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

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(54) **DENTAL CROWN REMOVAL TOOL**  
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(73) Assignee: **Dental USA, Inc.**, McHenry, IL (US)

(\*\*) Term: **14 Years**  
(21) Appl. No.: **29/477,801**  
(22) Filed: **Dec. 27, 2013**

**Related U.S. Application Data**

(63) Continuation-in-part of application No. 29/434,238, filed on Oct. 11, 2012, now abandoned.  
(51) **LOC (10) Cl.** ..... **24-02**  
(52) **U.S. Cl.**  
USPC ..... **D24/153**  
(58) **Field of Classification Search**  
USPC ..... D24/133, 143, 147-148, 152-154, 176;  
D8/4, 39, 51-52, 54-56, 58, 105;  
81/300, 302, 305-306, 316, 385-386;  
433/4, 139-141, 153, 15-160, 215  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

354,863 A \* 12/1886 Hughes ..... 433/160  
787,947 A \* 4/1905 Sanger ..... 433/159  
978,430 A \* 12/1910 Braswell ..... 433/159  
2,698,483 A \* 1/1955 Berkowitz ..... 433/159

3,834,026 A \* 9/1974 Klein ..... 433/159  
RE29,889 E \* 1/1979 Klein ..... 433/159  
5,122,058 A \* 6/1992 Lukase et al. .... 433/159  
5,833,460 A \* 11/1998 Maeda ..... 433/159  
6,910,890 B2 \* 6/2005 Golden ..... 433/159  
D566,840 S \* 4/2008 Golden ..... D24/153  
2002/0146665 A1 \* 10/2002 Tamura ..... 433/159  
2014/0234799 A1 \* 8/2014 Lim ..... 433/159

\* cited by examiner

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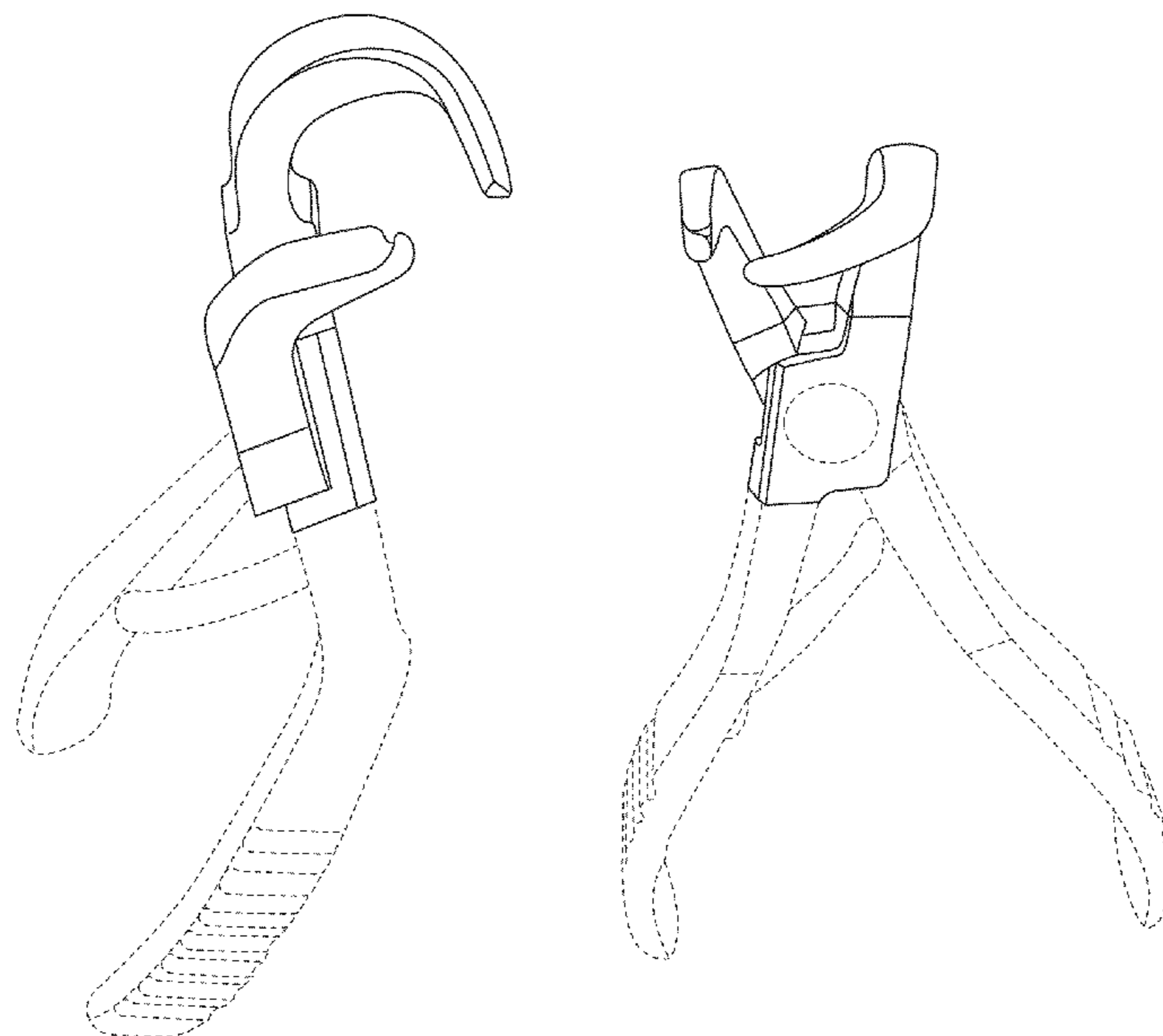
(57) **CLAIM**

