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

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(54) **MULTI-FUNCTIONAL SHARPENER FOR TOOLS AND BLADES**

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

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(51) **LOC (10) Cl.** **08-05**

(52) **U.S. Cl.**
USPC **D8/93; D8/105**

(58) **Field of Classification Search**
USPC D8/90-94, 105; 451/461, 486, 552, 451/555-558
CPC B24B 3/54; B24D 15/06; B24D 15/065; B24D 15/081; B24D 15/082; B25F 1/00; B25F 1/04; F21V 22/0084
See application file for complete search history.

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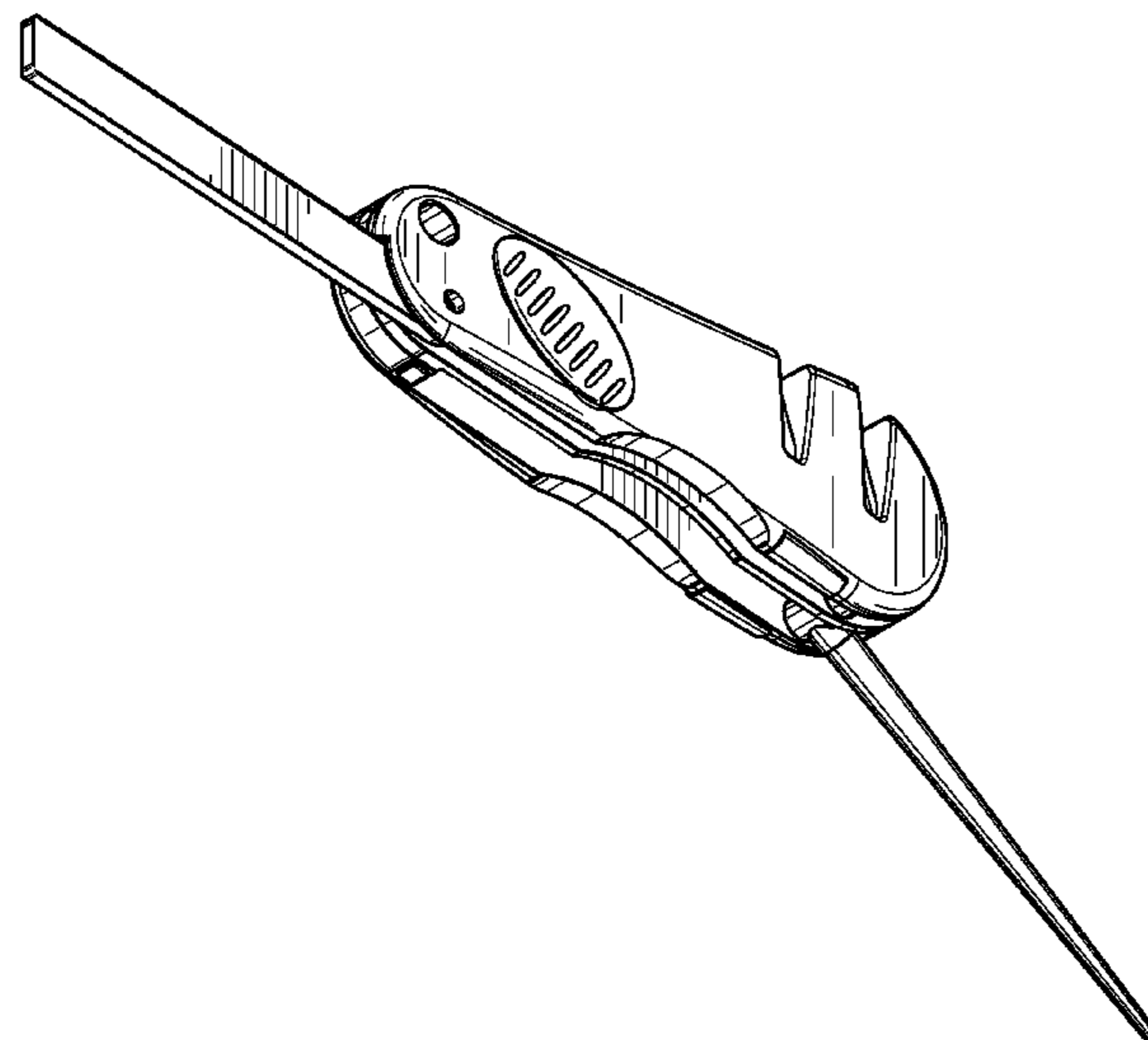
(57) **CLAIM**

The ornamental design for a multi-functional sharpener for tools and blades, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of the multi-functional sharpener for tools and blades showing my design.
FIG. 2 is a side elevation view thereof;
FIG. 3 is an opposite side elevation view thereof;
FIG. 4 is a front elevation view thereof;
FIG. 5 is a rear elevation view thereof;
FIG. 6 is a top plan view;
FIG. 7 is a bottom plan view; and,
FIG. 8 is a bottom perspective view showing elements of the sharpener in an extended position.
The device sharpens tools and blades, such as knife blades.

