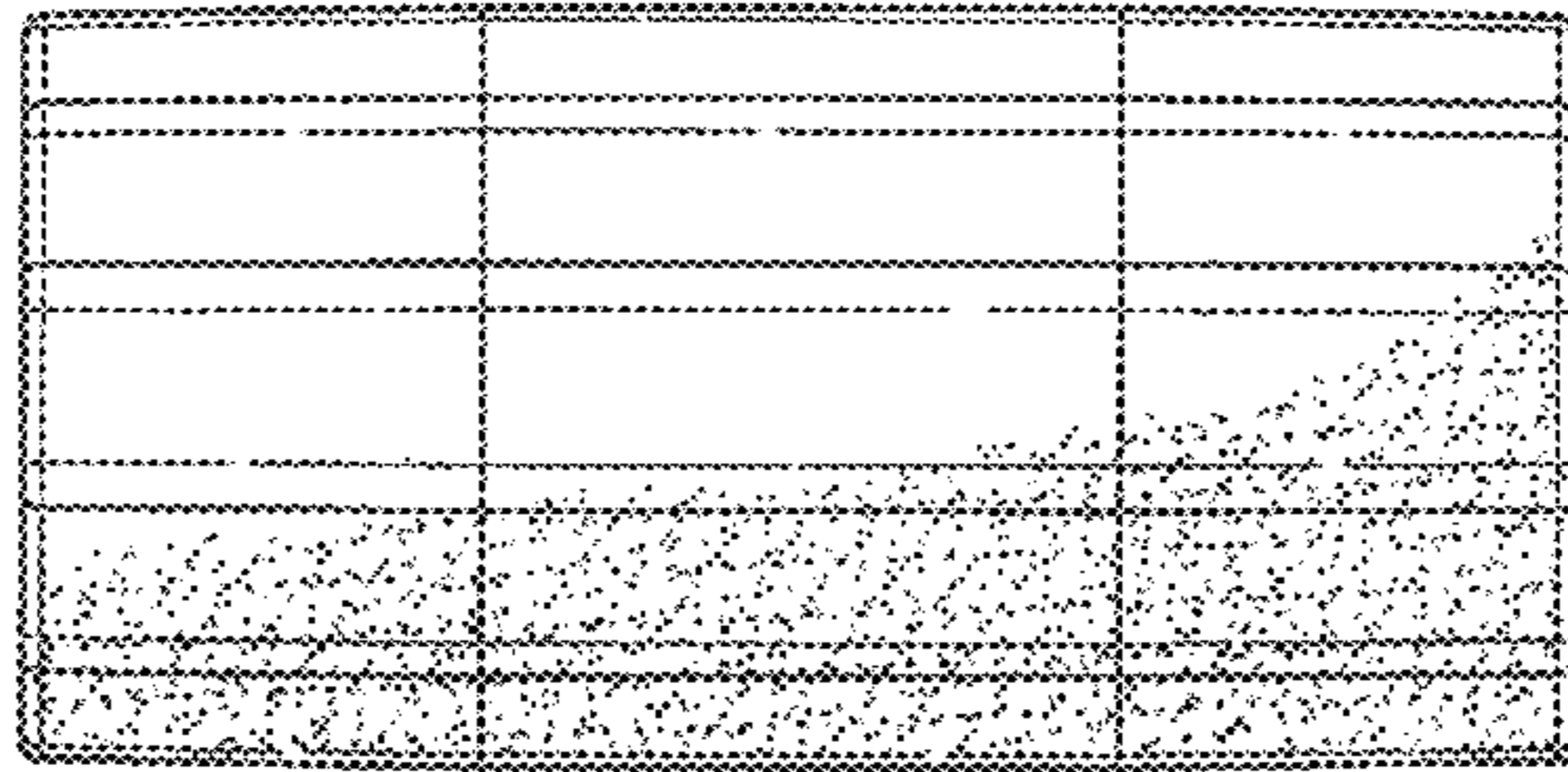


FIG. 34