The ornamental design for a dental crown removal tool, as shown and described.

**DESCRIPTION**

FIG. 1 is a side perspective view of a dental crown removal tool, showing the new design;  
FIG. 2 is a first side elevation view of FIG. 1;  
FIG. 3 is an enlarged second side elevation view of FIG. 1;  
FIG. 4 is an enlarged third side elevation view of FIG. 1;  
FIG. 5 is a perspective view of an alternate embodiment of a dental crown removal tool;  
FIG. 6 is a first side elevation view of FIG. 5;  
FIG. 7 is an enlarged second side elevation view of FIG. 5;  
and,  
FIG. 8 is an enlarged third side elevation view of FIG. 5.  
The broken lines shown in the figures are included for the purpose of illustrating portions of the dental crown removal tool and form no part of the claimed design.

**1 Claim, 4 Drawing Sheets**



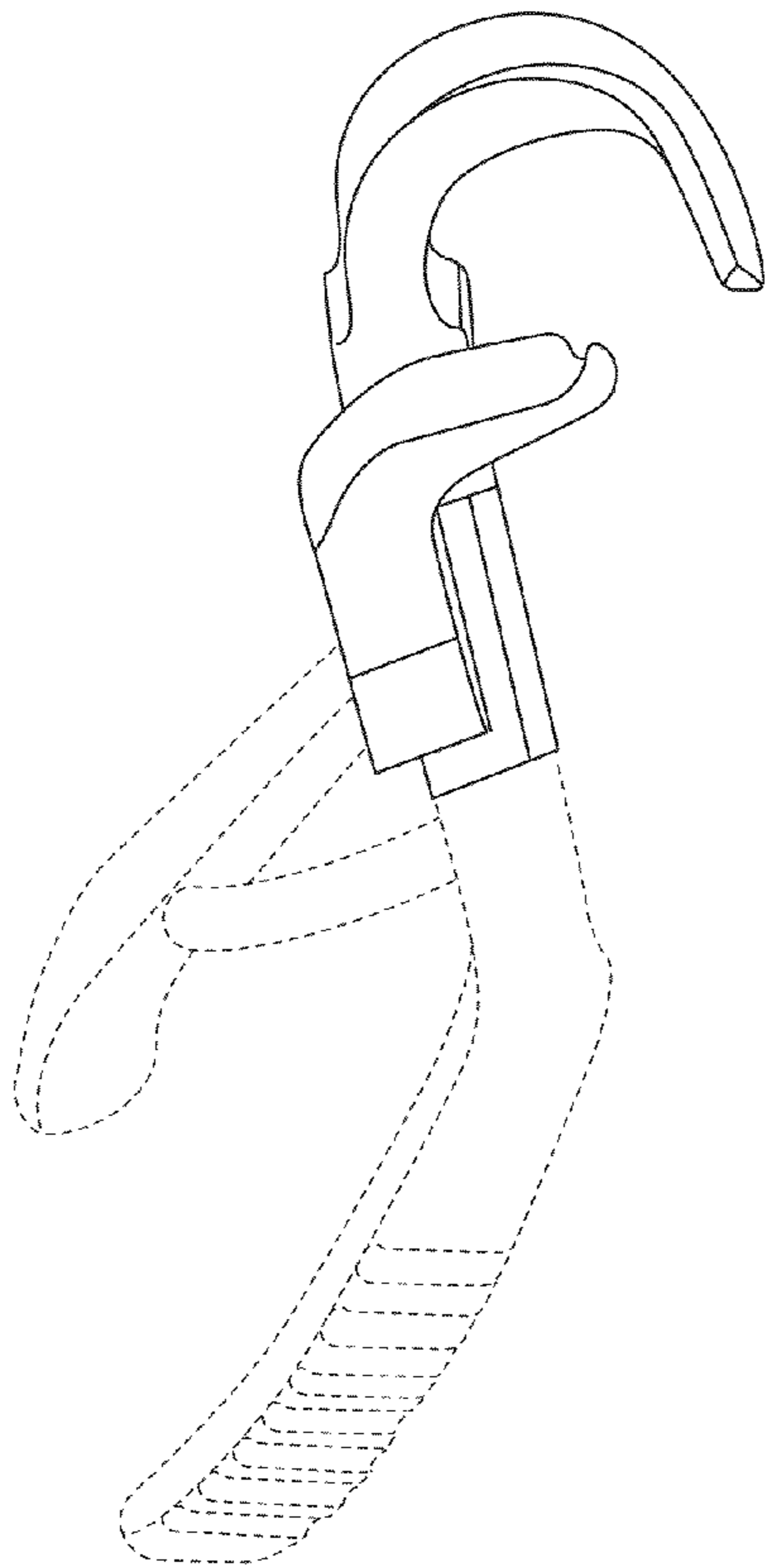


FIG. 1

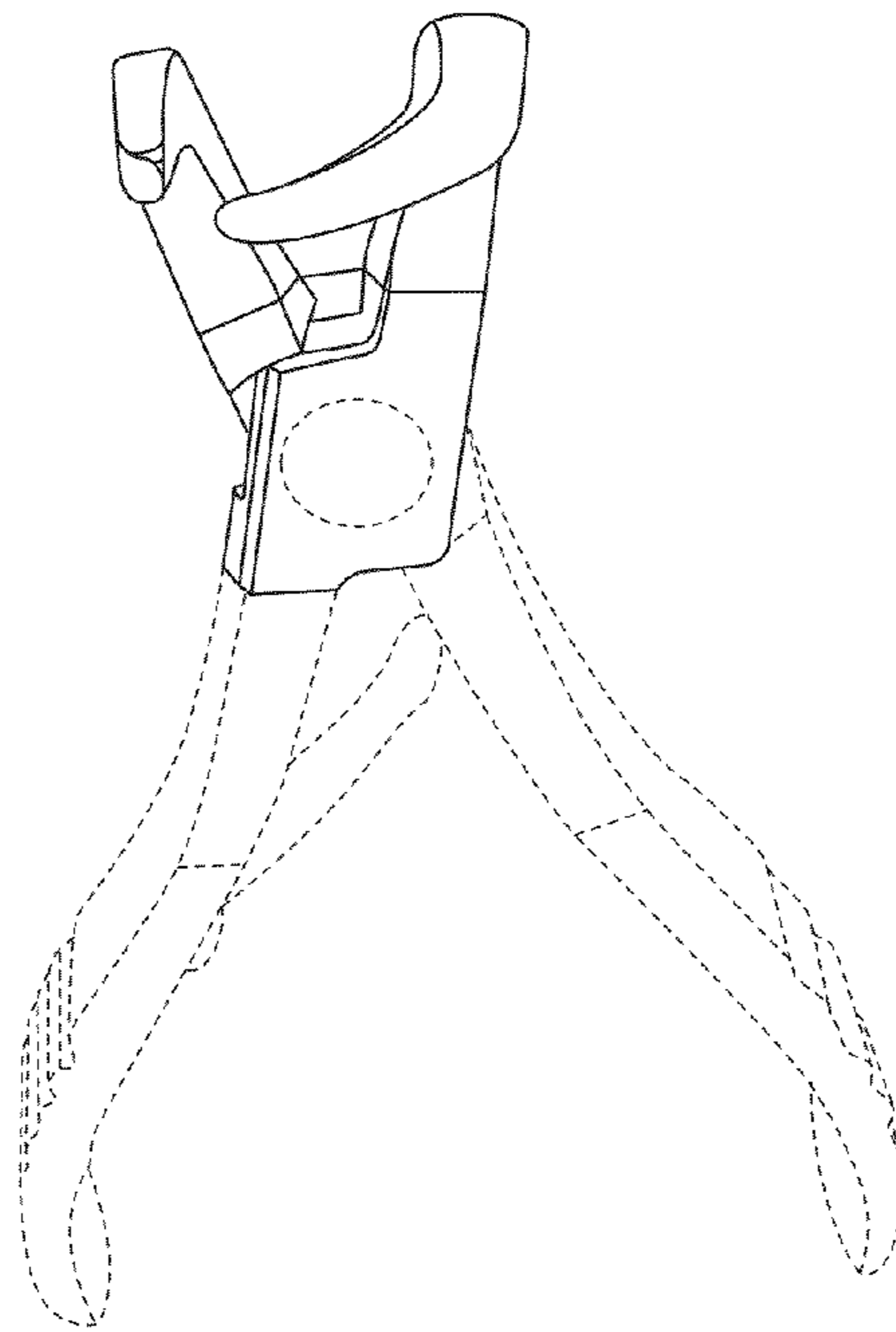
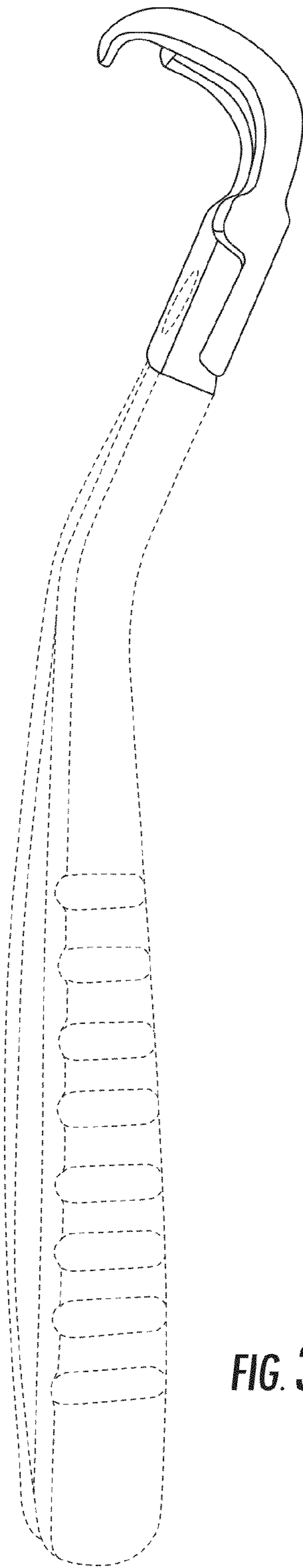
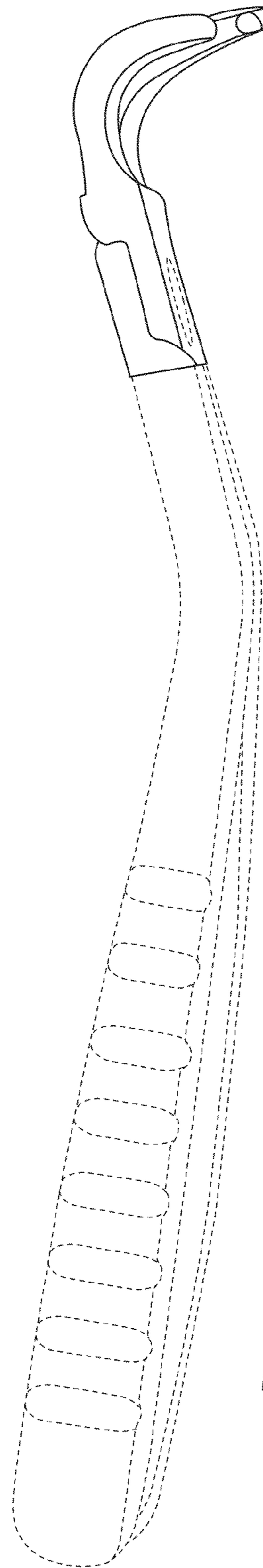


