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

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(54) **LATCHING DEVICE FOR REMOTE
MANIPULATION**

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (12) Cl.** **08-08**

(52) **U.S. Cl.**
USPC **D8/394**

(58) **Field of Classification Search**
USPC D8/394-398, 71-72, 79; D23/259-265
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

| | | | | |
|--------------|---------|-----------|-------|---------|
| D54,065 S * | 11/1919 | Cook | ..... | D13/120 |
| D140,716 S * | 4/1945 | Phillips | ..... | D23/264 |
| D178,911 S * | 10/1956 | Back | ..... | D15/140 |
| D206,288 S * | 11/1966 | Blakely | ..... | D8/396 |
| D294,457 S * | 3/1988 | Doty | ..... | D8/373 |
| D297,112 S * | 8/1988 | Holdaway | ..... | D8/373 |
| D337,934 S * | 8/1993 | Young | ..... | D8/355 |
| D355,114 S * | 2/1995 | Wizman | ..... | D8/71 |
| D365,512 S * | 12/1995 | Mason | ..... | D8/394 |
| D385,469 S * | 10/1997 | Borgstrom | ..... | D8/72 |
| D387,073 S * | 12/1997 | Mori | ..... | D15/140 |
| D393,417 S * | 4/1998 | Glickman | ..... | D8/382 |

| | | | | |
|----------------|---------|-----------|-------|----------------------|
| D443,493 S * | 6/2001 | Skeem | ..... | D8/72 |
| D461,710 S * | 8/2002 | Heltzer | ..... | D8/354 |
| D556,530 S * | 12/2007 | Workman | ..... | D8/72 |
| D592,304 S * | 5/2009 | Kuehfuss | ..... | D24/128 |
| D638,696 S * | 5/2011 | Kubota | ..... | D8/394 |
| D668,522 S * | 10/2012 | Henderson | ..... | D8/73 |
| 8,733,027 B1 * | 5/2014 | Marston | ..... | F24S 25/636 52/24 |
| D740,920 S * | 10/2015 | Nakamura | ..... | D23/259 |
| D749,940 S * | 2/2016 | Hermle | ..... | D8/394 |

(Continued)

FOREIGN PATENT DOCUMENTS

IN 297284-0001 * 8/2018

OTHER PUBLICATIONS

Nagaki Seiki Ratchet Puller, website 2018, <http://ngk-nagaki.com/product3.html>, site visited Mar. 31, 2019.*

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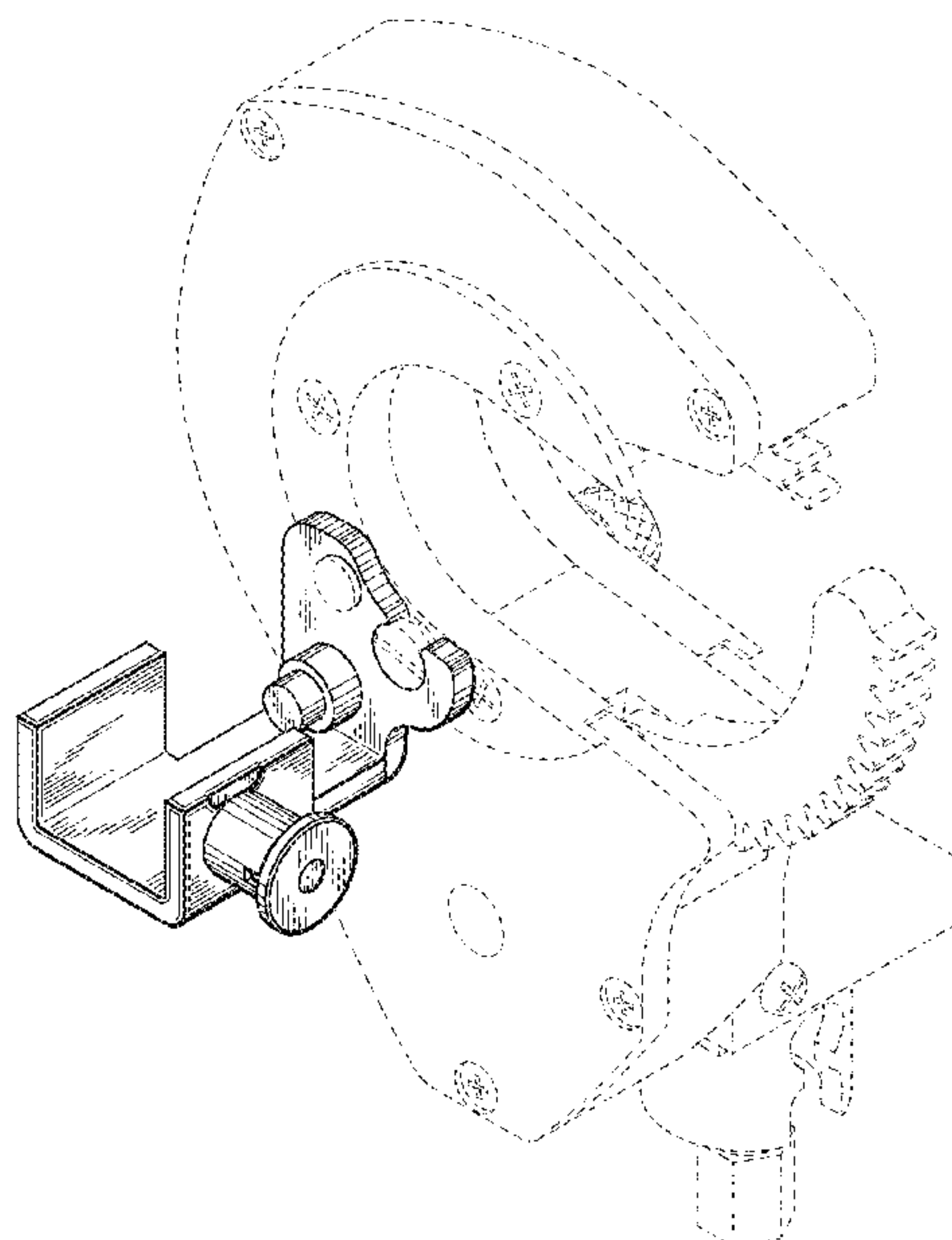
(57) **CLAIM**

