



US00D761094S

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

(10) **Patent No.:** **US D761,094 S**
(45) **Date of Patent:** **** Jul. 12, 2016**

(54) **SWIVEL DEVICE FOR ATTACHING A CABLE TO A ROBOT**

(71) Applicant: **Timothy C. Hooten**, Detroit, MI (US)

(72) Inventor: **Timothy C. Hooten**, Detroit, MI (US)

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

(21) Appl. No.: **29/474,538**

(22) Filed: **Oct. 21, 2014**

(51) **LOC (10) Cl.** **08-08**

(52) **U.S. Cl.**
USPC **D8/382**

(58) **Field of Classification Search**
USPC D8/329, 499, 394, 383, 382, 380, 373,
D8/356, 354, 349, 51; D21/483, 576, 578,
D21/579, 585, 658
CPC B25J 19/00; B25J 19/0025; B23K 9/12;
H01R 39/64
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D148,698	S	*	2/1948	hanes	.....	D21/455
D234,040	S	*	1/1975	Cole	.....	D8/356
D272,597	S	*	2/1984	Cascone	.....	16/390
D334,781	S	*	4/1993	Vetterlein	.....	D21/585
D362,833	S	*	10/1995	McKelvey	.....	D12/133
D374,165	S	*	10/1996	Marshall	.....	D8/354
D440,845	S	*	4/2001	Lackey	.....	D8/29
D445,327	S	*	7/2001	Emms	.....	D8/382
6,352,369	B1		3/2002	Berninger		
D486,385	S	*	2/2004	Smith-Kielland	.....	248/681
7,241,969	B2		7/2007	Inoue et al.		
D585,570	S	*	1/2009	Zeilinger	.....	D25/138
D585,571	S	*	1/2009	Zeilinger	.....	D25/138
D613,580	S	*	4/2010	Hatter	.....	D8/354
D615,853	S	*	5/2010	Sullivan	.....	D8/380

8,171,818	B2		5/2012	Tokumitsu		
8,260,460	B2		9/2012	Sanders et al.		
D691,461	S	*	10/2013	Waugh	.....	D8/354
D737,863	S	*	9/2015	Singh	.....	D15/7
D744,317	S	*	12/2015	Densberger	.....	D8/354
D746,125	S	*	12/2015	Miller	.....	D8/356
2003/0085681	A1	*	5/2003	Sakamoto	.....	B25J 9/042 318/568.16
2006/0117896	A1	*	6/2006	Kidooka	.....	B25J 19/0025 74/490.02
2006/0133918	A1	*	6/2006	Akaha	.....	B25J 9/042 414/744.5

* cited by examiner

Primary Examiner — Sheryl Lane

Assistant Examiner — Ieisha Price

(74) *Attorney, Agent, or Firm* — Suzanne Kikel, Patent Agent

(57) **CLAIM**

The ornamental design for a swivel device for attaching a cable to a robot, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a swivel device for attaching a cable to a robot.

FIG. 2 is an exploded perspective view of the swivel device for attaching a cable to a robot of FIG. 1.

FIG. 3 is a front elevational view of FIG. 1.

FIG. 4 is a rear elevational view of FIG. 1.

FIG. 5 is a right side elevational view of FIG. 1.

FIG. 6 is a left side elevational view of FIG. 1.

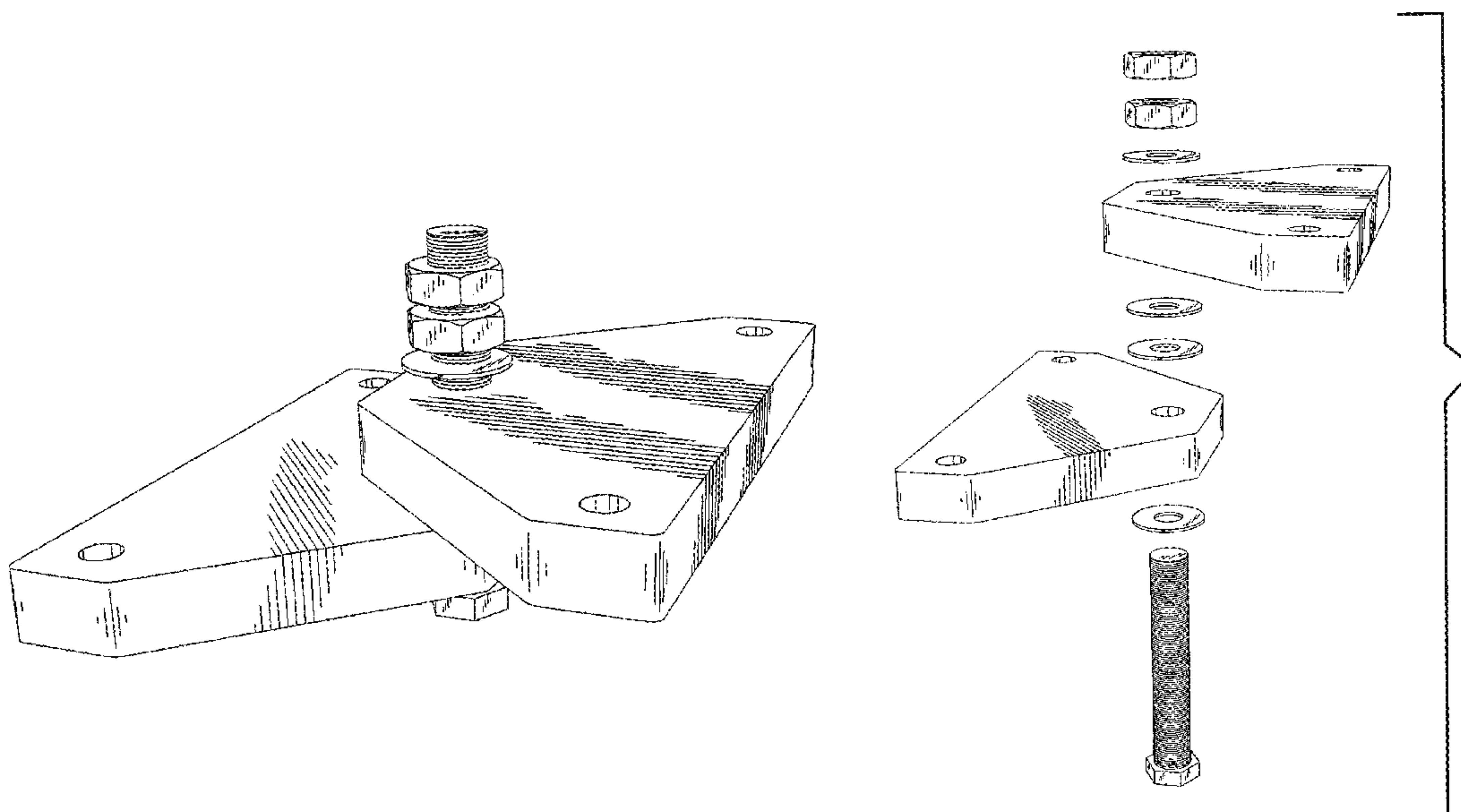
FIG. 7 is a top plan view of FIG. 1.

