



US00D672369S

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

(10) **Patent No.:** **US D672,369 S**
(45) **Date of Patent:** **** Dec. 11, 2012**

(54) **EXTRACTION TONGS**

(75) Inventors: **Paul D. Secker**, Green Bay, WI (US);
Shane T. Brunette, Sturgeon Bay, WI
(US); **Adam W. Lindley**, Green Bay, WI
(US); **William L. Garfield**, Green Bay,
WI (US)

(73) Assignee: **S.A.S. of Luxemburg, Ltd.**, Luxemburg,
WI (US)

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

(21) Appl. No.: **29/416,655**

(22) Filed: **Mar. 26, 2012**

(51) **LOC (9) Cl.** **15-03**

(52) **U.S. Cl.** **D15/28**

(58) **Field of Classification Search** D15/28,
D15/29, 32; D34/34, 35; 414/735, 729,
414/739, 738; 294/106, 198, 86.41, 88
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,582,127	A *	6/1971	Johnson	294/112
3,759,564	A *	9/1973	Seaberg	294/198
3,902,614	A *	9/1975	Roberts et al.	414/735
4,057,278	A *	11/1977	Gotzen	294/198
4,327,943	A *	5/1982	Longo	294/68.23
4,426,110	A *	1/1984	Mitchell et al.	294/198
4,542,929	A *	9/1985	Possinger	294/198
D306,599	S *	3/1990	Hunter	D15/32
D323,170	S *	1/1992	Takahashi	D15/32
5,330,242	A *	7/1994	Lucky, Sr.	294/198
D408,609	S *	4/1999	Oja et al.	D34/35

6,168,219	B1 *	1/2001	Futa	294/3
6,203,267	B1 *	3/2001	Heiple et al.	414/722
6,209,237	B1 *	4/2001	Heiple et al.	37/406
D442,757	S *	5/2001	Loflin, Sr.	D34/35
6,260,294	B1 *	7/2001	Pitcher	37/406
6,315,344	B1 *	11/2001	Mattson et al.	294/86.41
6,457,761	B1 *	10/2002	Benoit	294/86.41
D496,945	S *	10/2004	Daniel	D15/32
7,000,339	B1 *	2/2006	Ramun	37/406
7,066,076	B2 *	6/2006	Roy et al.	92/106
7,207,610	B1 *	4/2007	Kauppila	294/198
8,002,004	B2 *	8/2011	Smythe	144/24.13

* cited by examiner

Primary Examiner — Mark Goodwin

(74) *Attorney, Agent, or Firm* — Donald J. Ersler

(57) **CLAIM**

The ornamental design for extraction tongs, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of extraction tongs retained by an actuation mechanism in a refracted orientation incorporating my new design;

FIG. 2 is a front elevation view of extraction tongs in a retracted orientation thereof;

FIG. 3 is a front elevation view of extraction tongs in a closed orientation thereof;

FIG. 4 is a left side view thereof;