The ornamental design for a latching device for remote manipulation, as shown and described.

DESCRIPTION

FIG. 1 is a front view of the latching device for remote manipulation;
FIG. 2 is a rear view thereof;
FIG. 3 is a top view thereof;
FIG. 4 is a bottom view thereof;
FIG. 5 is a right side view thereof;
FIG. 6 is a left side view thereof; and,
FIG. 7 is a perspective view thereof.
The broken lines illustrate portions of the latching device for remote manipulation and form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

| | | | | | |
|--------------|------|---------|---------------------|-------|-----------------------|
| D766,075 | S * | 9/2016 | Milbank | ..... | D8/383 |
| D767,983 | S * | 10/2016 | Jiang | ..... | D8/394 |
| D782,928 | S * | 4/2017 | Takakuwa | ..... | D10/103 |
| 9,746,011 | B2 * | 8/2017 | Jiang | ..... | F16B 2/065 |
| 10,174,511 | B2 * | 1/2019 | Lutes | ..... | F16M 13/022 |
| D841,277 | S * | 2/2019 | Chintalapalli Patta | ..... | D34/35 |
| D860,628 | S * | 9/2019 | Hu | ..... | D3/10 |
| 2009/0051090 | A1 * | 2/2009 | Barnes, Jr. | ..... | B23K 37/0533 269/8 |

