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

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(45) **Date of Patent:** **\*\* Feb. 20, 2018**

(54) **PLIER**

(71) Applicant: **Chao-Chih Liu**, Taichung (TW)

(72) Inventor: **Chao-Chih Liu**, Taichung (TW)

(\*\*) Term: **15 Years**

(21) Appl. No.: **29/597,436**

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(51) **LOC (11) Cl.** ..... **08-03**

(52) **U.S. Cl.**  
USPC ..... **D8/57**

(58) **Field of Classification Search**  
USPC ..... D8/4, 5, 14, 51-582  
CPC ..... B26B 13/12; B26B 13/14; B26B 13/20;  
B26B 13/00; B26B 13/005; B26B 13/06  
See application file for complete search history.

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*Primary Examiner* — Deanna L Pratt

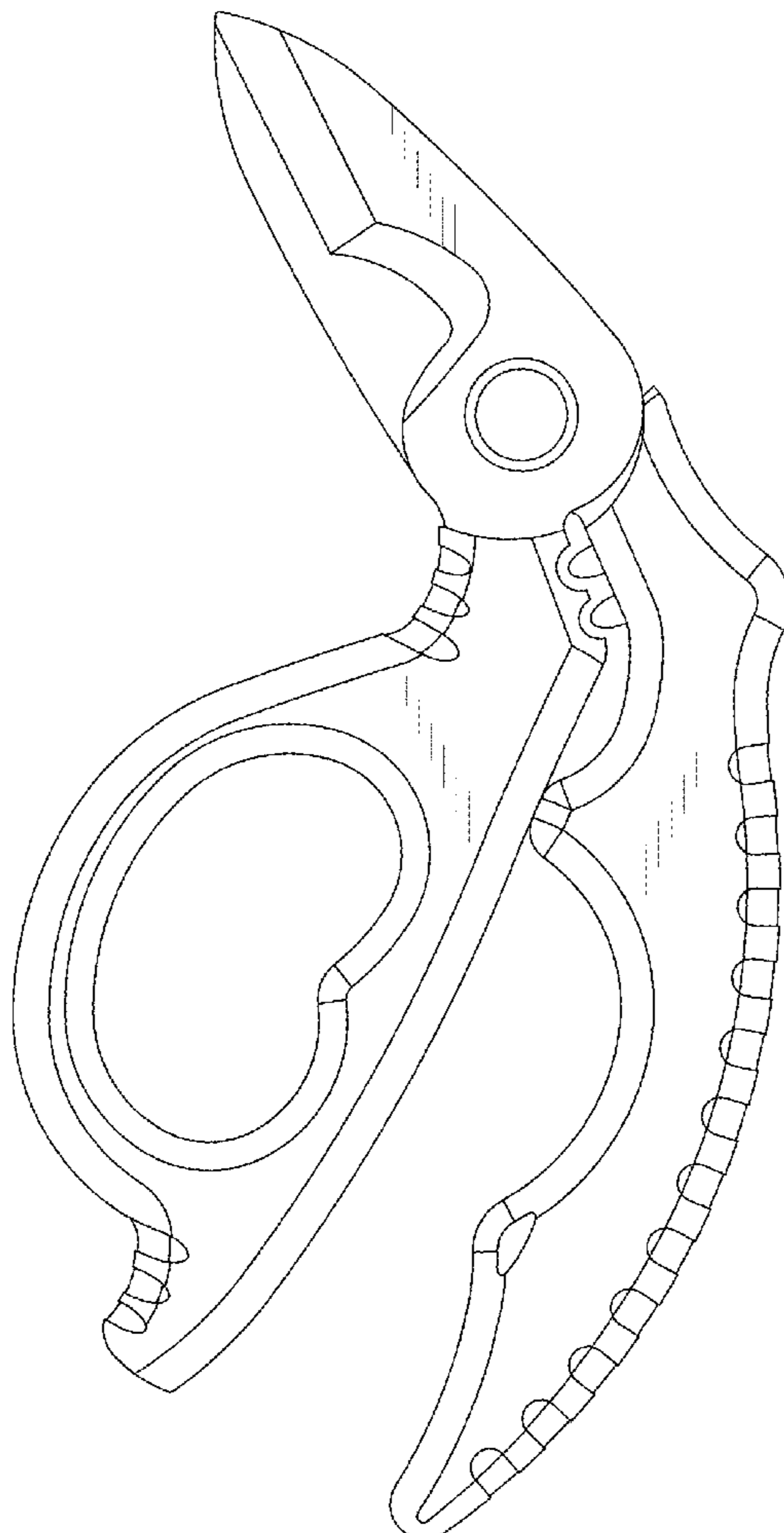
(57) **CLAIM**

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

**DESCRIPTION**

FIG. 1 is a front-right-top perspective view of the plier showing my new design;  
FIG. 2 is a front elevational view thereof;  
FIG. 3 is a rear front elevational view thereof;  
FIG. 4 is a left side elevational view thereof;  
FIG. 5 is a right side elevational view thereof;  
FIG. 6 is a top plan view thereof;  
FIG. 7 is a bottom plan view thereof; and,  
FIG. 8 is another perspective view thereof.