1 Claim, 3 Drawing Sheets



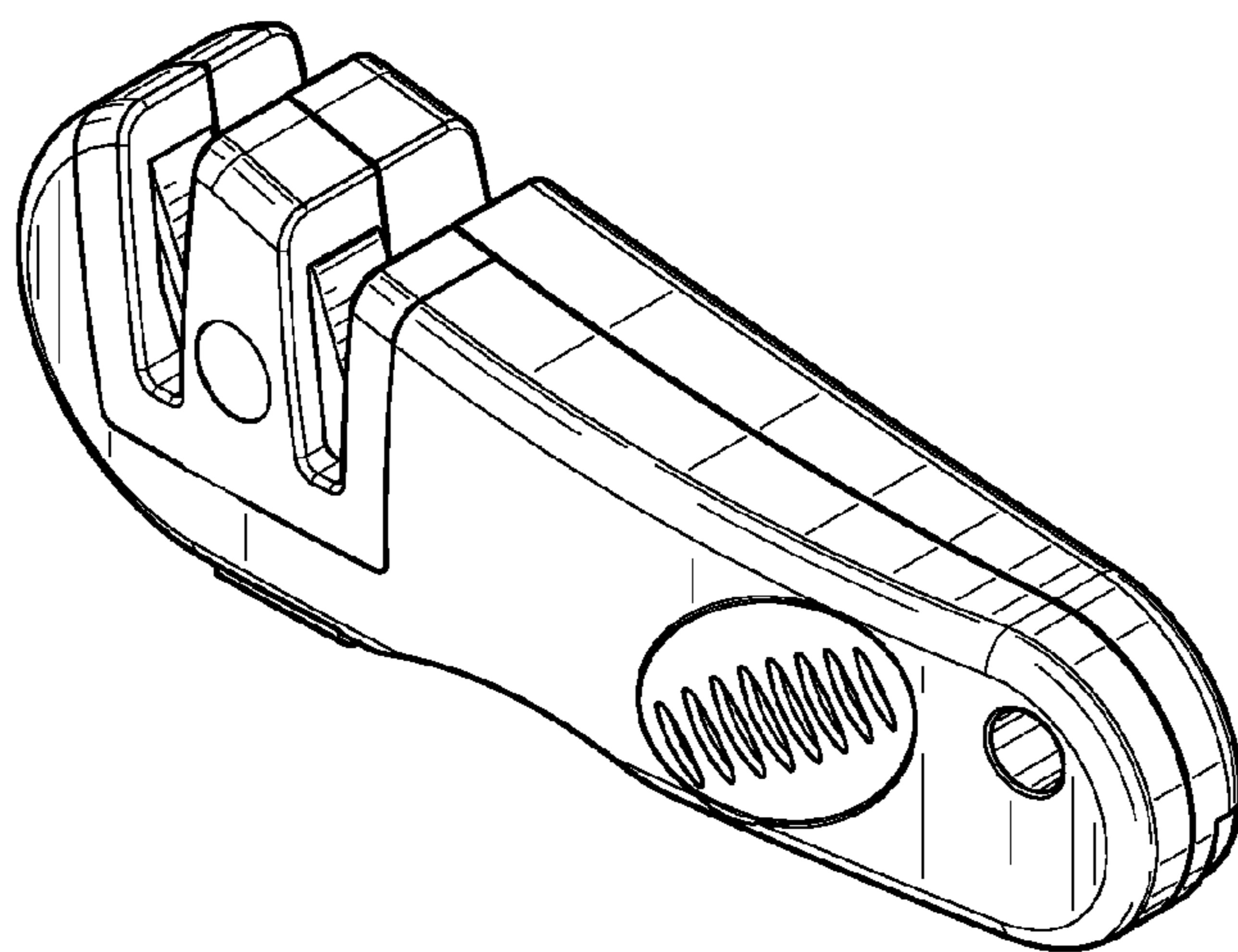


FIG. 1