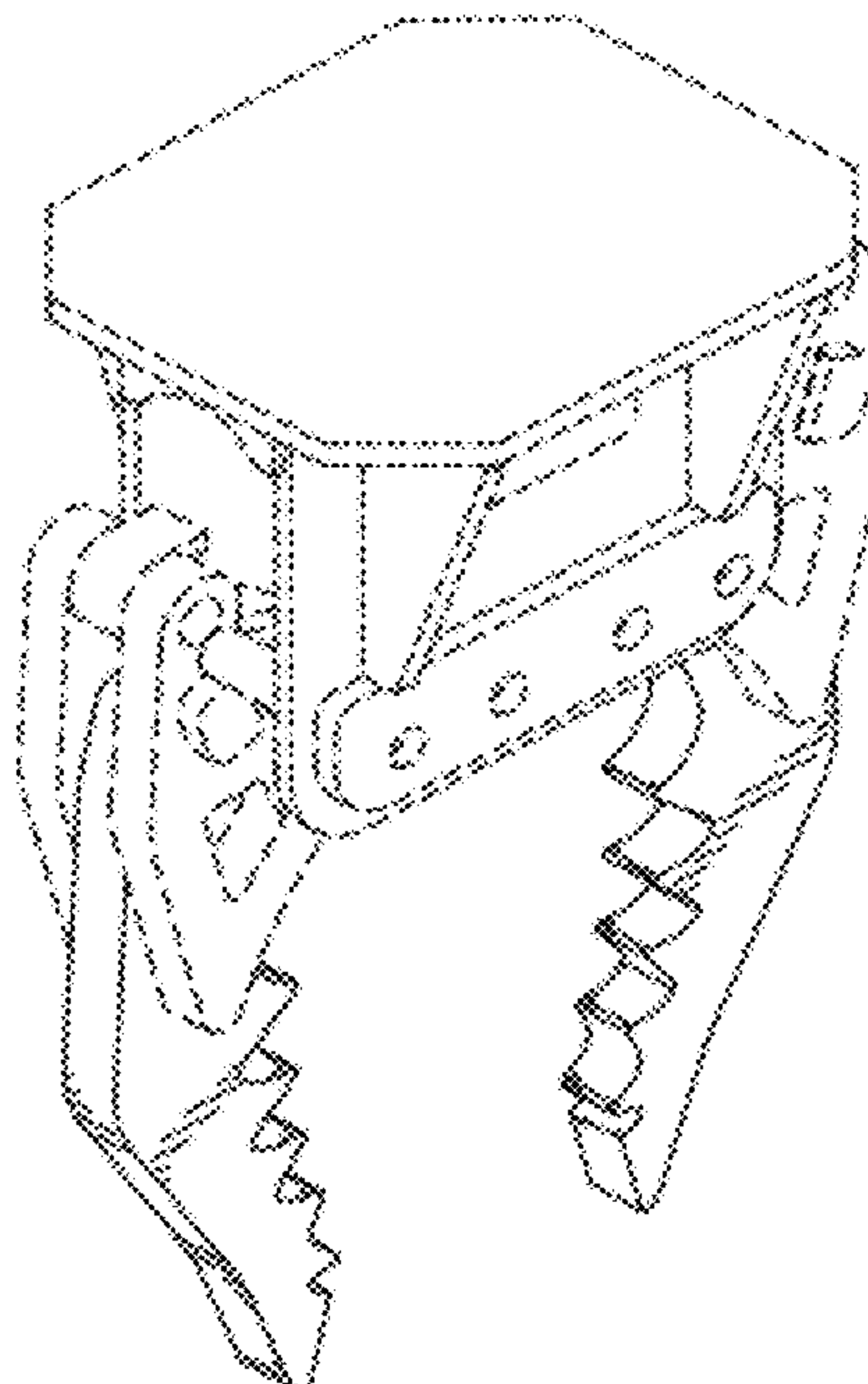
FIG. 5 is a right side view thereof;

FIG. 6 is a top plan view thereof; and,

FIG. 7 is a bottom plan view thereof.

The dashed lines in FIGS. 1-7 are for illustrative purposes only and form no part of the claimed invention.

