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(12)

United States Design Patent

Porter

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UPRIGHT WRENCH

5,231,899 A \* 8/1993 Lee ..... E21B 19/164  
81/57.16

(71)

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5,537,900 A \* 7/1996 Schaar ..... B25B 21/005  
81/57.33

(72)

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5,653,297 A \* 8/1997 Whisenhunt ..... E21B 19/163  
173/164

(73)

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(Continued)

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15 Years

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(51)

LOC (12) Cl. .... 15-09

(52)

U.S. Cl.  
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(58)

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CPC ..... E21B 7/00  
See application file for complete search history.

(56)

References Cited

U.S. PATENT DOCUMENTS

2,405,757 A \* 8/1946 Rowland ..... E21B 19/16  
81/57.18

3,832,918 A \* 9/1974 Lang ..... E21B 19/16  
81/57.33

3,844,547 A \* 10/1974 Lang ..... E21B 19/167  
269/25

3,994,350 A \* 11/1976 Smith ..... E21B 19/084  
175/85

4,147,215 A \* 4/1979 Hodge ..... E21B 19/16  
166/380

4,194,419 A \* 3/1980 Mitchhart ..... E21B 19/20  
81/57.33

4,671,365 A \* 6/1987 Back ..... B66C 23/18  
173/147

OTHER PUBLICATIONS

European Patent Office, “Communication pursuant to Rules 70(2) and 70a(2) EPC”, supplementary European search report, 10 pages, dated Apr. 29, 2019.

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(57)

CLAIM

The ornamental design for an upright wrench, as shown and described.

DESCRIPTION

FIG. 1 is a left front top perspective view of my upright wrench design.  
FIG. 2 is a right back top perspective view thereof.  
FIG. 3 is a left front top perspective view thereof, with a drill pipe shown in broken line for context.  
FIG. 4 is a right side view thereof.  
FIG. 5 is a front view thereof.  
FIG. 6 is a top view thereof.  
FIG. 7 is a back view thereof; and,  
FIG. 8 is a left side view thereof.  
The broken lines are included for the purposes of illustrating environmental portions of the upright wrench and form no part of the claimed design.  
The bottom of our design is flat, except for the connectors shown in broken line which do not form a part of the claimed design, and without ornament.

1 Claim, 8 Drawing Sheets

(56)

**References Cited**

## U.S. PATENT DOCUMENTS

5,758,553	A	6/1998	Perry	
5,791,206	A *	8/1998	Daigle	..... E21B 19/163 81/57.19
5,996,444	A *	12/1999	Pearce	..... E21B 19/163 81/57.19
6,179,065	B1 *	1/2001	Payne	..... E21B 19/15 175/24
6,298,926	B1 *	10/2001	Dalkert	..... E21B 15/00 175/52
7,011,166	B2	3/2006	Koch et al.	
7,628,226	B2 *	12/2009	Mitchell	..... E21B 19/165 175/19
D799,920	S *	10/2017	Herrick	..... D8/21
9,816,320	B1 *	11/2017	Herrick	..... B28D 1/14
2007/0068345	A1 *	3/2007	Flud	..... B25B 5/147 81/57.19
2008/0169129	A1 *	7/2008	Patterson	..... E21B 19/163 175/52
2010/0117282	A1	5/2010	Rozendaal	
2011/0174545	A1	7/2011	Hartke et al.	
2013/0255965	A1 *	10/2013	Dobush	..... E21B 19/163 166/377
2014/0083774	A1 *	3/2014	Hoult	..... E21B 19/15 175/52
2014/0144707	A1	5/2014	Hartke et al.	
2017/0122045	A1 *	5/2017	De Waal	..... E21B 19/163
2017/0183911	A1 *	6/2017	Herrick	..... E21B 7/02
2017/0234085	A1 *	8/2017	Gaska	..... E21B 19/163 166/77.51
2019/0017336	A1 *	1/2019	Saavedra	..... E21B 19/163