* cited by examiner

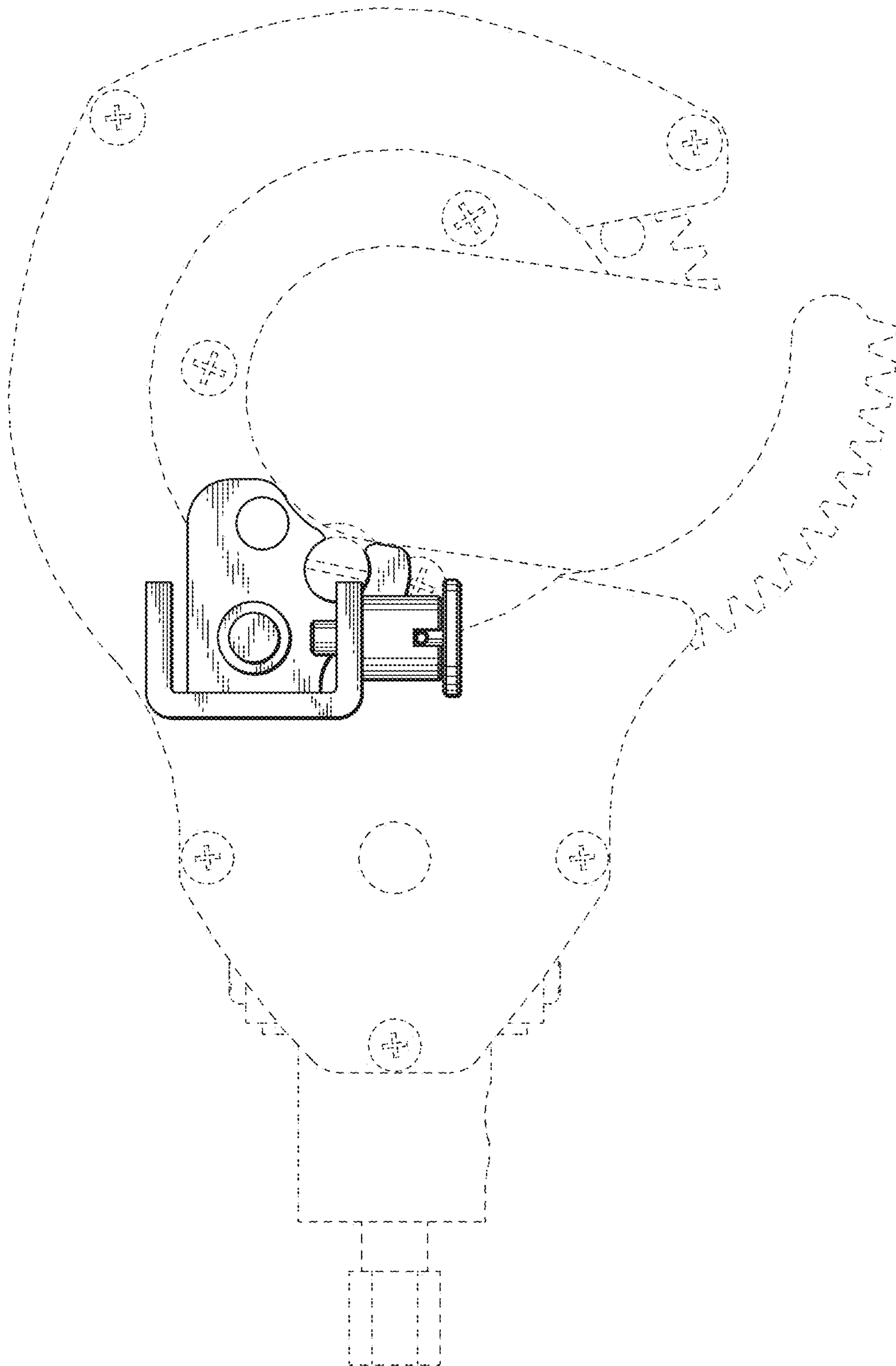