FIG. 2



**FIG. 3**



**FIG. 4**

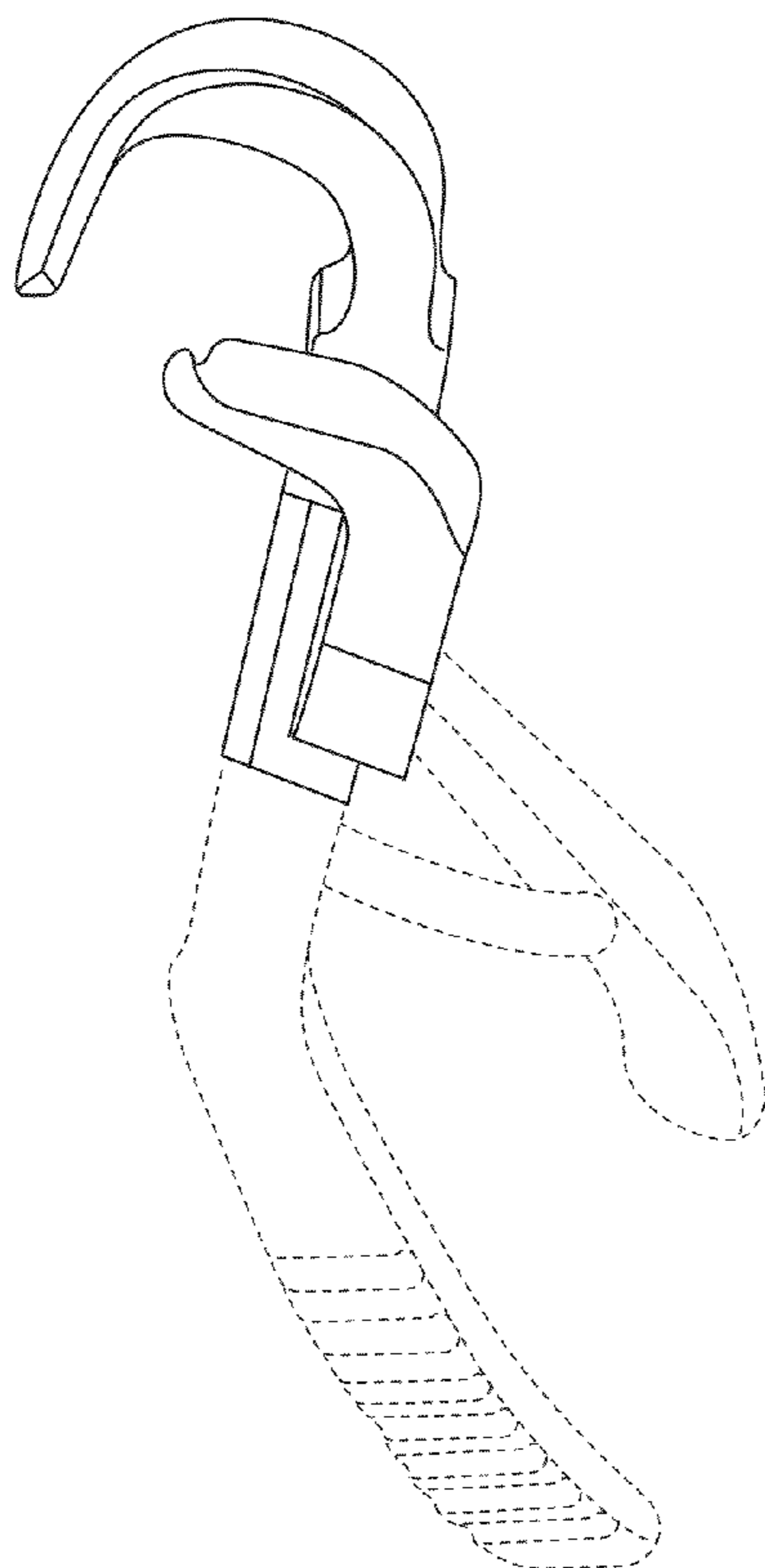