1 Claim, 4 Drawing Sheets



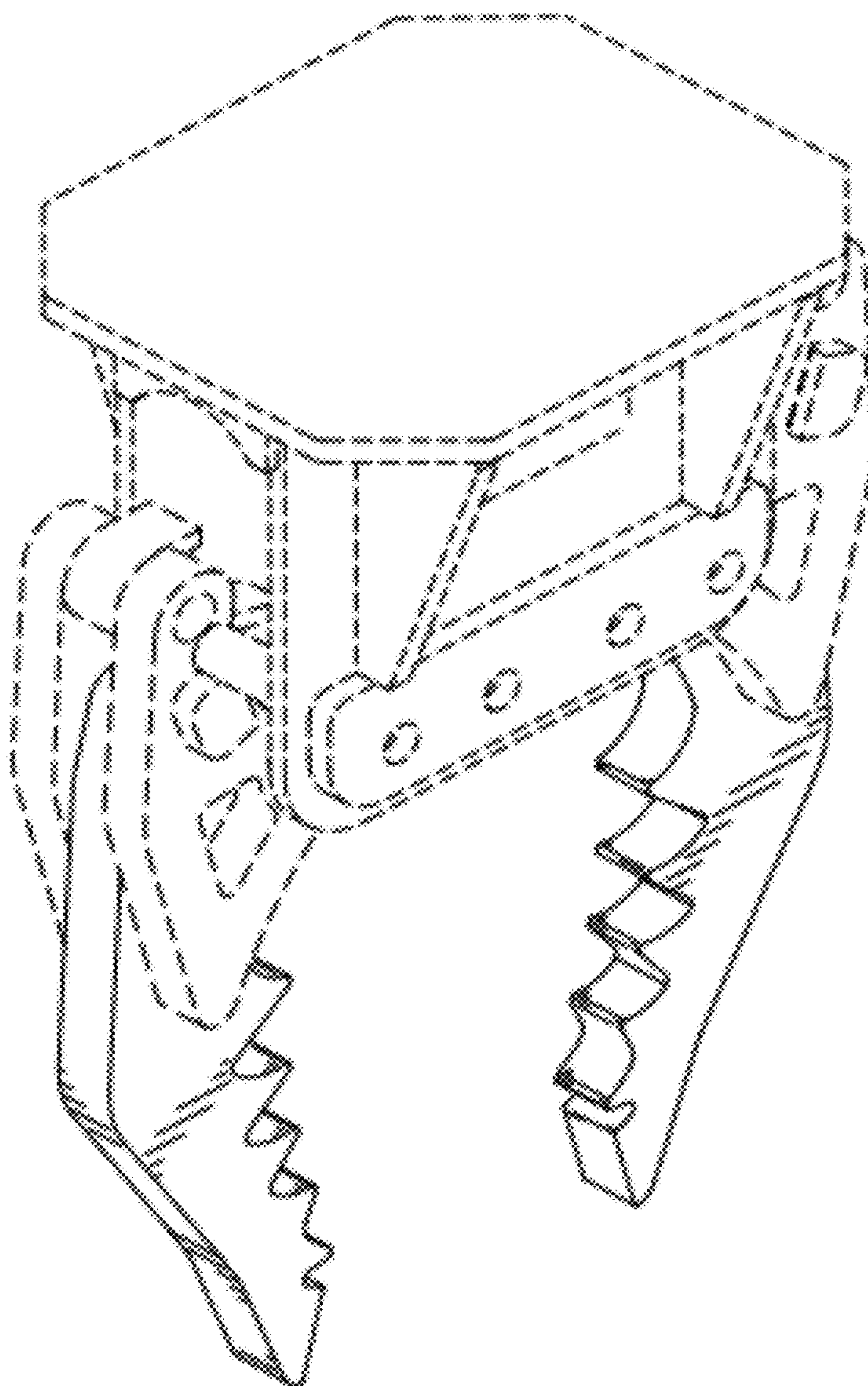