FIG. 1

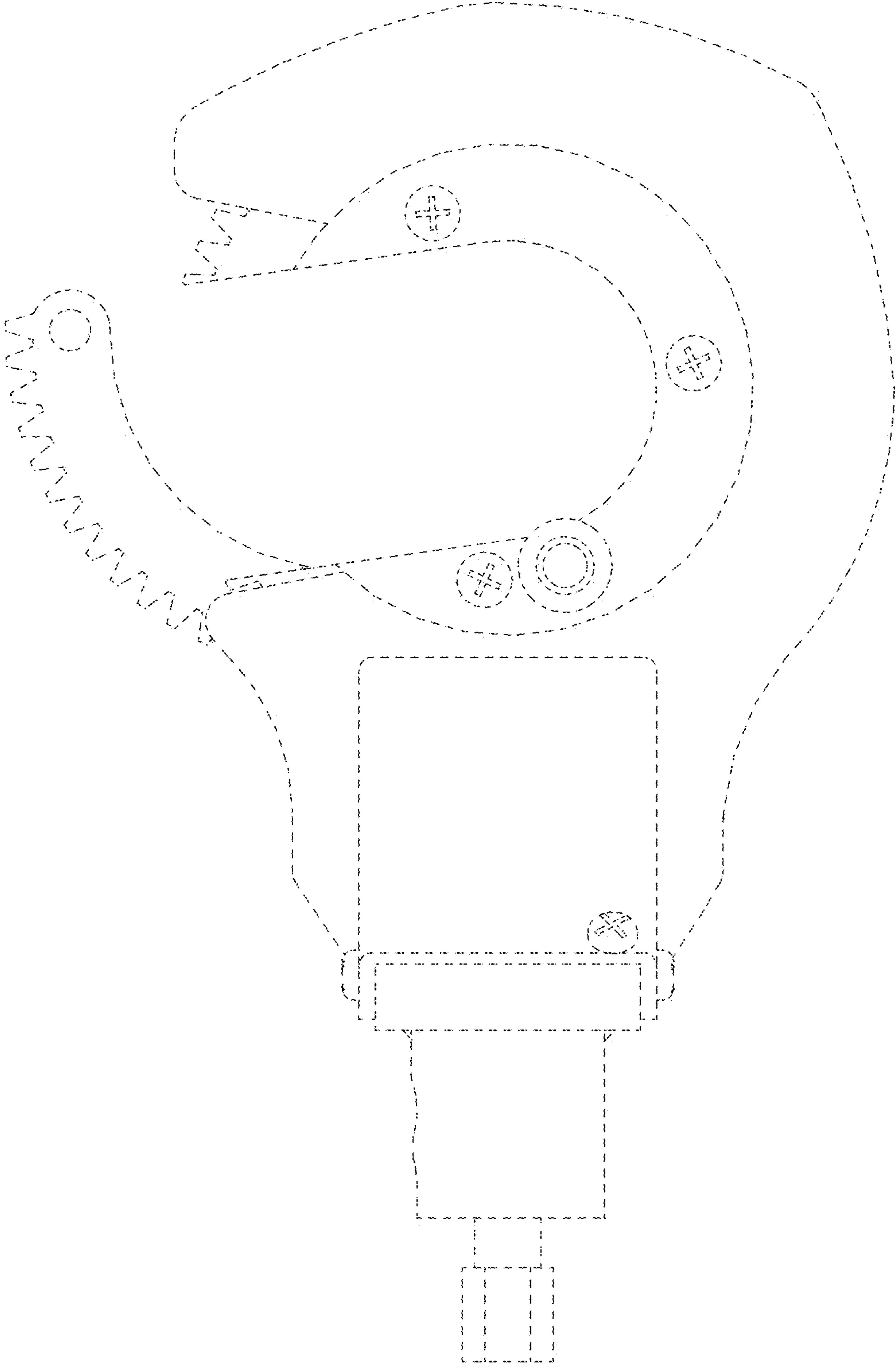


FIG. 2