\* cited by examiner

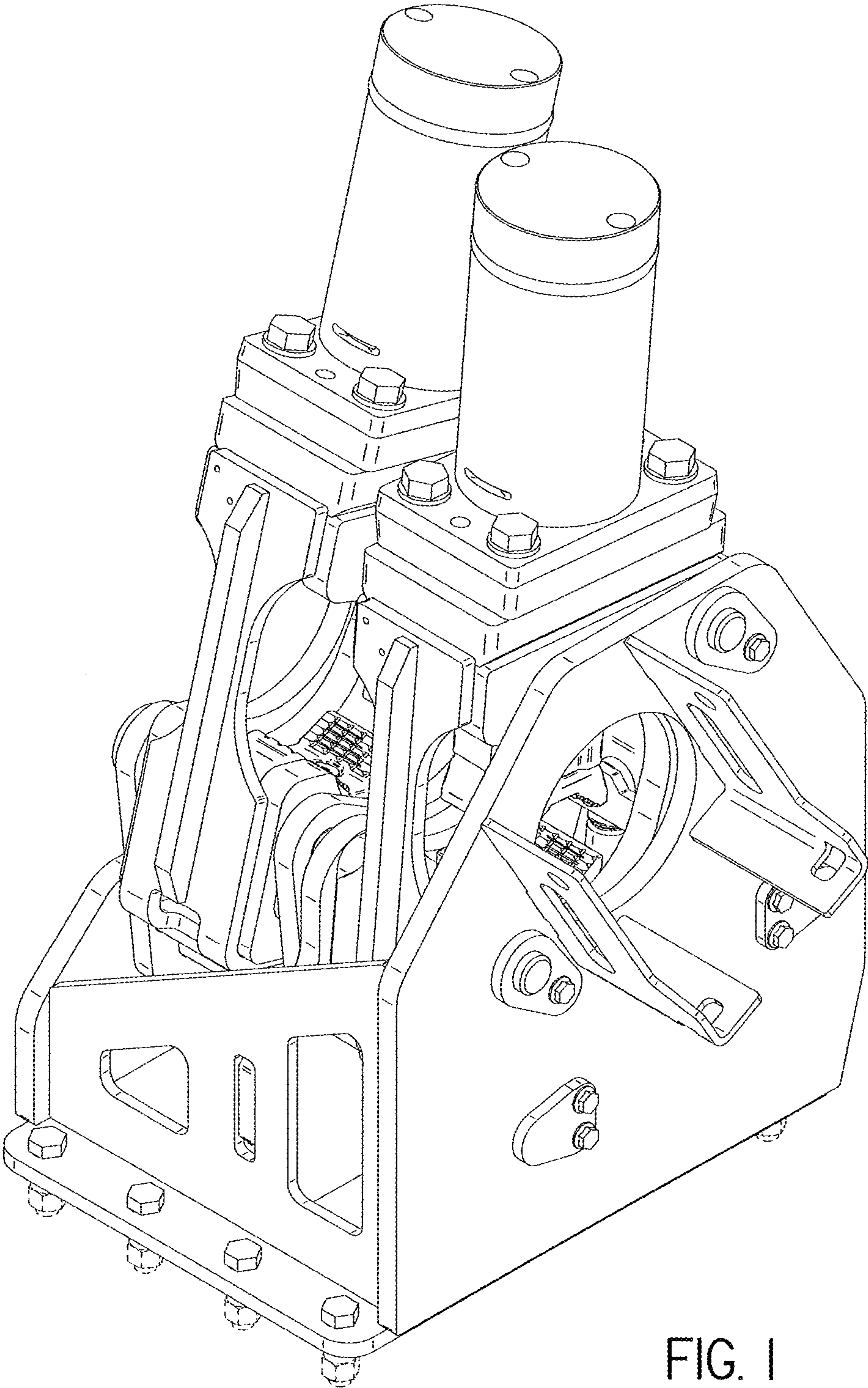


