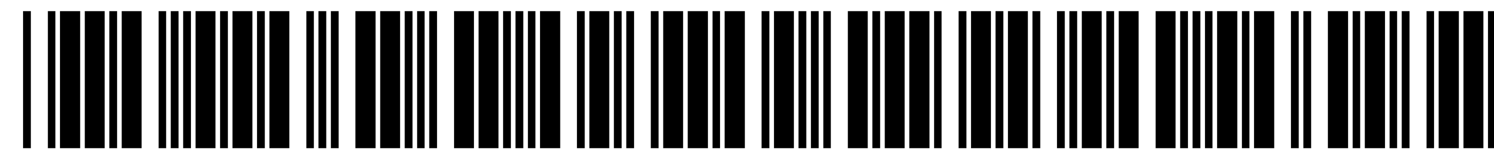
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(12) United States Design Patent
Koyama et al.

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(45) Date of Patent: ** **Aug. 15, 2017**

(54) **SAMPLE HOLDER FOR AN ELECTRON MICROSCOPE**

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(72) Inventors: **Kazuhiro Koyama**, Tokyo (JP); **Masahiro Sasajima**, Tokyo (JP)

(73) Assignee: **HITACHI HIGH-TECHNOLOGIES CORPORATION**, Tokyo (JP)

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

(21) Appl. No.: **29/488,729**

(22) Filed: **Apr. 23, 2014**

(30) **Foreign Application Priority Data**

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(51) **LOC (10) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/224**

(58) **Field of Classification Search**
USPC D24/216, 222–225, 227, 231–232; D10/75, 80, 81; 250/310, 311, 440.11, 250/441.11, 442.11, 443.1; 73/864.91, 73/862.474; 206/557; 228/136; D16/131, 136
CPC . H01J 37/20; H01J 37/26; H01J 37/28; G02B 21/32; B01L 3/508; G01N 23/04; G01N 23/08; H01R 12/79
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,727,051 A * 4/1973 Page H01J 37/20 250/311
D249,708 S * 9/1978 Smith D24/224
4,262,194 A * 4/1981 Hayward H01J 37/20 250/440.11
D333,187 S * 2/1993 Omi D16/136
5,367,171 A * 11/1994 Aoyama H01J 37/20 250/442.11
5,698,856 A * 12/1997 Frasca H01J 37/20 250/440.11
5,753,924 A * 5/1998 Swann H01J 37/20 250/440.11
D431,300 S * 9/2000 Fisch D24/225
6,246,060 B1 * 6/2001 Ackeret H01J 37/20 250/441.11
6,388,262 B1 * 5/2002 Alani H01J 37/20 250/442.11

(Continued)

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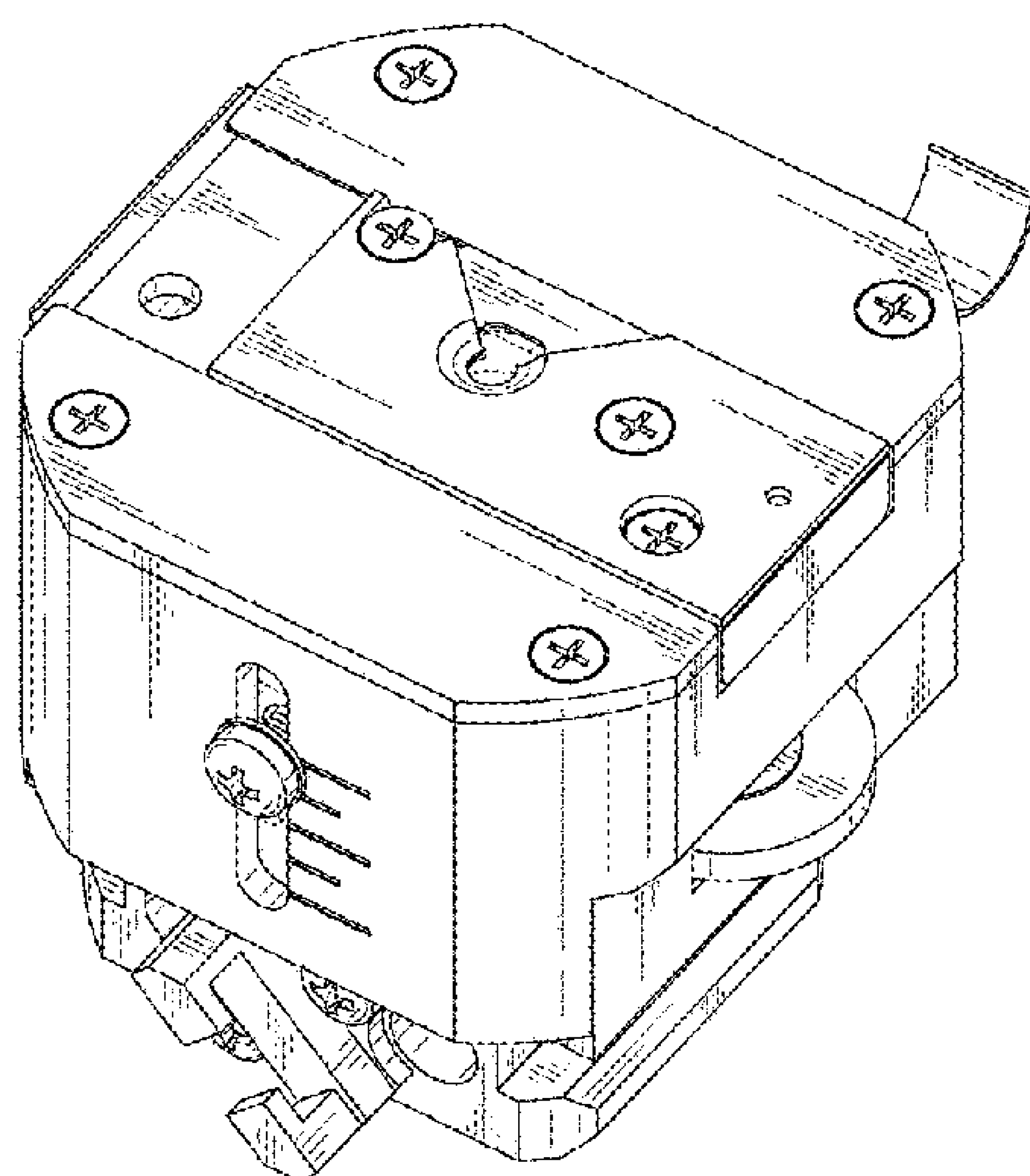
(57) **CLAIM**

