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(12) **United States Design Patent**  
**Axelsson**

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(54) **FASTENING DEVICE**

(71) Applicant: **MAFI AB**, Mora (SE)

(72) Inventor: **Andreas Axelsson**, Malung (SE)

(73) Assignee: **MAFI AB**, Mora (SE)

(\*\*) Term: **15 Years**

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(52) **U.S. Cl.**  
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D8/499; D10/103, 121; D13/133, 149,  
D13/154  
CPC ..... H01Q 1/12; H01Q 1/1207; H01Q 1/1228;  
H01Q 1/125; F16L 3/02; F16L 3/10;  
F16L 3/1016; F16L 3/1091; F16M  
13/022; F16B 2/12; F16B 2/065; F16B  
7/00; F16B 7/04; F16B 7/0446; F16B  
7/0486

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

- 2,890,848 A \* 6/1959 Johnson, Jr. .... B23Q 3/1546  
248/74.4
- D255,578 S \* 6/1980 Herczeg ..... 82/166
- D257,663 S \* 12/1980 McKee ..... D8/354
- D257,664 S \* 12/1980 McKee ..... D8/354
- D280,288 S \* 8/1985 Lickton ..... D8/499
- D286,977 S \* 12/1986 Steck ..... D8/394

- D296,545 S \* 7/1988 Sachs ..... D13/149
- D296,546 S \* 7/1988 Sachs ..... D13/149
- D305,219 S \* 12/1989 Wood ..... D12/133
- D332,939 S \* 2/1993 McDonough, Jr. .... D13/149
- 5,274,888 A \* 1/1994 Payne ..... F16L 3/02  
24/277
- D347,990 S \* 6/1994 Petrohilos ..... D8/382
- D371,059 S \* 6/1996 Howe ..... D8/72
- D381,113 S \* 7/1997 Safyan ..... D13/149
- D397,013 S \* 8/1998 Horne ..... D8/71
- 6,283,425 B1 \* 9/2001 Liljevik ..... H01Q 1/125  
248/218.4
- D454,479 S \* 3/2002 Kolpin ..... D8/349
- 6,402,096 B1 \* 6/2002 Ismert ..... F16L 3/243  
248/68.1
- D472,454 S \* 4/2003 Levay ..... D8/382
- D565,402 S \* 4/2008 Curran ..... D8/499
- D574,225 S \* 8/2008 Scheib ..... D8/382
- D593,848 S \* 6/2009 Balemi ..... D15/28
- D593,849 S \* 6/2009 Balemi ..... D15/28
- D599,198 S \* 9/2009 Balemi ..... D8/382
- D659,522 S \* 5/2012 Noturno ..... F16B 5/0028  
D8/382
- D661,713 S \* 6/2012 Marchesan ..... D15/28

(Continued)

*Primary Examiner* — Sandra Snapp

*Assistant Examiner* — Ieisha N Price

(74) *Attorney, Agent, or Firm* — Nixon & Vanderhye P.C.

