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

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(54) **LINGUAL DEBONDING PLIER**

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

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(30) **Foreign Application Priority Data**

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

(52) **U.S. Cl.**  
USPC ..... **D24/153**

(58) **Field of Classification Search**  
USPC ..... D24/152-154, 147, 148; D8/51-52;  
433/3-4, 40, 141

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,041,729	A *	7/1962	Tofflemire .....	433/159
3,755,902	A *	9/1973	Northcutt .....	433/4
4,904,183	A *	2/1990	Hannan et al. ....	433/3
5,328,361	A *	7/1994	Ezcurra .....	433/4
D447,239	S *	8/2001	Enoch et al. ....	D24/153
6,474,988	B1 *	11/2002	Georgakis et al. ....	433/4
7,581,949	B2 *	9/2009	Farzin-Nia .....	433/4

OTHER PUBLICATIONS

Ormco, Orthodontic Products Catalog, "Lingual Bracket Removing Pliers", Section 13, p. 12, item No. 800-0431, 28 pages, 2013.

\* cited by examiner

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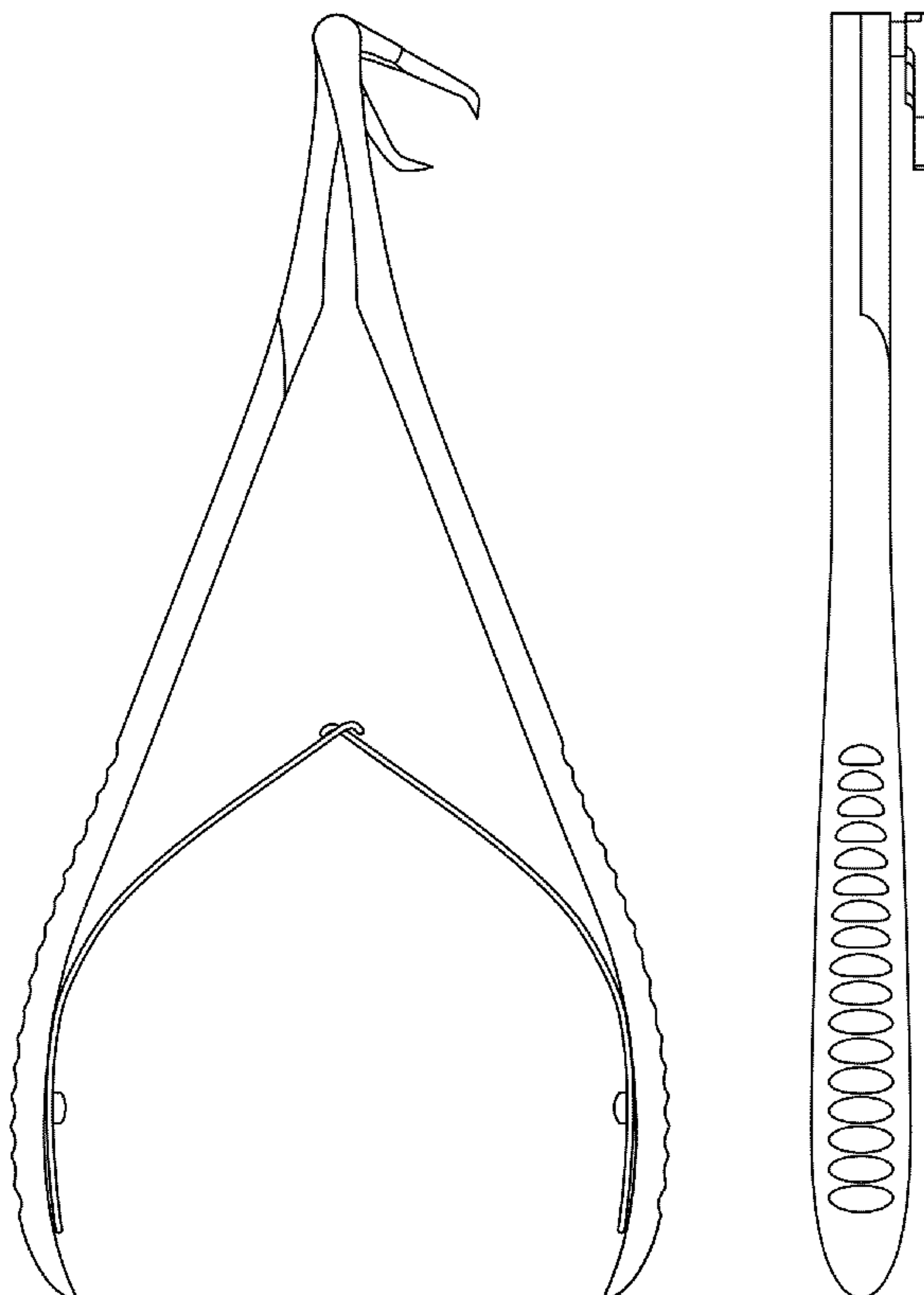
(57) **CLAIM**

The ornamental design for a lingual debonding plier, as shown and described.