FIG. 8 is a bottom plan view of FIG. 1; and,

FIG. 9 is an environmental top plan view of the swivel device for attaching a cable to a robot of FIG. 1.

The broken lines shown in FIG. 9 represents the environment of the claimed design and forms no part thereof.

1 Claim, 6 Drawing Sheets



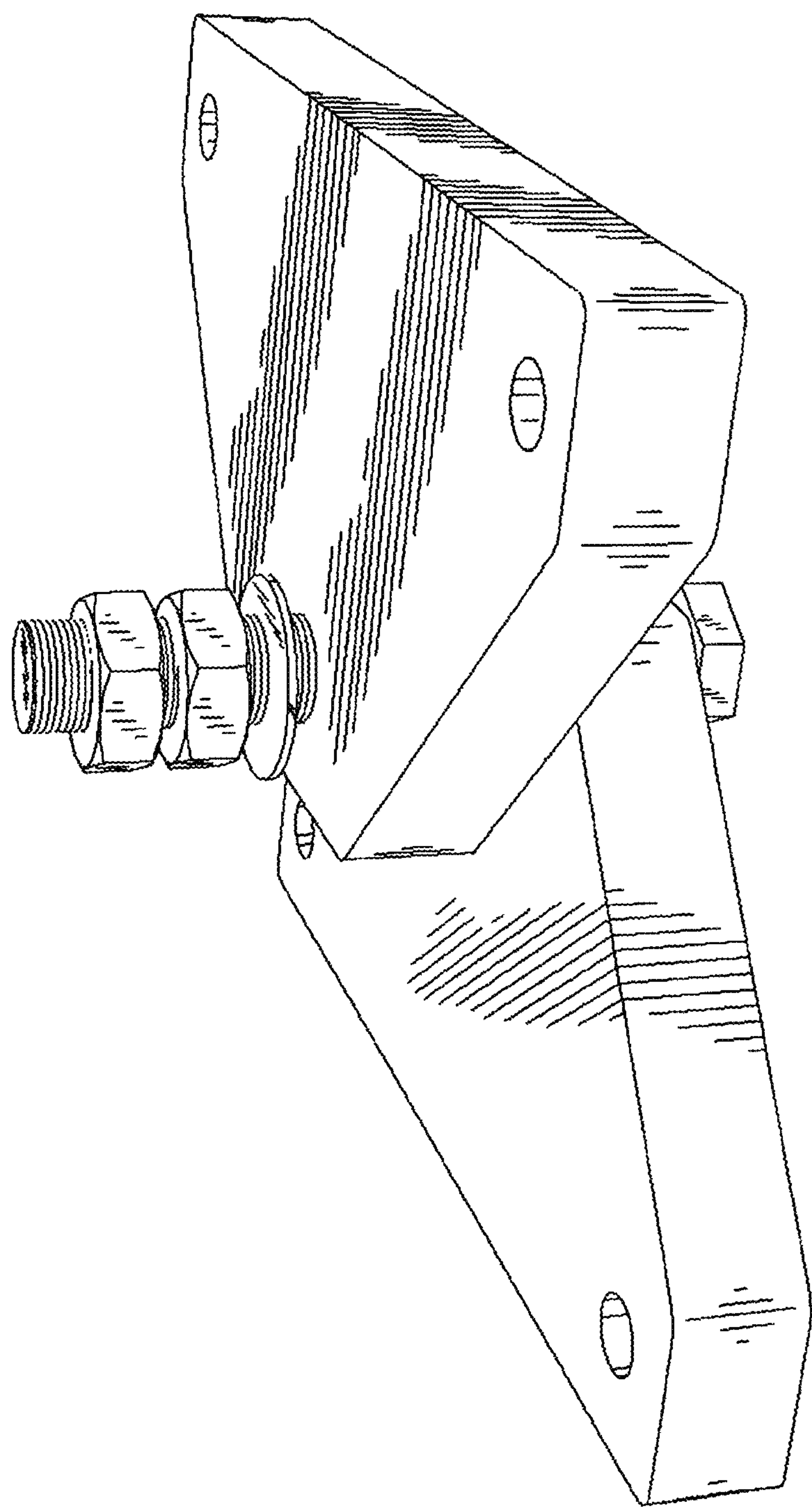


