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

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(54) **WRENCH**

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

(21) Appl. No.: **29/145,747**

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(51) **LOC (7) Cl.** ..... **08-05**

(52) **U.S. Cl.** ..... **D8/17; D8/21; D8/28**

(58) **Field of Search** ..... **D8/17, 21-29; 81/119, 125.1, 186**

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

- 167,368 A \* 8/1875 Waitt
- 227,768 A \* 5/1880 Griffiths
- D13,065 S \* 7/1882 Pickering
- 486,764 A \* 11/1892 Cappenter
- D32,794 S \* 6/1900 Harbison
- 1,012,442 A \* 12/1911 Richardson

- D45,556 S \* 4/1914 Gravier
- D410,826 S \* 6/1999 Hsieh ..... D8/28
- D411,945 S \* 7/1999 Chen ..... D8/28

\* cited by examiner

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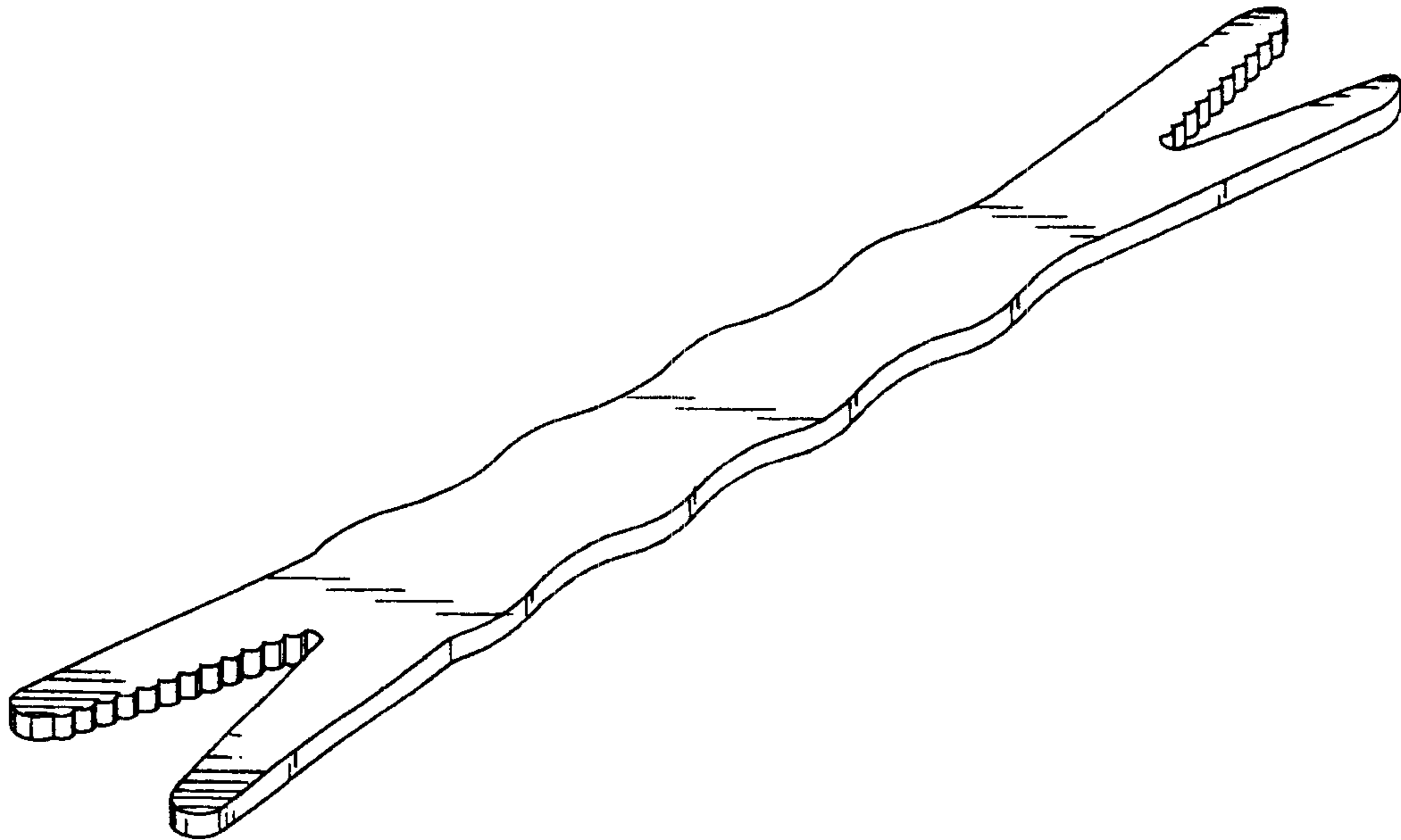
(57) **CLAIM**