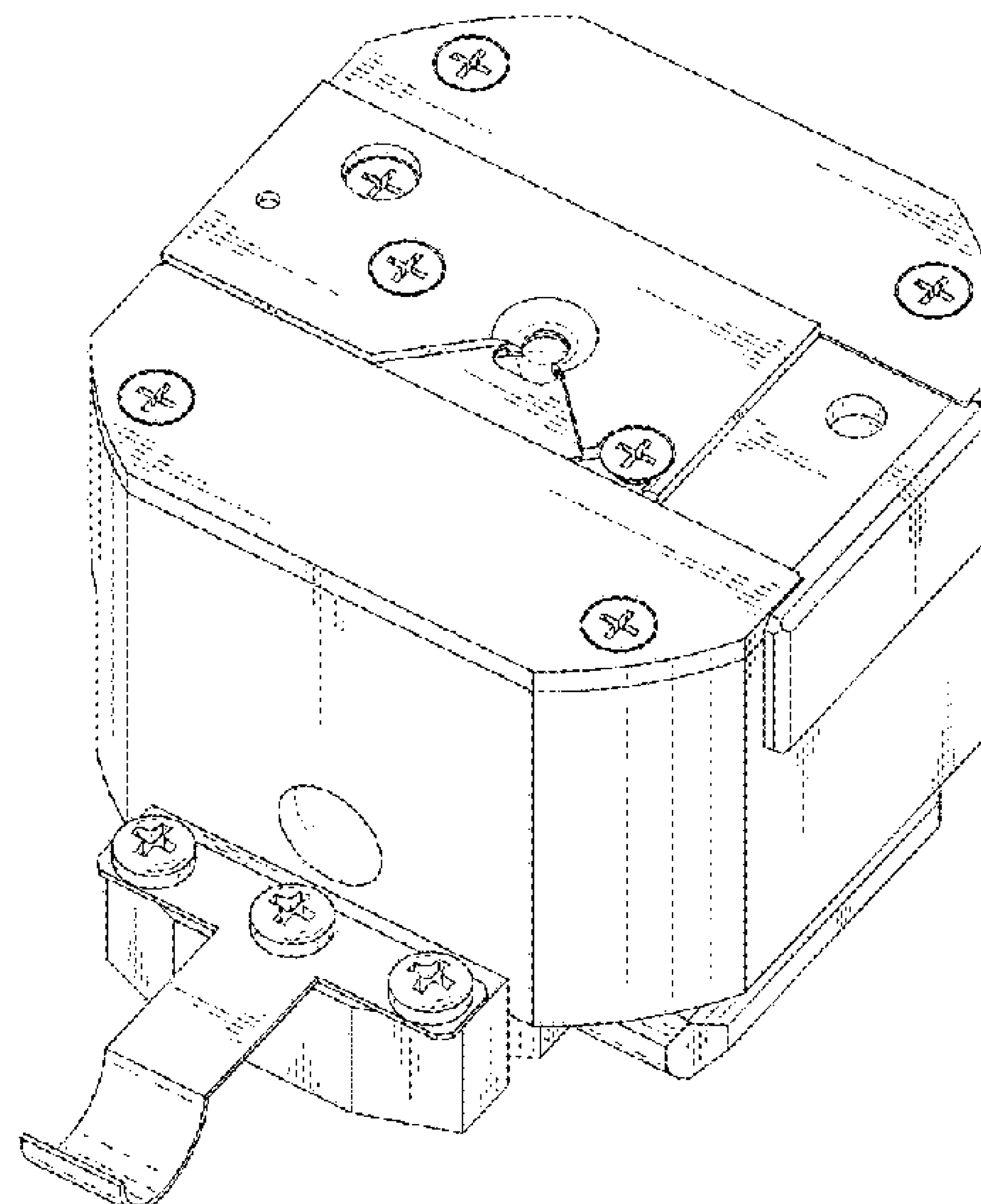
We claim the ornamental design for a sample holder for an electron microscope, as shown and described.

DESCRIPTION

FIG. **1** is a front, top and left side perspective view of a sample holder for an electron microscope showing our new design;
FIG. **2** is a rear, top and right side perspective view thereof;
FIG. **3** is a front elevational view thereof;
FIG. **4** is a rear elevational view thereof;
FIG. **5** is a left side elevational view thereof;
FIG. **6** is a right side elevational view thereof;
FIG. **7** is a top plan view thereof; and,
FIG. **8** is a bottom plan view thereof.
The broken lines are included for the purpose of illustrating unclaimed portions of the sample holder for an electron microscope and form no part of the claimed design.