FIG. 5

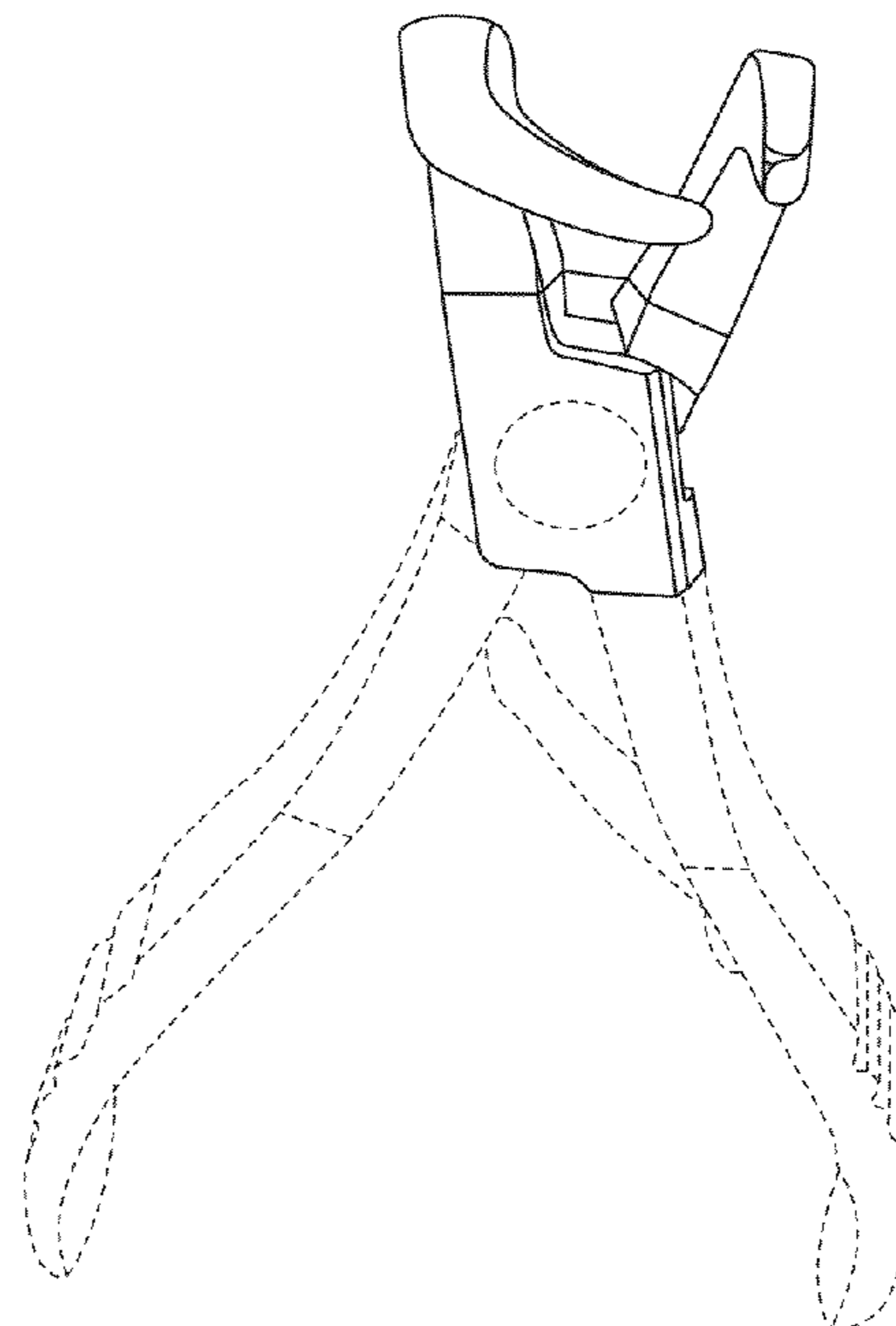


FIG. 6

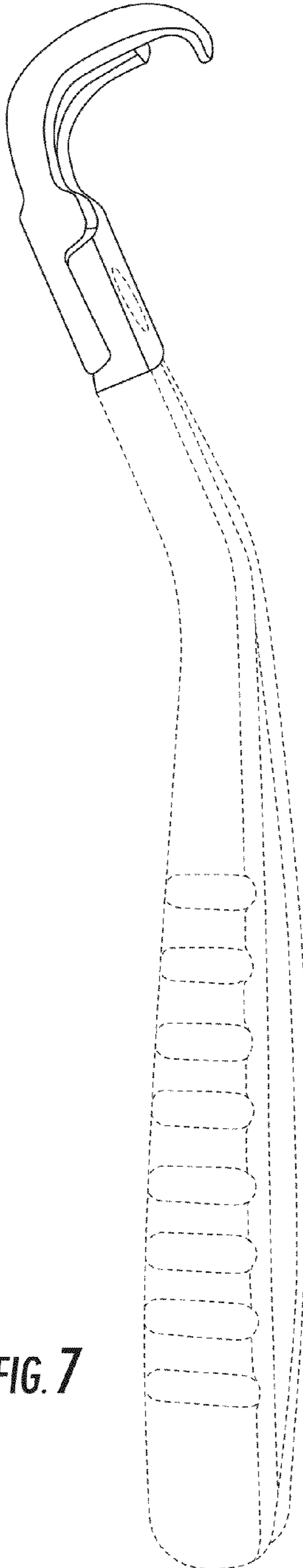