FIG. 1



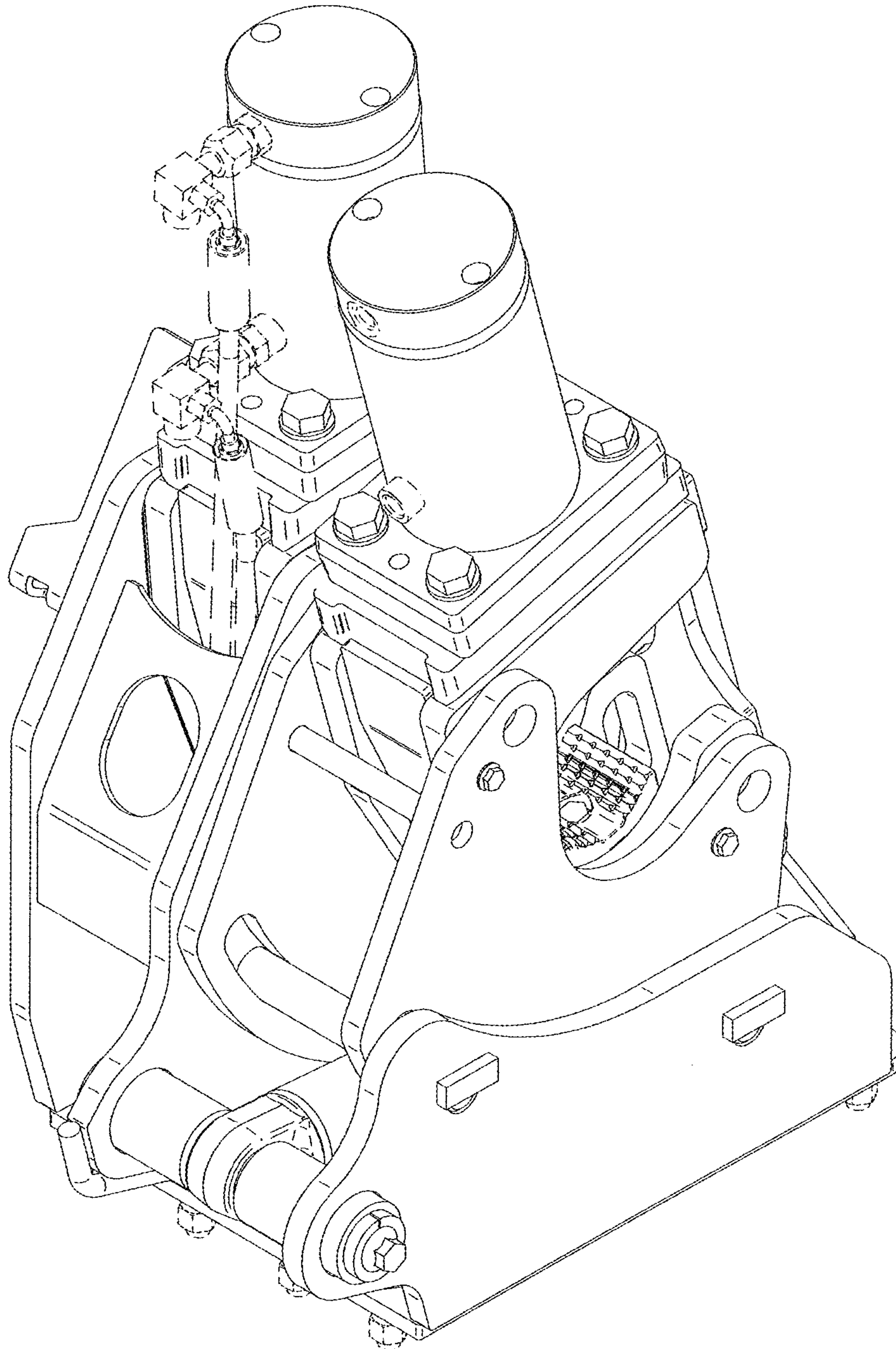


FIG. 2