FIG. 1

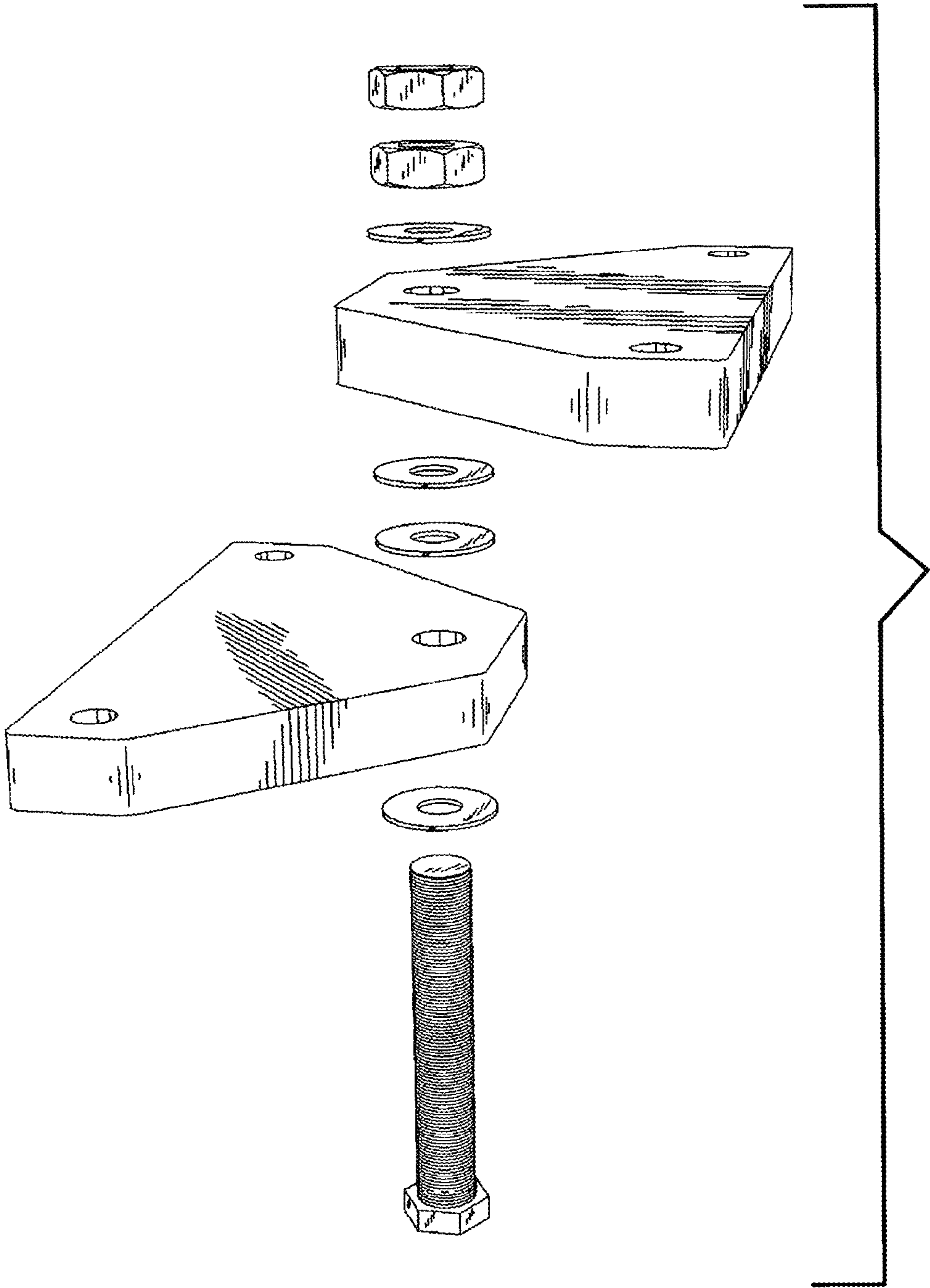


FIG. 2

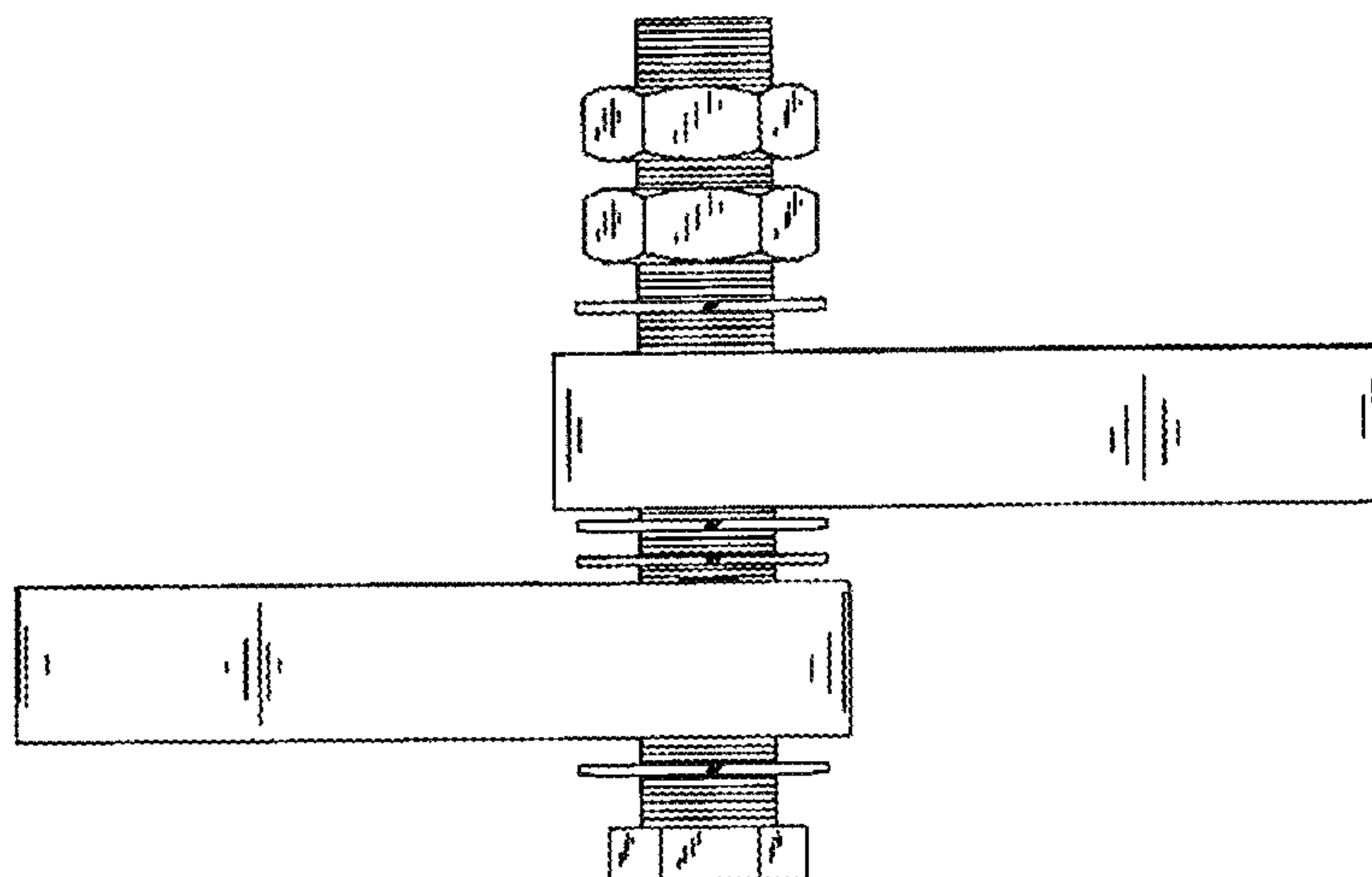