1 Claim, 8 Drawing Sheets





(56) **References Cited**

U.S. PATENT DOCUMENTS

6,414,322 B1 * 7/2002 Carroll H01J 37/20 250/442.11
6,967,335 B1 * 11/2005 Dyer G02B 21/32 250/442.11
6,989,542 B2 * 1/2006 Moses H01J 37/20 250/311
7,230,242 B2 * 6/2007 Behar B01L 3/508 250/310
D578,653 S * 10/2008 Suzuki D24/216
D578,655 S * 10/2008 Suzuki D24/224
D579,120 S * 10/2008 Suzuki D24/224
7,619,225 B2 * 11/2009 Shan H01J 37/26 206/557
7,800,077 B2 * 9/2010 Moriya H01J 37/20 73/862.474
D651,226 S * 12/2011 Nagakubo D16/131
8,143,593 B2 * 3/2012 Milas H01J 37/20 250/440.11
D660,335 S * 5/2012 Nagakubo D16/130
8,338,798 B2 * 12/2012 Terada H01J 37/20 250/441.11
D684,274 S * 6/2013 Hosoya D24/224
8,497,487 B2 * 7/2013 Milas H01J 37/20 250/440.11
D692,578 S * 10/2013 Kikuhara D24/216
8,569,714 B2 * 10/2013 Han G01N 23/04 250/440.11
8,575,566 B2 * 11/2013 Chen H01J 37/20 250/440.11
D700,711 S * 3/2014 Kikuhara D24/216
D701,782 S * 4/2014 Lekgoathi D10/81
8,772,736 B2 * 7/2014 Feng H01J 37/26 228/136
D711,011 S * 8/2014 Noda D24/227
8,835,847 B2 * 9/2014 Yaguchi H01J 37/20 250/311
8,878,144 B2 * 11/2014 Yaguchi H01J 37/20 250/443.1
8,969,828 B2 * 3/2015 Sakamoto H01J 37/28 250/440.11
D730,962 S * 6/2015 Ominami D16/131
D731,570 S * 6/2015 Ominami D16/131
9,159,530 B2 * 10/2015 Hosoya H01J 37/28
9,196,457 B2 * 11/2015 Grogan H01J 37/20
D748,706 S * 2/2016 Ominami D16/131
9,343,261 B2 * 5/2016 Chang H01J 37/26
9,437,393 B2 * 9/2016 Damiano, Jr. H01R 12/79
2002/0194938 A1 * 12/2002 Koo H01J 37/20 73/864.91
2005/0035302 A1 * 2/2005 Morrison H01J 37/20 250/442.11
2007/0125947 A1 * 6/2007 Sprinzak B01L 3/508 250/310