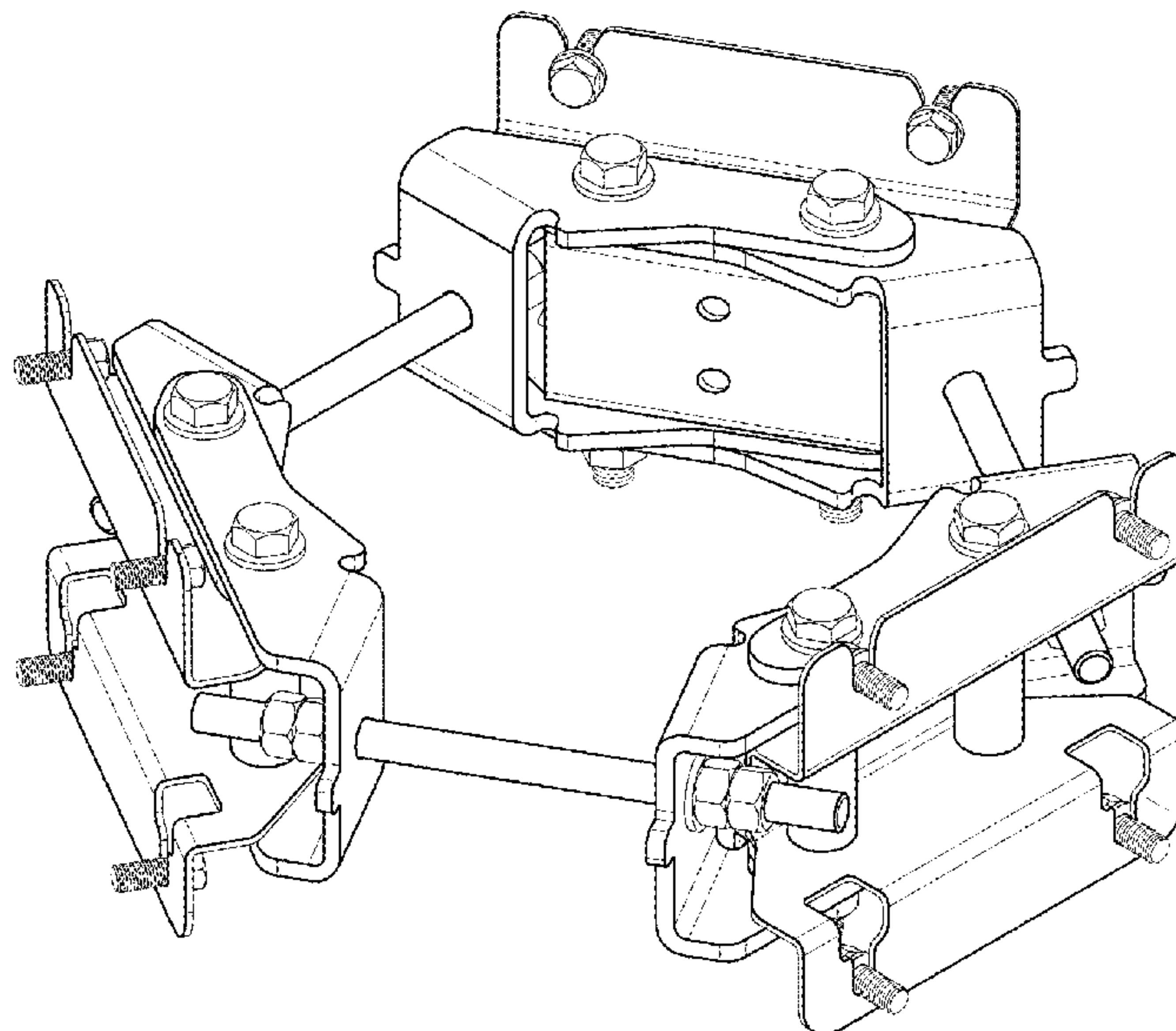
(57) **CLAIM**

The ornamental design for a fastening device, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of the fastening device;  
FIG. 2 is a right side view thereof;  
FIG. 3 is a left side view thereof;  
FIG. 4 is a top view thereof;  
FIG. 5 is a bottom view thereof;  
FIG. 6 is a front view thereof; and,  
FIG. 7 is a rear view thereof.

**1 Claim, 7 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

8,721,185	B2 *	5/2014	Marchesan	.....	A01B 59/002	384/428					
D752,415	S *	3/2016	Lu	.....	D8/349						
D754,529	S *	4/2016	Kunreuther	.....	D8/382						
D758,171	S *	6/2016	Kim	.....	D8/356						
D758,178	S *	6/2016	Kim	.....	D8/396						
D768,469	S *	10/2016	Bengtsson	.....	D8/382						
D782,292	S *	3/2017	Wessel	.....	D8/382						
D850,890	S *	6/2019	Cole	.....	D8/354						
D850,892	S *	6/2019	Lin	.....	D8/373						
D854,403	S *	7/2019	Guo	.....	D8/382						
D876,201	S *	2/2020	Wassdahl	.....	D8/349						
D876,211	S *	2/2020	Wassdahl	.....	D8/382						
D877,602	S *	3/2020	Nolfi	.....	D8/382						
D880,279	S *	4/2020	Marchesan	.....	D8/354						
D886,572	S *	6/2020	Axelsson	.....	D8/382						