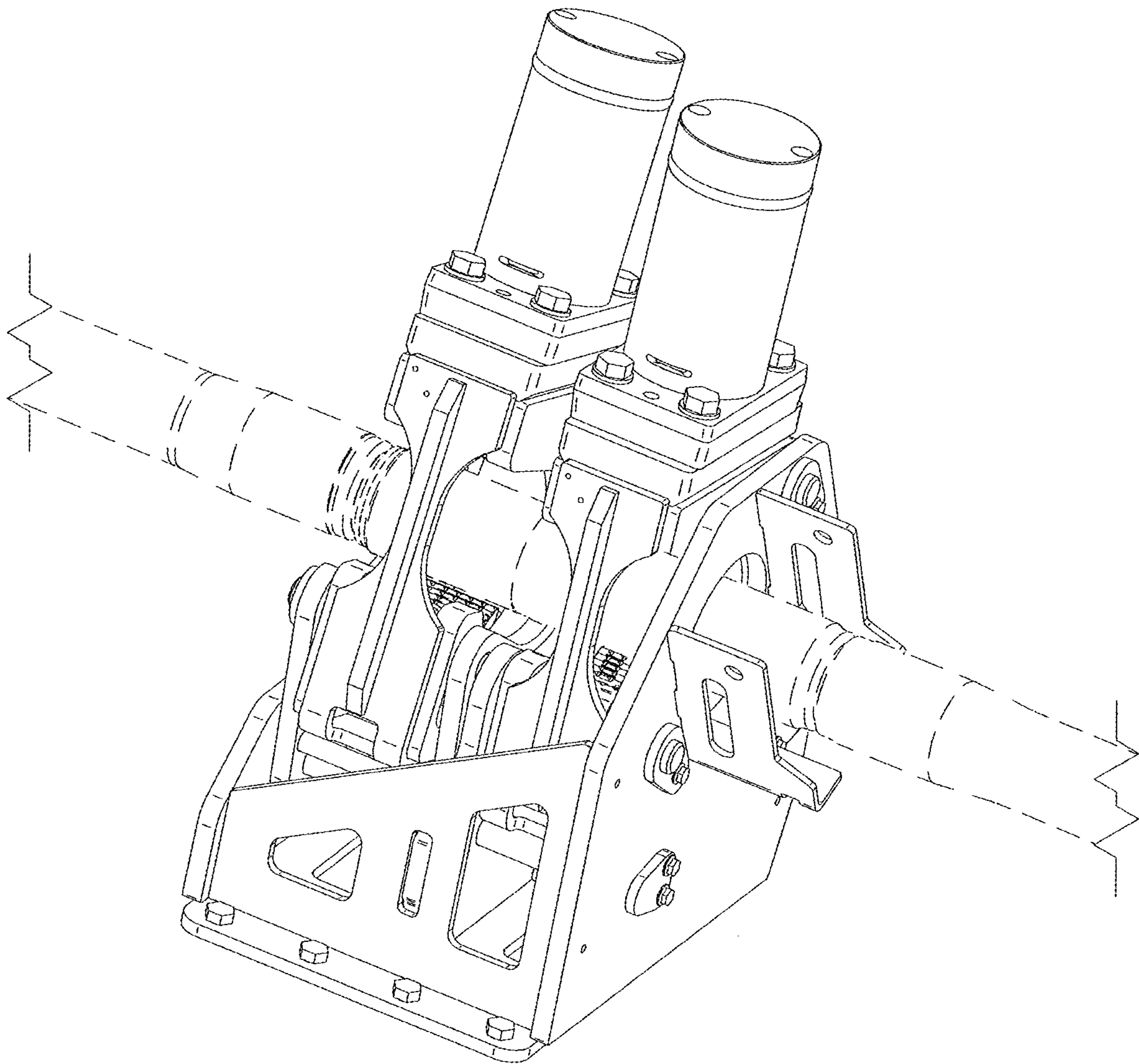


FIG. 3