FIG. 7

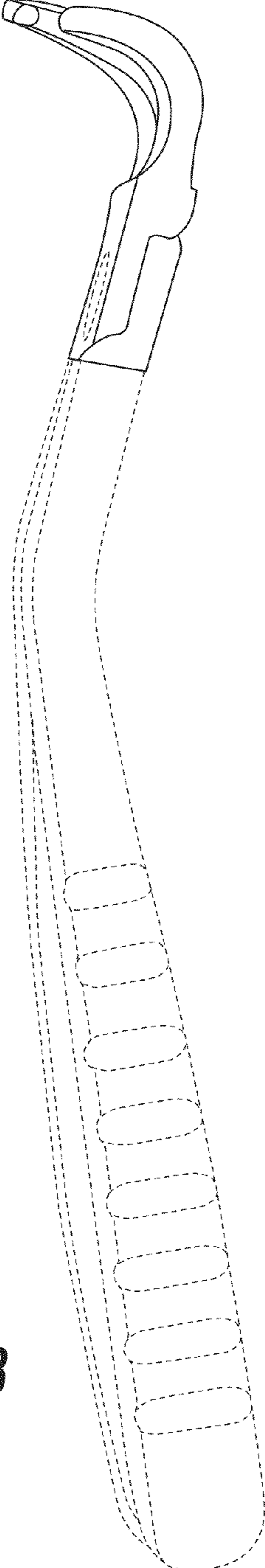


FIG. 8