D890,597	S *	7/2020	Qi	.....	D8/354						
D907,991	S *	1/2021	Axelsson	.....	D8/382						
2002/0096610	A1 *	7/2002	Fernandez	.....	G09F 15/0037	248/218.4					
2002/0105477	A1 *	8/2002	Bragg	.....	H01Q 19/13	343/892					
2002/0162924	A1 *	11/2002	Herzog	.....	H01Q 1/246	248/218.4					
2009/0289158	A1 *	11/2009	Nelson	.....	H01Q 1/1207	248/220.21					
2010/0298827	A1 *	11/2010	Cremer	.....	F16B 7/0493	606/54					
2011/0083399	A1 *	4/2011	Lettkeman	.....	H01Q 1/1228	52/745.21					
2013/0256477	A1 *	10/2013	Fackler	.....	F16M 11/10	248/201					
2016/0211569	A1 *	7/2016	Skrepcinski	.....	H01Q 1/1228						
2016/0294036	A1 *	10/2016	Christie	.....	H01Q 1/1228						
2016/0322697	A1 *	11/2016	Skrepcinski	.....	H01Q 1/1235						
2017/0122491	A1 *	5/2017	Mancuso	.....	F16M 13/02						
2017/0310023	A1 *	10/2017	Trombley	.....	H01R 4/46						
2018/0083337	A1 *	3/2018	Roy	.....	H01Q 1/1228						
2019/0203878	A1 *	7/2019	Deng	.....	H01Q 1/1228						
2020/0018424	A1 *	1/2020	Comalander	.....	F16L 3/20						
2020/0191325	A1 *	6/2020	Roberts	.....	F16B 2/10						
2020/0321678	A1 *	10/2020	Renilson	.....	H01Q 1/1228						
2021/0010616	A1 *	1/2021	Comalander	.....	F16L 3/02						