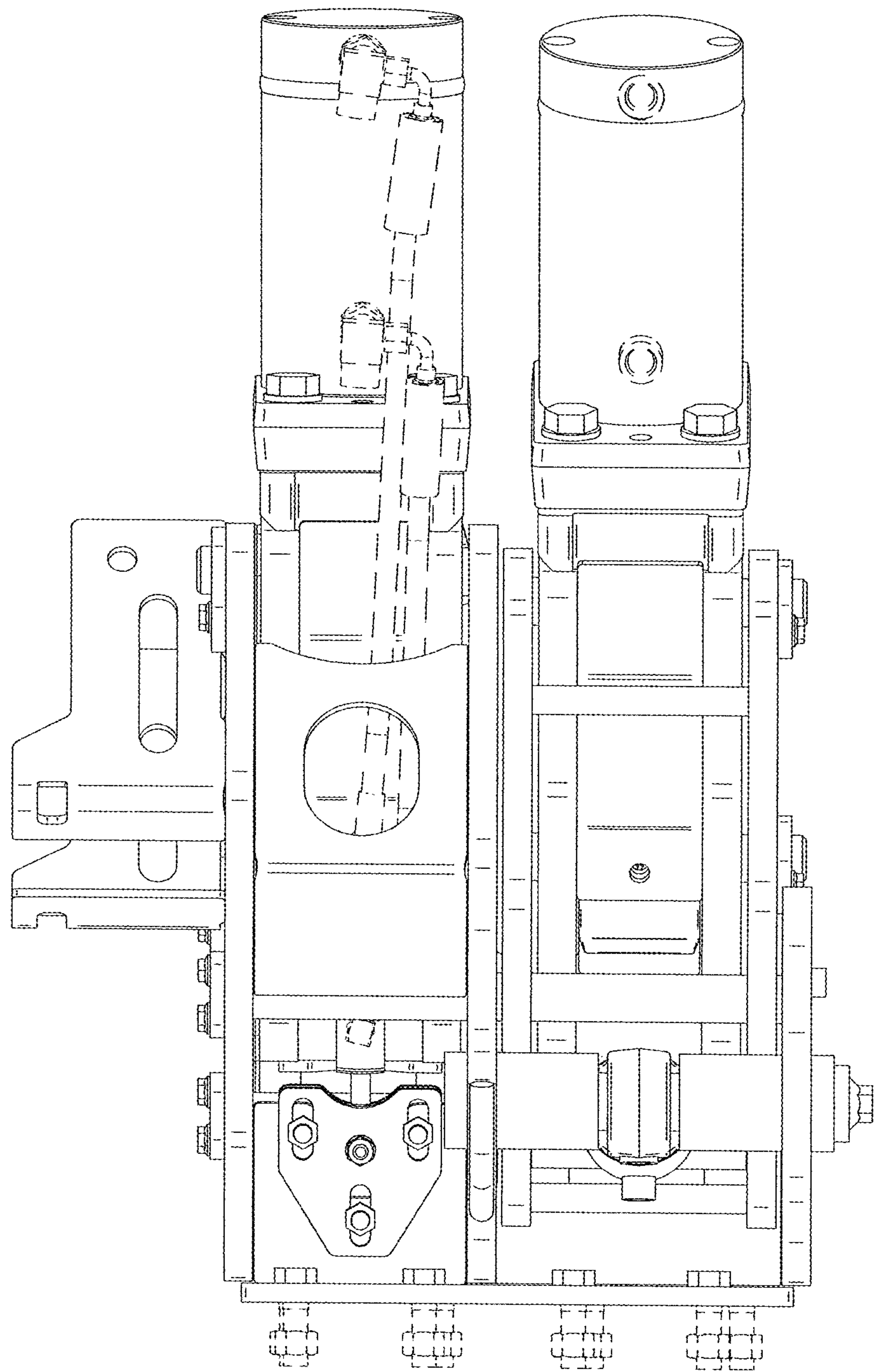


FIG. 4