**1 Claim, 7 Drawing Sheets**



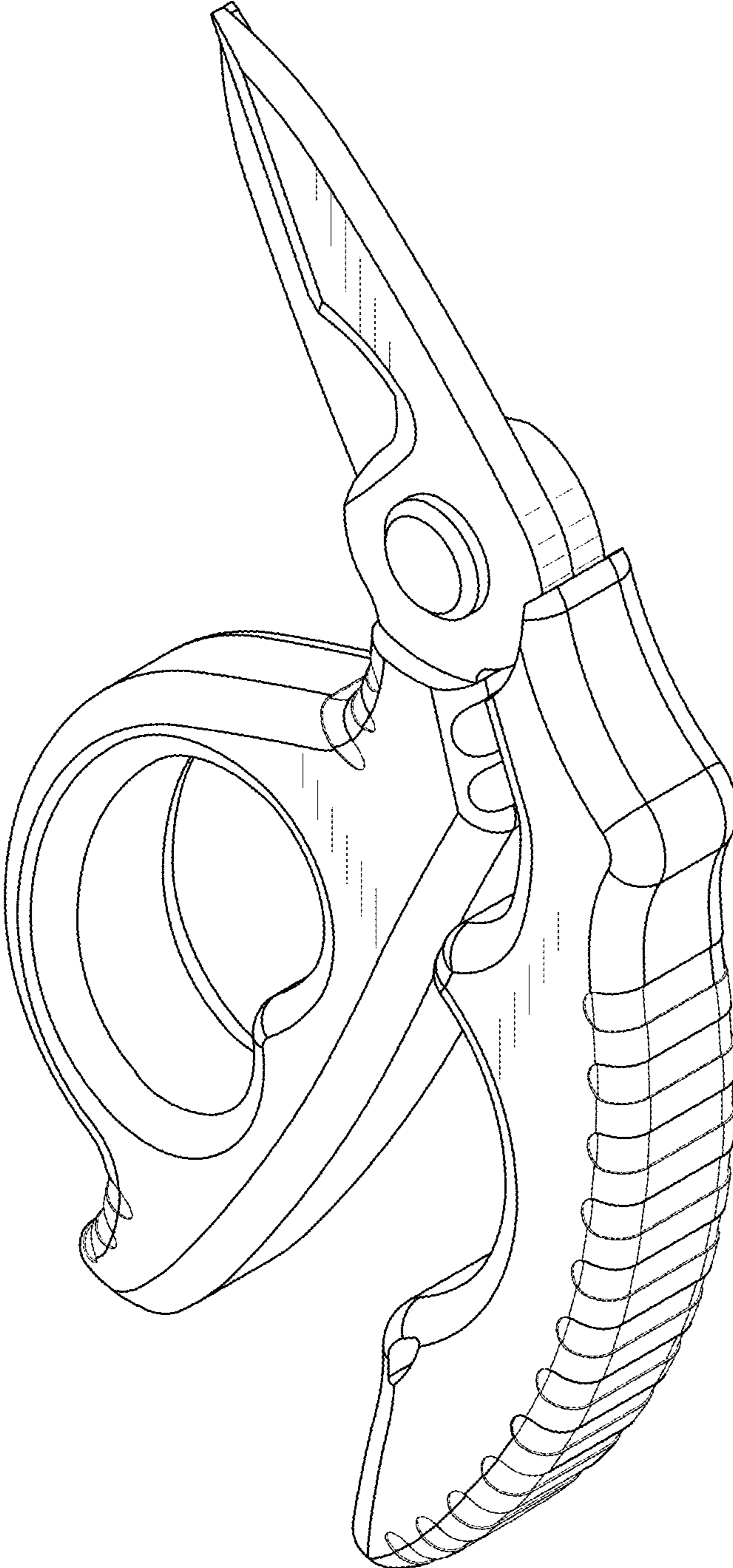


FIG.1