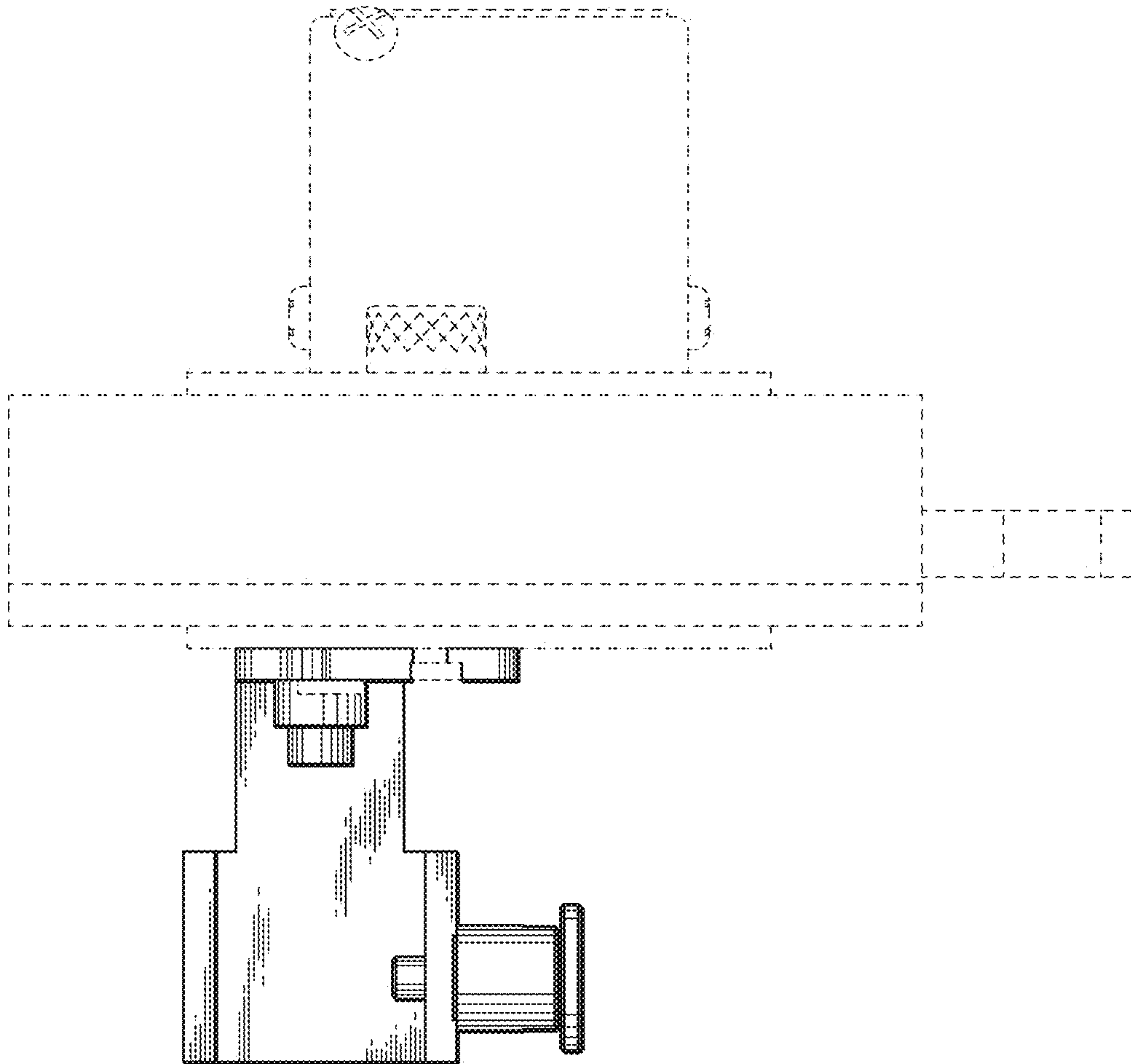


FIG. 3