\* cited by examiner

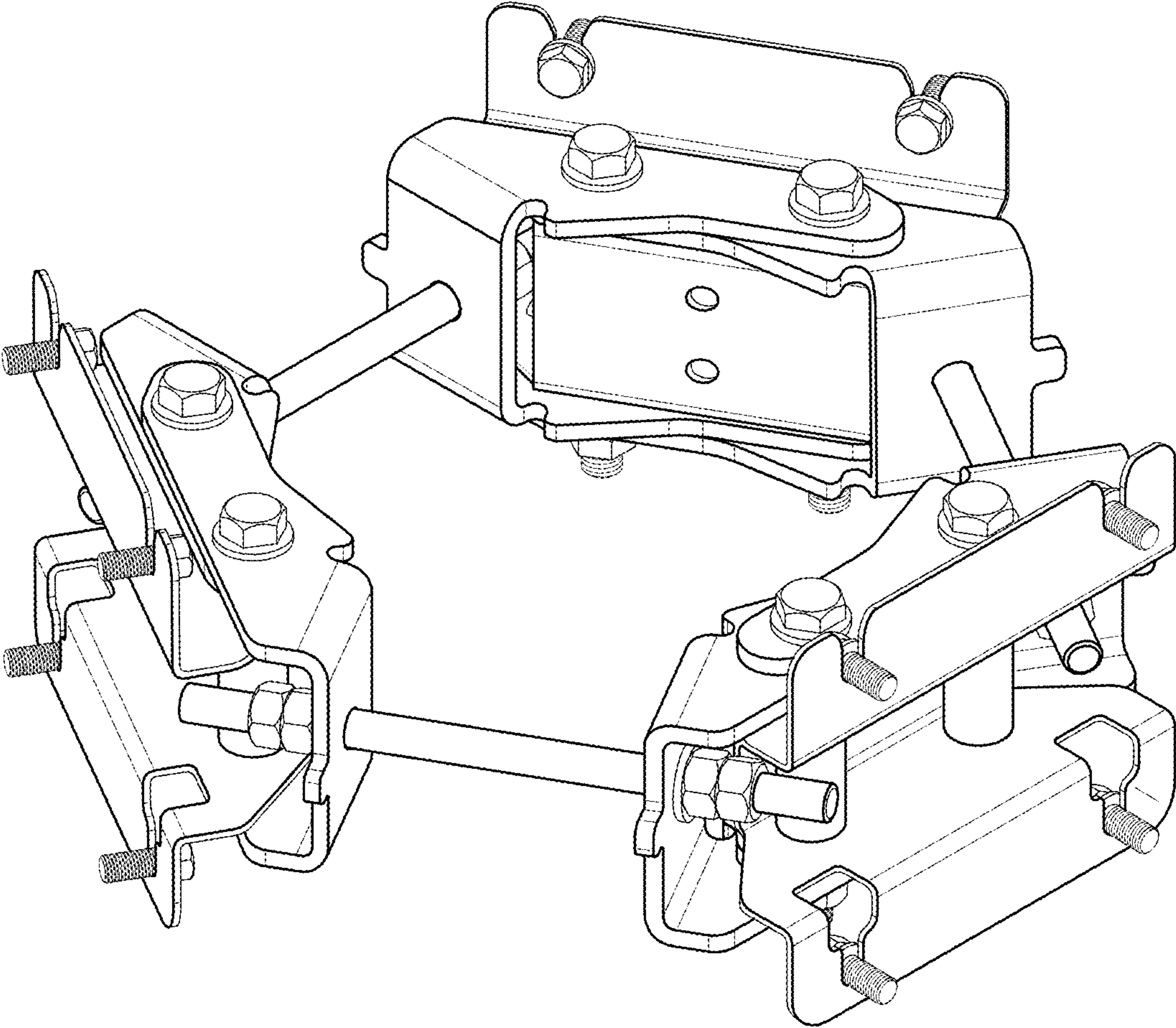


FIG. 1