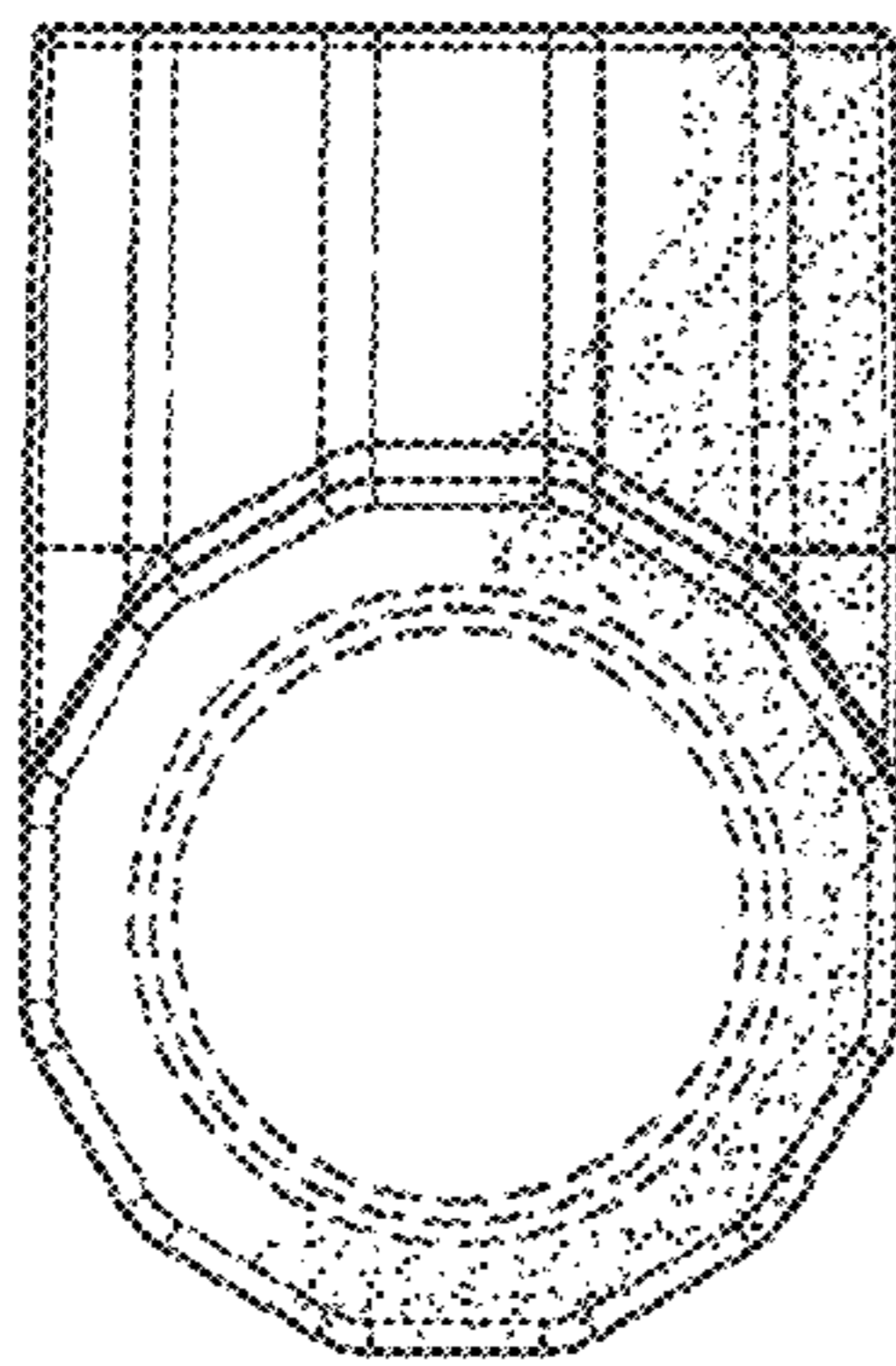


FIG. 35