* cited by examiner

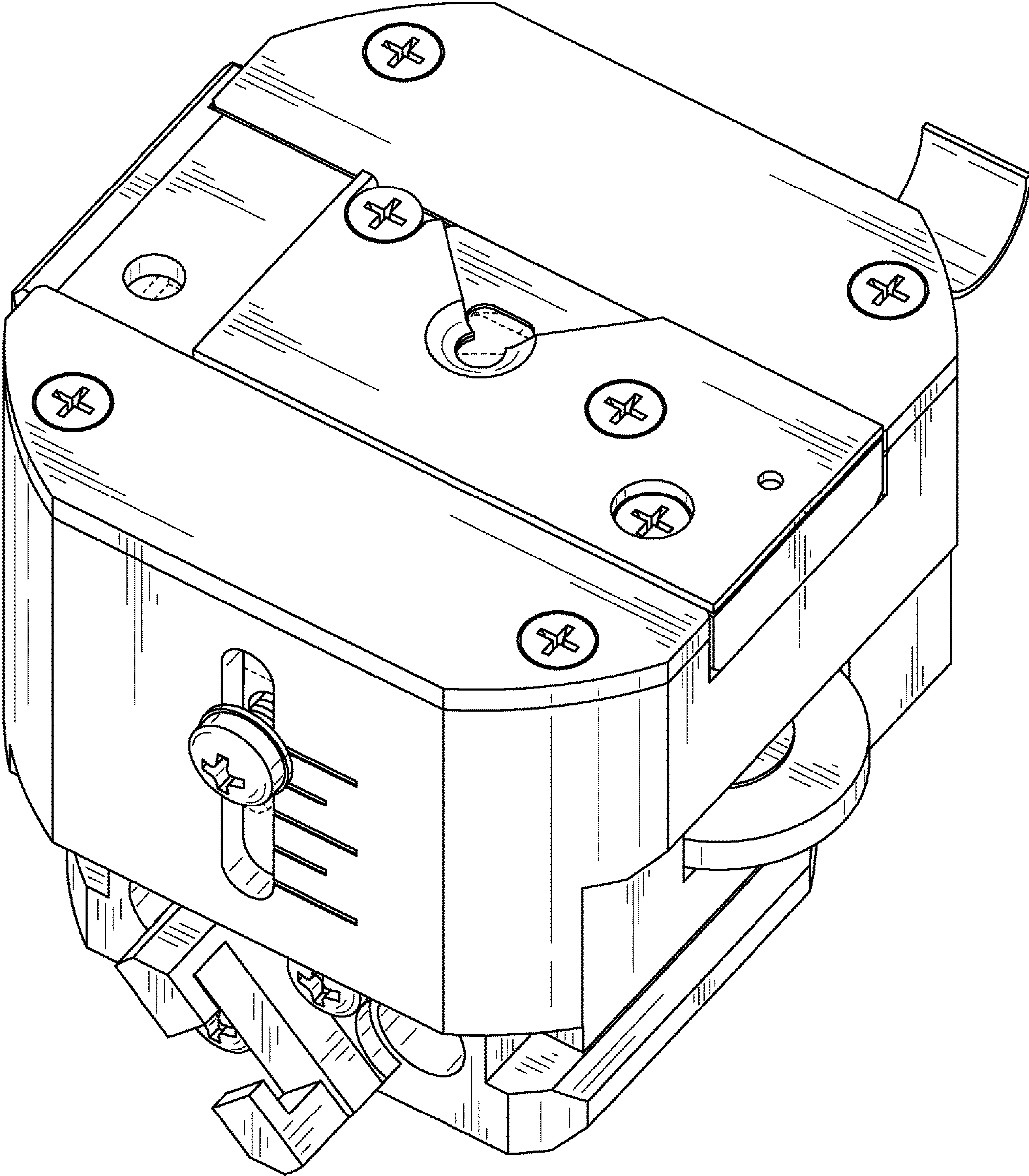


FIG. 1

