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**Kilpela et al.**

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(54) **ORTHOPAEDIC SURGICAL INSTRUMENT ATTACHMENT DEVICE**

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(52) **U.S. Cl.**  
USPC ..... **D24/143**

(58) **Field of Classification Search**  
USPC ..... D24/133, 140, 143, 155, 171; 606/86 R, 606/88-90, 83

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

|           |      |         |                   |          |
|-----------|------|---------|-------------------|----------|
| 5,474,559 | A *  | 12/1995 | Bertin et al.     | 606/89   |
| 5,484,446 | A *  | 1/1996  | Burke et al.      | 606/86 R |
| 5,662,656 | A *  | 9/1997  | White             | 606/88   |
| 5,911,723 | A *  | 6/1999  | Ashby et al.      | 606/88   |
| 6,193,723 | B1 * | 2/2001  | Cripe et al.      | 606/88   |
| 7,985,226 | B2 * | 7/2011  | McAllister et al. | 606/88   |
| 8,038,681 | B2 * | 10/2011 | Koenemann         | 606/88   |
| 8,277,455 | B2 * | 10/2012 | Couture et al.    | 606/88   |

|              |      |         |                 |        |
|--------------|------|---------|-----------------|--------|
| 2009/0125114 | A1   | 5/2009  | May et al.      |        |
| 2010/0241126 | A1 * | 9/2010  | Ghijsselings    | 606/88 |
| 2013/0096563 | A1 * | 4/2013  | Meade et al.    | 606/88 |
| 2013/0325014 | A1   | 12/2013 | Sordelet et al. |        |
| 2013/0325016 | A1   | 12/2013 | Sordelet et al. |        |
| 2013/0325018 | A1   | 12/2013 | Thomas et al.   |        |
| 2013/0325019 | A1   | 12/2013 | Thomas et al.   |        |
| 2013/0325021 | A1   | 12/2013 | Sordelet et al. |        |
| 2013/0325136 | A1   | 12/2013 | Thomas et al.   |        |
| 2014/0288563 | A1 * | 9/2014  | Claypool et al. | 606/88 |

**OTHER PUBLICATIONS**

Zimmer NexGen LCCK, Surgical Technique for use with LCCK 4-in-1 Instrument, 2009, 52 pages.

DePuy Orthopaedics, Inc., Sigma Revision and M.B.T. Revision Tray, Surgical Technique, 2008, 82 pages.

(Continued)

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(57) **CLAIM**

We claim the ornamental design for an orthopaedic surgical instrument attachment device, as shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of a design of the orthopaedic surgical instrument attachment device;

FIG. 2 is a front elevation view of the orthopaedic surgical instrument attachment device of FIG. 1;

FIG. 3 is a rear elevation view opposite the front elevation view of FIG. 2;

FIG. 4 is a first side elevation view of the orthopaedic surgical instrument attachment device of FIG. 1;

FIG. 5 is a second side elevation view opposite the first side elevation view of FIG. 4;