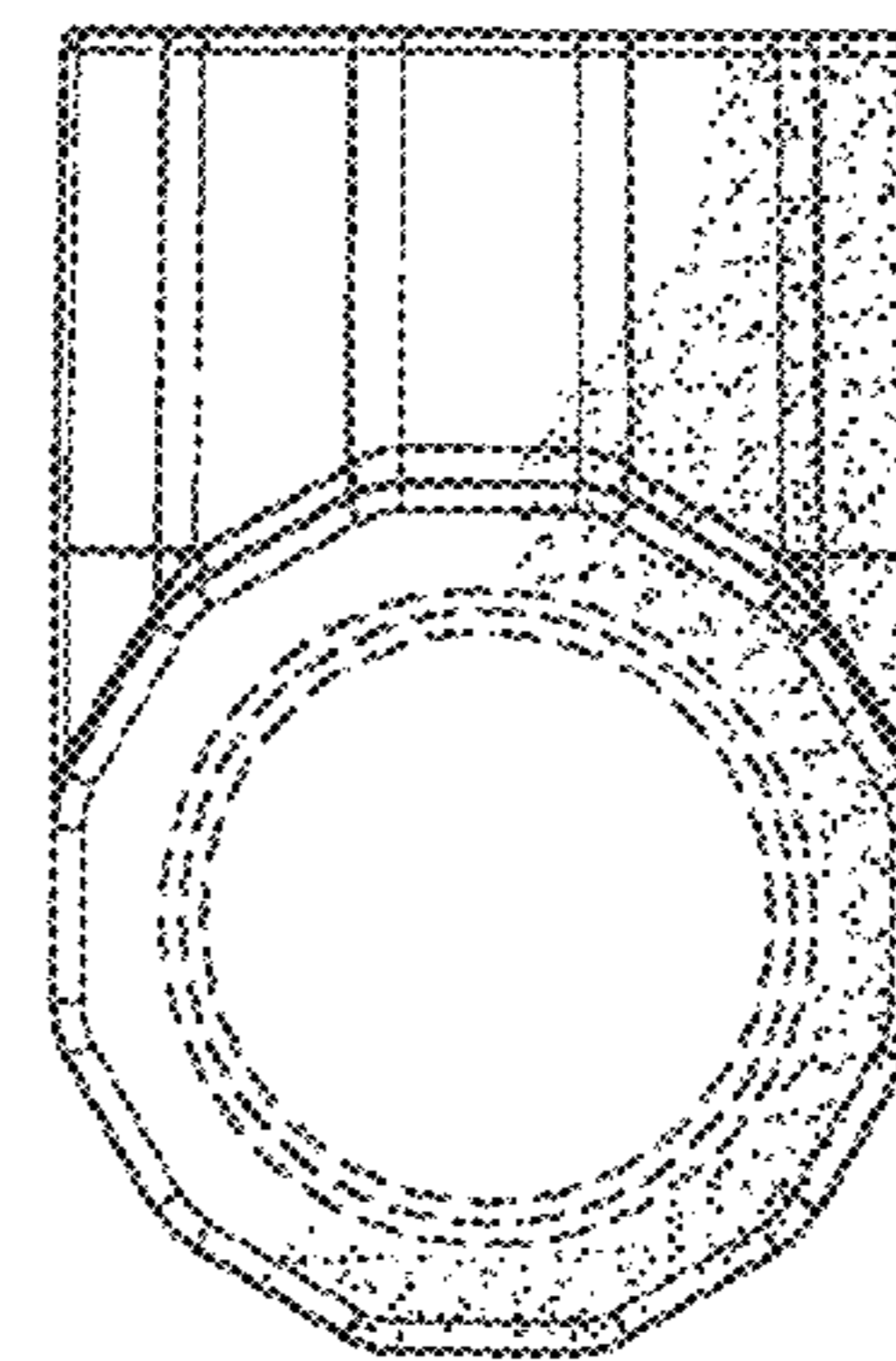


FIG. 36