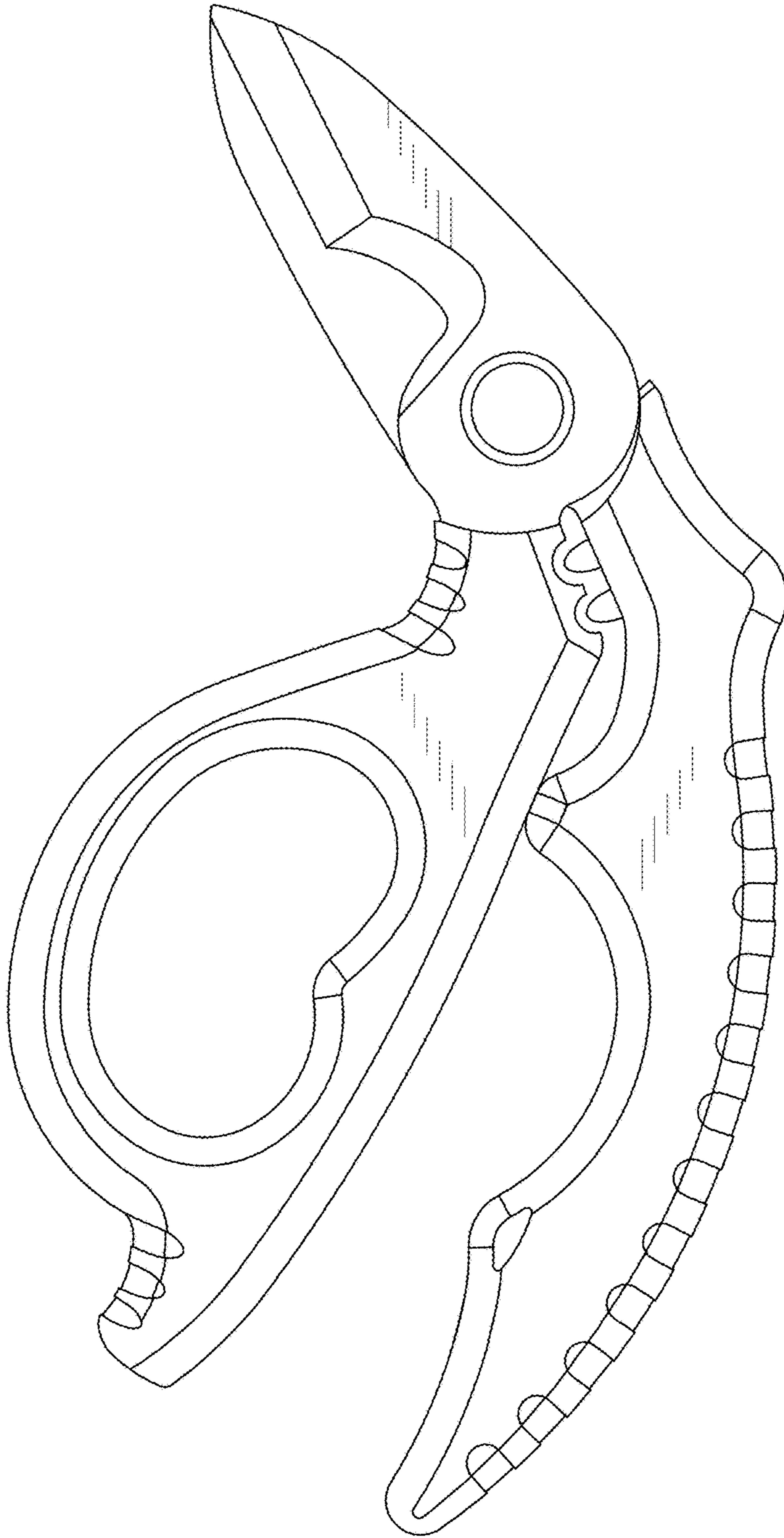


FIG.2

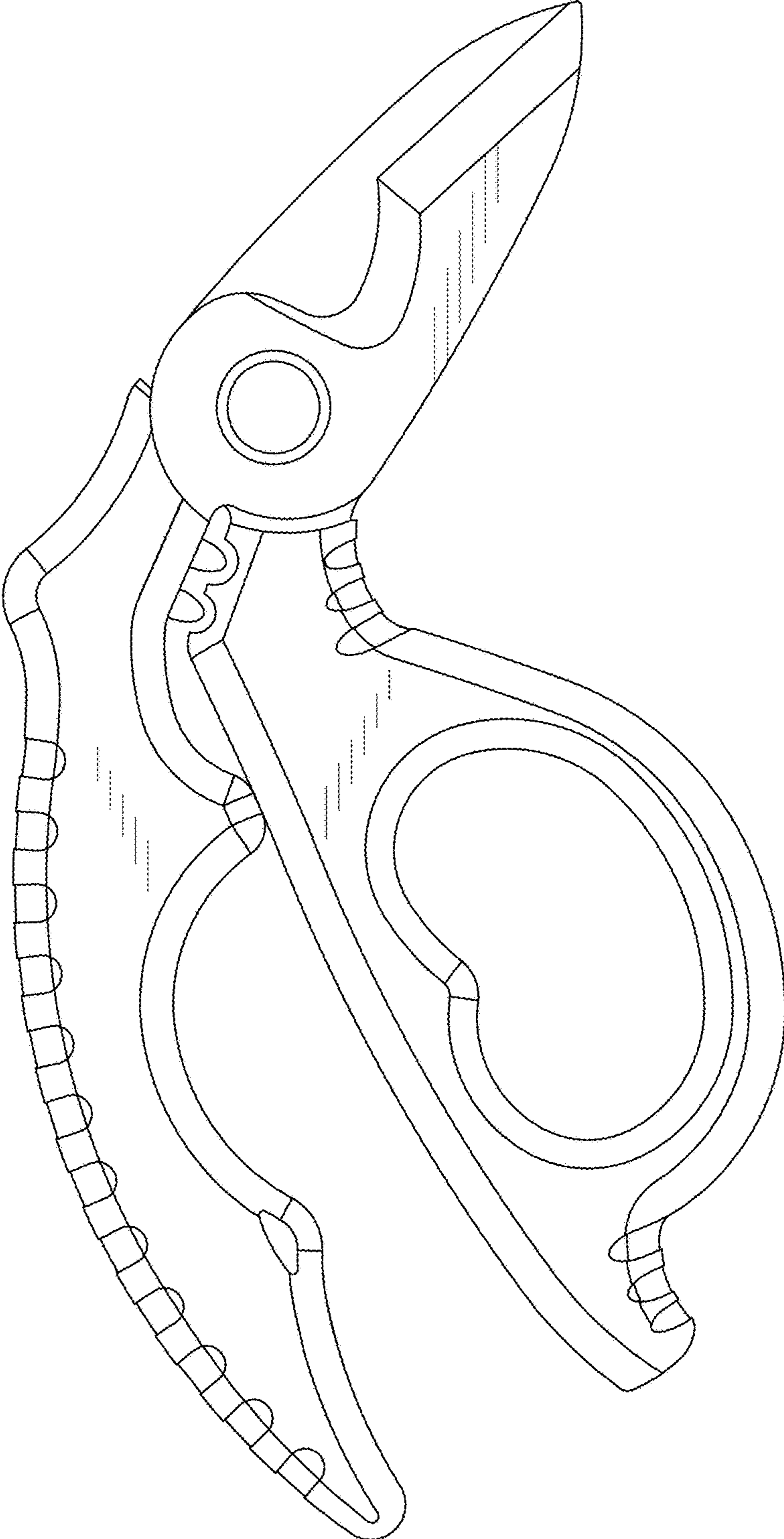