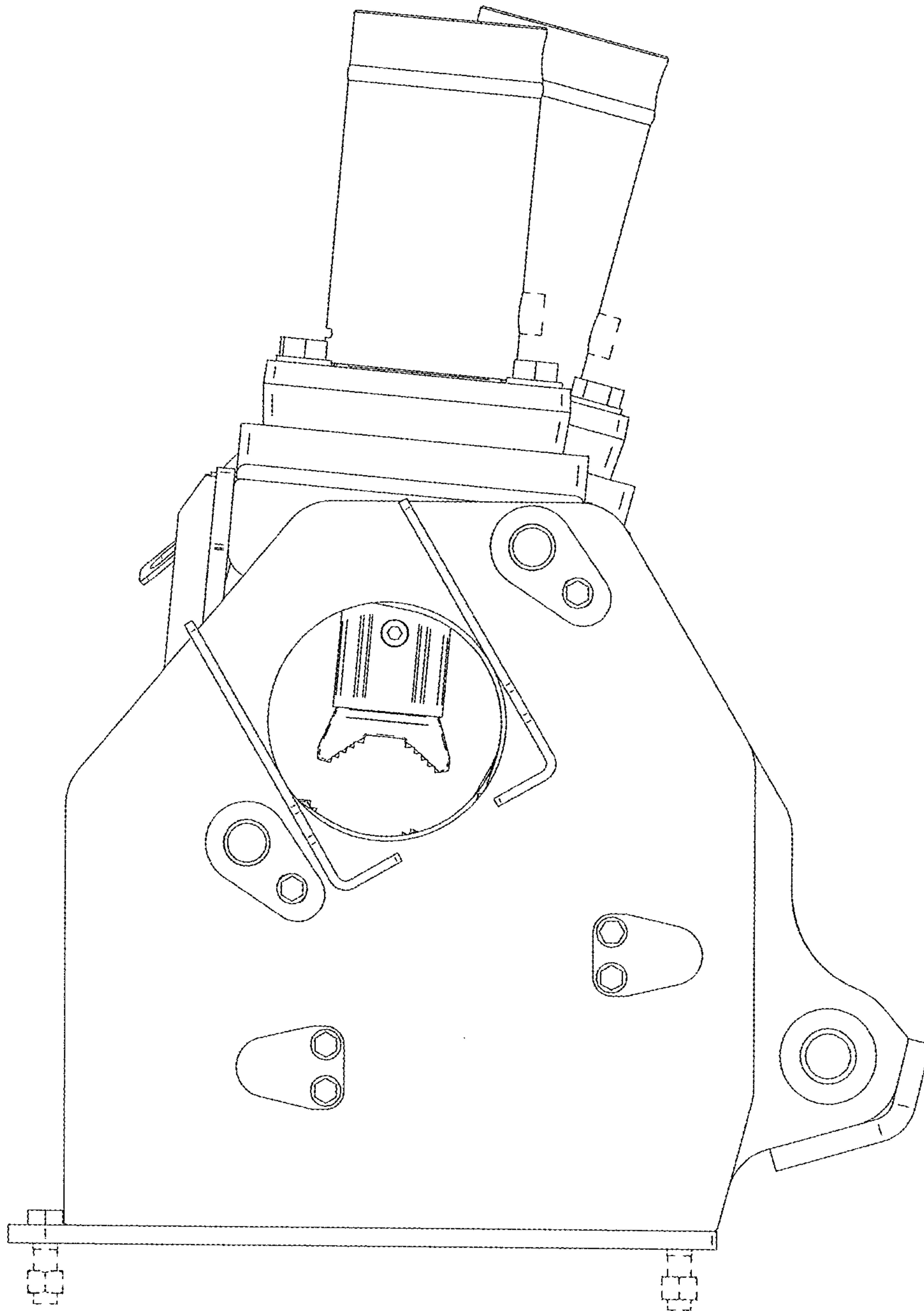


FIG. 5



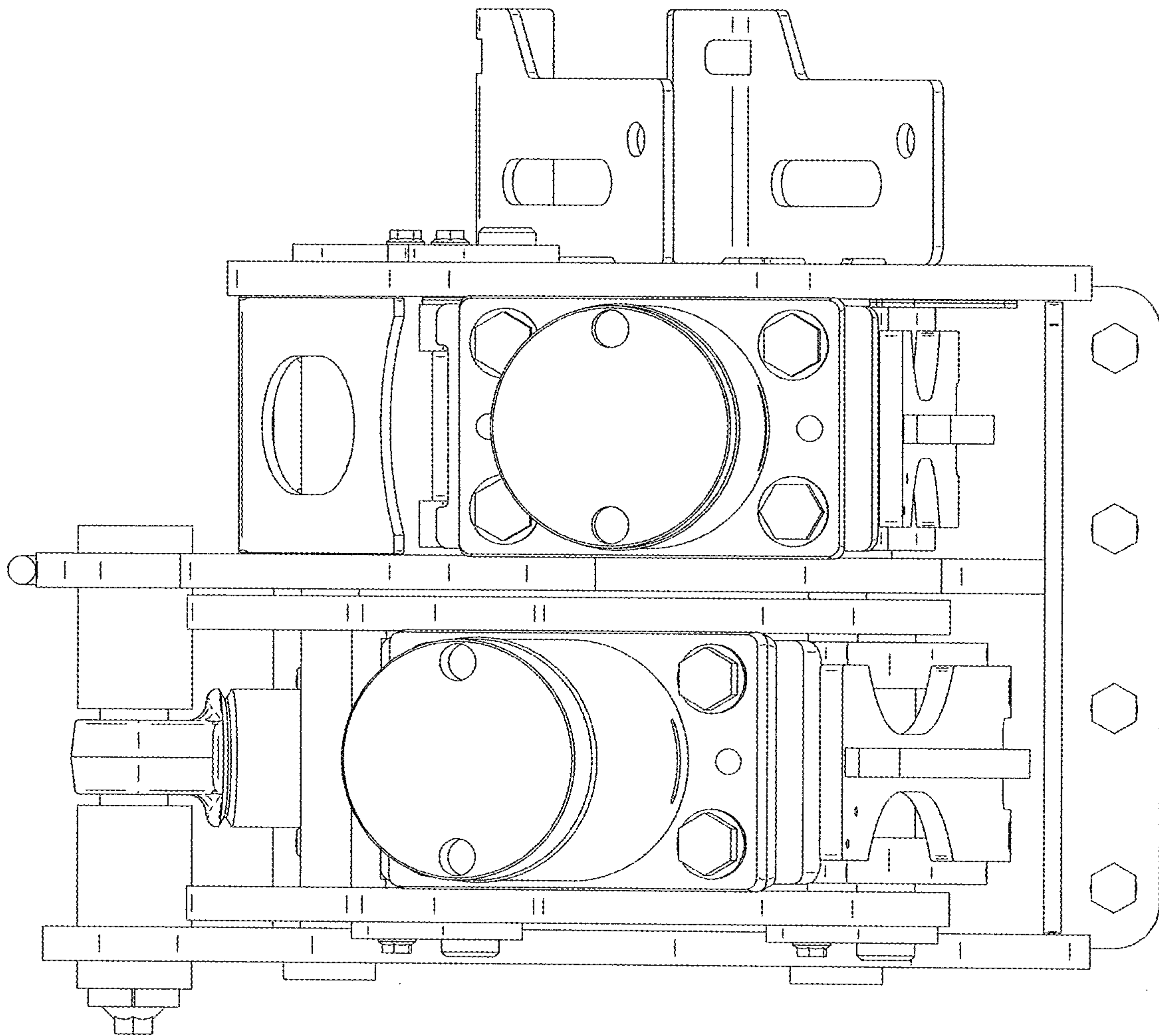