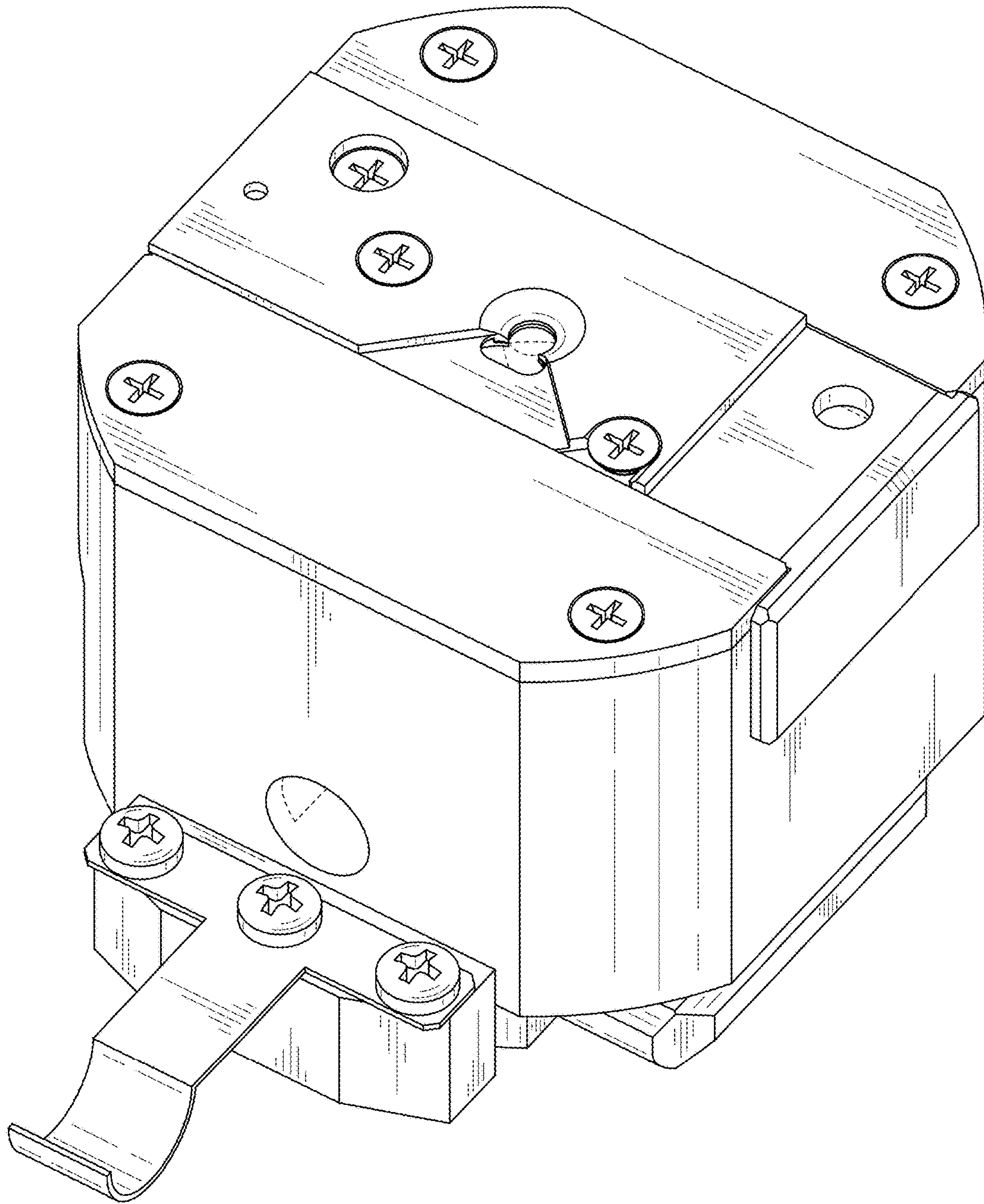


FIG. 2

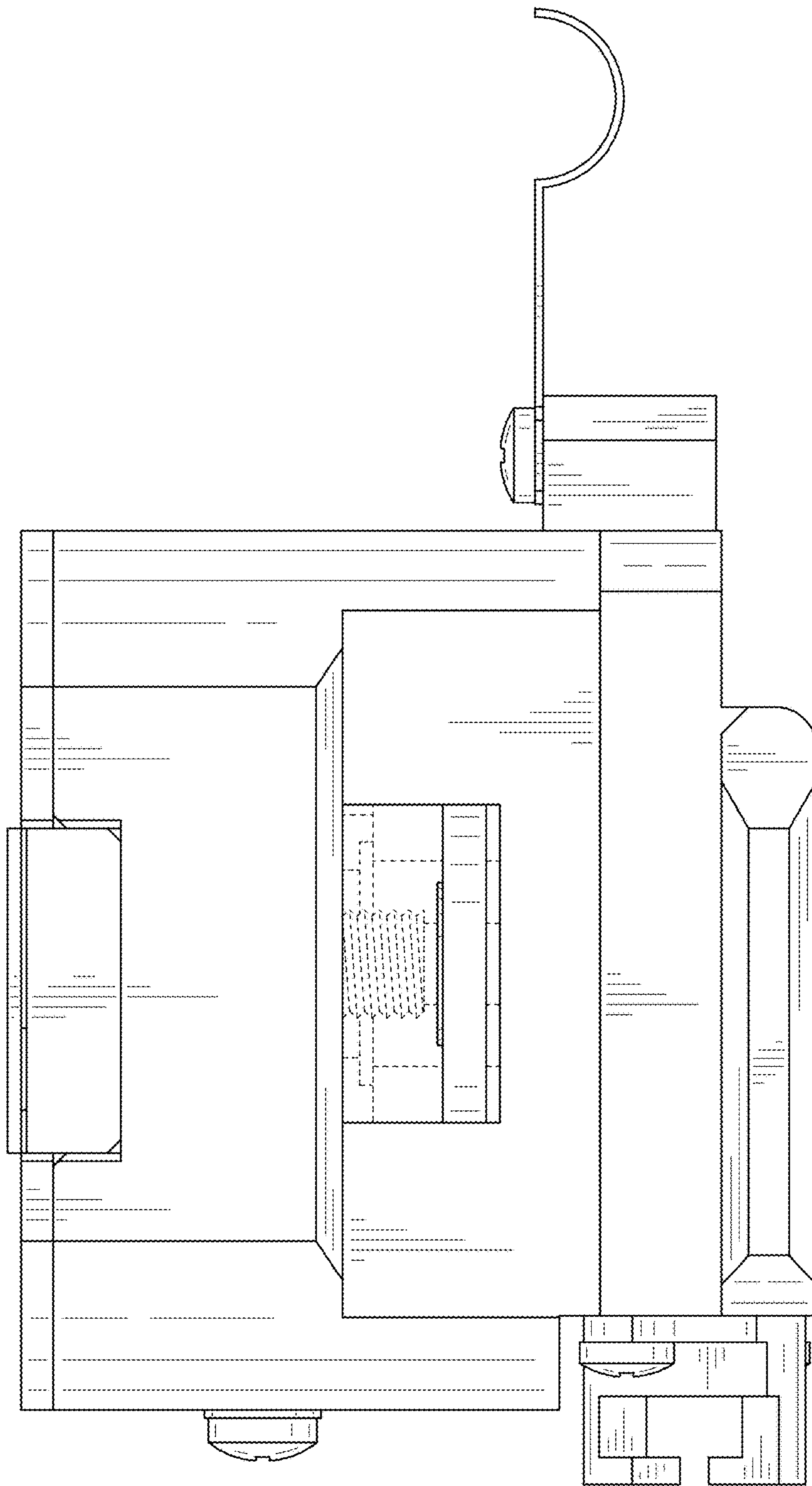


FIG. 3