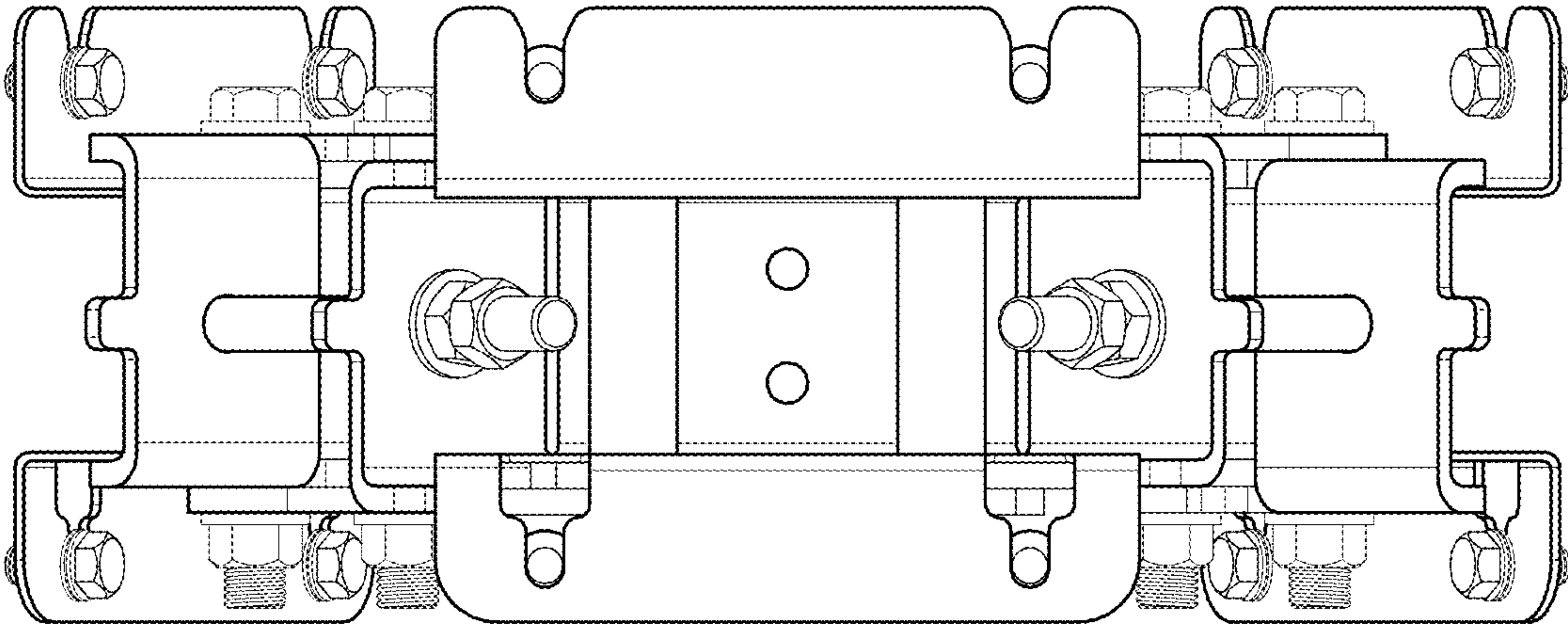
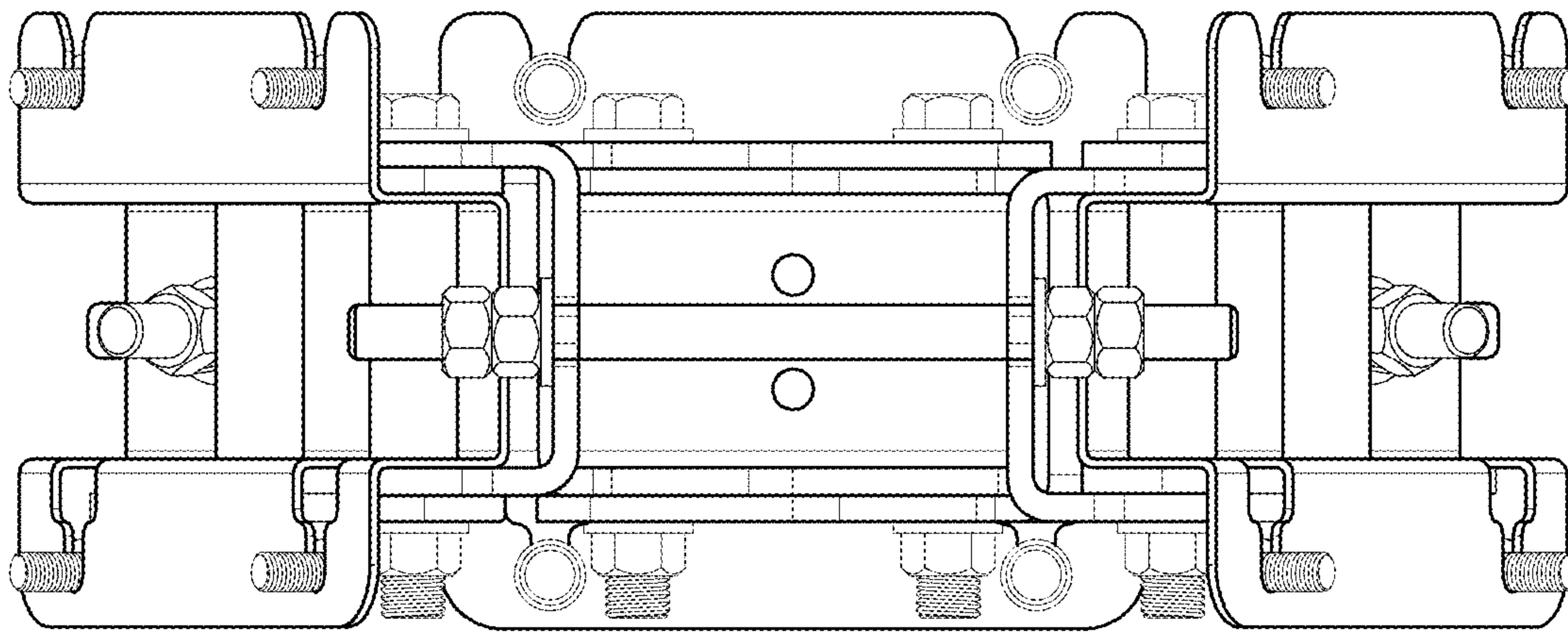


