



US00D899472S

(12) **United States Design Patent** (10) **Patent No.:** **US D899,472 S**
Porter (45) **Date of Patent:** **** Oct. 20, 2020**

(54) **UPRIGHT WRENCH**
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5,231,899 A * 8/1993 Lee E21B 19/164
81/57.16
5,537,900 A * 7/1996 Schaar B25B 21/005
81/57.33
5,653,297 A * 8/1997 Whisenhunt E21B 19/163
173/164

(Continued)

(**) Term: **15 Years**
(21) Appl. No.: **29/666,098**
(22) Filed: **Oct. 10, 2018**

Related U.S. Application Data

(63) Continuation of application No. 15/224,250, filed on
Jul. 29, 2016, now abandoned.
(51) **LOC (12) Cl.** **15-09**
(52) **U.S. Cl.**
USPC **D15/138**
(58) **Field of Classification Search**
USPC D8/21; D15/21, 132, 138, 140; D23/259
CPC E21B 7/00
See application file for complete search history.

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

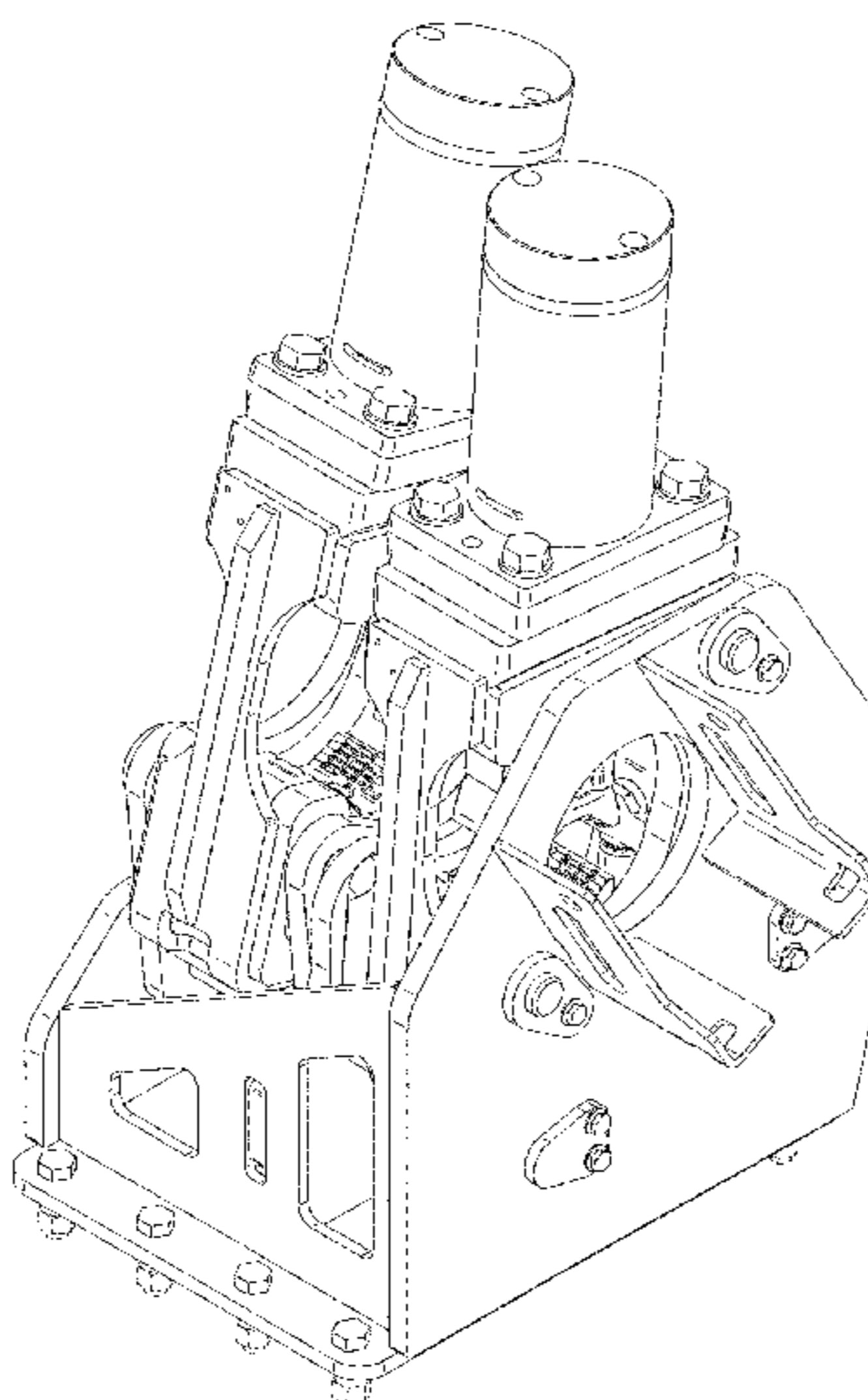
FIG. 1 is a left front top perspective view of my upright
wrench design.
FIG. 2 is a right back top perspective view thereof.
FIG. 3 is a left front top perspective view thereof, with a drill
pipe shown in broken line for context.
FIG. 4 is a right side view thereof.
FIG. 5 is a front view thereof.
FIG. 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.