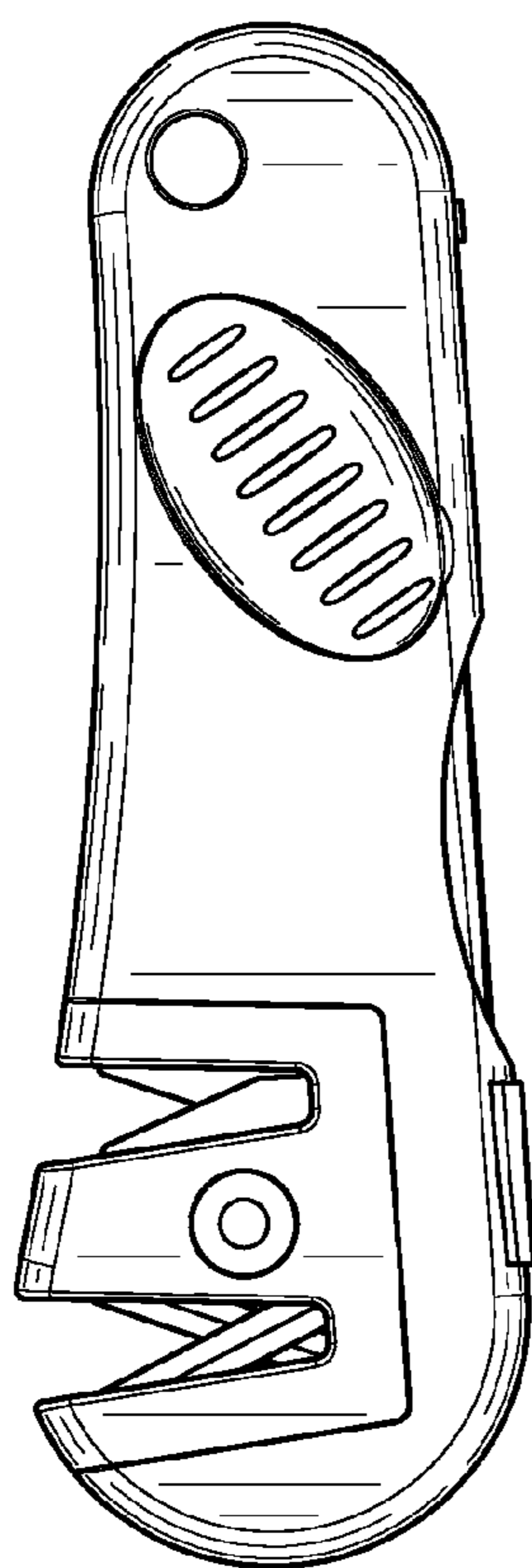


FIG. 2

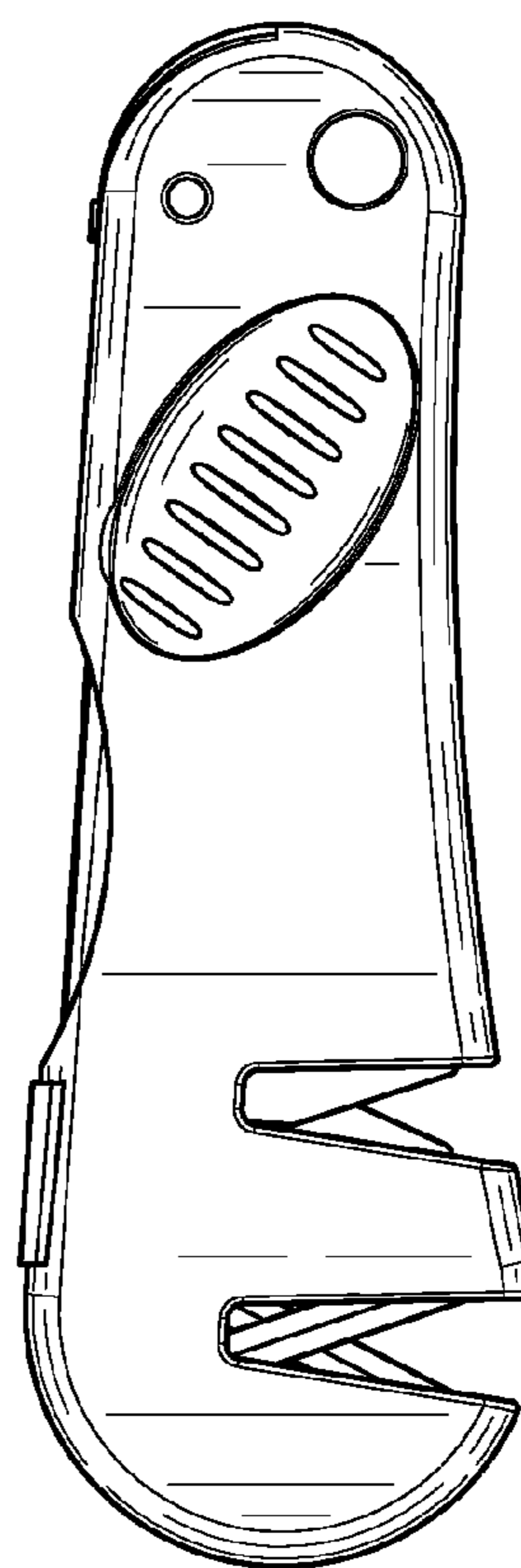