FIG. 3

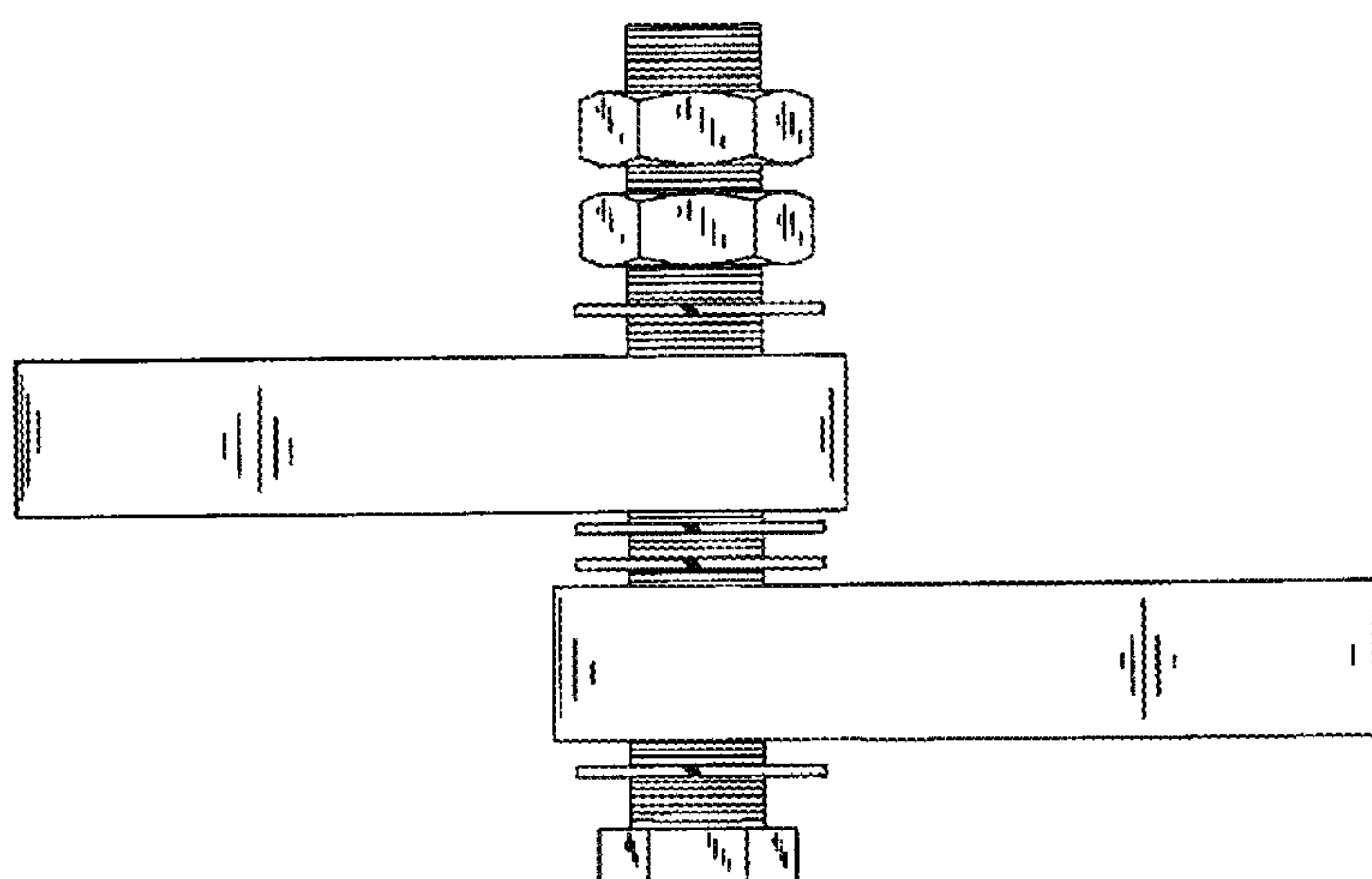


FIG. 4

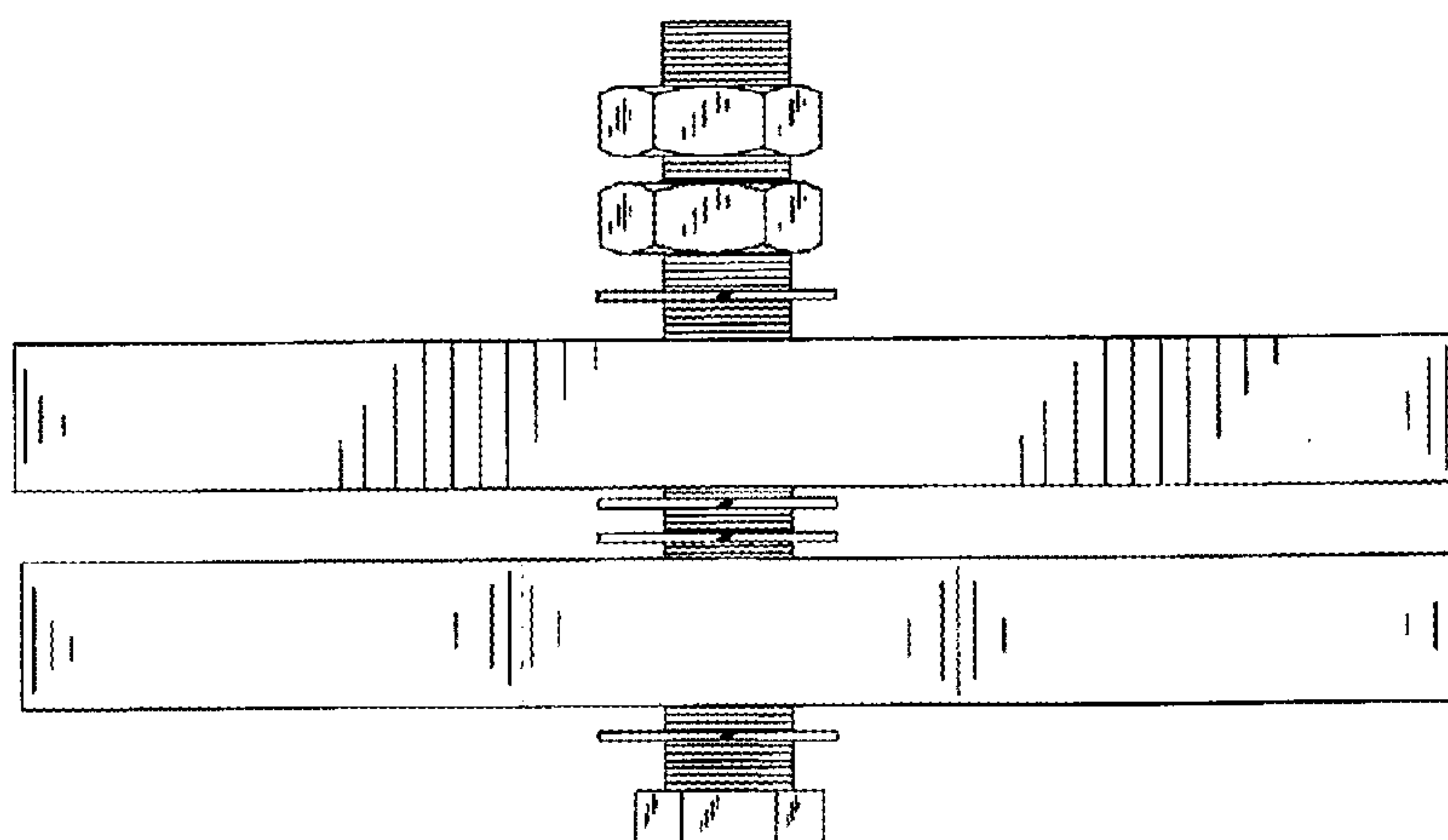