(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

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

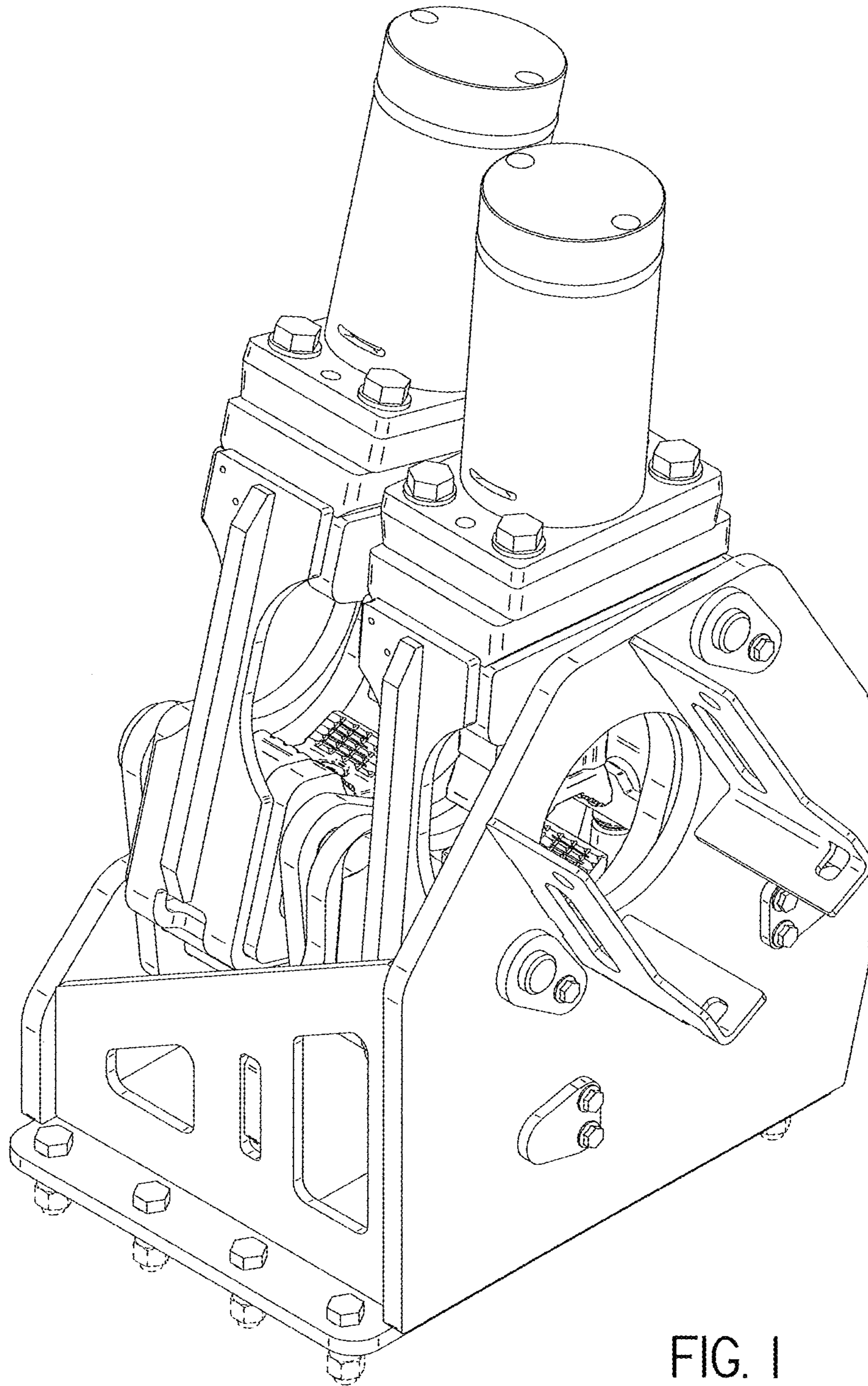