FIG. 3

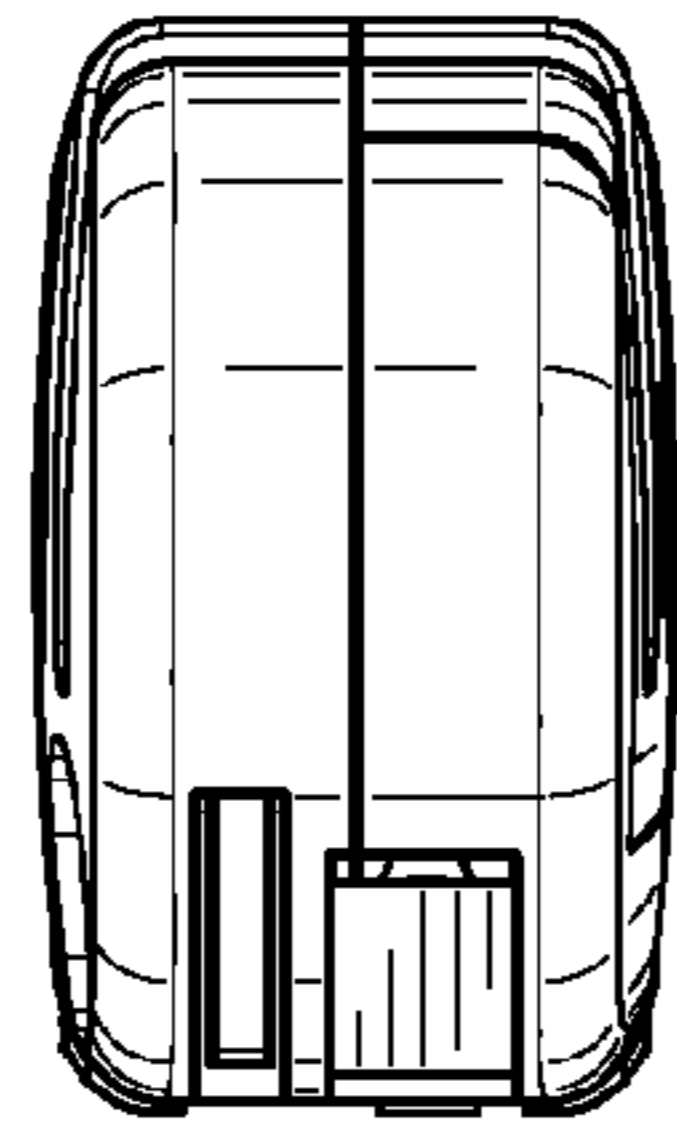


FIG. 4

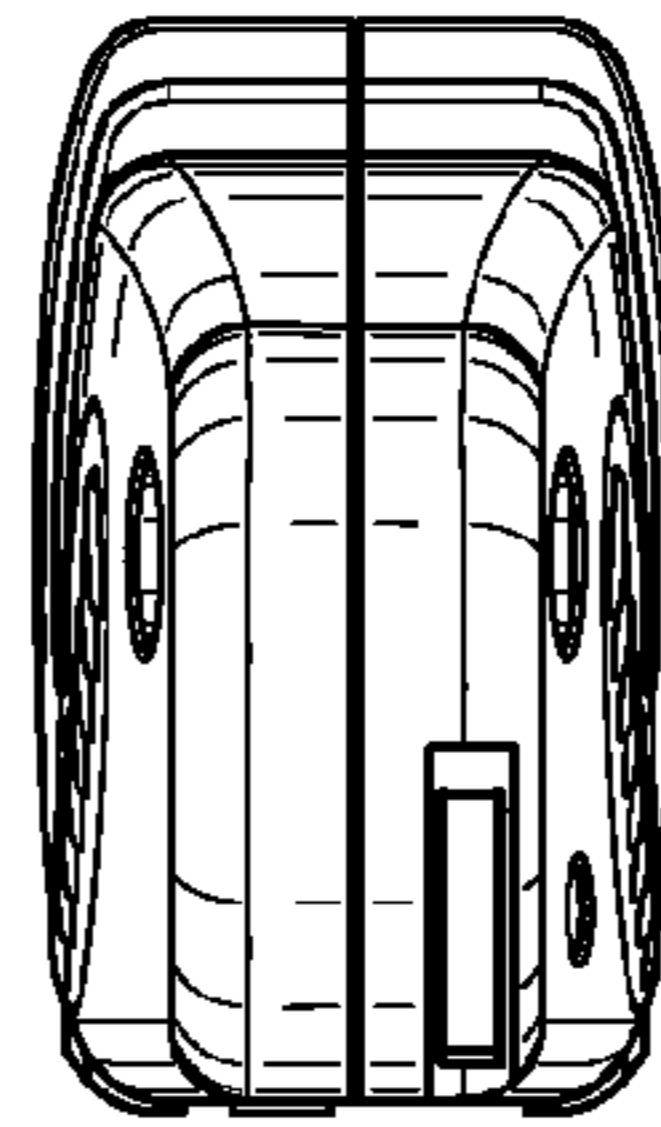