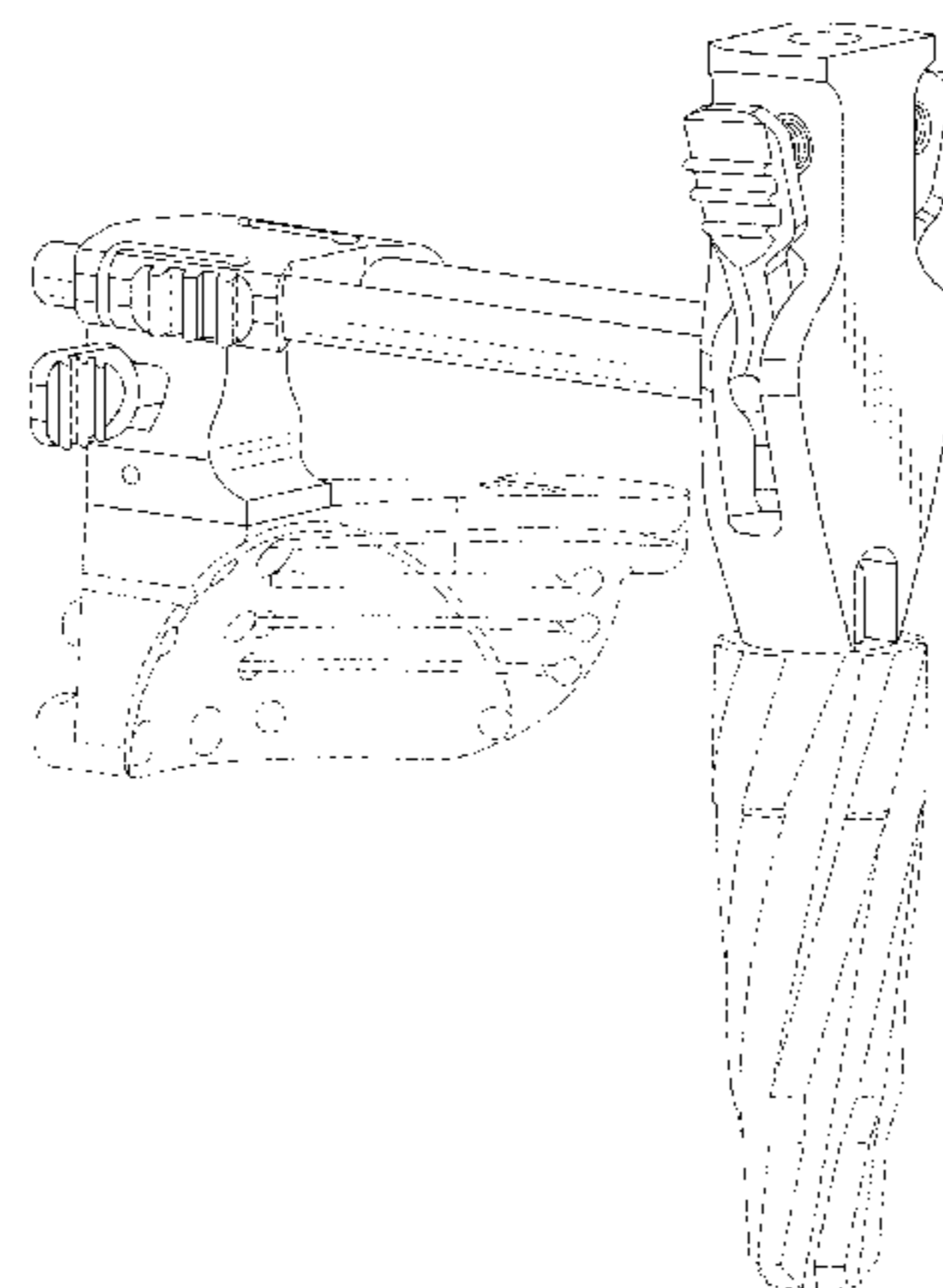
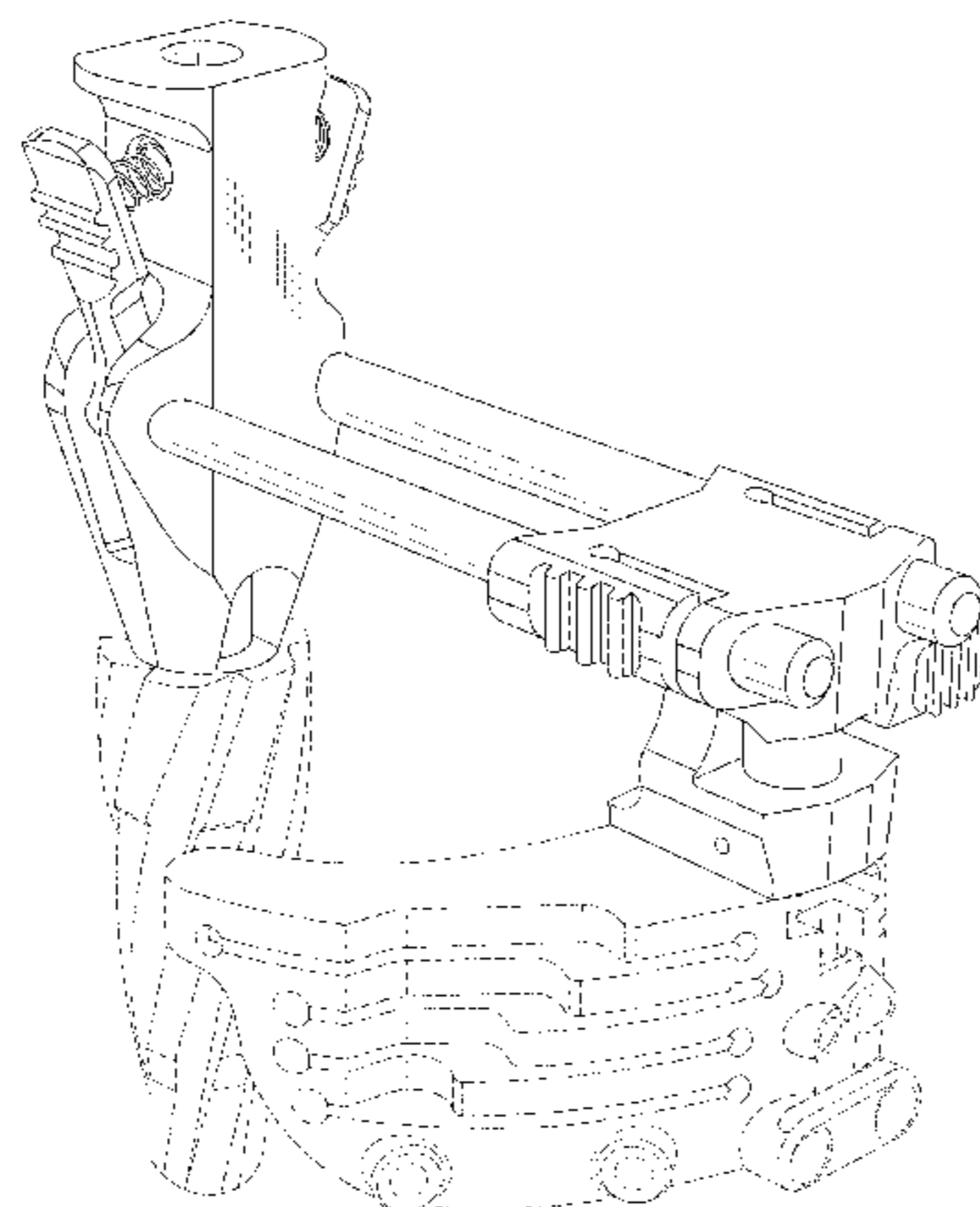
FIG. 6 is a top plan view of the orthopaedic surgical instrument attachment device of FIG. 1;

FIG. 7 is a bottom plan view of the orthopaedic surgical instrument attachment device of FIG. 1; and,

FIG. 8 is a rear perspective view of the orthopaedic surgical instrument attachment device of FIG. 1.