FIG. 5

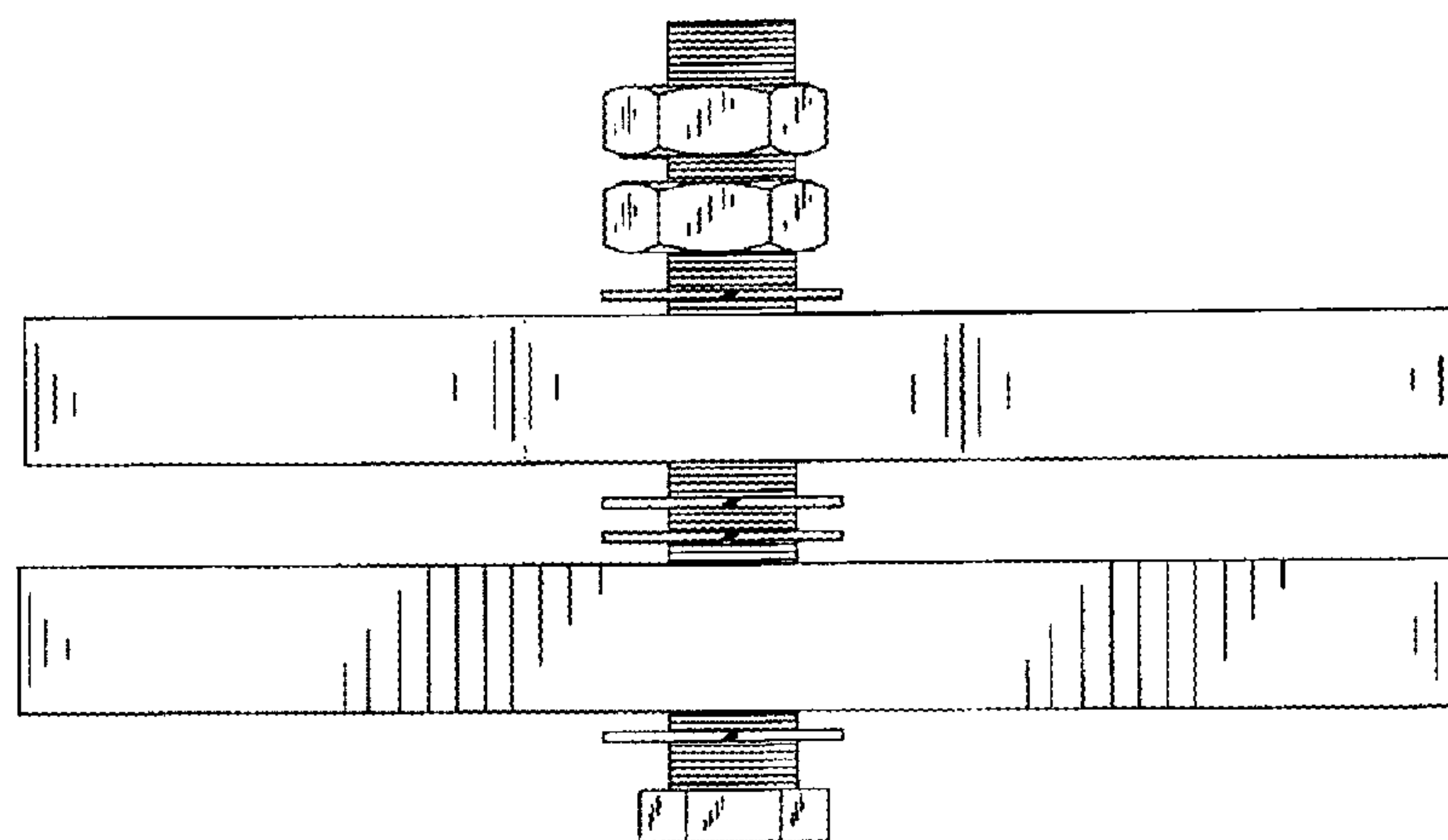


FIG. 6

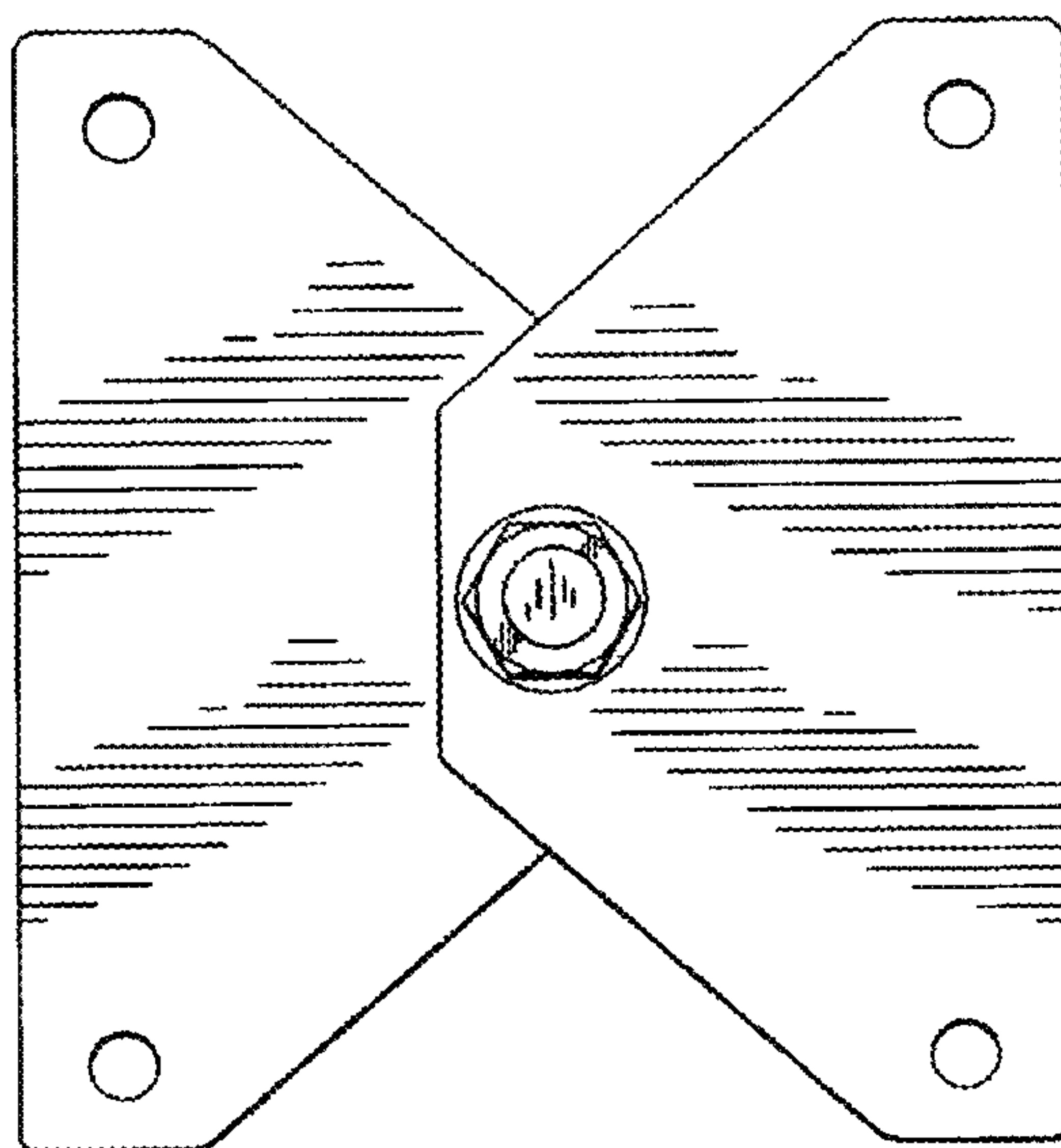