FIG.3

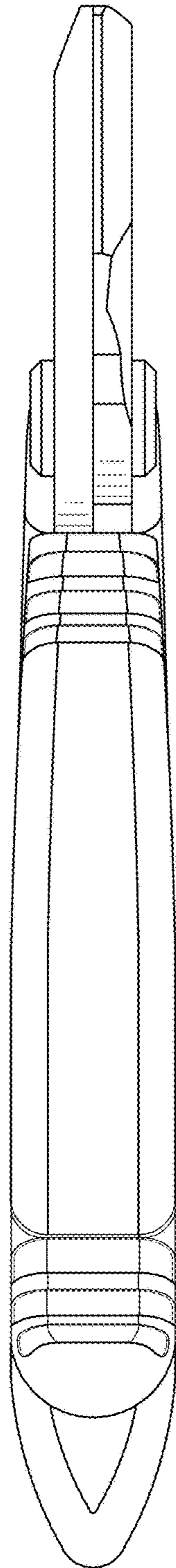


FIG.4

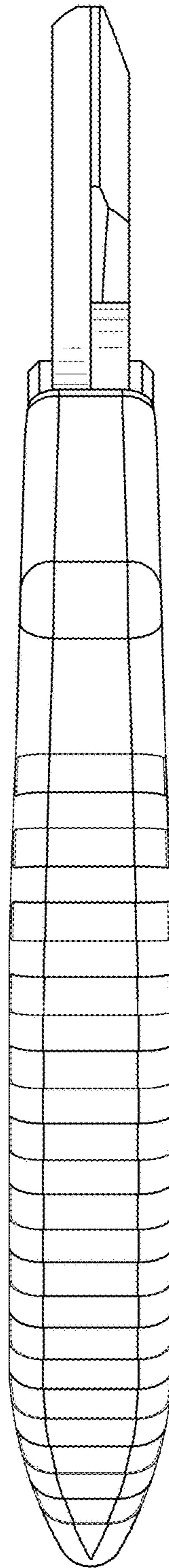