FIG. 1

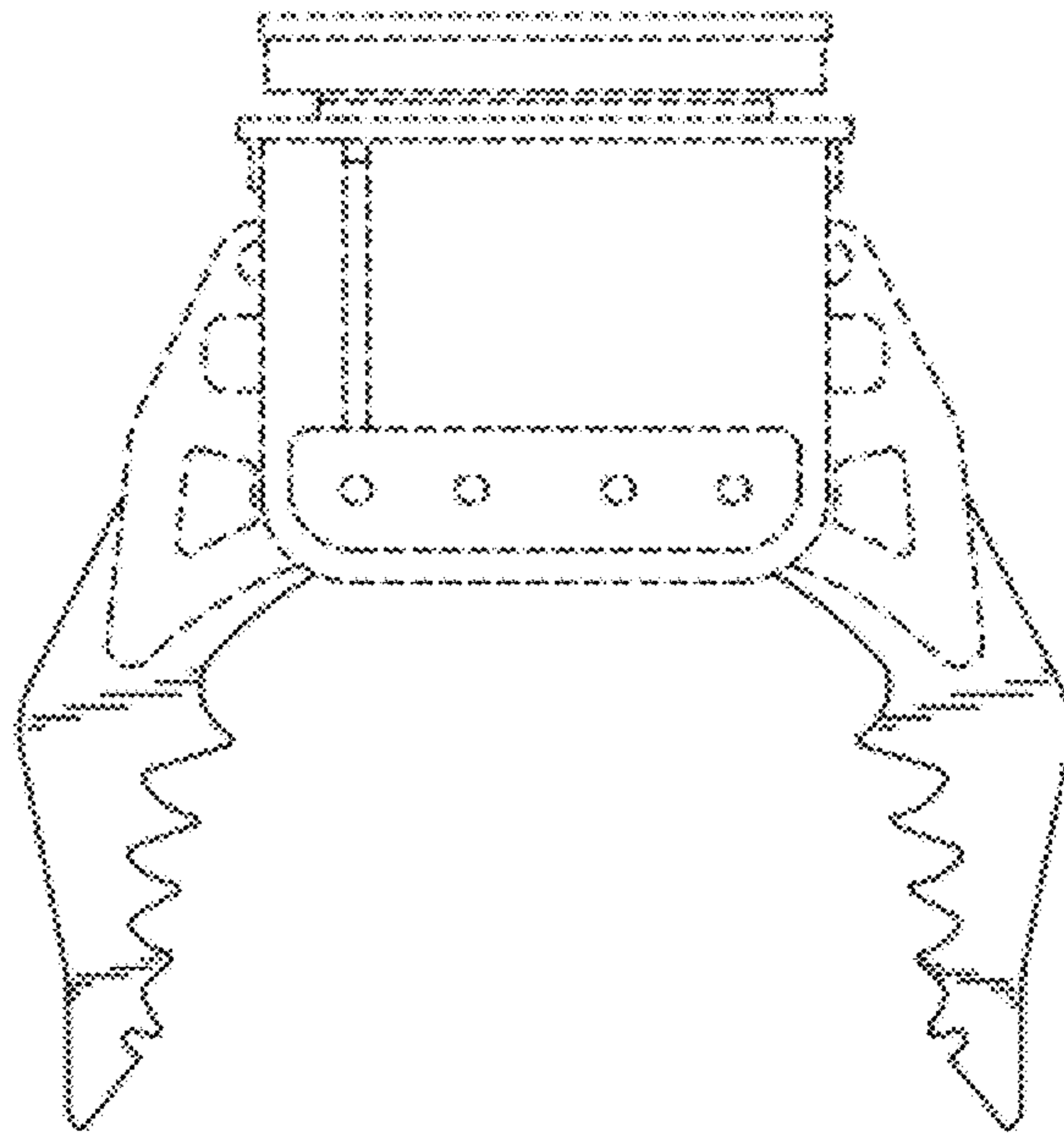


FIG. 2