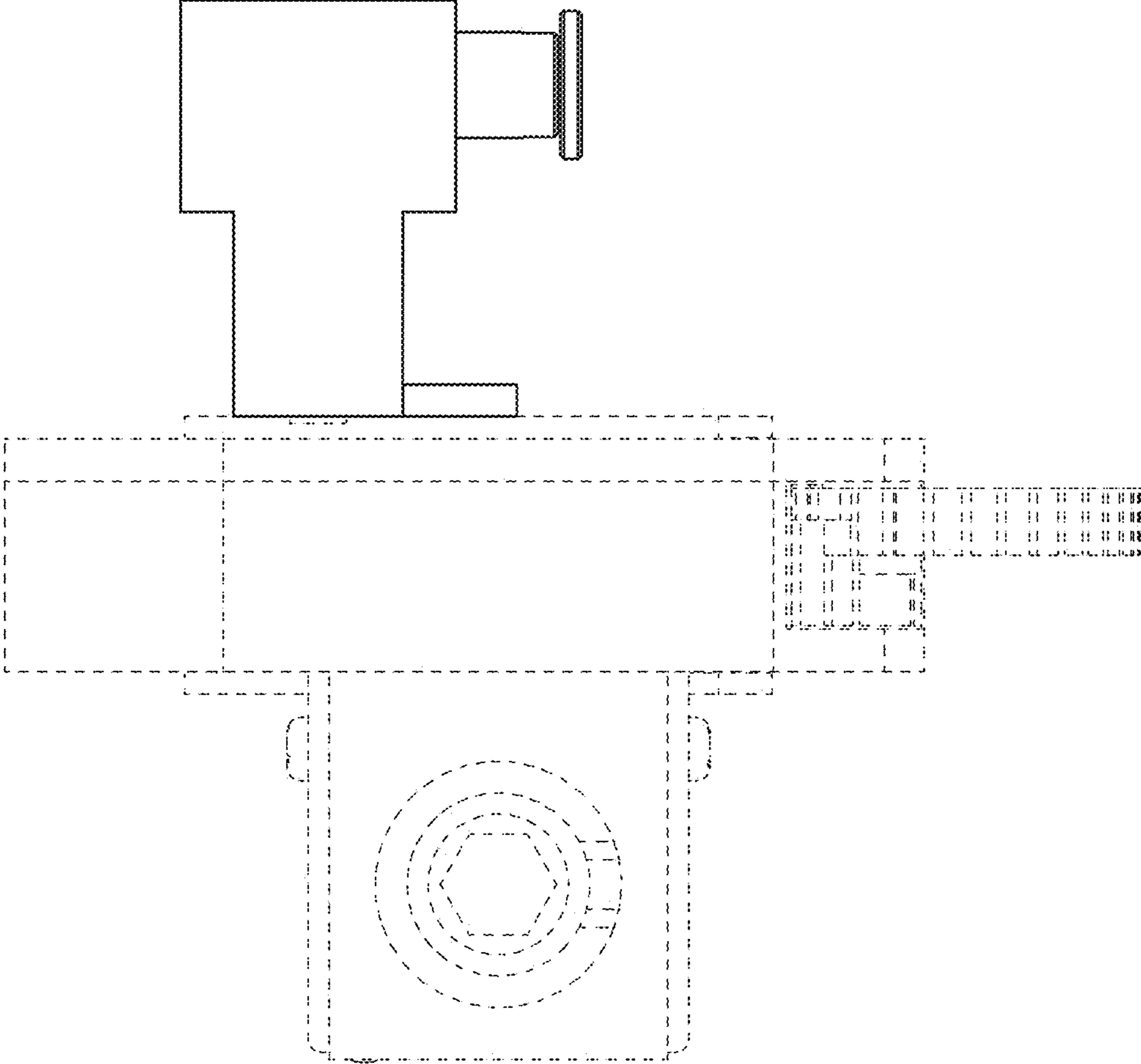


FIG. 4

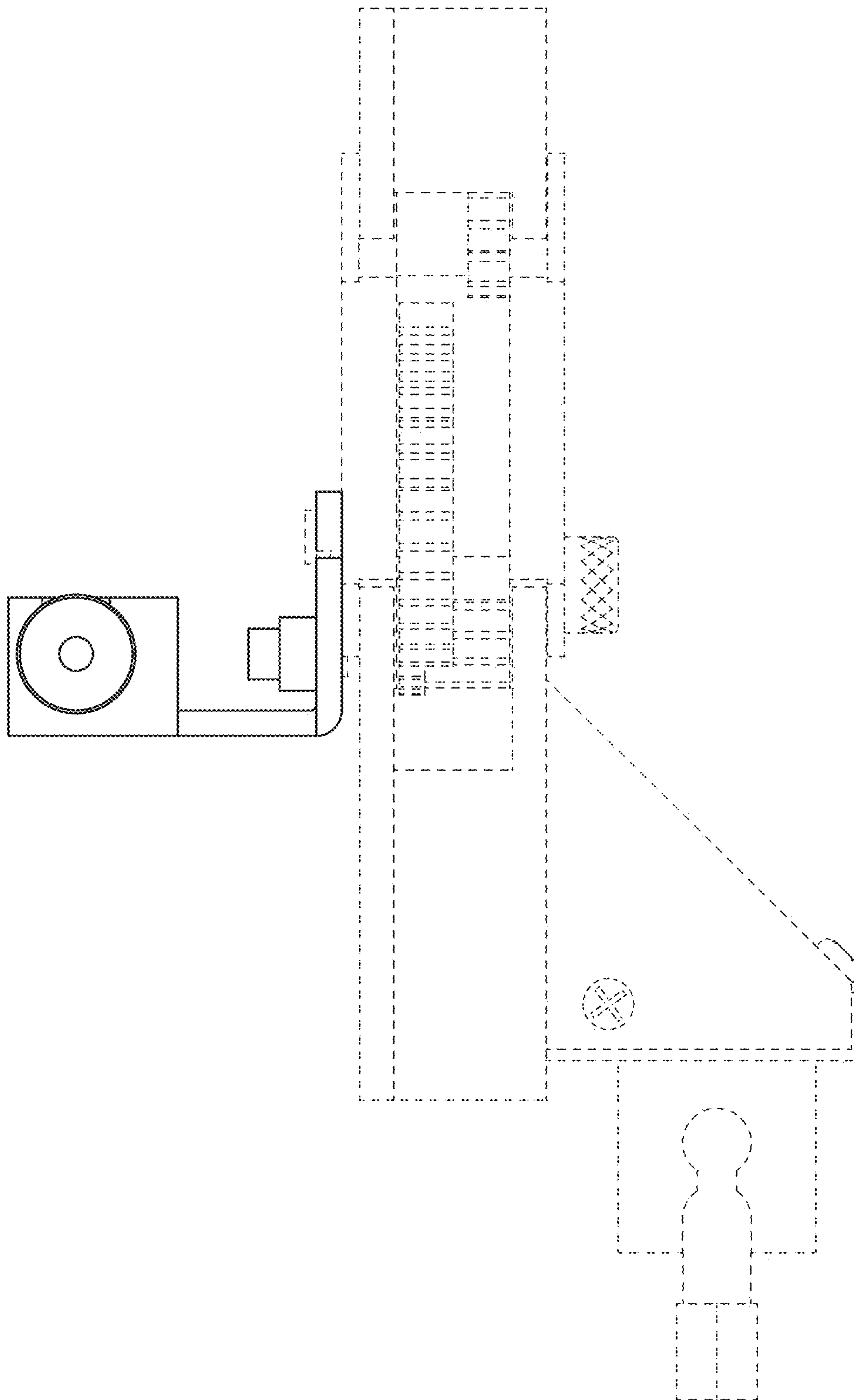