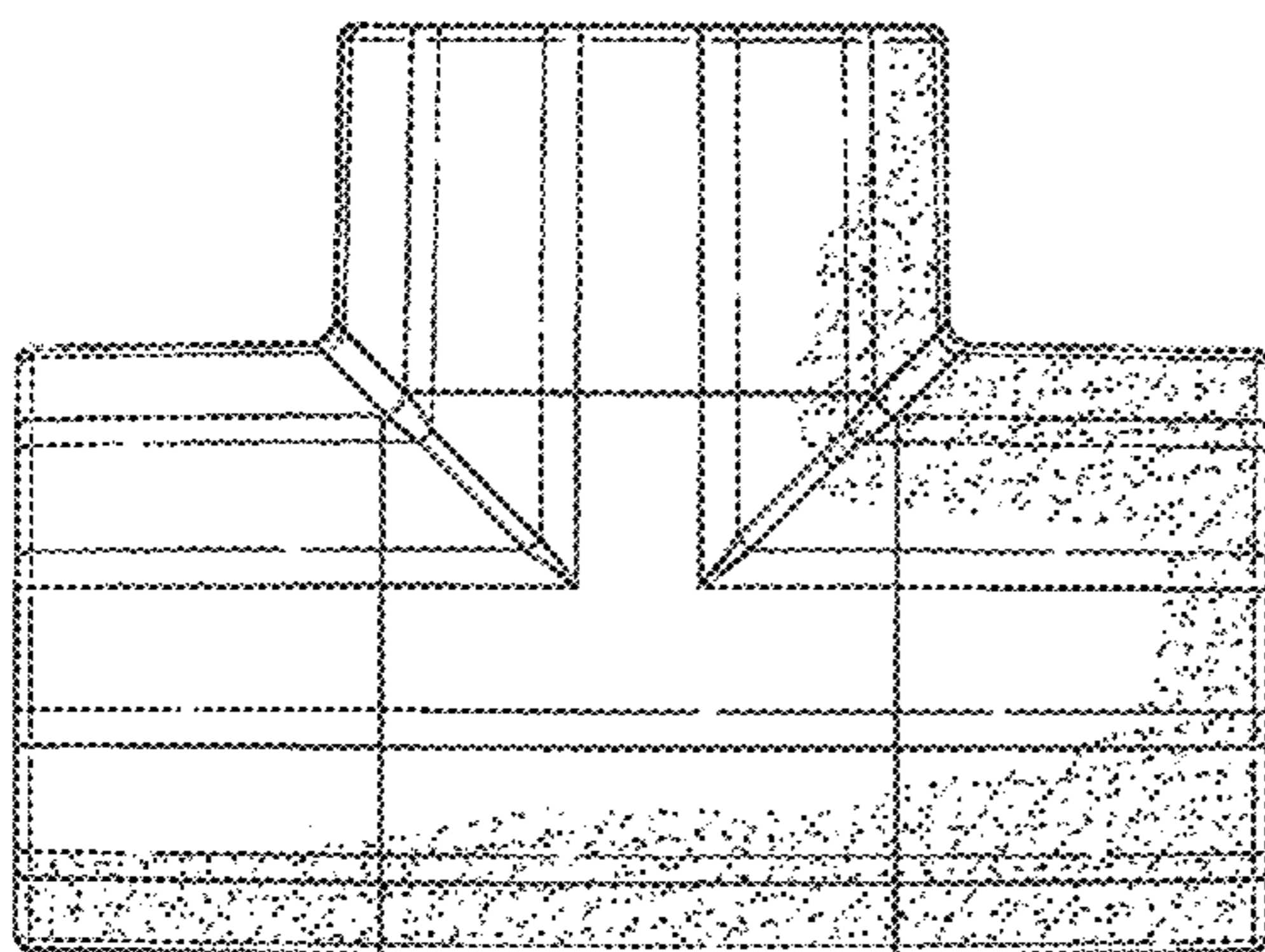


FIG. 37