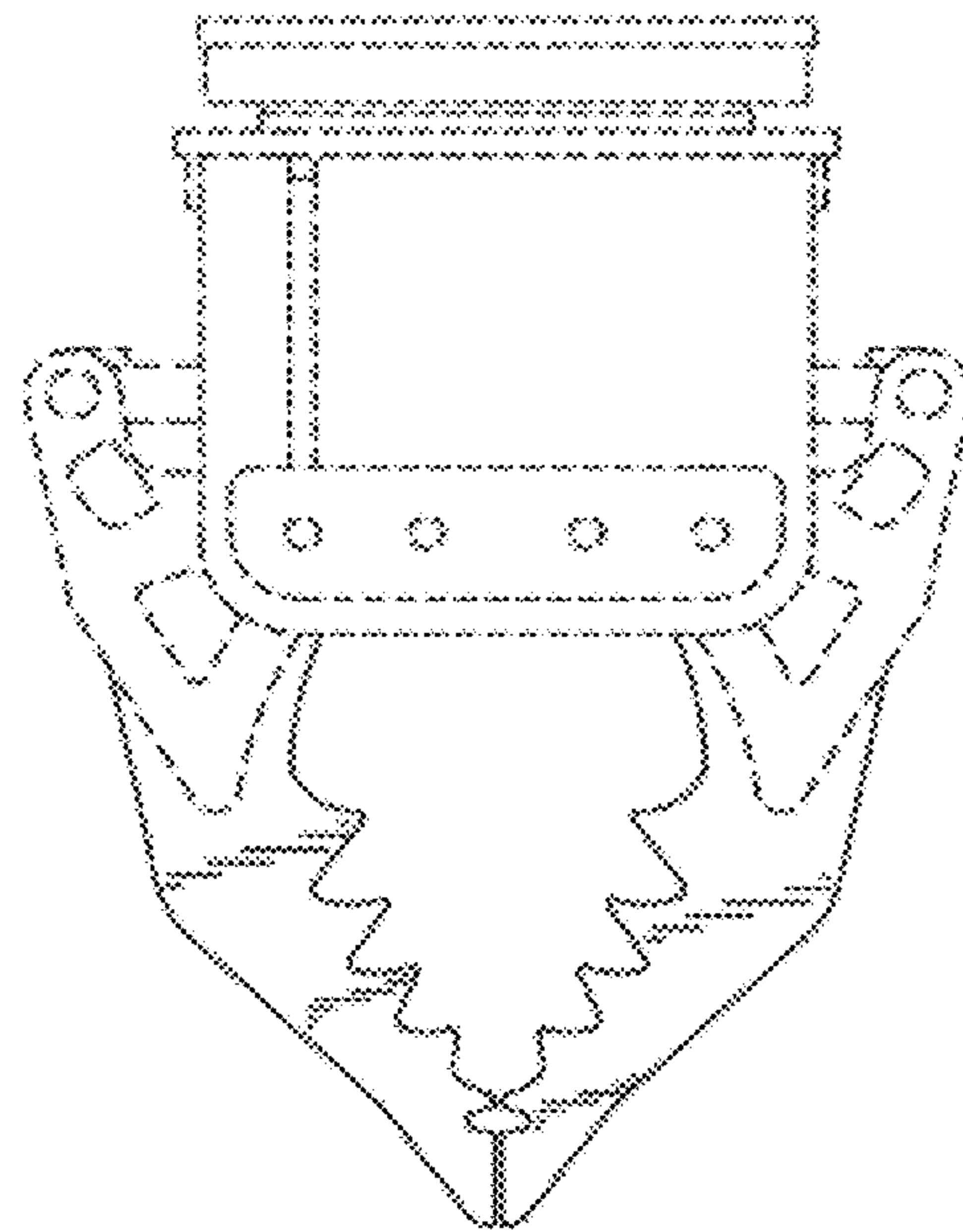


FIG. 3

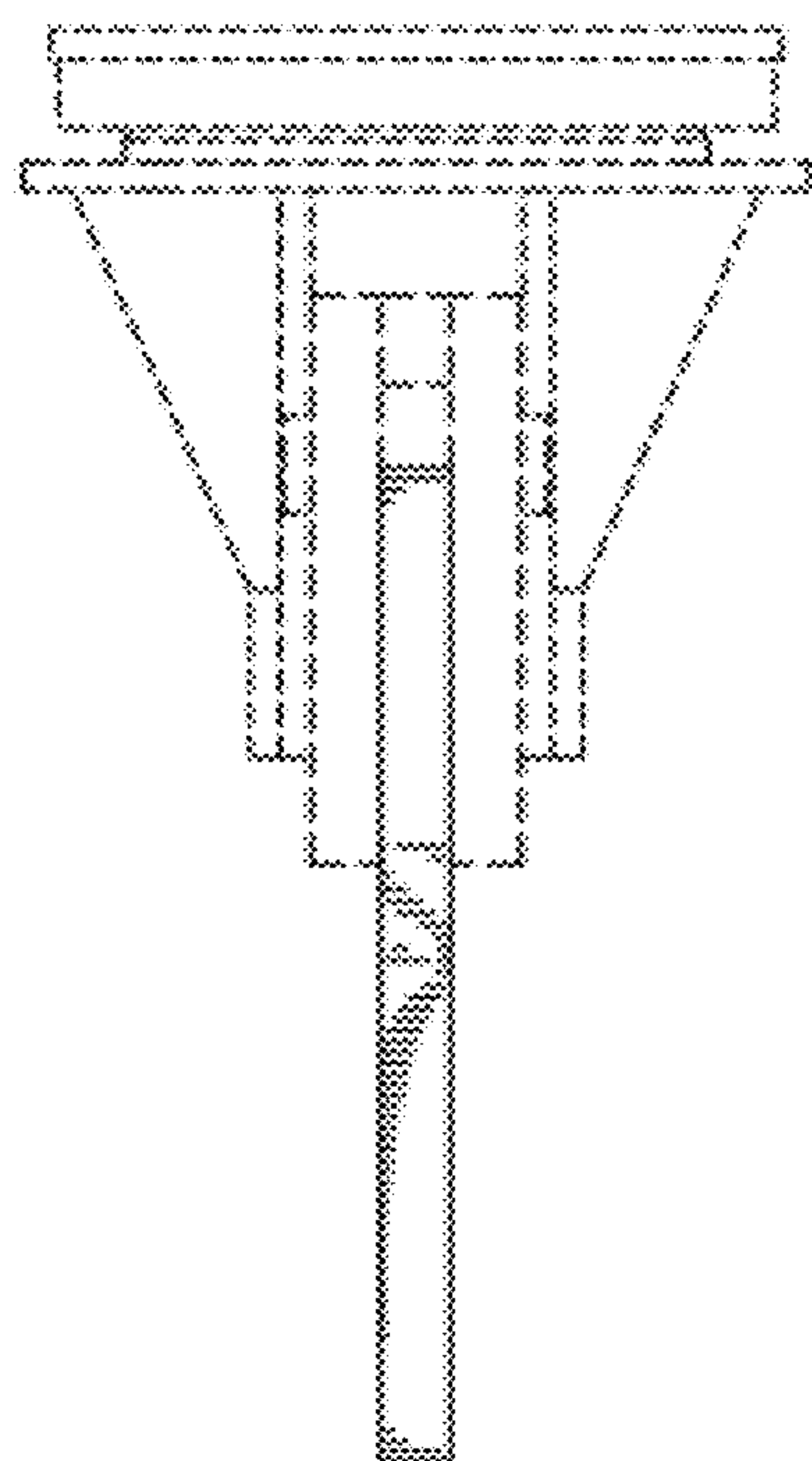