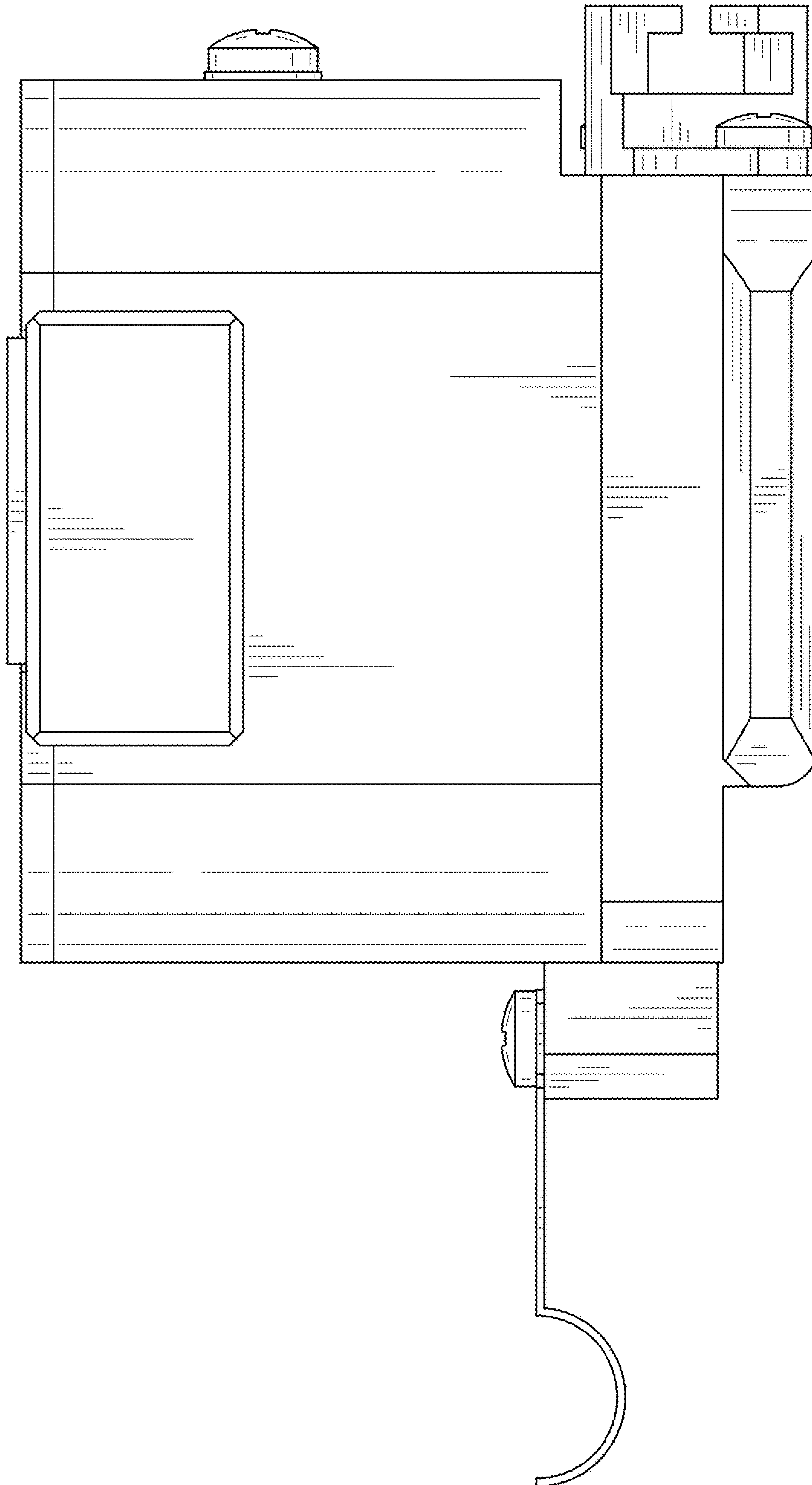


FIG. 4

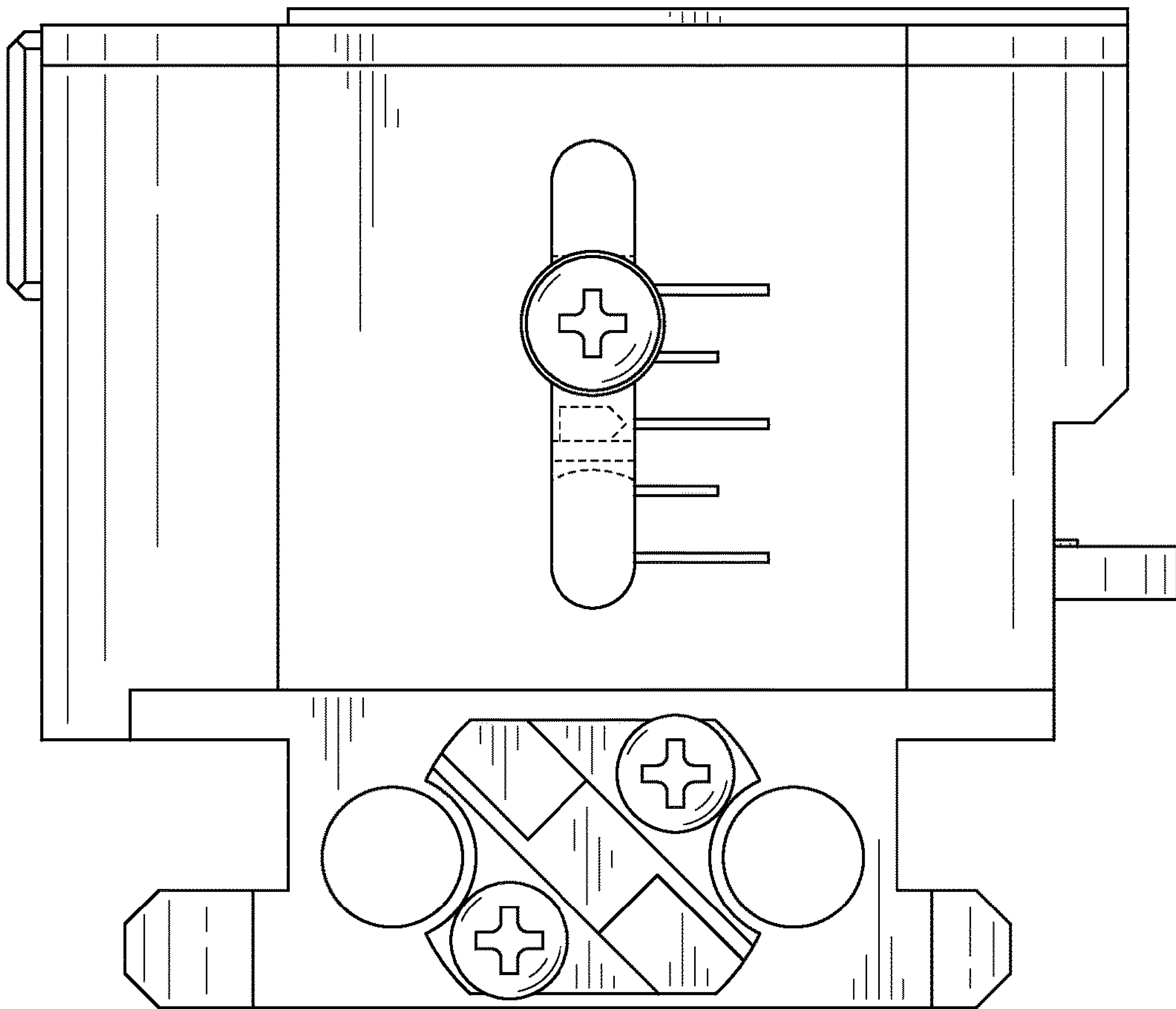