FIG.5

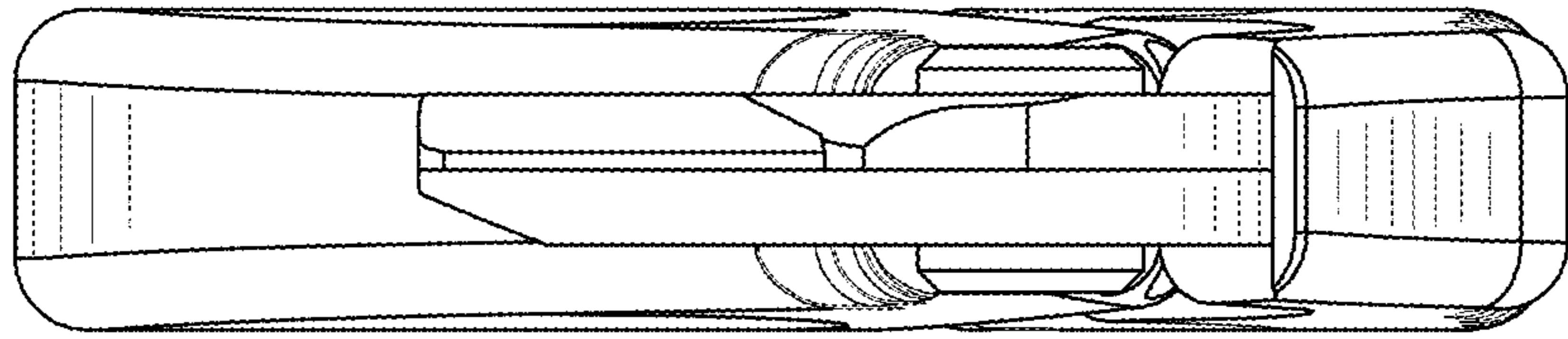


FIG. 6