The features shown in broken lines depict environmental subject matter only and form no part of the claimed design.

**1 Claim, 8 Drawing Sheets**



(56)

**References Cited**

OTHER PUBLICATIONS

Smith & Nephew, Legion, Revision Knee System, Surgical Technique, 2005, 40 pages.

Biomet, Vanguard SSK, Revision System, Surgical Technique, Feb. 2008, 64 pages.

GMK Revision, Surgical Technique, Ref. 99.27.12US rev. 1, 1999, 74 pages.

PFC Sigma RP-F, Specialist 2 Instruments, Surgical Technique, Performance in Flexion, 2007, 32 pages.

P.F.C. Sigma Rotating Platform Knee System with M.B.T Tray, Primary Procedure with a Curved or Posterior Stabilised Implant, 2003, 43 pages.

LCS High Performance Instruments, Surgical Technique, 2008, 44 pages.

Sigma High Performance Instruments, Design Rationale, 2007, 12 pages.

Sigma High Performance Instruments, Classic Surgical Technique, 2010, 52 pages.

Attune Knee System Surgical Technique, 2013, 73 pages.

\* cited by examiner

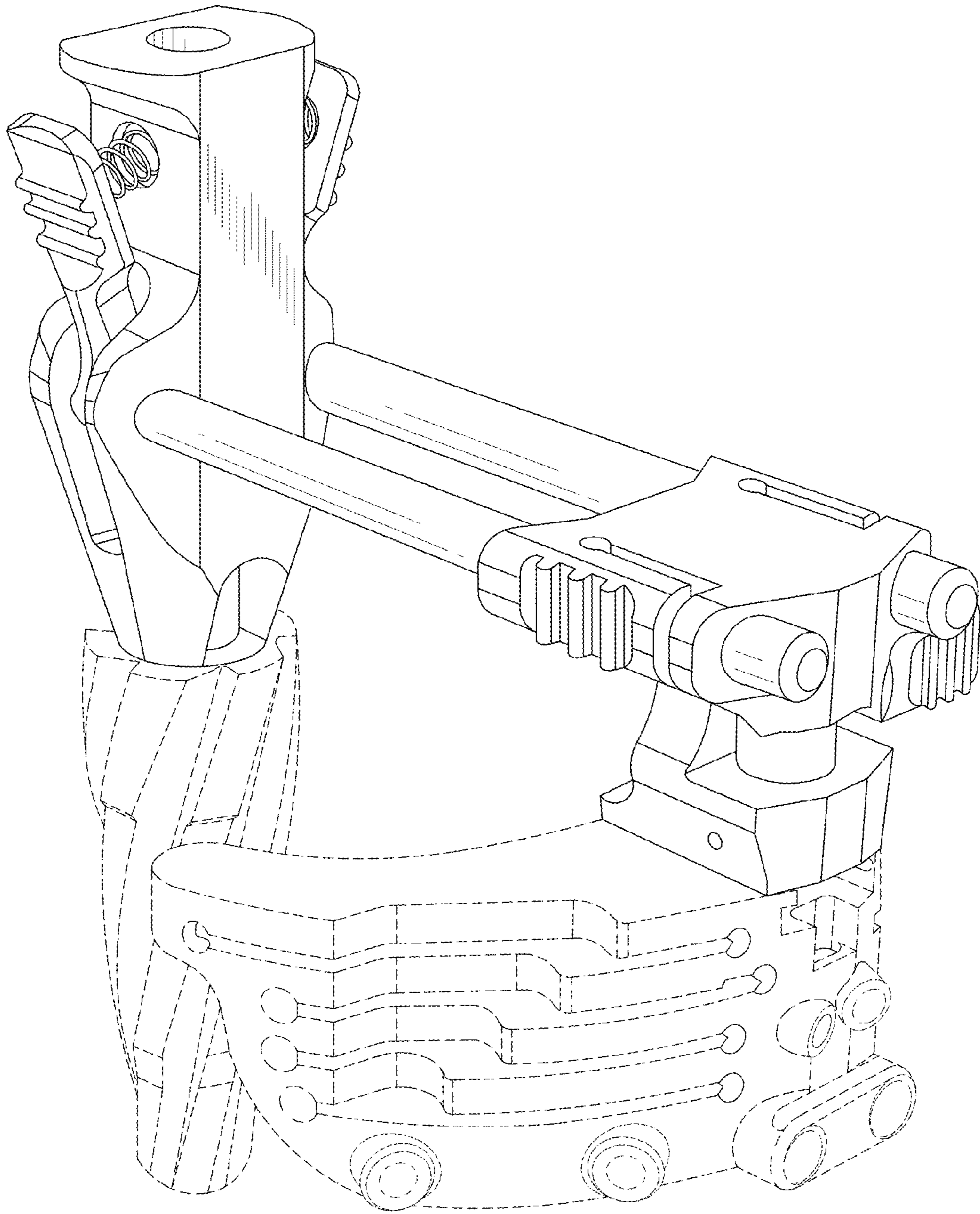


Fig. 1

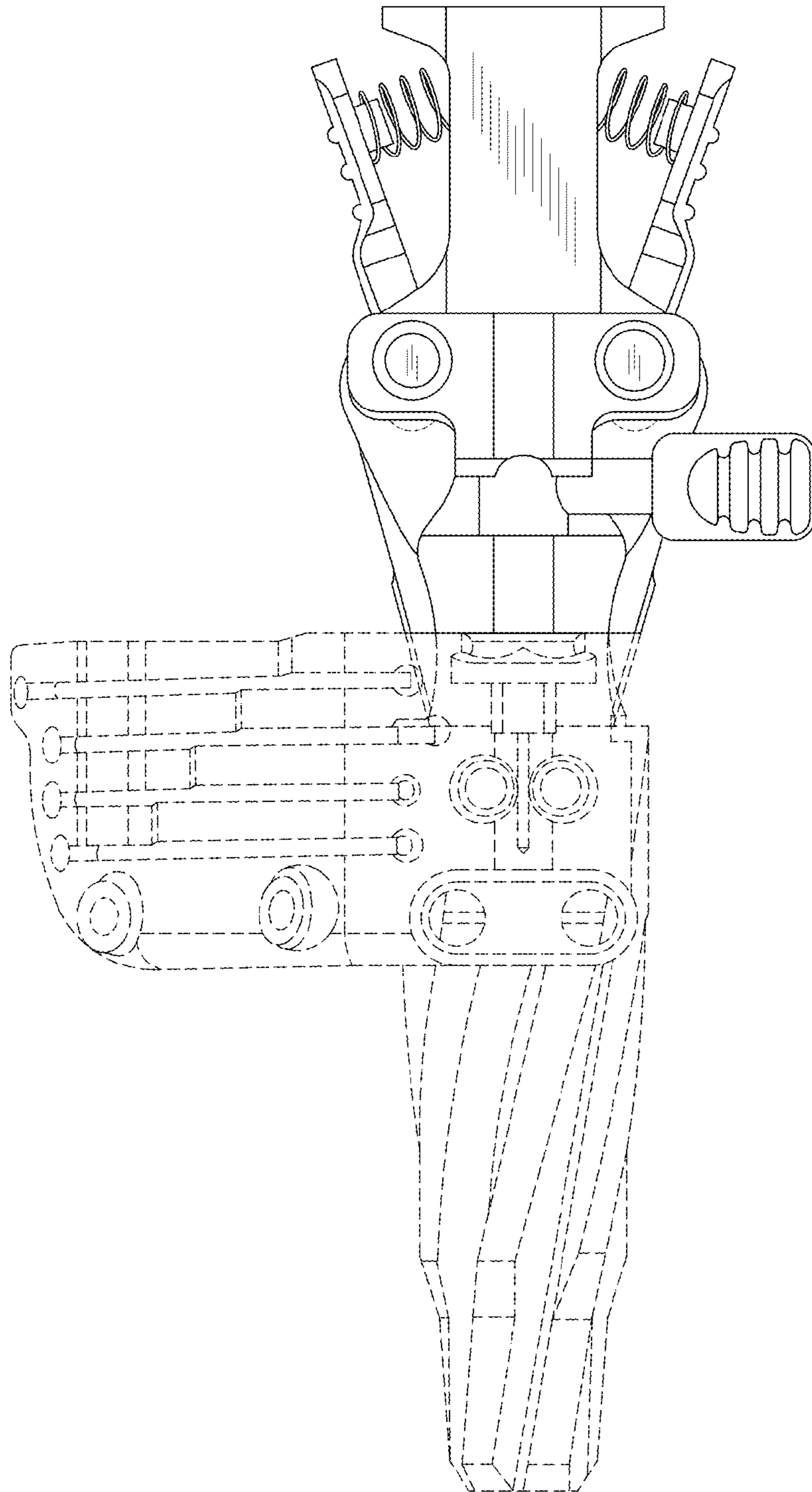


Fig. 2



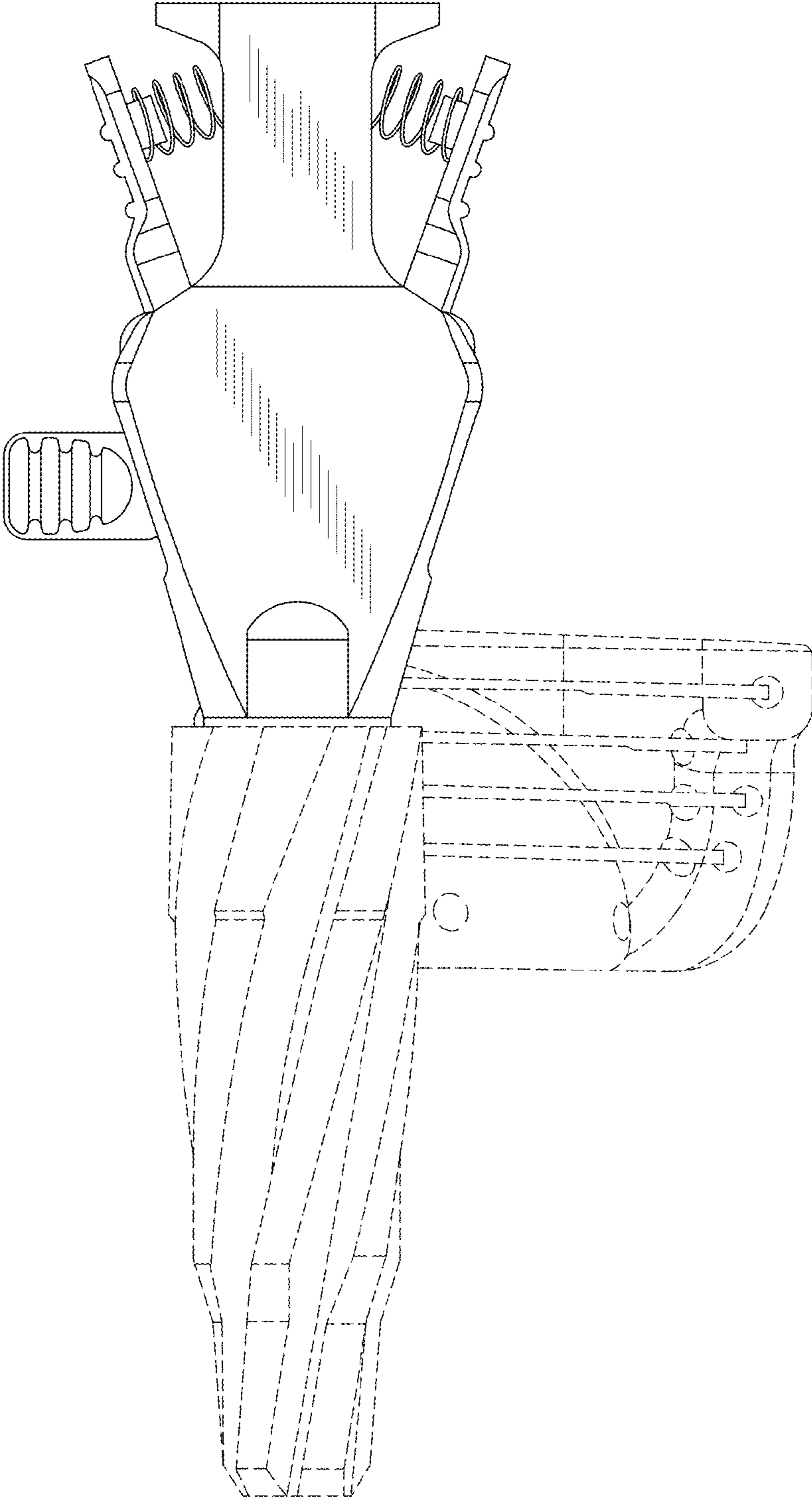


Fig. 3

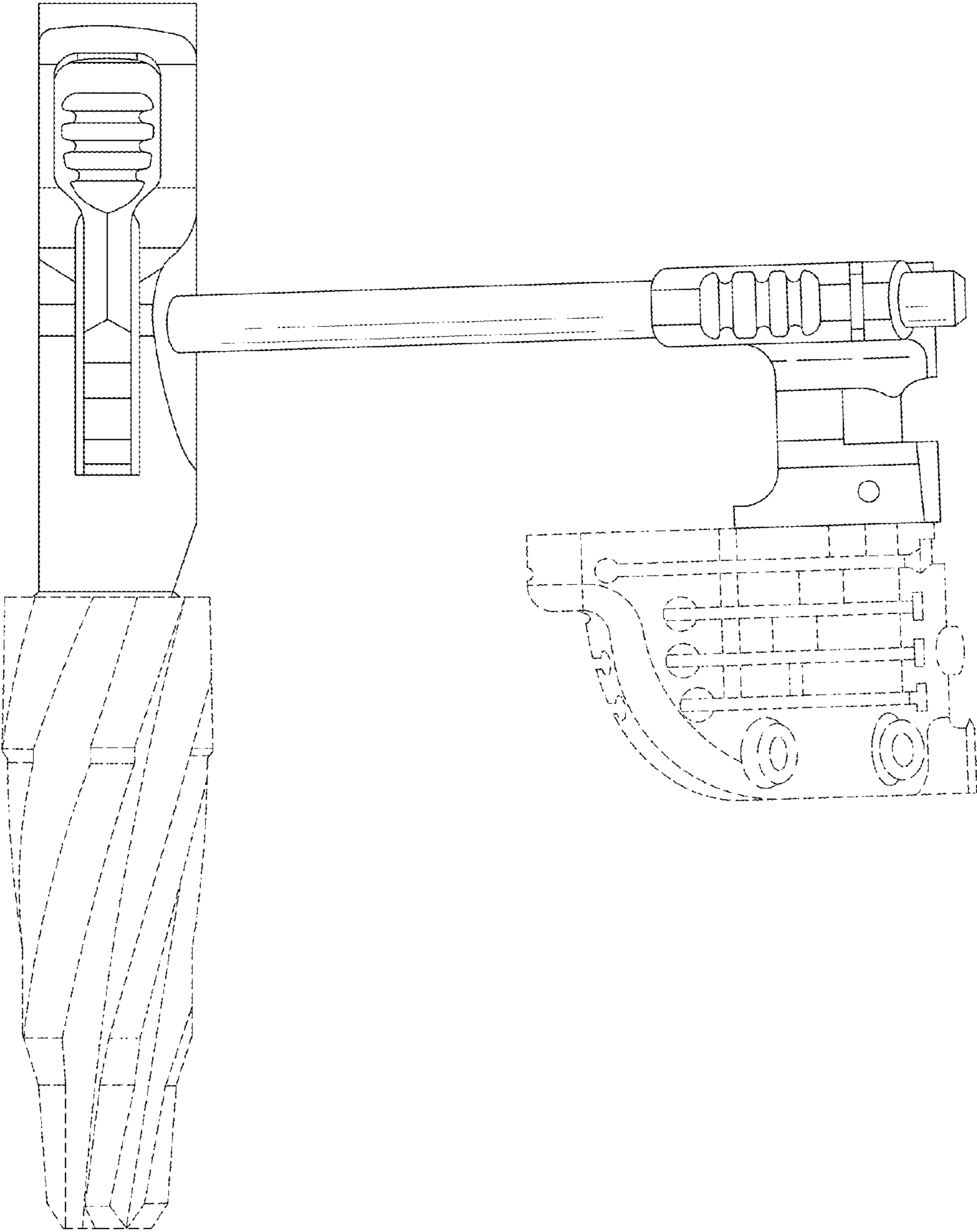