FIG. 6



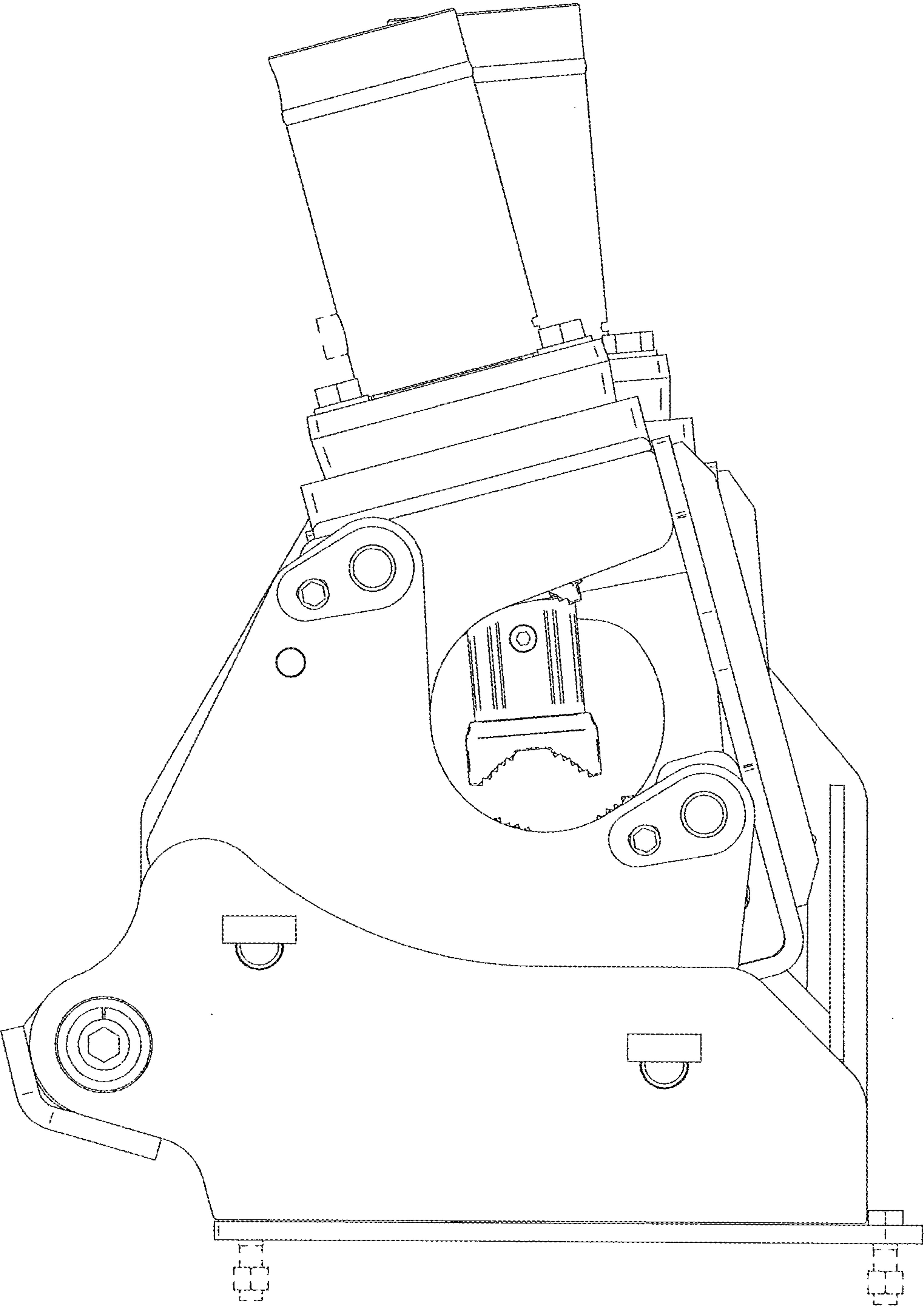