The ornamental design for wrench, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a wrench showing my new design;  
 FIG. 2 is a front elevational view thereof;  
 FIG. 3 is a rear elevational view thereof;  
 FIG. 4 is a left elevational view thereof;  
 FIG. 5 is a right elevational view thereof;  
 FIG. 6 is a top plan view thereof; and,  
 FIG. 7 is bottom plan view thereof.

**1 Claim, 2 Drawing Sheets**



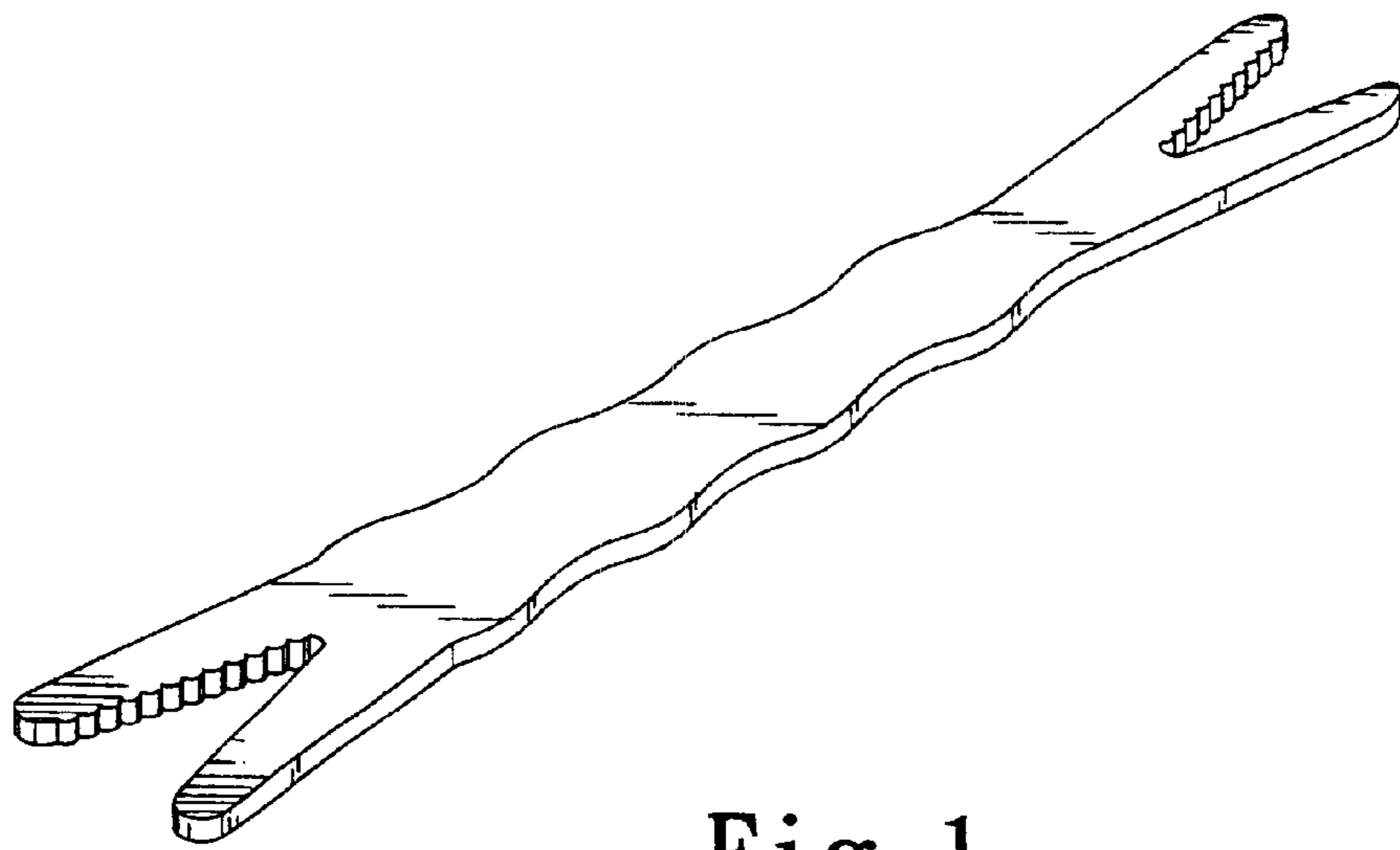


Fig. 1

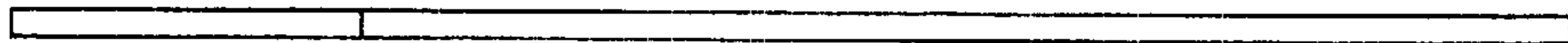


Fig. 2



Fig. 3



Fig. 4



Fig. 5

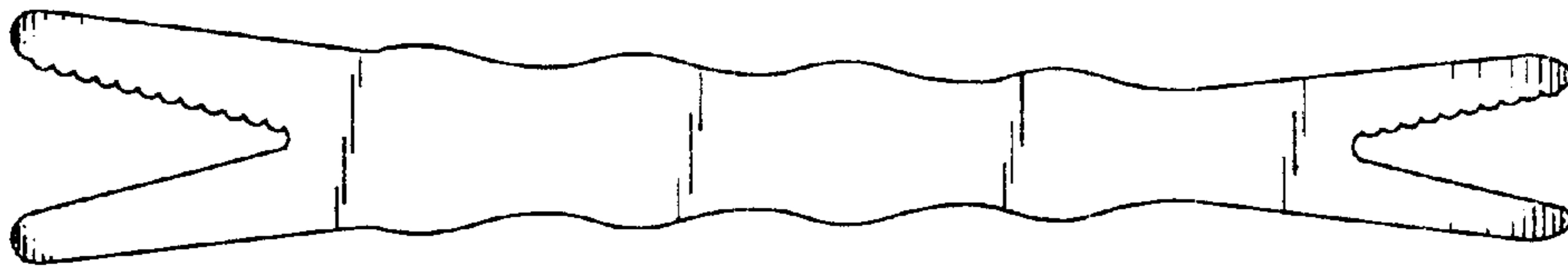


Fig. 6

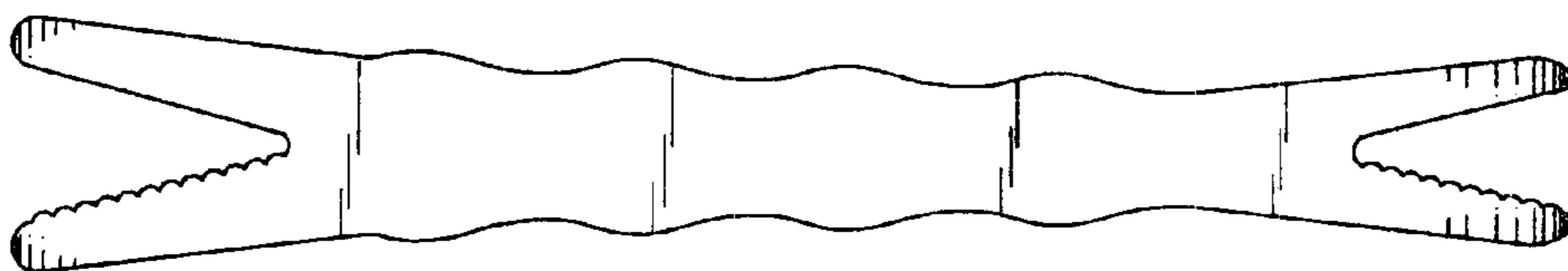


Fig. 7