FIG. 1

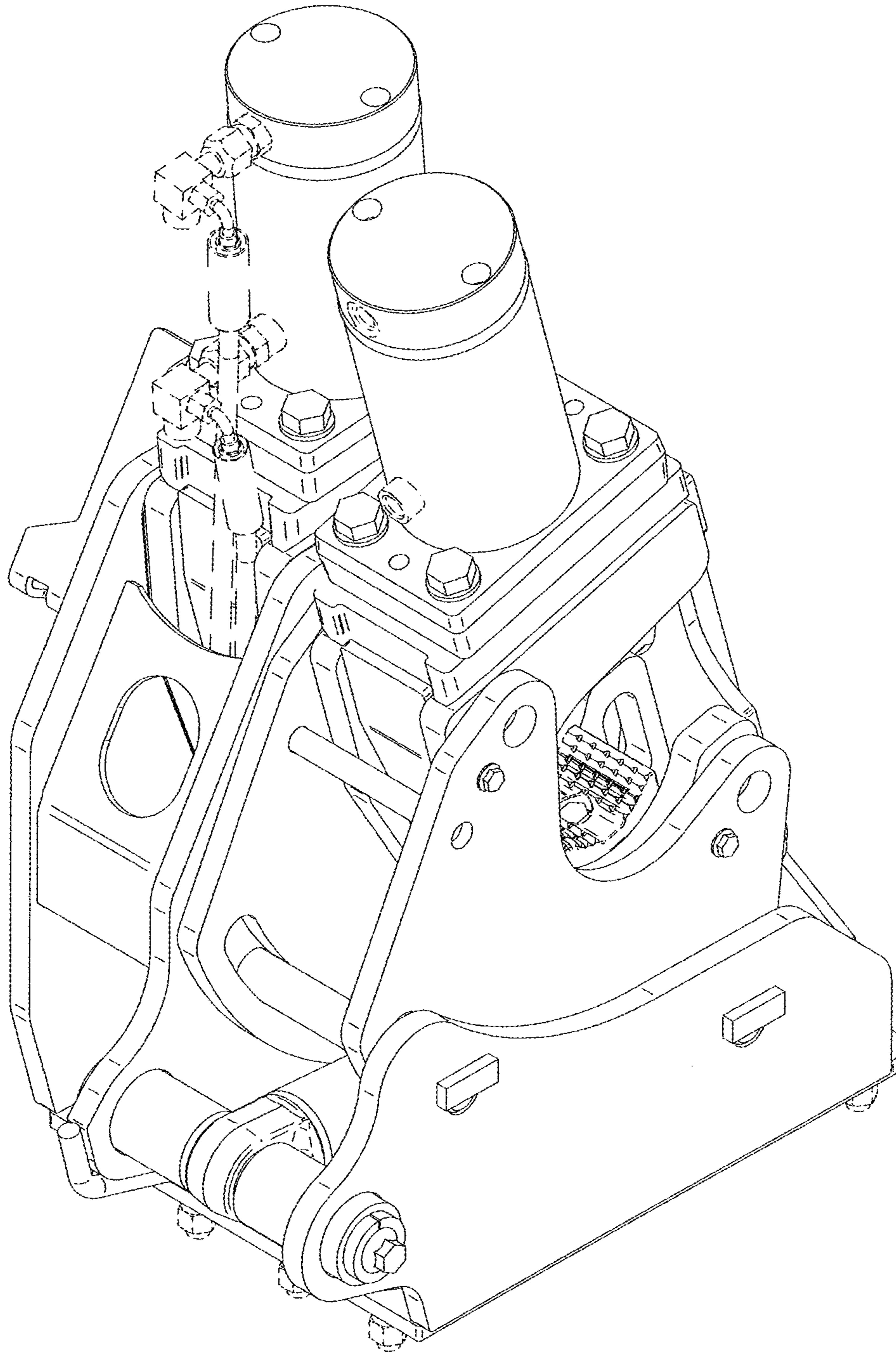


FIG. 2