FIG. 5

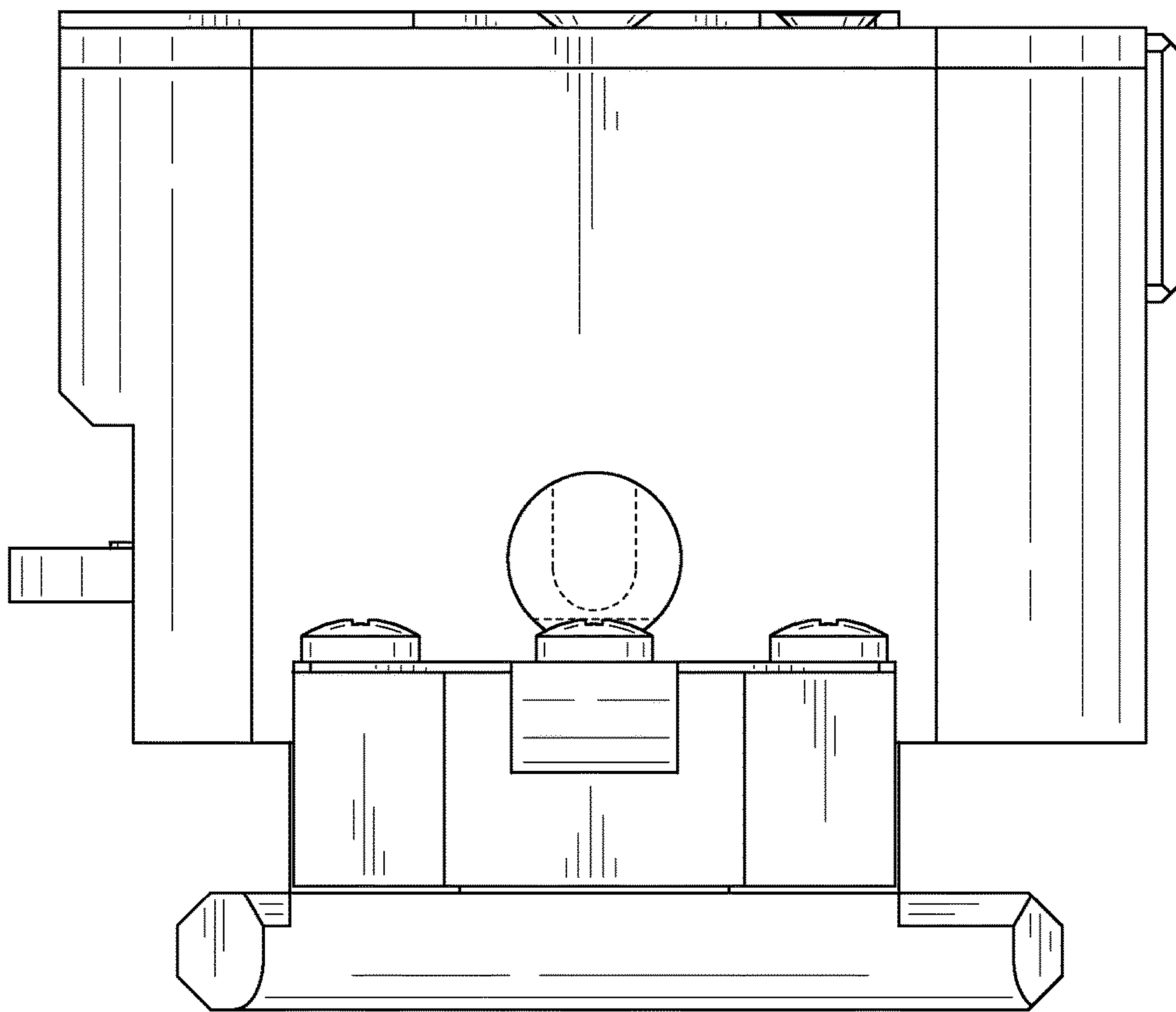


FIG. 6