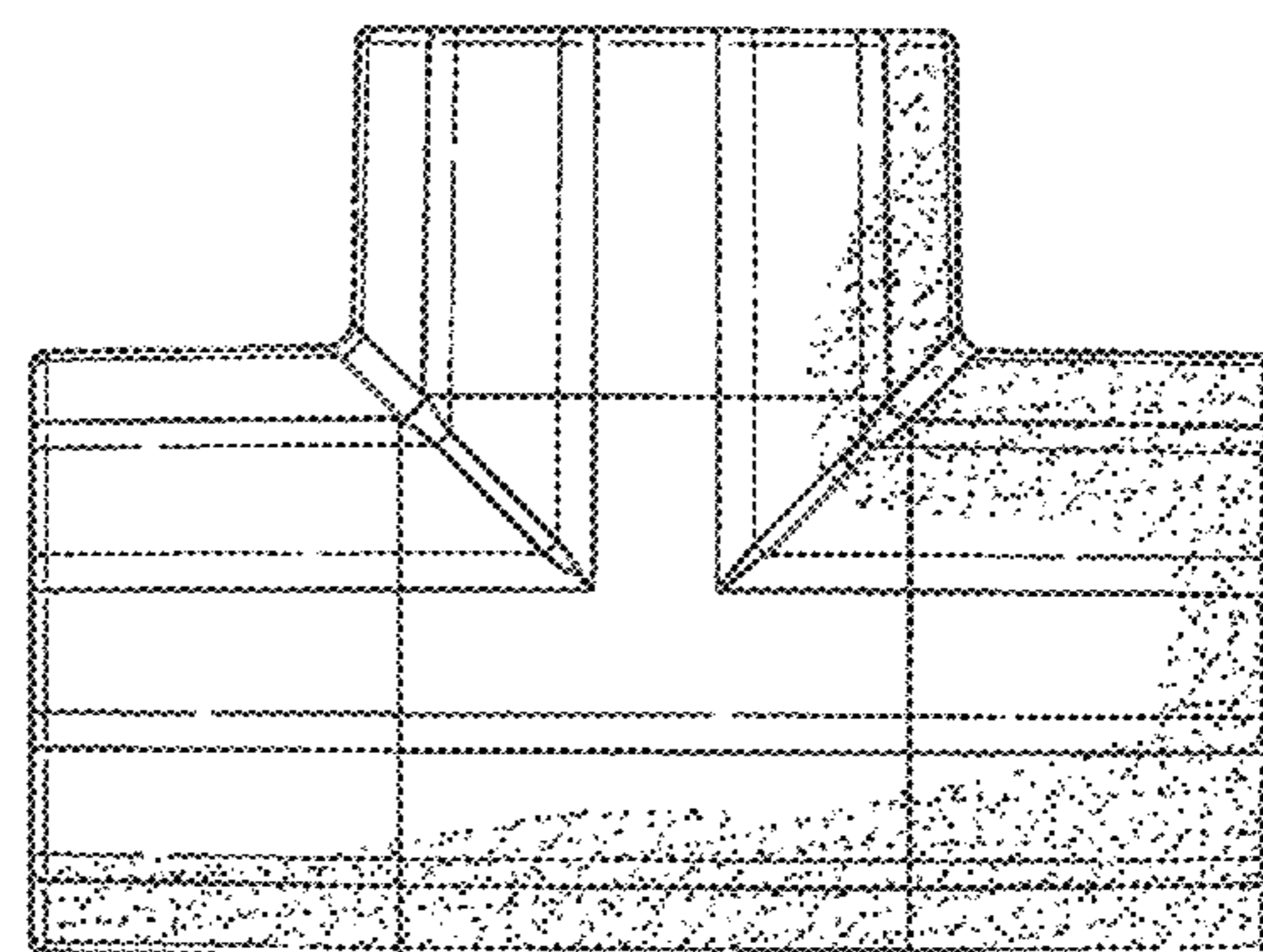


FIG. 38