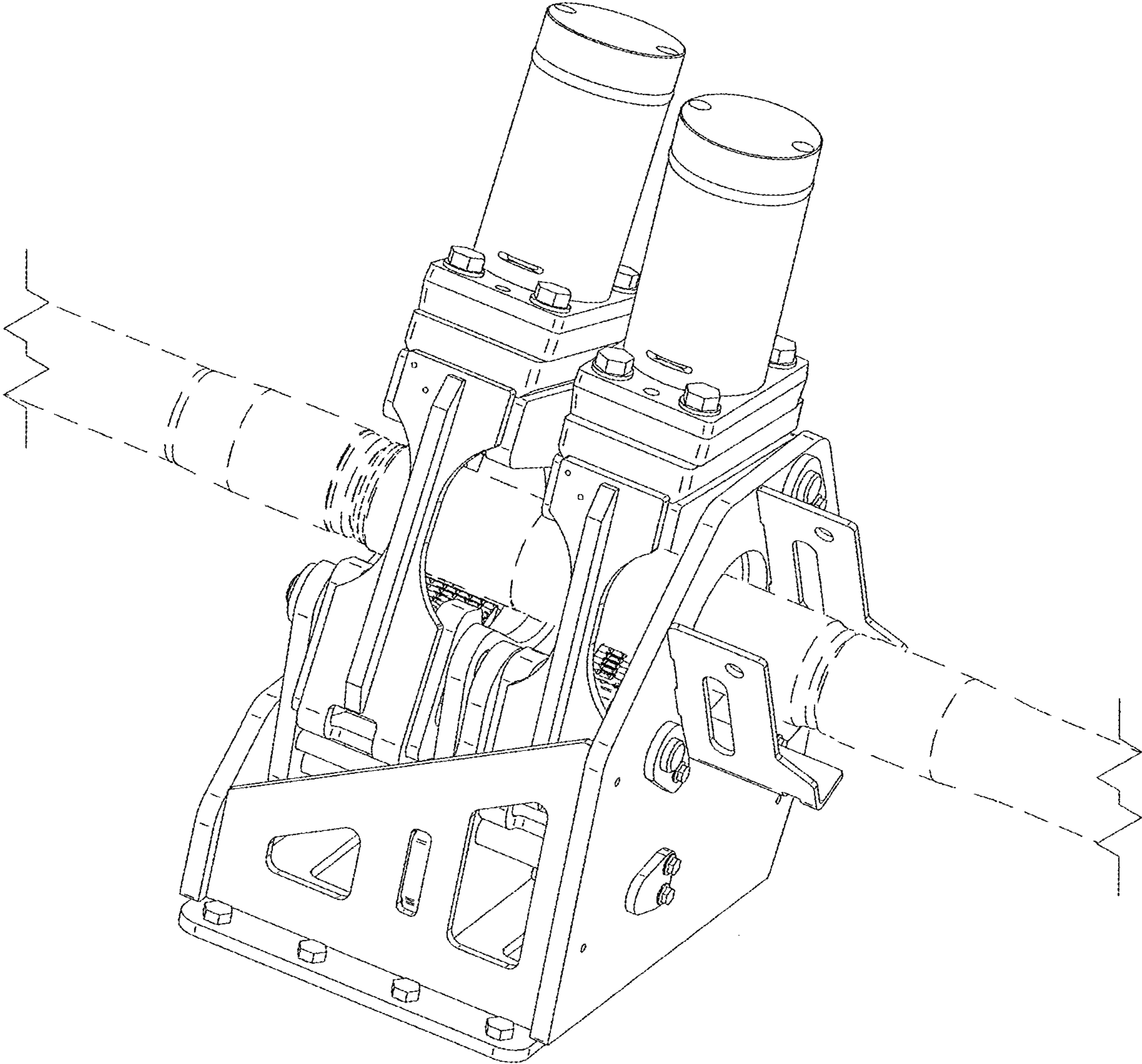


FIG. 3

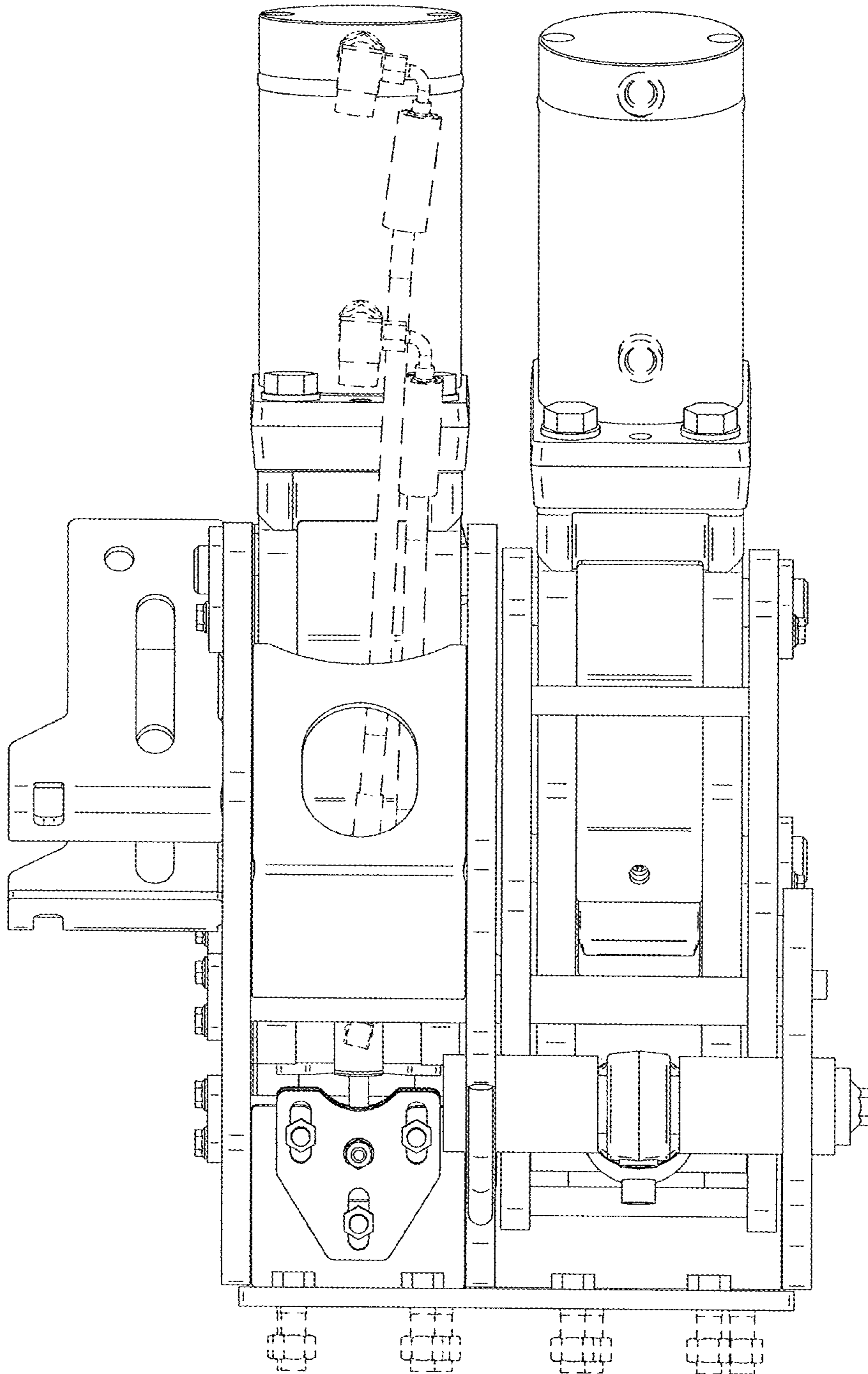