FIG. 5

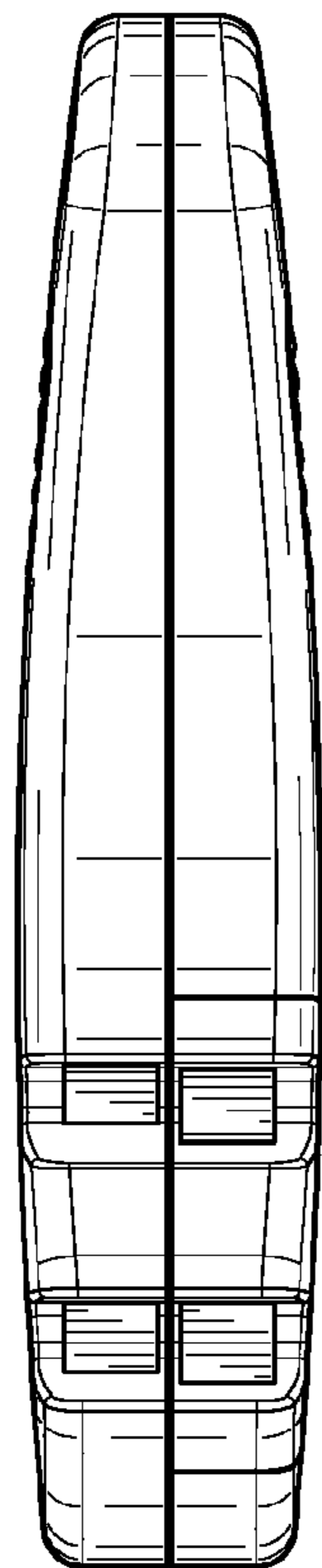


FIG. 6