FIG. 7

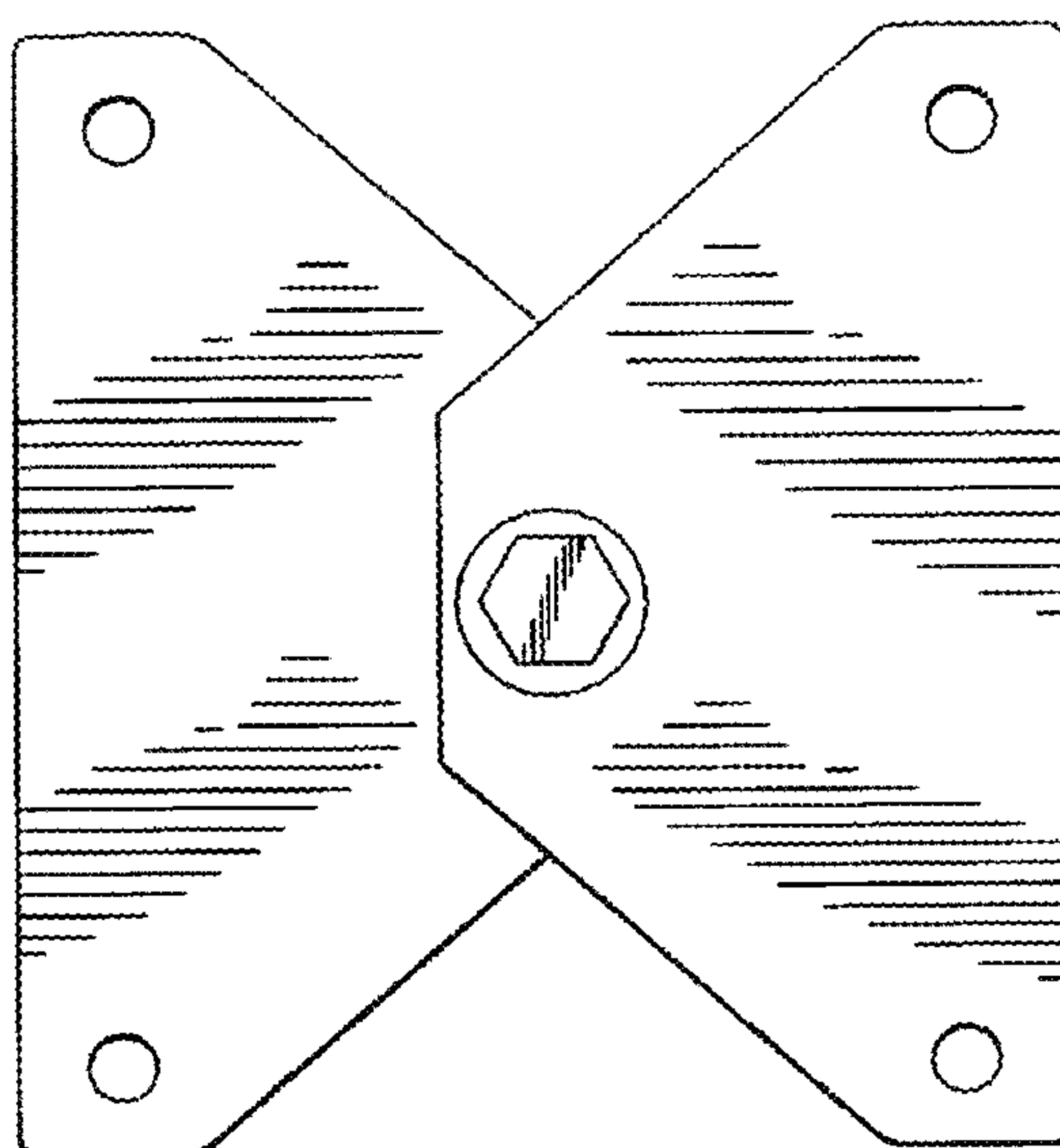


FIG. 8

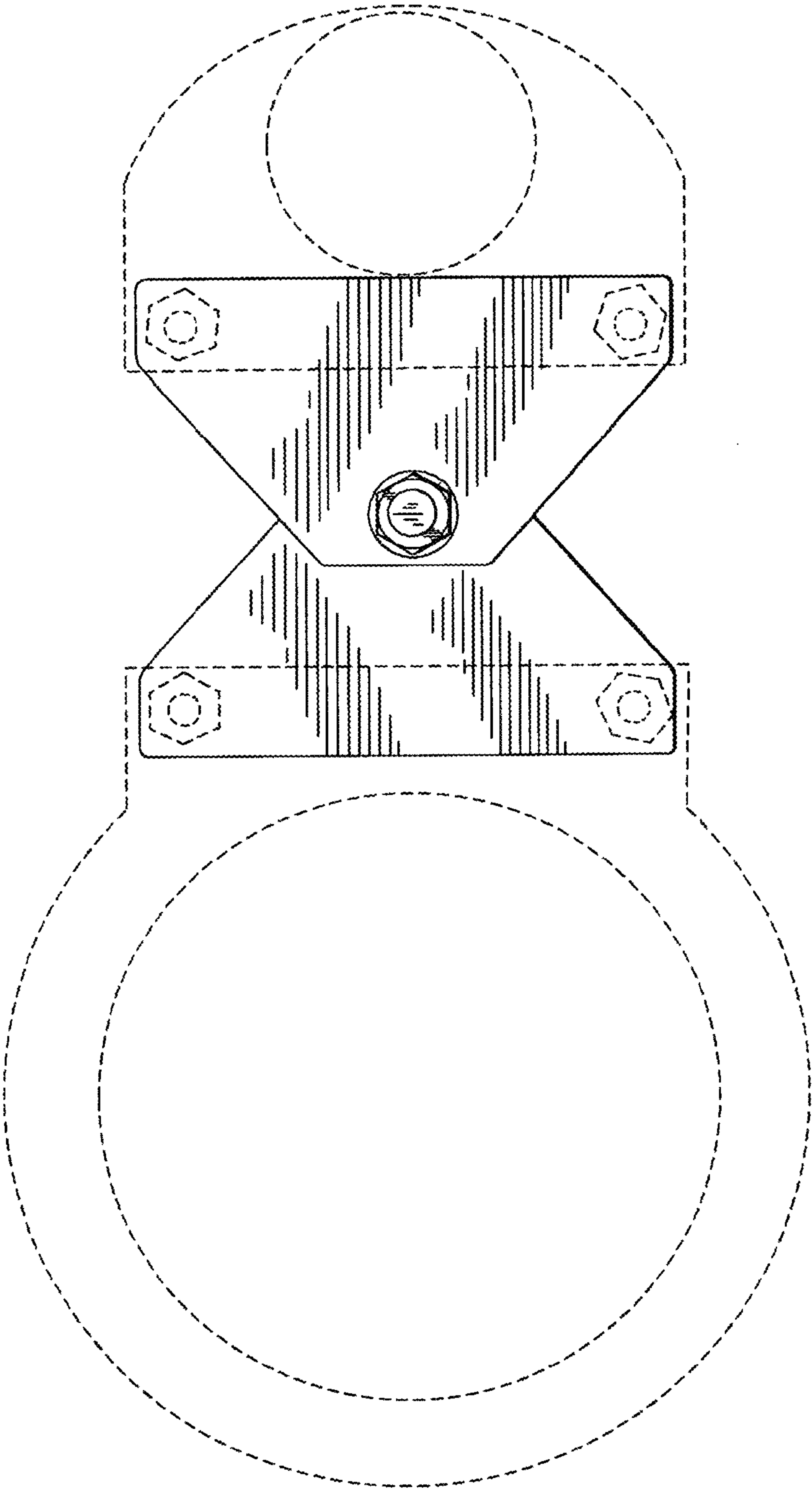


FIG. 9