FIG. 4

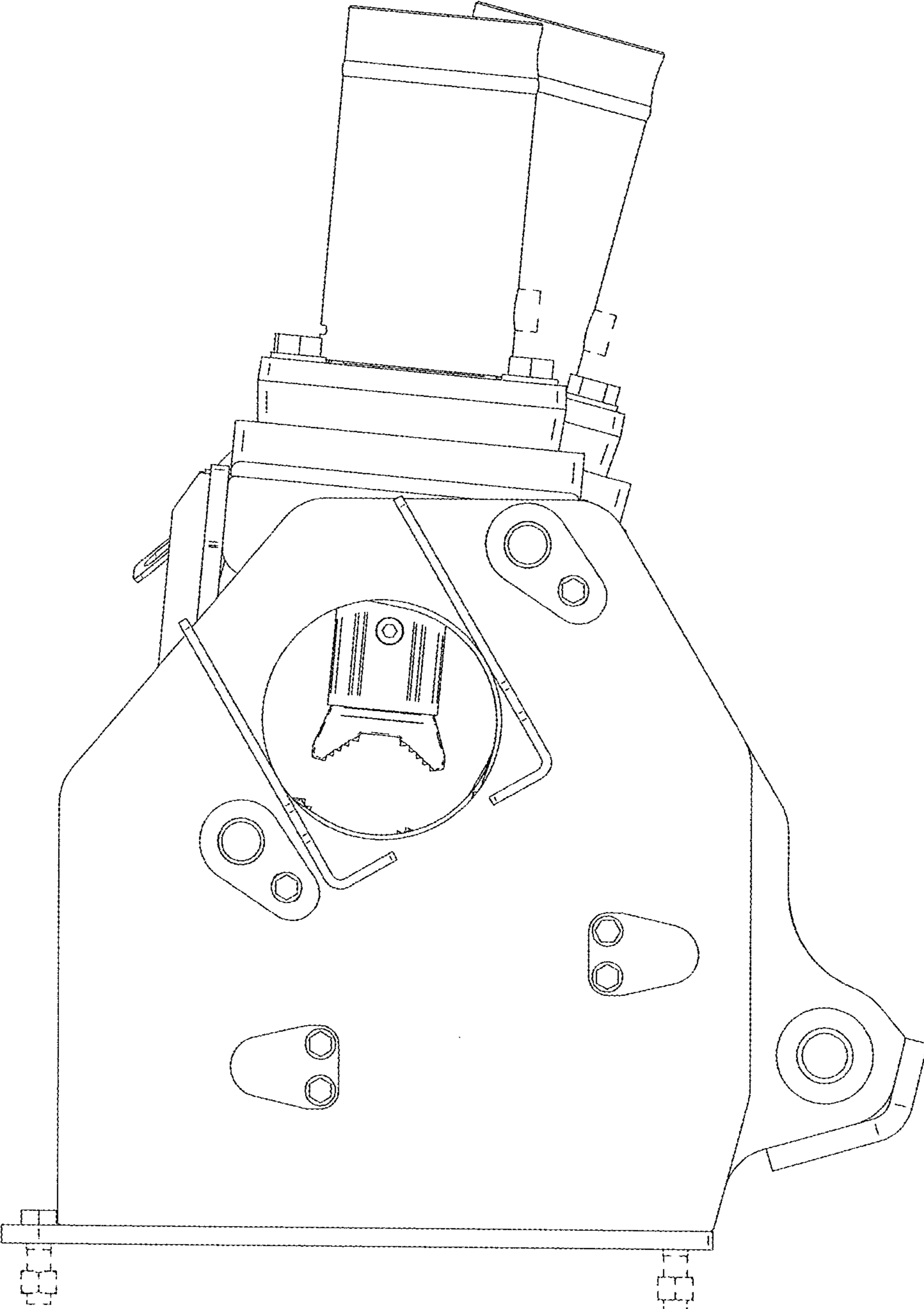


FIG. 5