FIG. 4

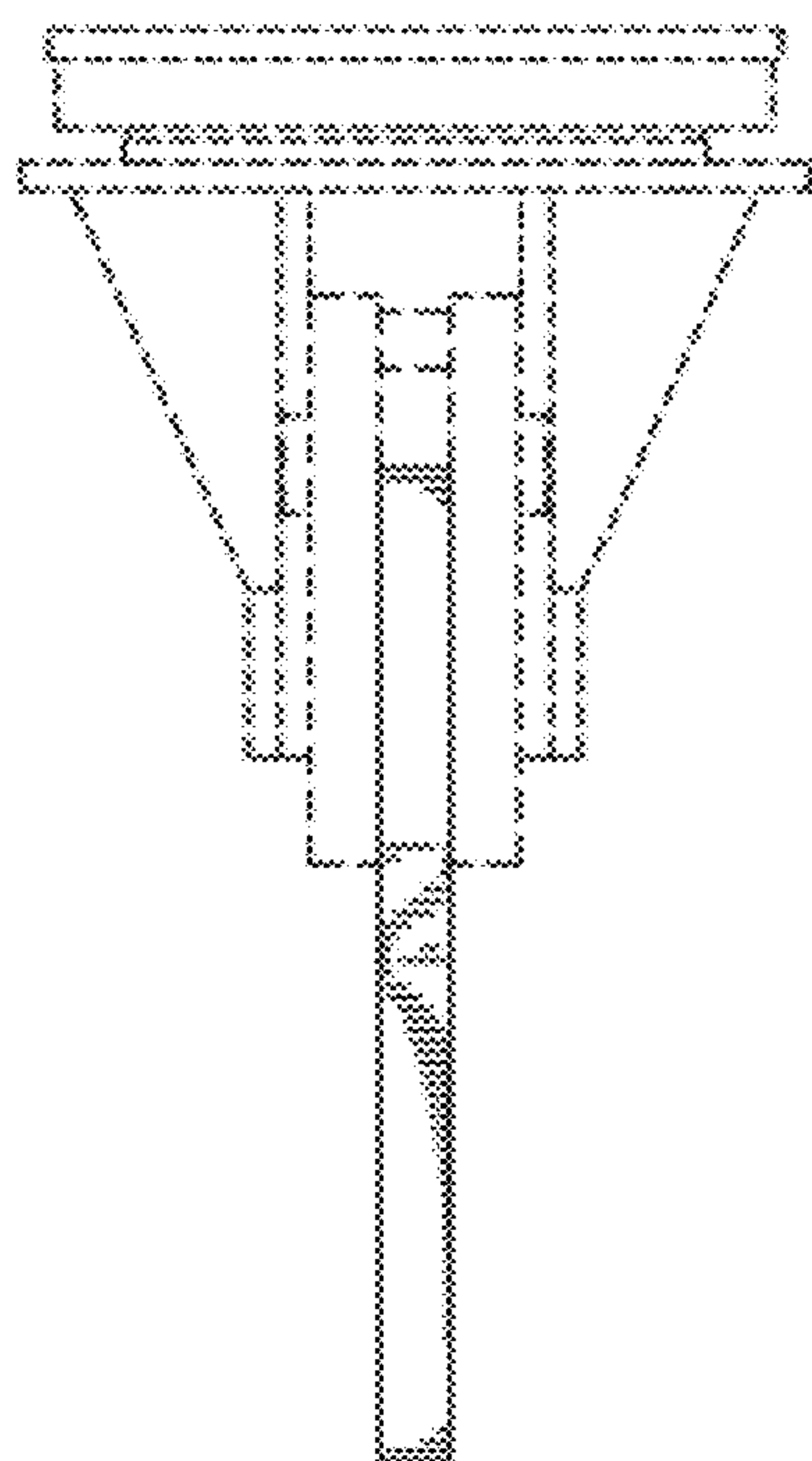