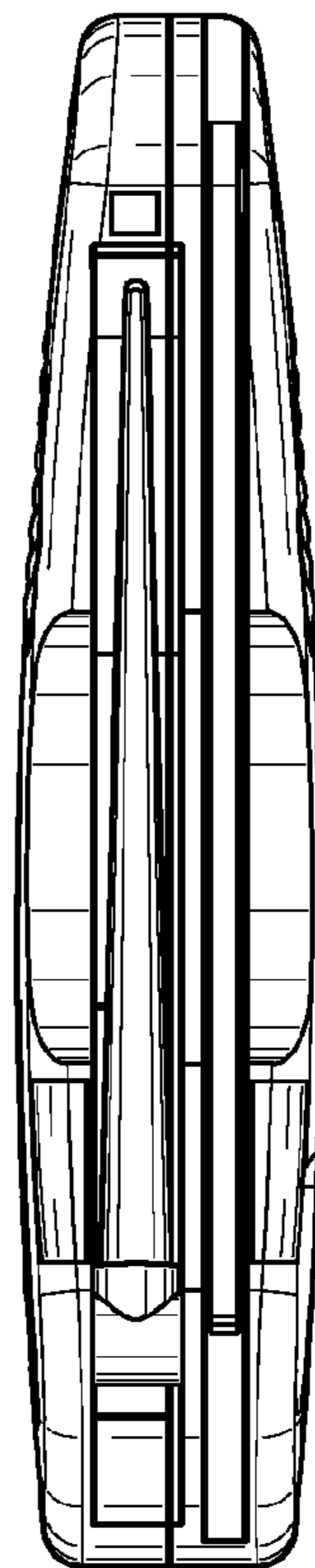


FIG. 7

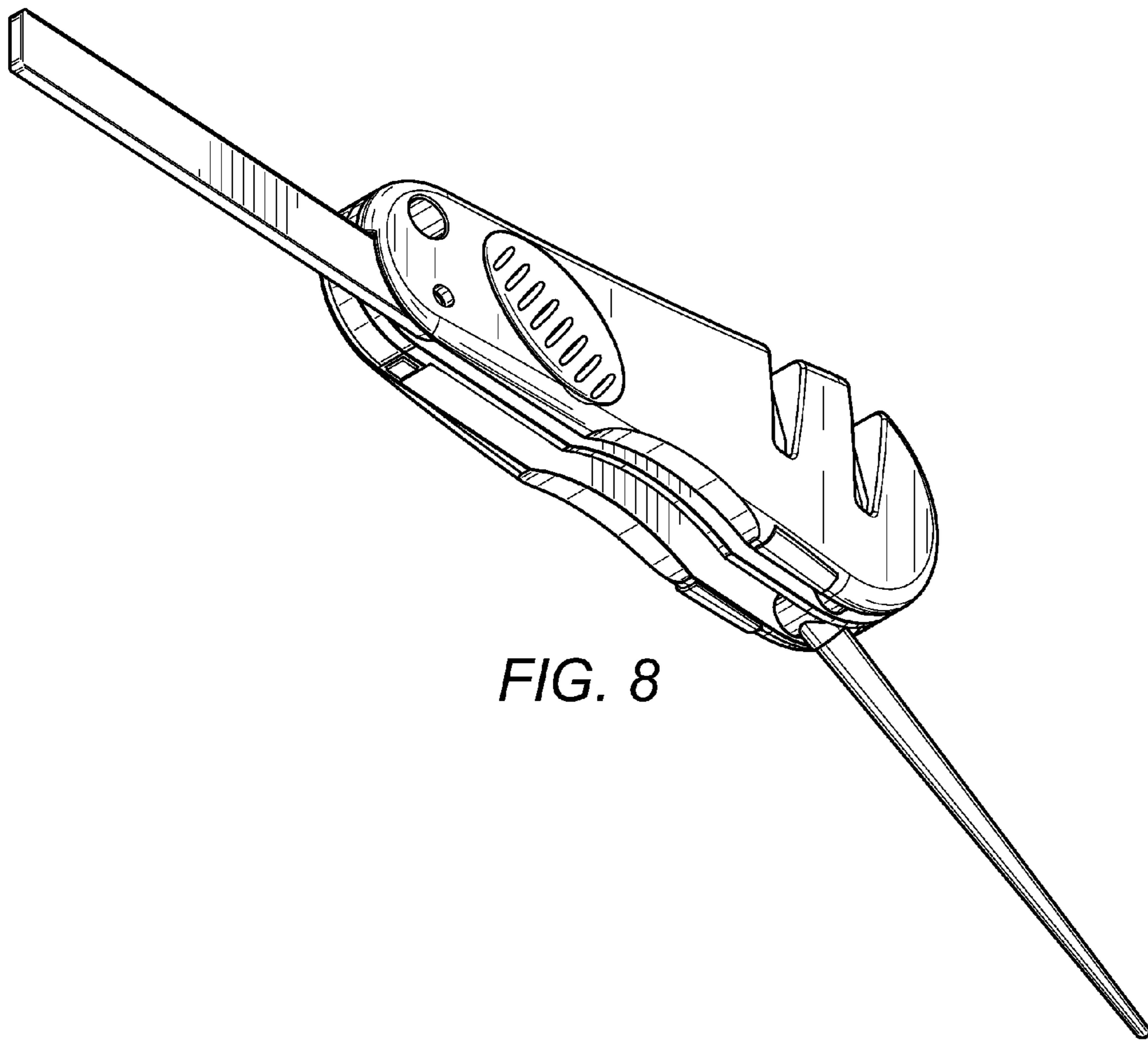


FIG. 8