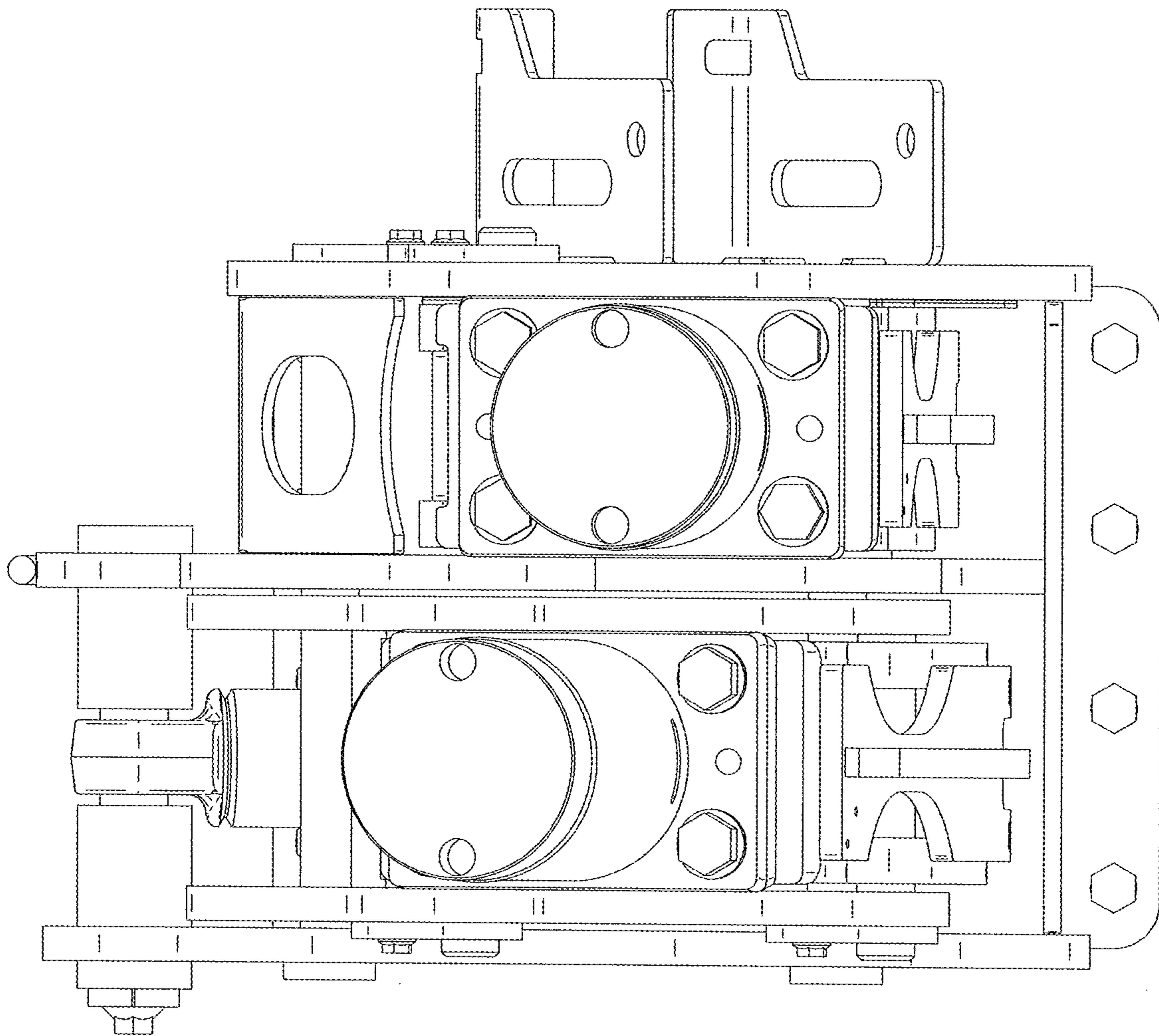


FIG. 6

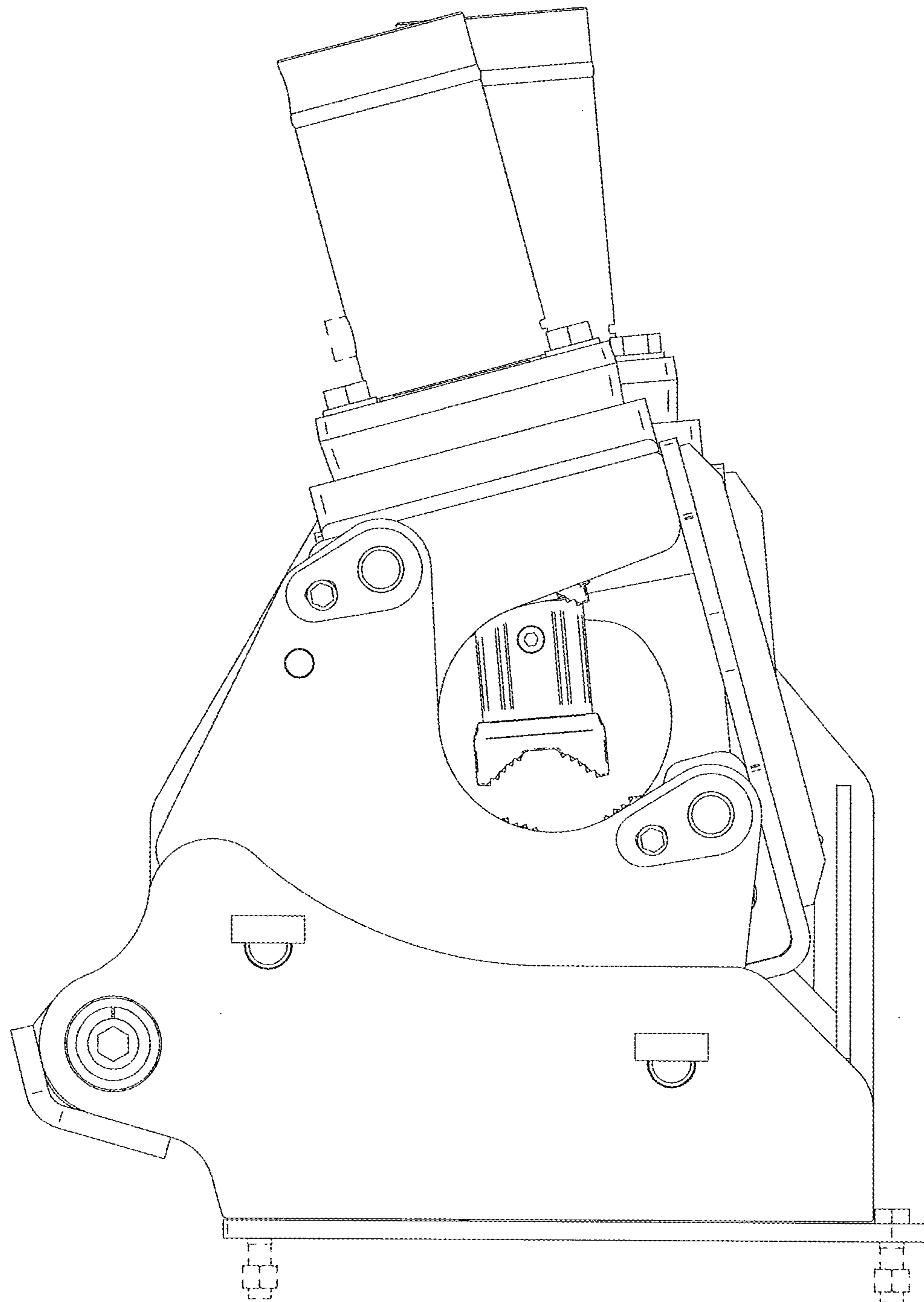