FIG. 2



**FIG. 3**

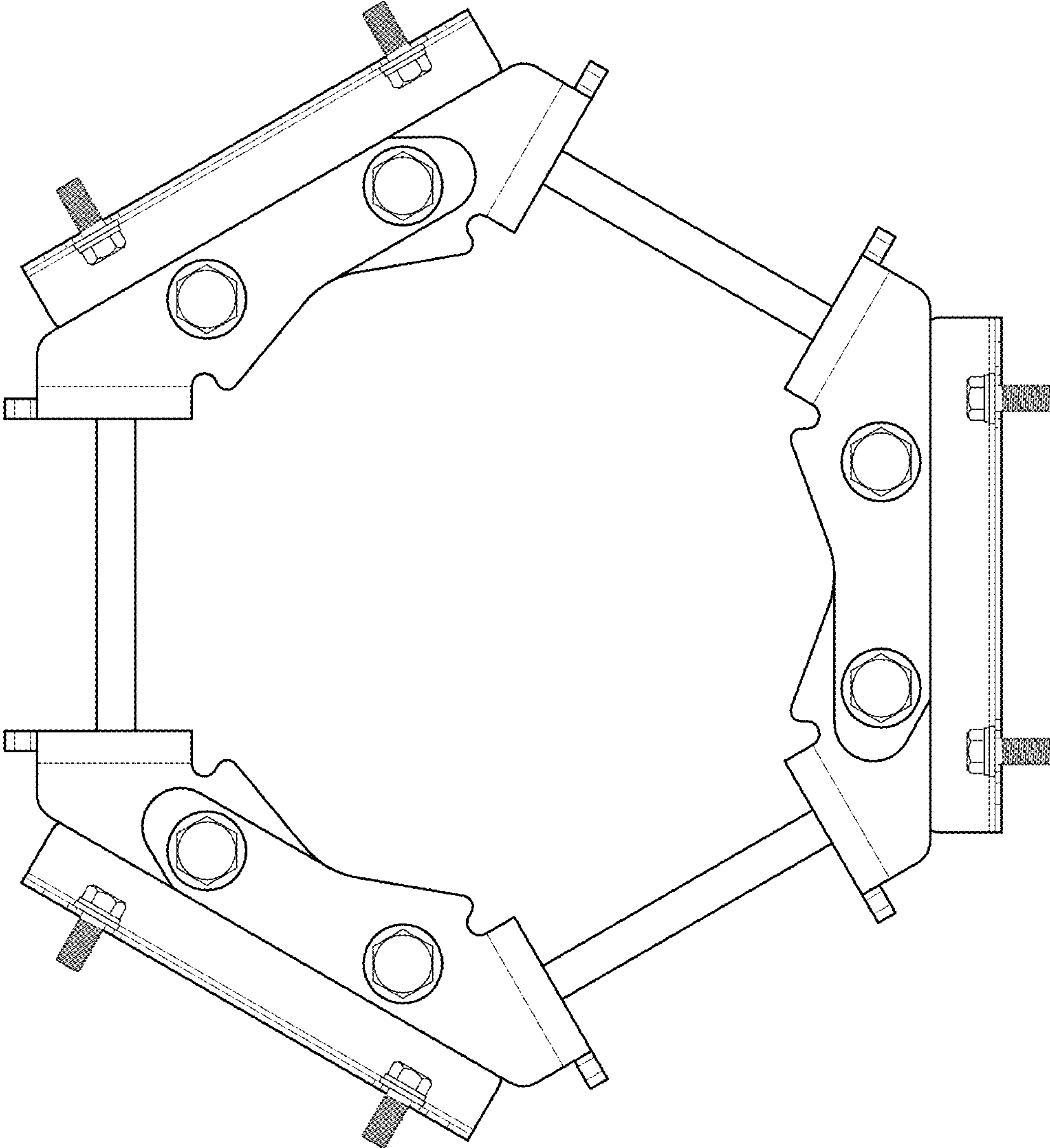


FIG. 4