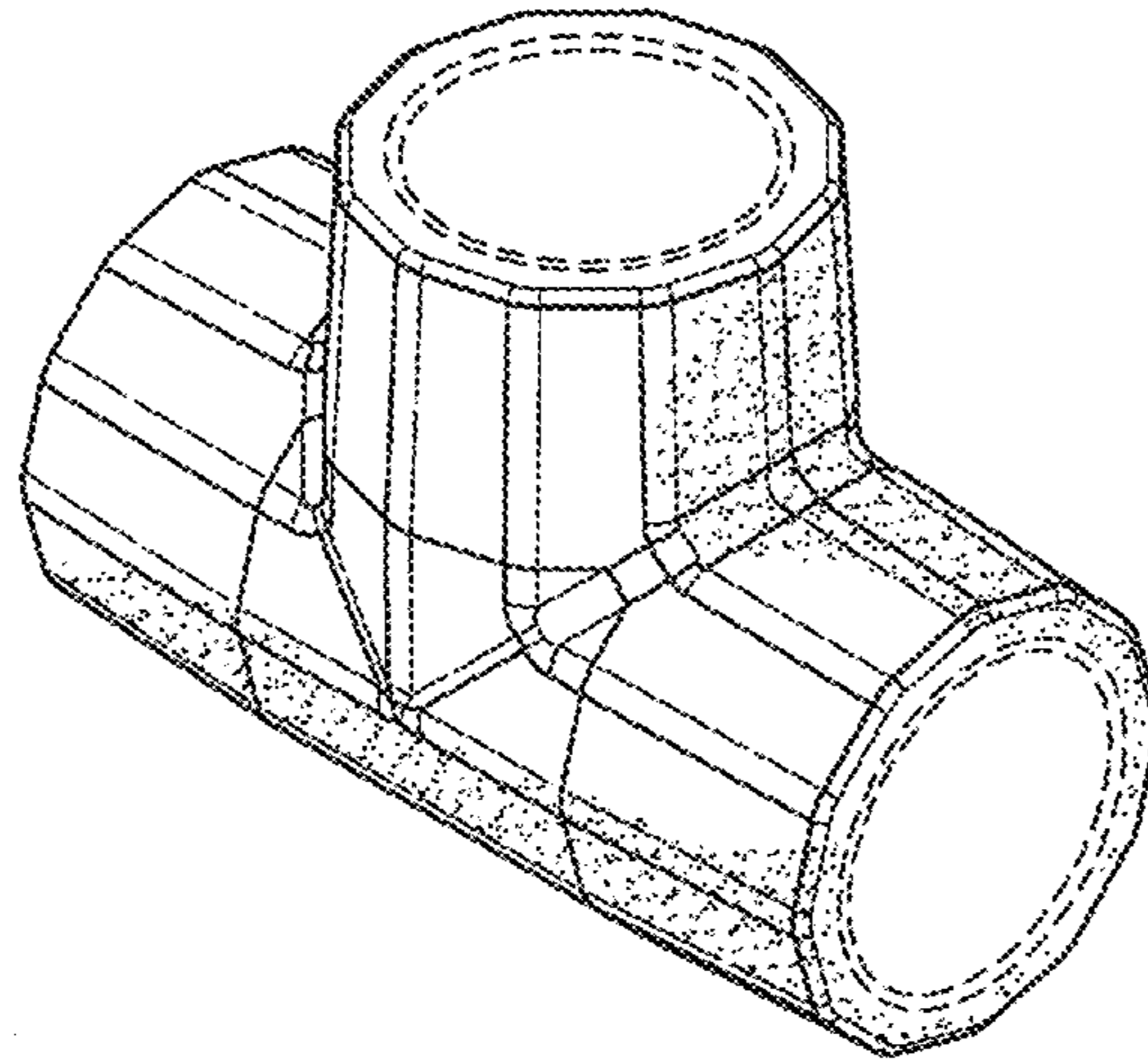


FIG. 39