FIG. 7

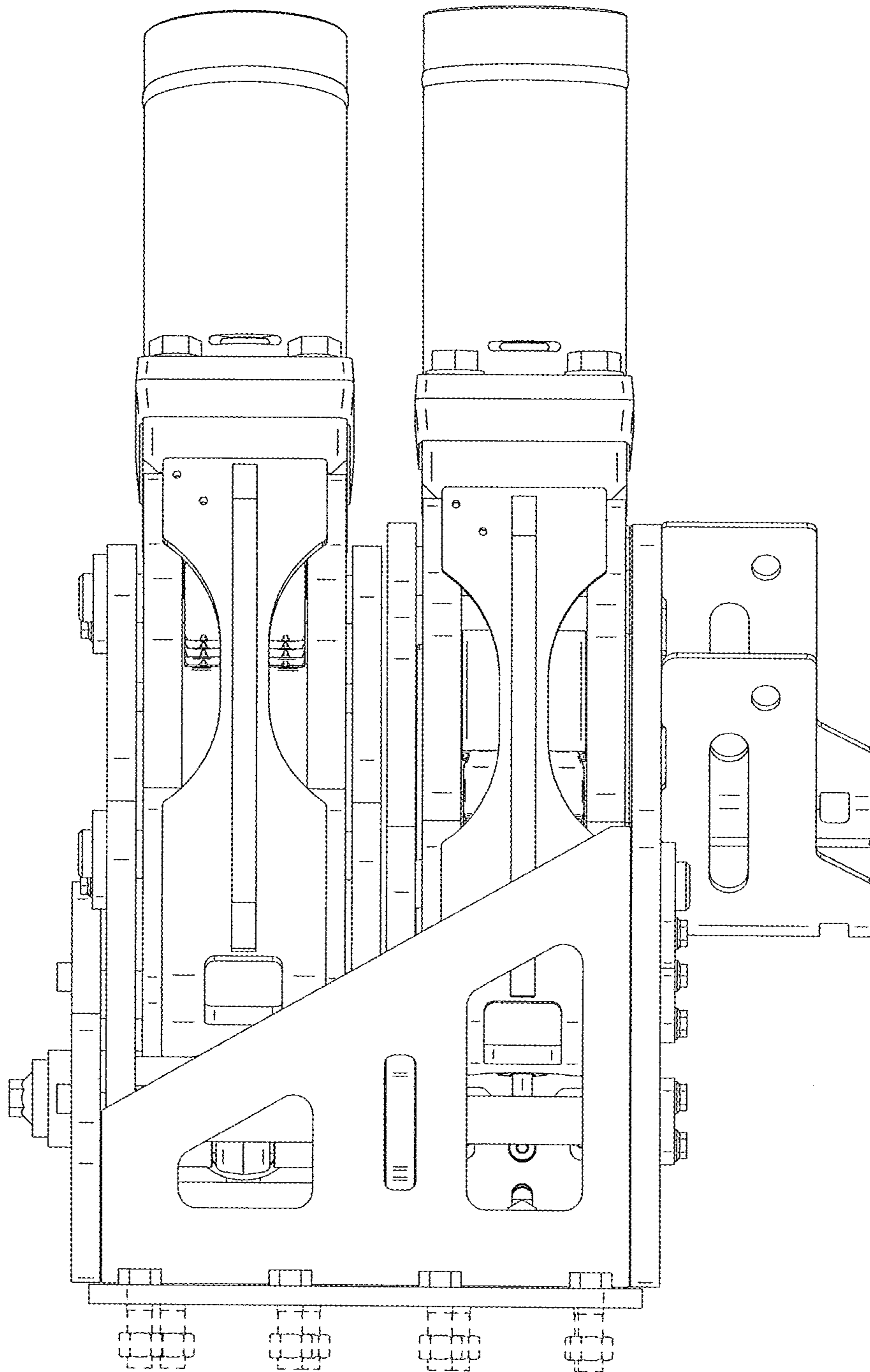


FIG. 8