**DESCRIPTION**

FIG. 1 is a front view of the lingual debonding plier; FIG. 2 is a back view of the lingual debonding plier of FIG. 1; FIG. 3 is a left side elevation view of the lingual debonding plier of FIG. 1; and, FIG. 4 is a right side elevation view of the lingual debonding plier of FIG. 1.

**1 Claim, 4 Drawing Sheets**



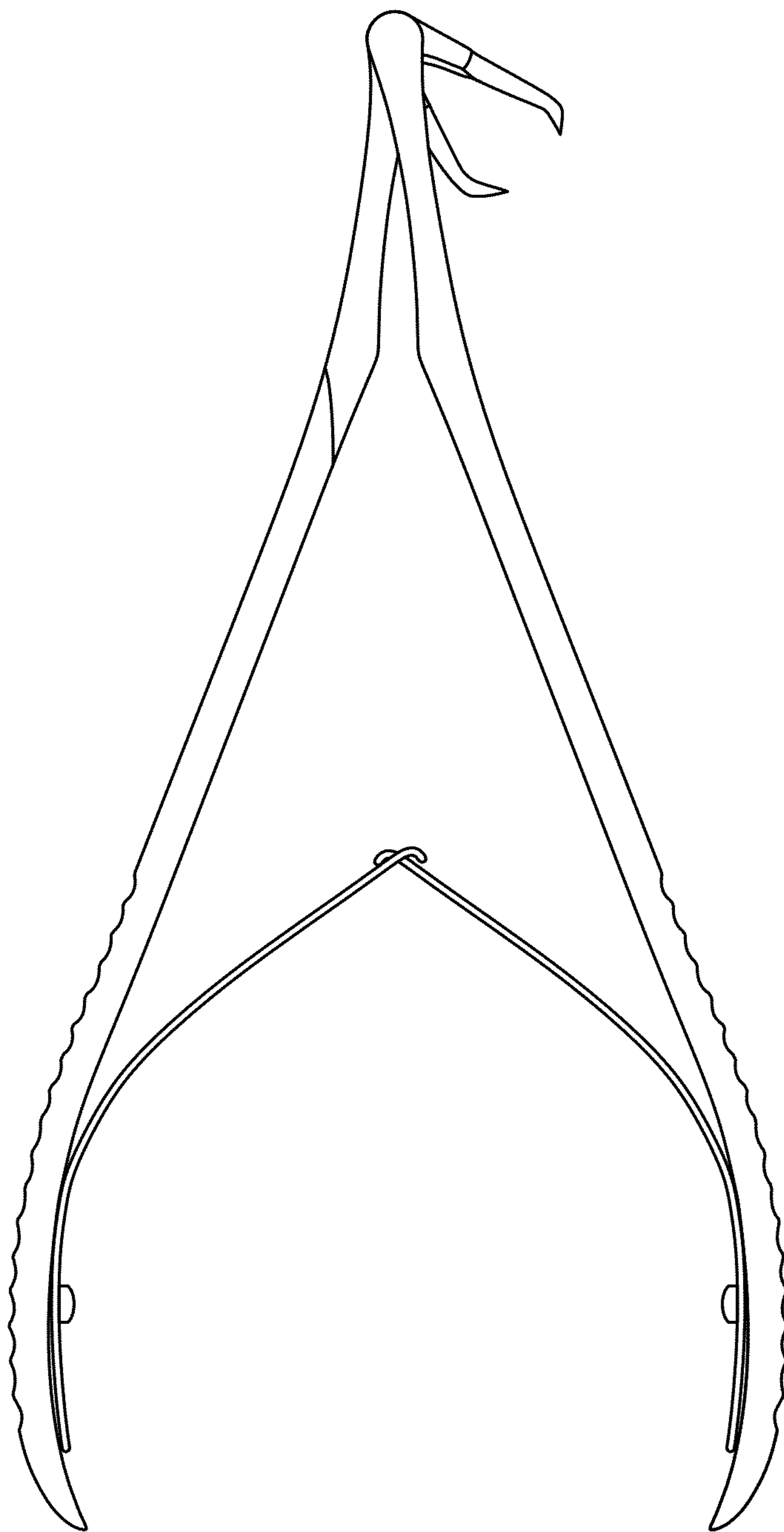


FIG. 1

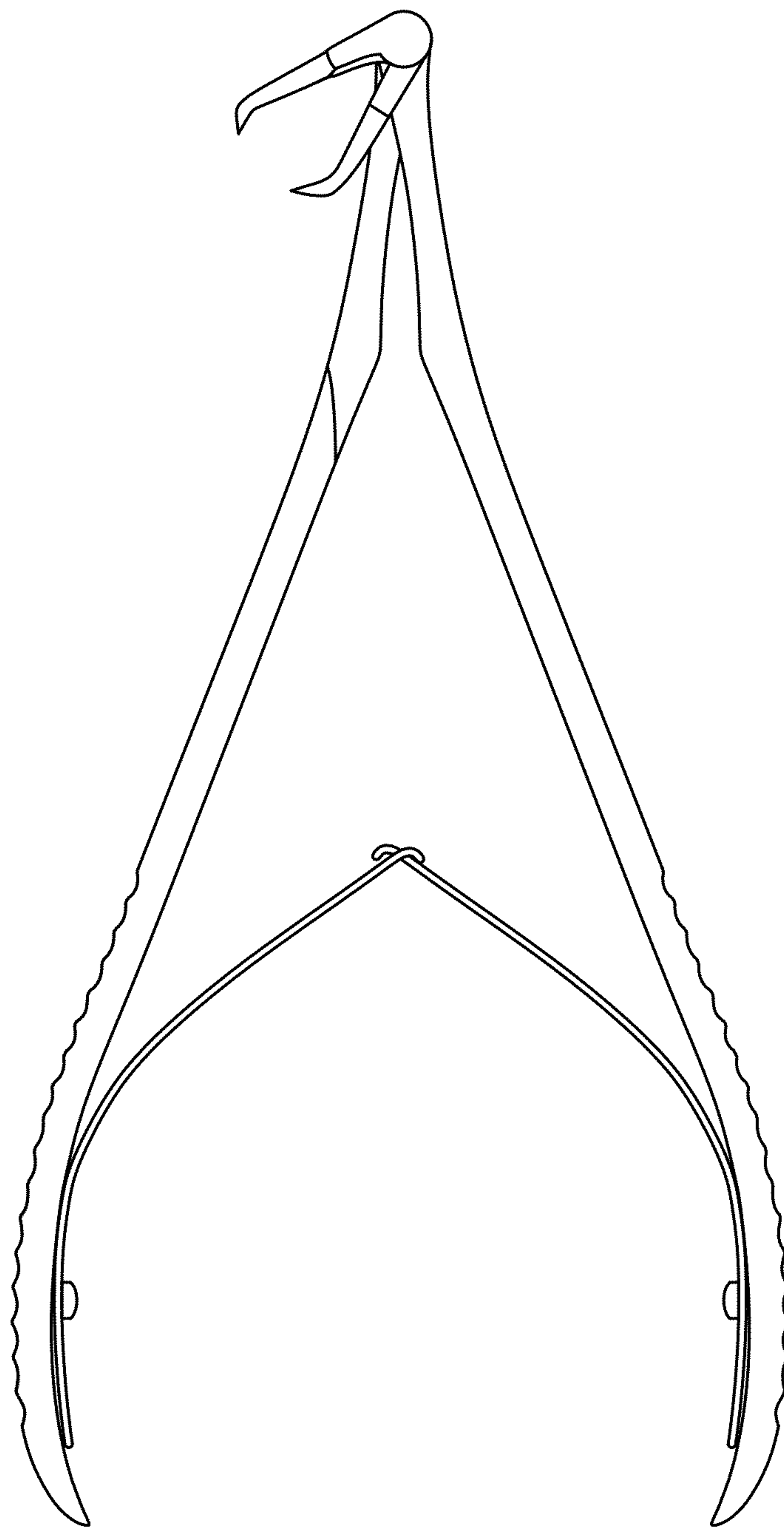


FIG. 2

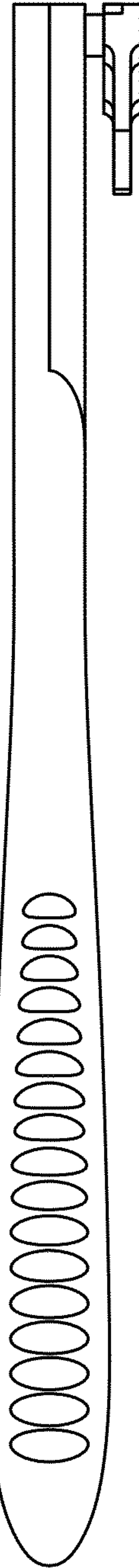


FIG. 3

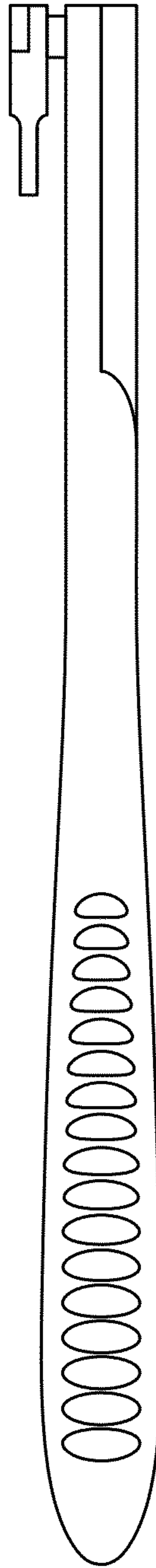


FIG. 4