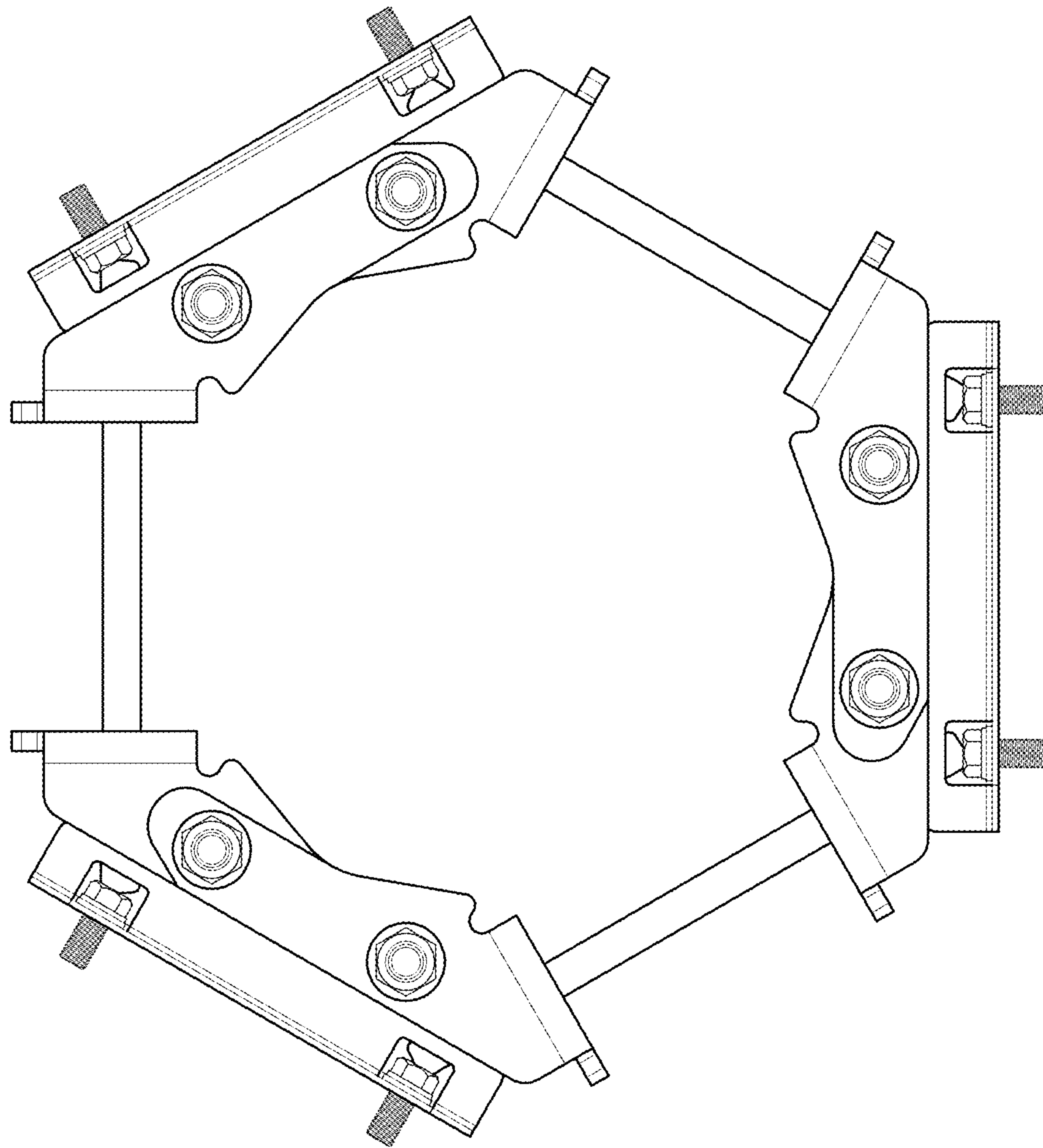


FIG. 5

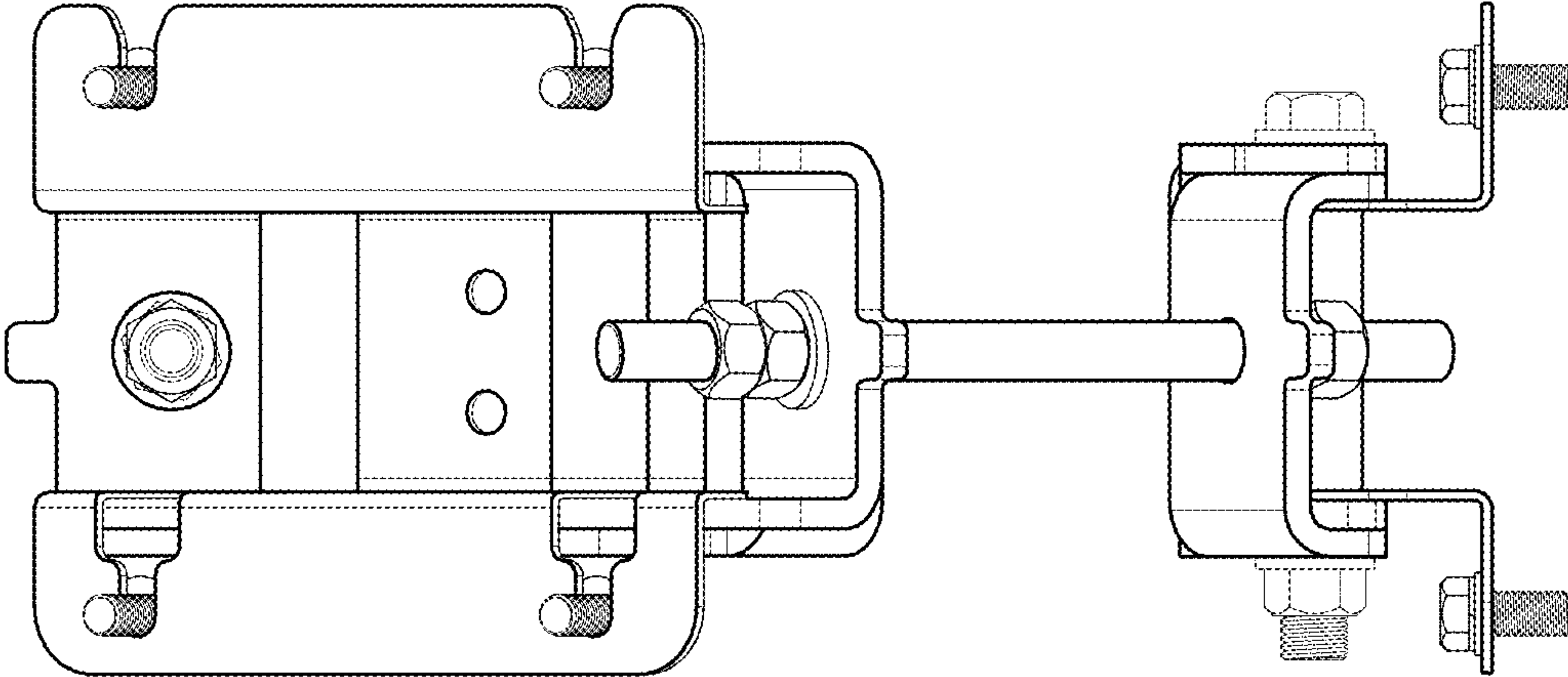