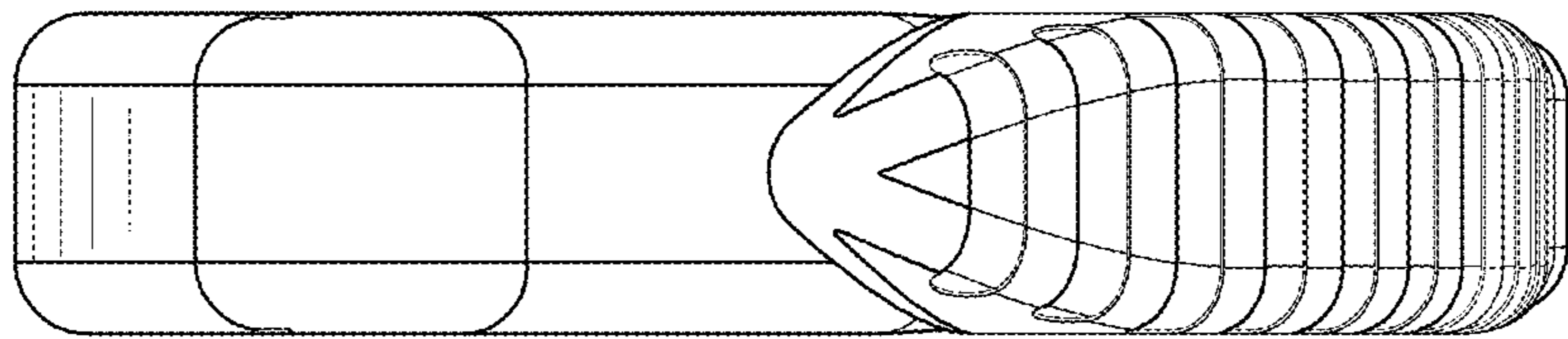


FIG. 7

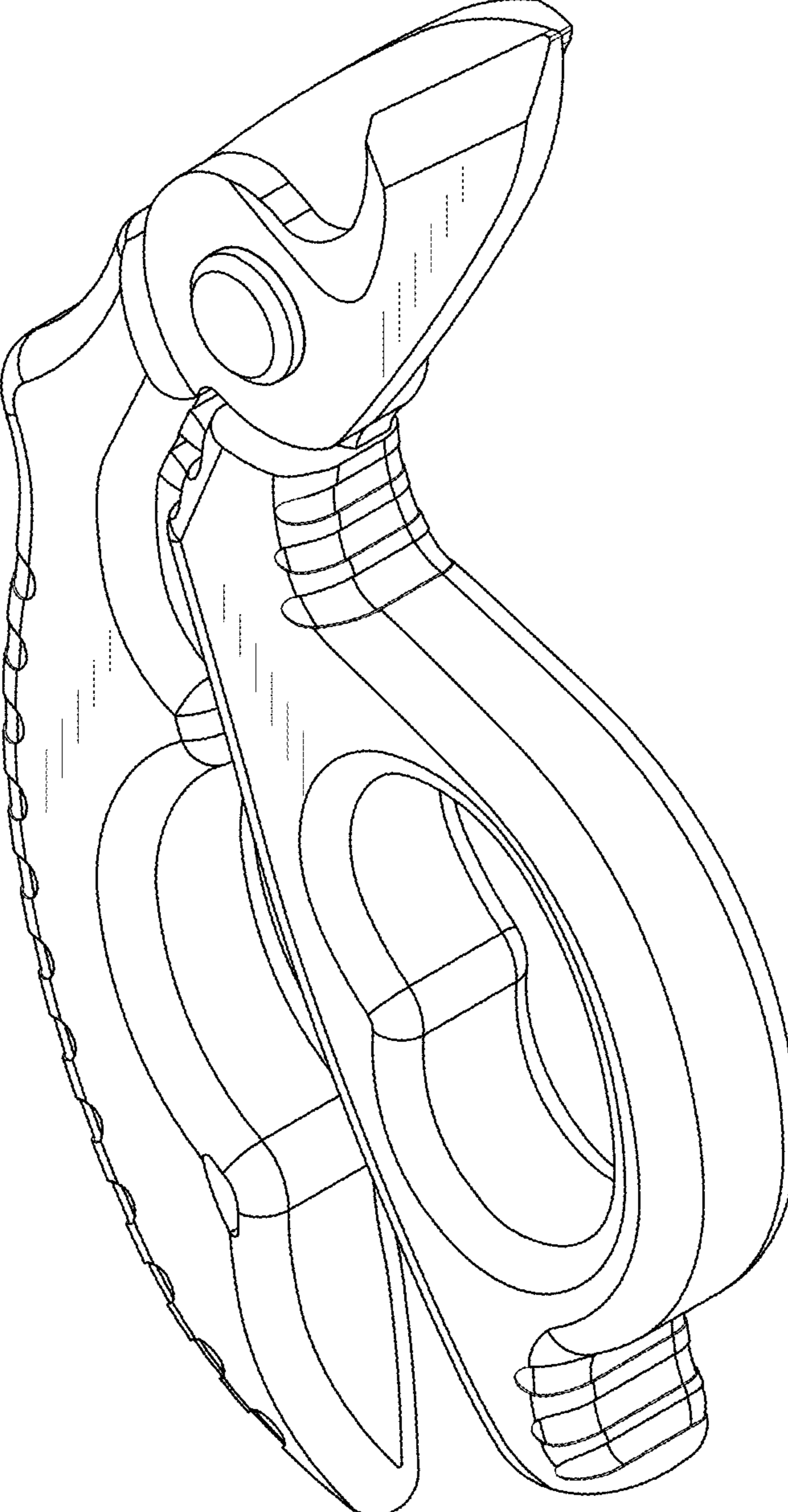


FIG.8