FIG. 5

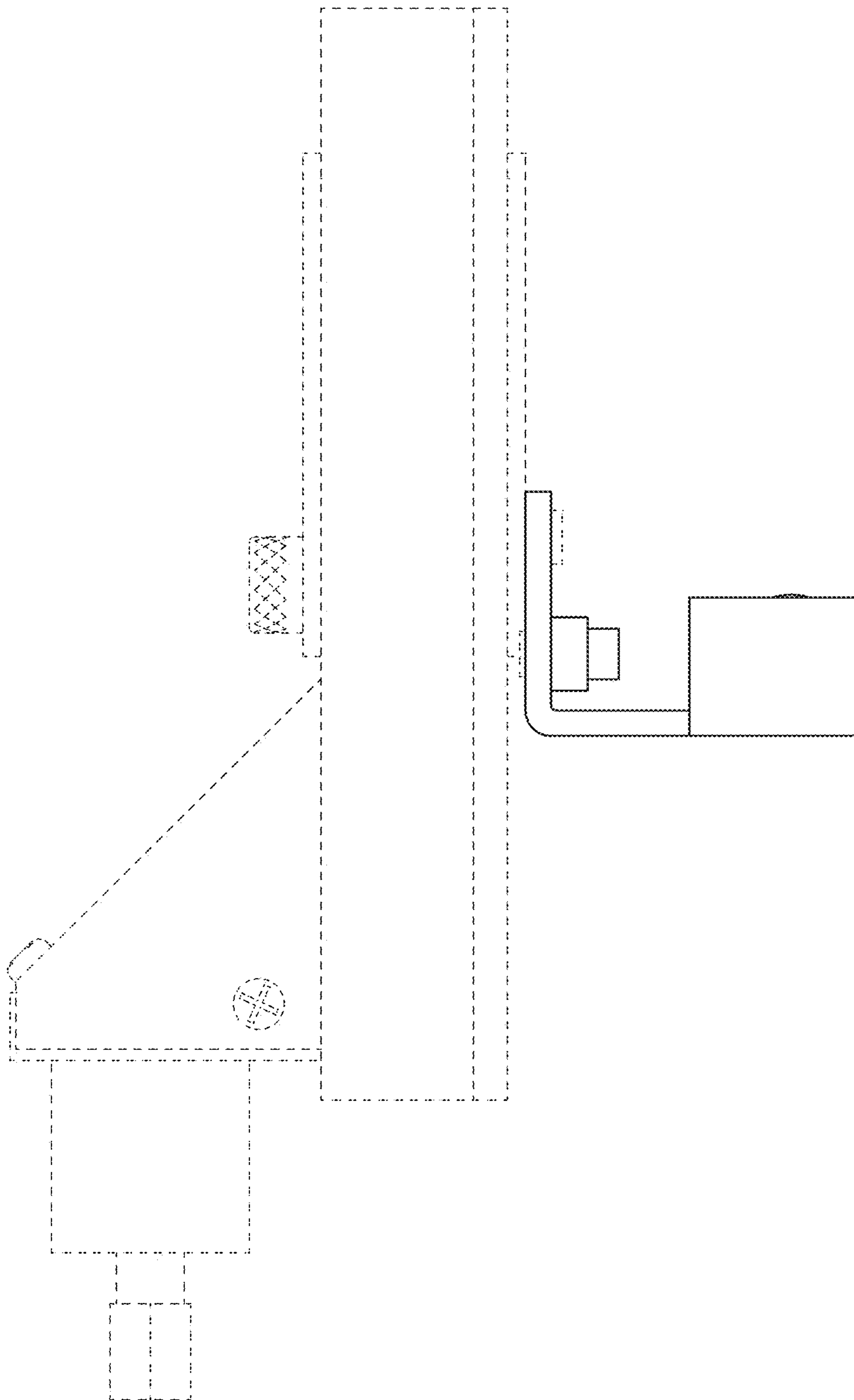