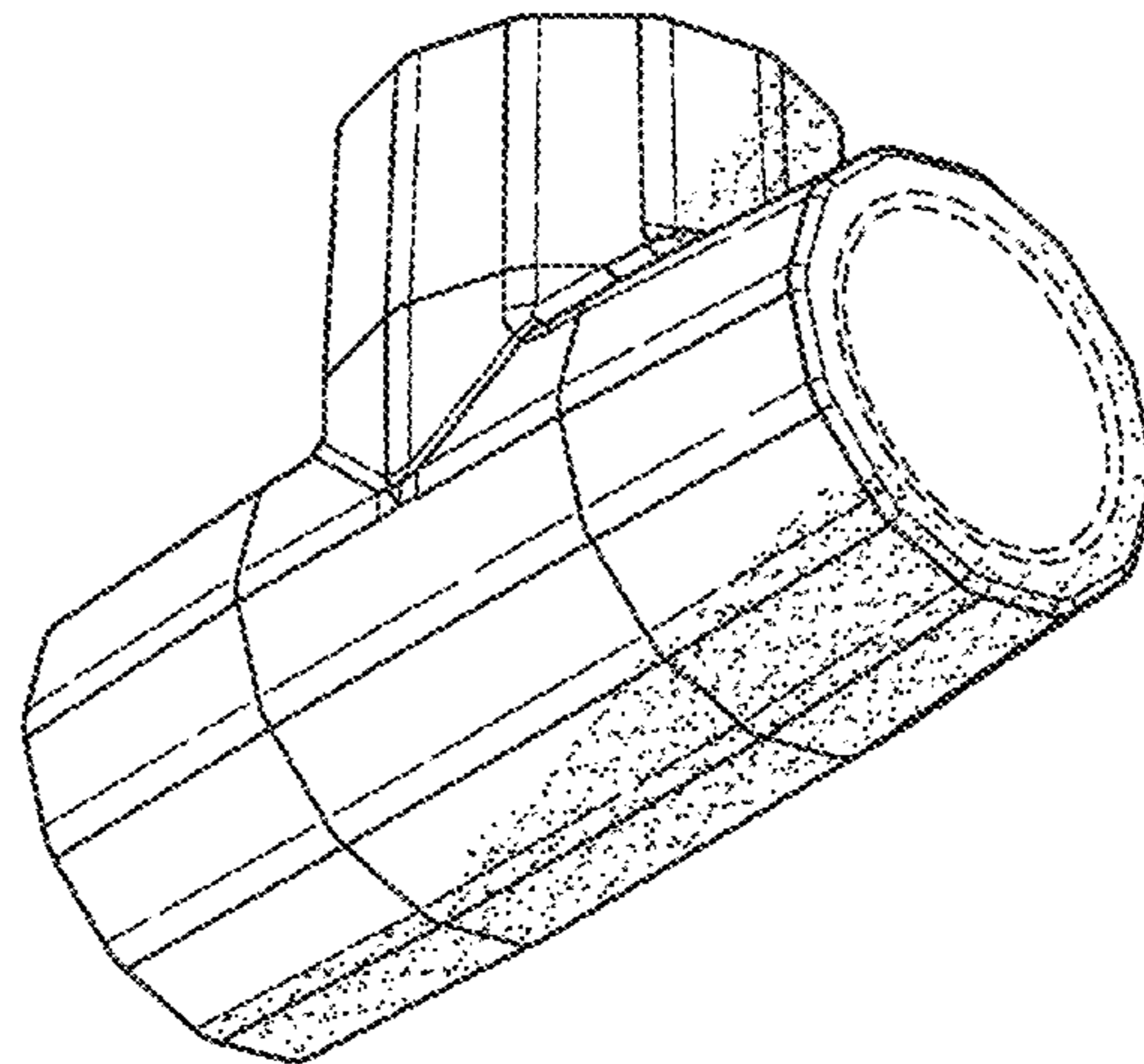


FIG. 40