Fig. 4

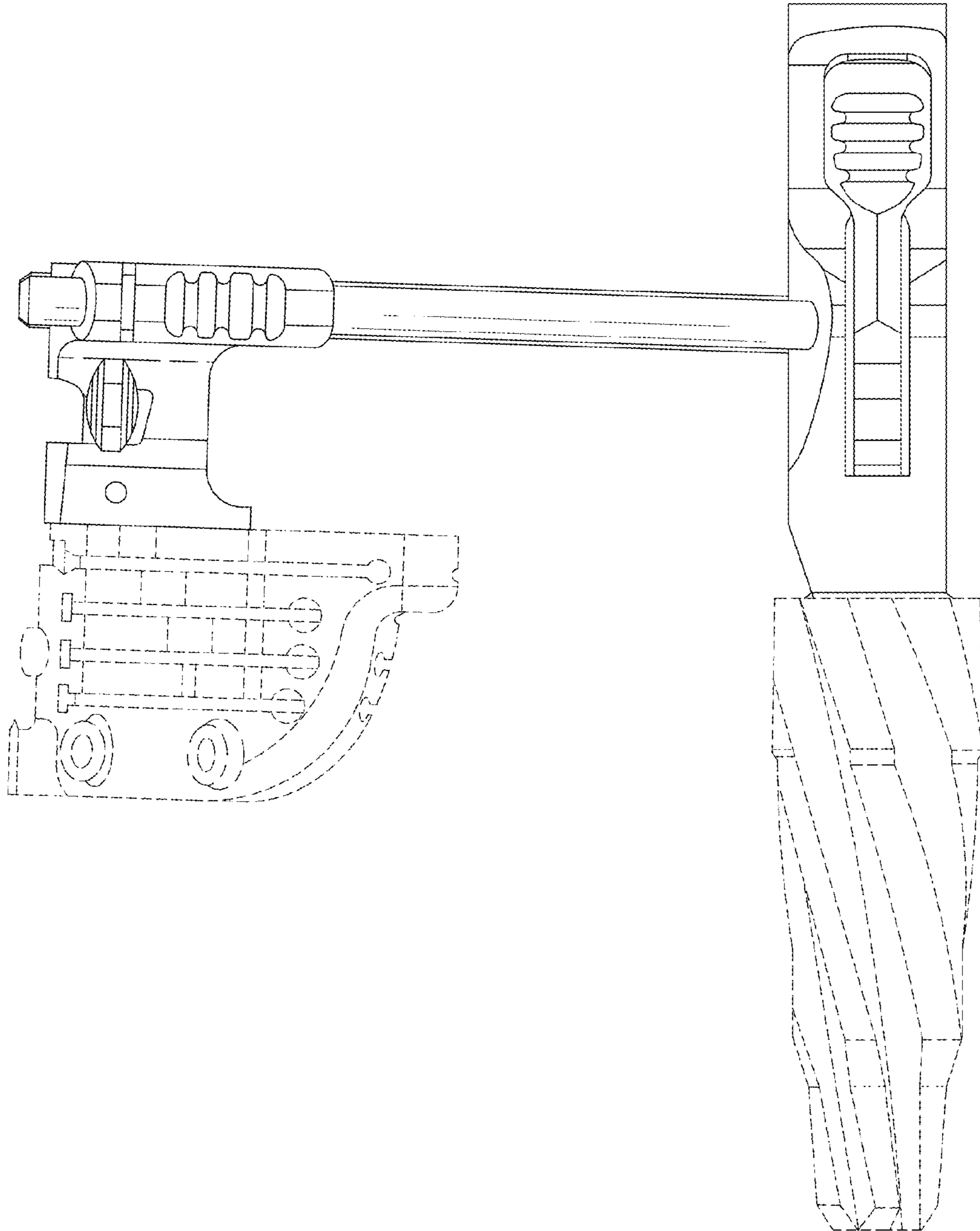


Fig. 5

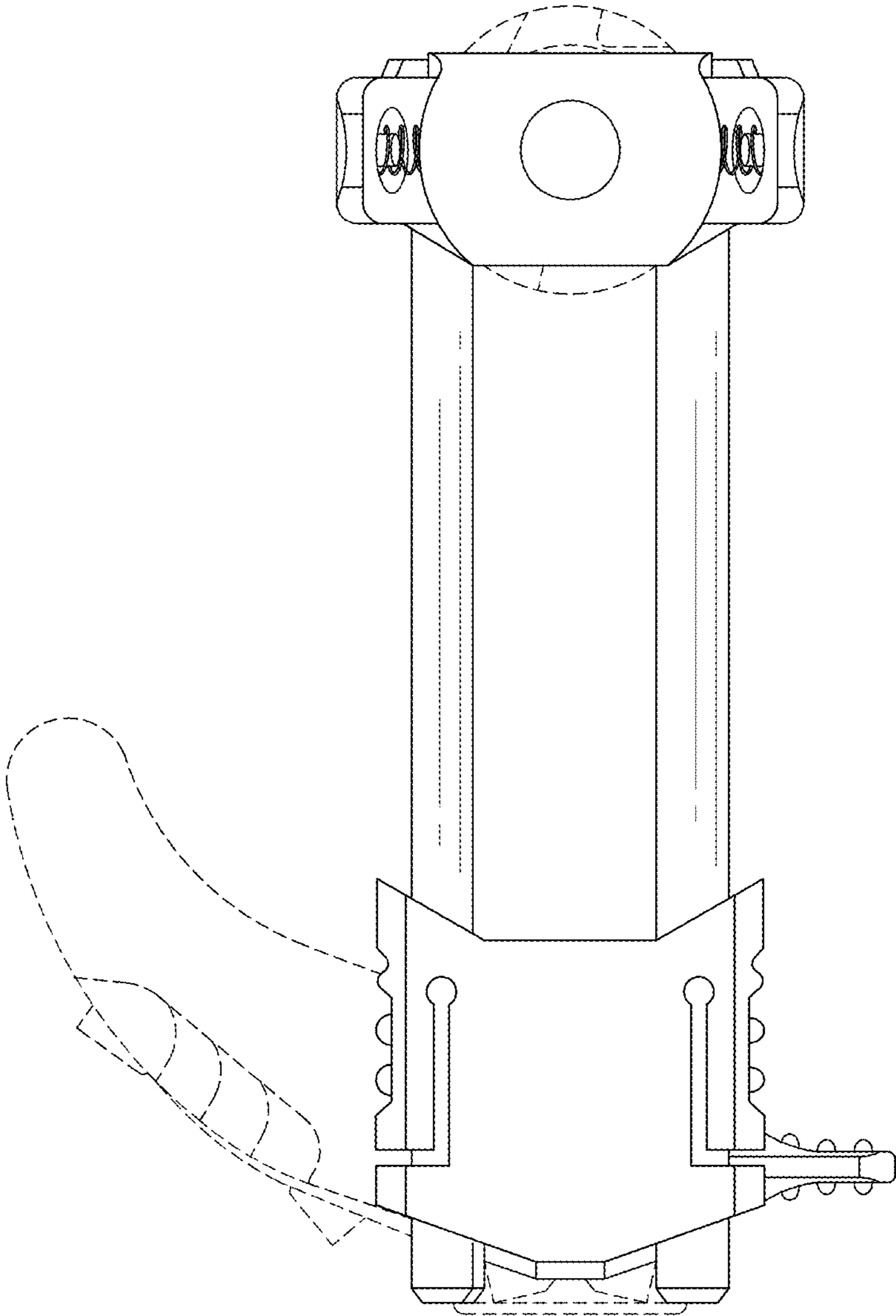


Fig. 6



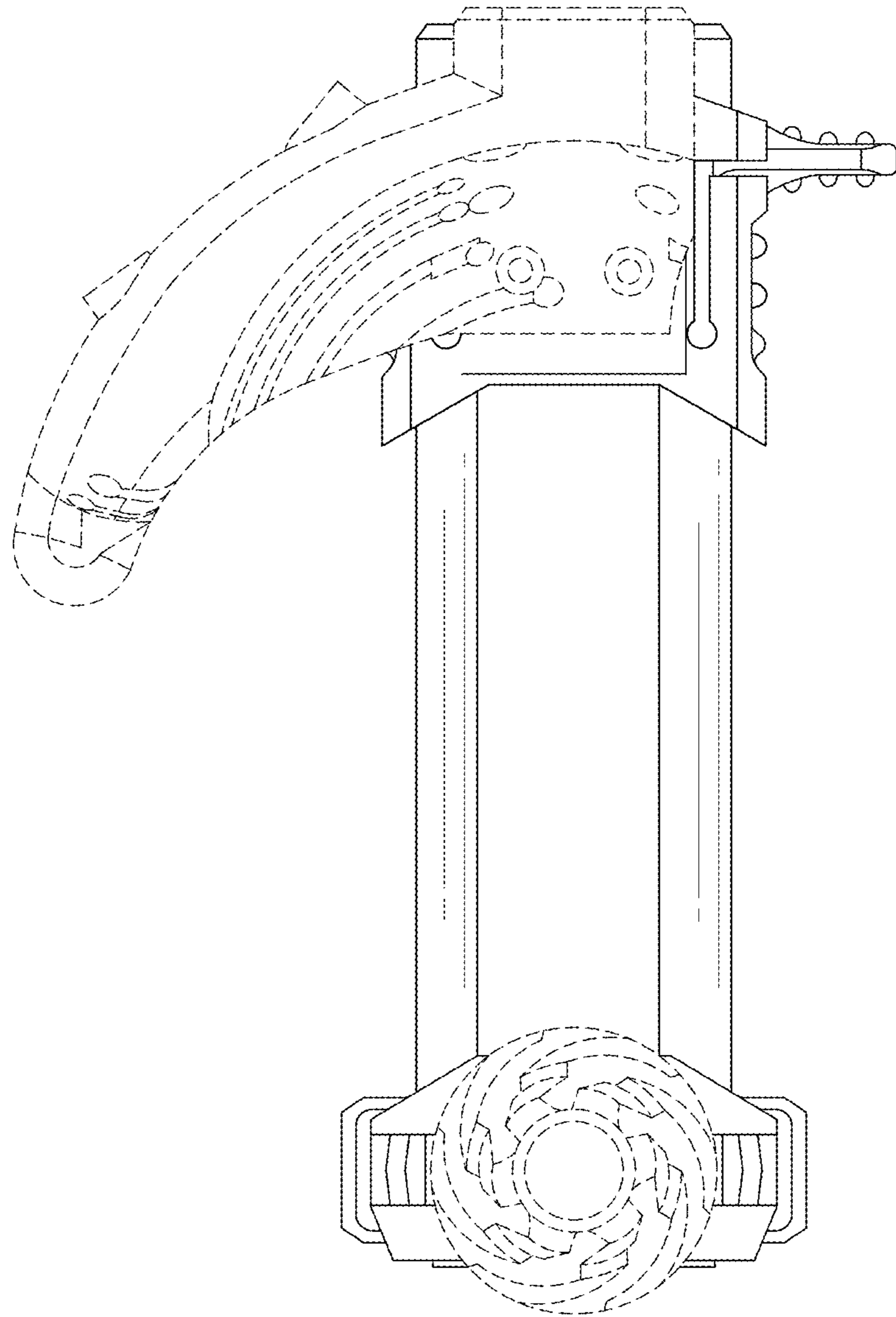


Fig. 7

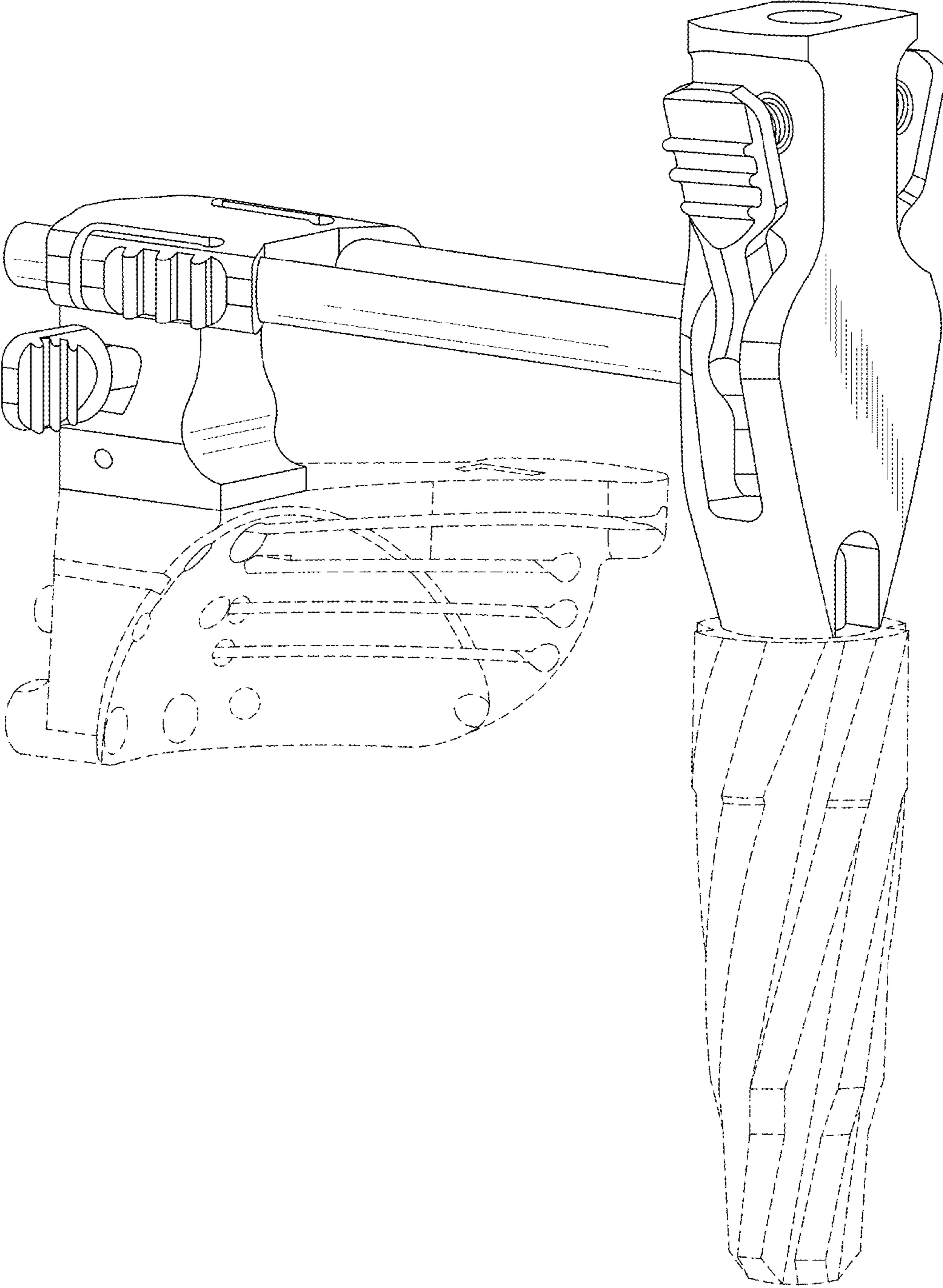


Fig. 8