FIG. 6



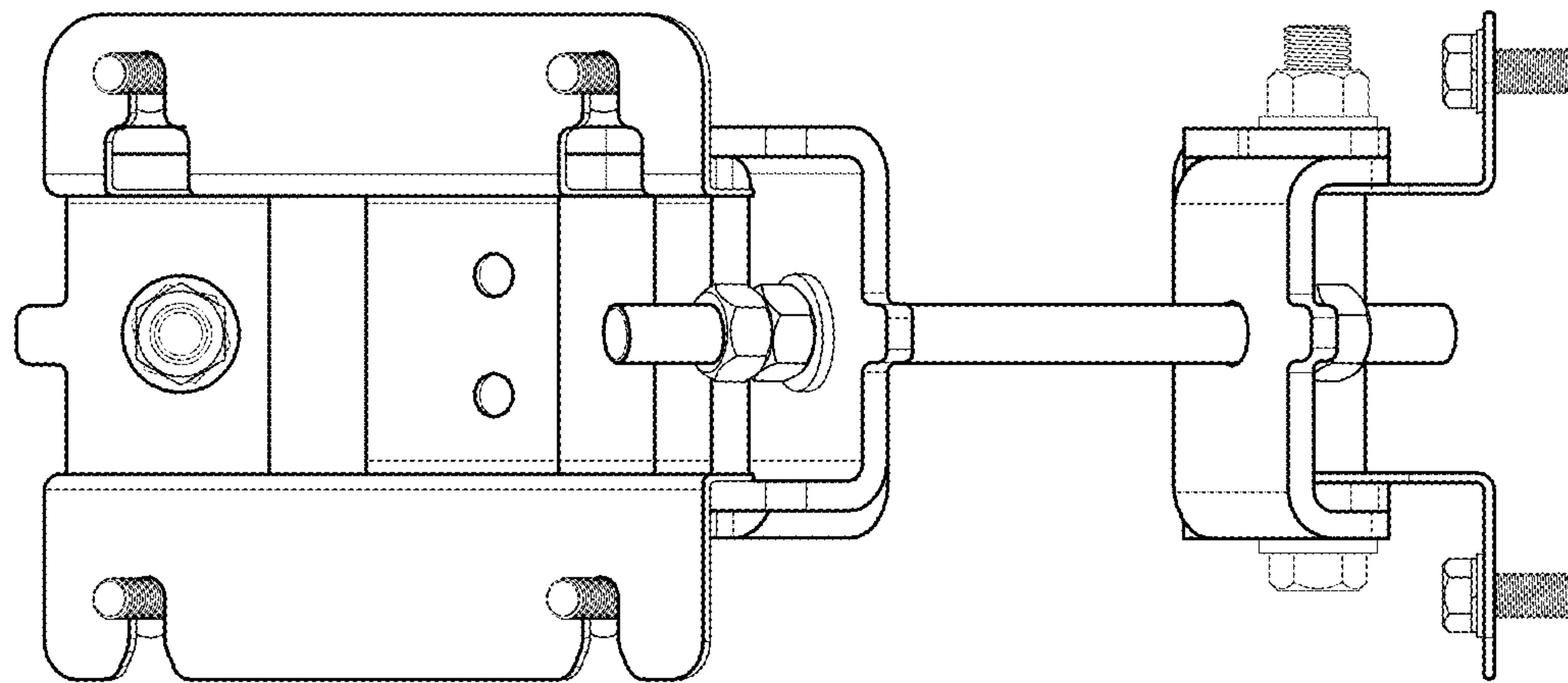


FIG. 7