FIG. 5



FIG. 6

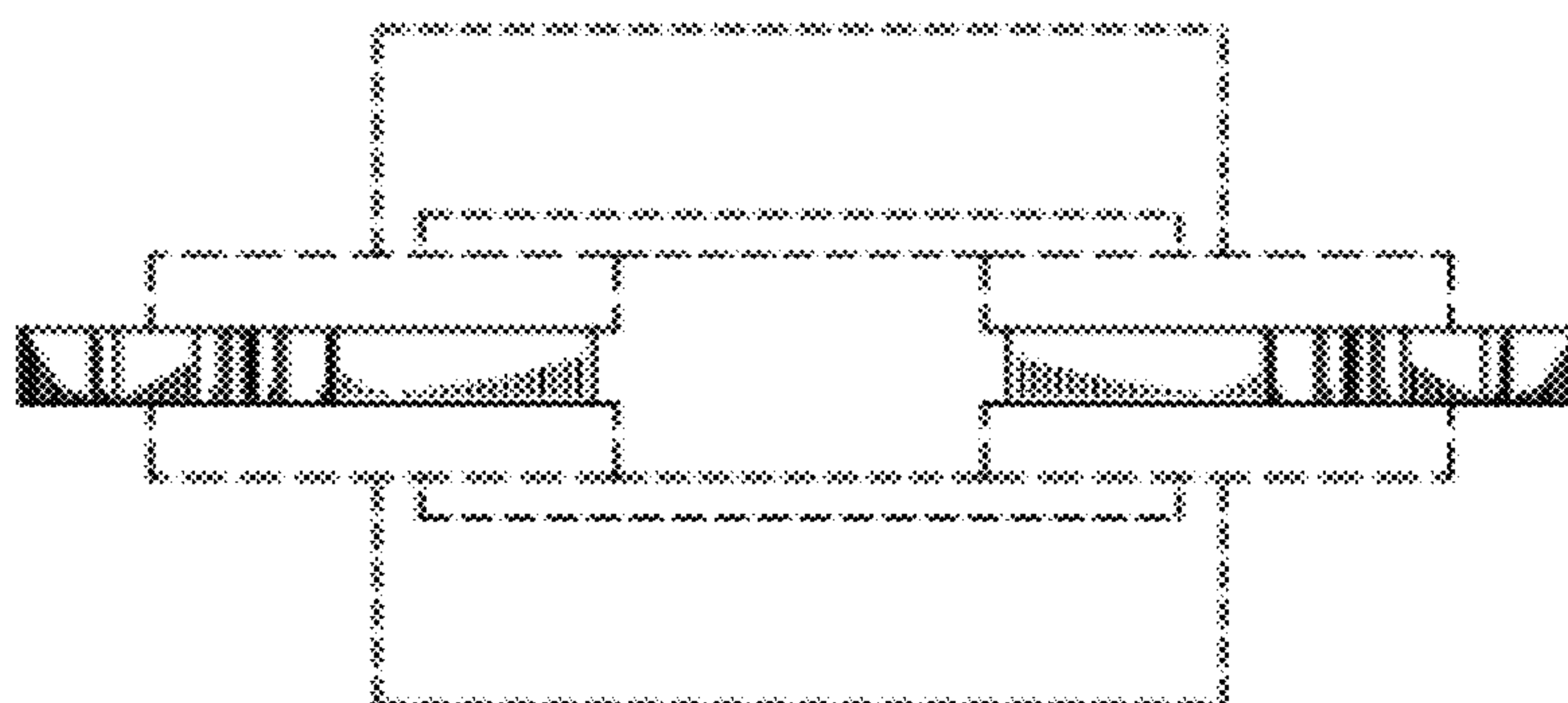


FIG. 7