FIG. 6

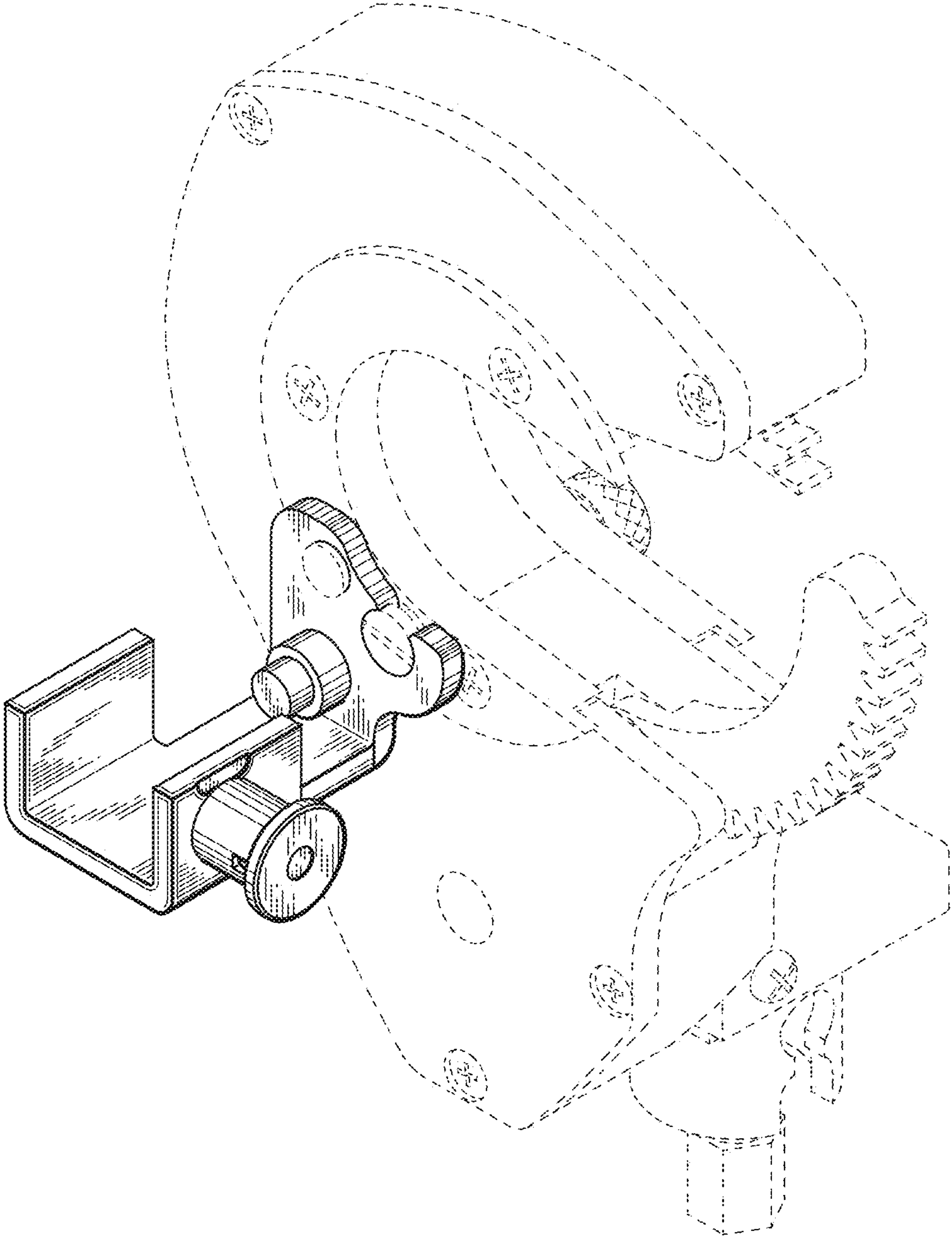


FIG. 7