FIG. 7

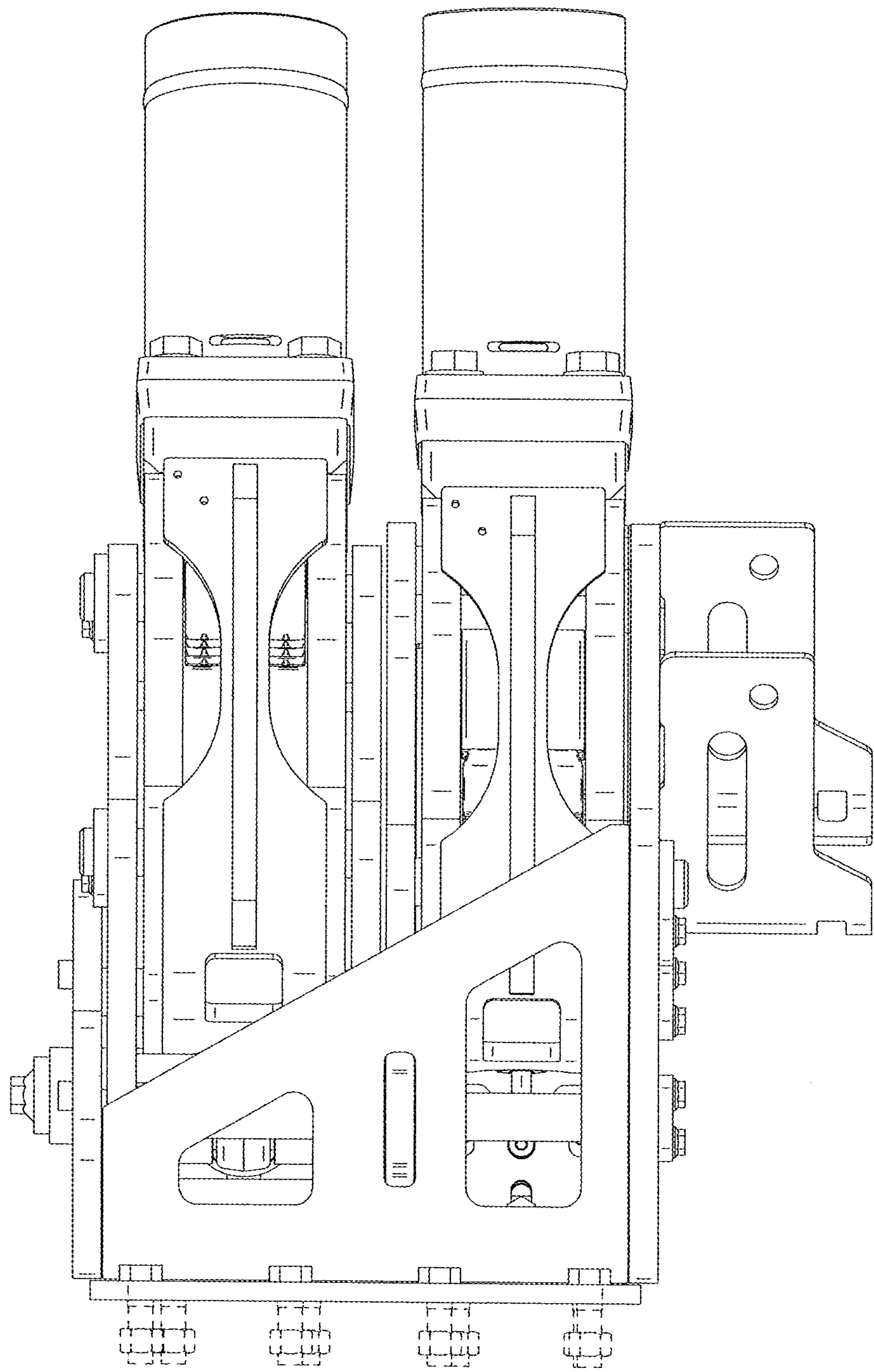


FIG. 8