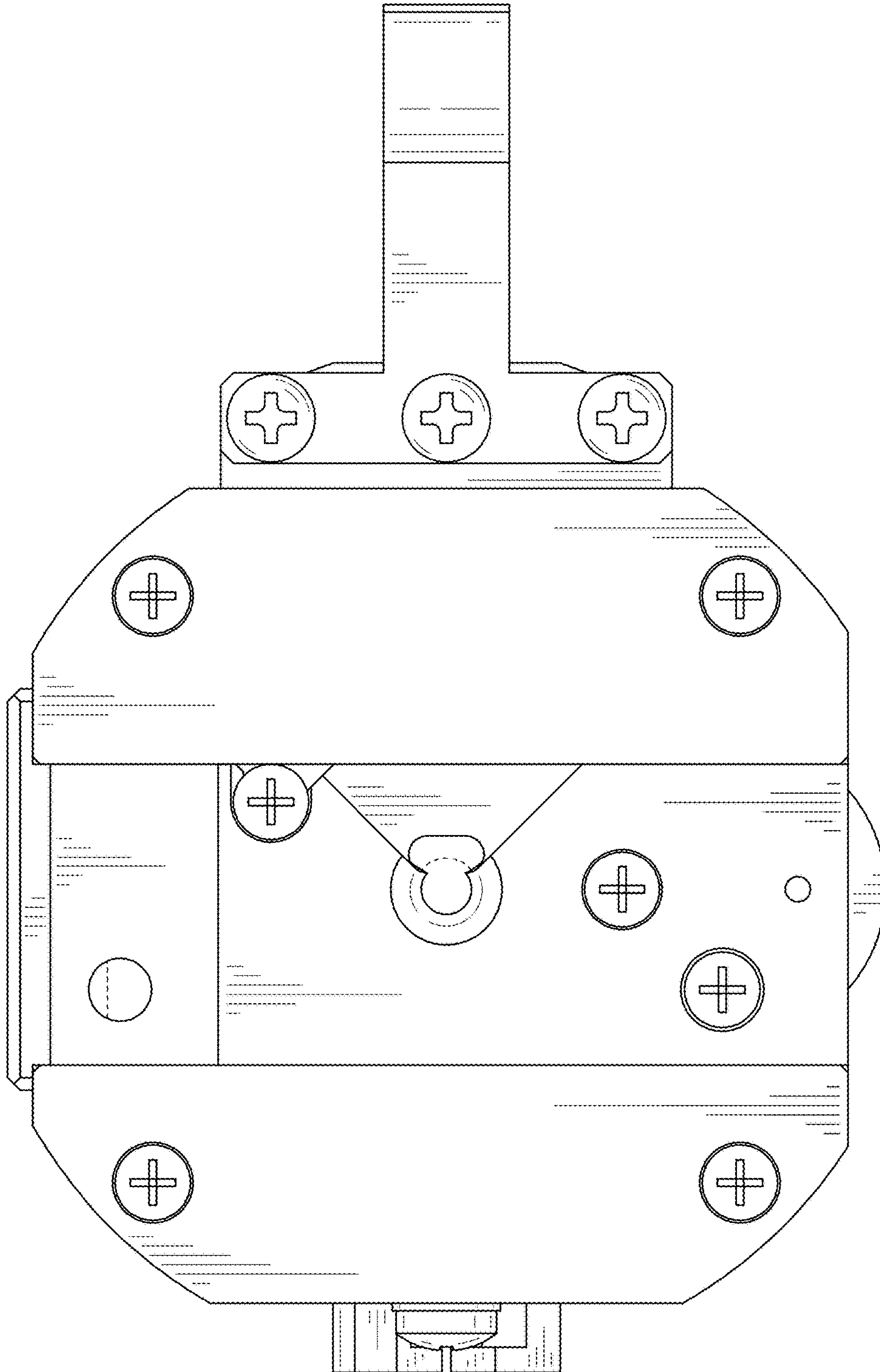


FIG. 7

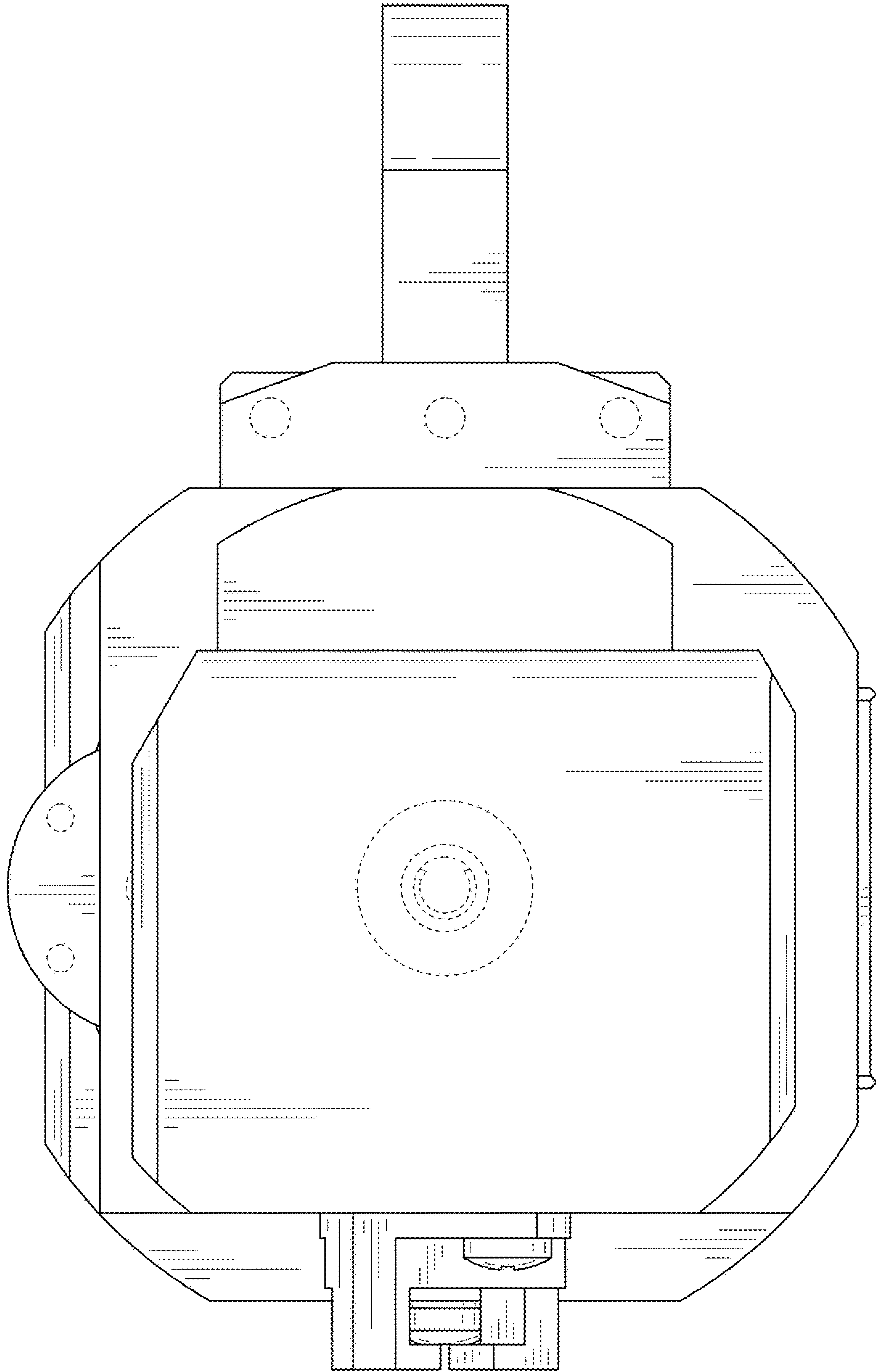


FIG. 8