



US00D680846S

(12) **United States Design Patent**  
**Smith et al.**

(10) **Patent No.:** **US D680,846 S**  
(45) **Date of Patent:** **\*\* Apr. 30, 2013**

(54) **ADJUSTABLE MANUAL ABRASIVE SHARPENER**

D640,523 S \* 6/2011 Stutz et al. .... D8/93  
D640,909 S \* 7/2011 Stutz et al. .... D8/93  
D668,524 S \* 10/2012 Yang ..... D8/93

(75) Inventors: **Richard S Smith**, Hot Springs, AR (US); **Louis Chalfant**, Hot Springs, AR (US)

**OTHER PUBLICATIONS**

Smith's Adjustable Angle Pull-Thru Knife Sharpener. Downloaded from <http://www.cabelas.com/knife-sharpeners-smiths-adjustable-angle-pull-thru-knife-sharpener-1.shtml> Dec. 12, 2012.\*

(73) Assignee: **Smith's Consumer Products, Inc.**, Hot Springs, AR (US)

\* cited by examiner

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

*Primary Examiner* — Philip S Hyder

*Assistant Examiner* — Roselynn Cody

(21) Appl. No.: **29/395,426**

(74) *Attorney, Agent, or Firm* — Edward D. Gilhooly

(22) Filed: **Jan. 17, 2012**

(51) **LOC (9) Cl.** ..... **08-05**

(52) **U.S. Cl.**

USPC ..... **D8/93**

(58) **Field of Classification Search** ..... D8/34, D8/35, 63, 91-94, 106; 451/45, 267, 552, 451/555-558; 76/82, 84, 86-89.2; 30/138

See application file for complete search history.

(57) **CLAIM**

The ornamental design for an adjustable manual abrasive sharpener, as shown and described.

**DESCRIPTION**

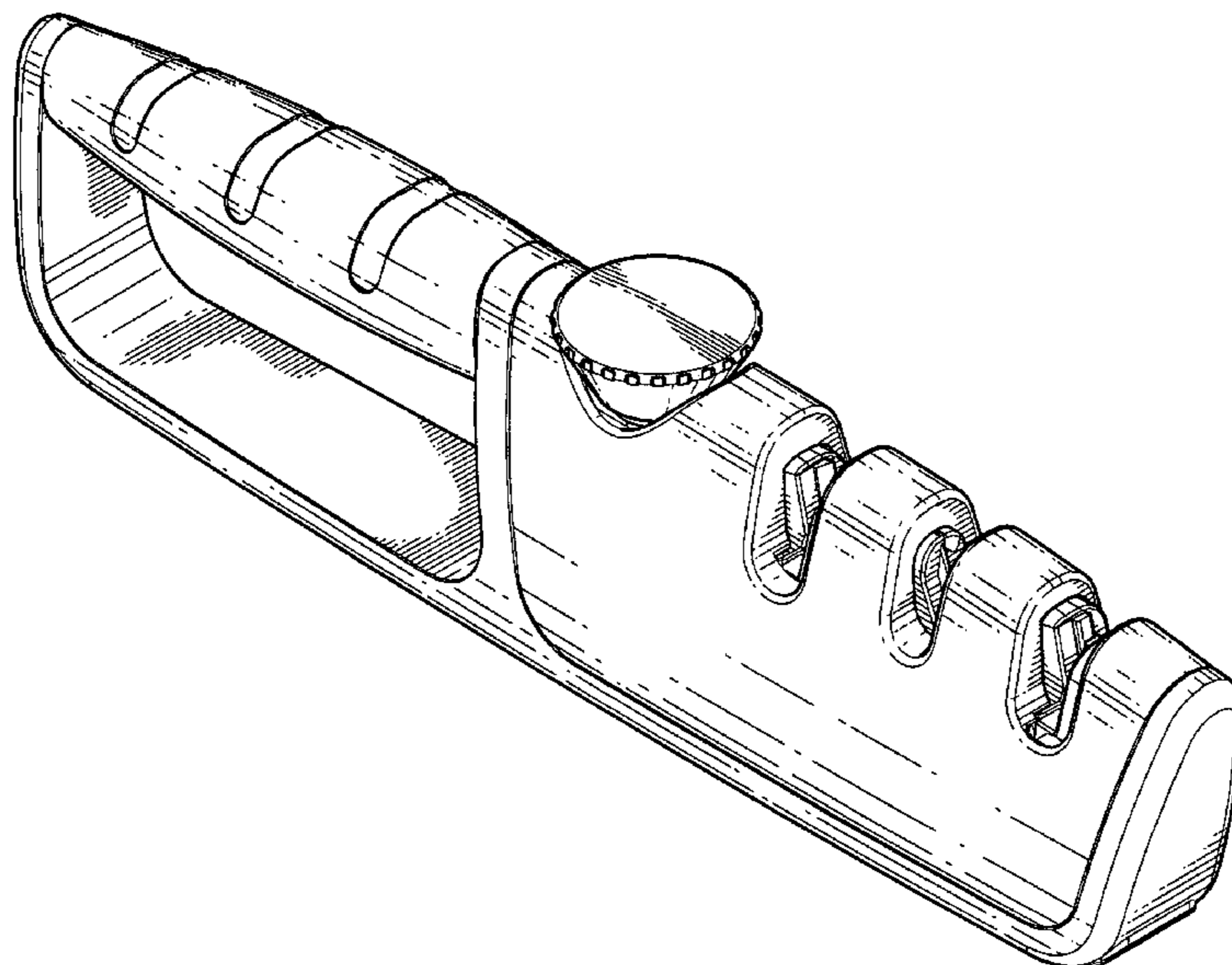
FIG. 1 is a front perspective view of the design for the adjustable manual abrasive sharpener of the invention; FIG. 2 is a rear perspective view of the design for the adjustable manual abrasive sharpener of the invention; FIG. 3 is a right side elevational view, viewing FIG. 1, of the adjustable manual abrasive sharpener of FIG. 1; FIG. 4 is a front elevational view of the adjustable manual abrasive sharpener of FIG. 1; FIG. 5 is a top plan view of the adjustable manual abrasive sharpener of FIG. 1; FIG. 6 is a rear elevational view of the adjustable manual abrasive sharpener of FIG. 1; and, FIG. 7 is a bottom plan view of the adjustable manual abrasive sharpener of FIG. 1.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D116,704 S *	9/1939	Conway et al. ....	D8/93
D142,880 S *	11/1945	Loucony .....	D8/93
D165,970 S *	2/1952	Duncan .....	D8/94
D241,504 S *	9/1976	Krusche et al. ....	D8/93
D309,414 S *	7/1990	Shimizu .....	D8/93
D309,415 S *	7/1990	Shimizu .....	D8/93
D342,003 S *	12/1993	Friel et al. ....	D8/63
5,397,262 A *	3/1995	Lii .....	451/241
5,404,679 A *	4/1995	Friel et al. ....	451/312
5,449,315 A *	9/1995	Friel .....	451/282
D517,891 S *	3/2006	Tsuchida .....	D8/91

**1 Claim, 4 Drawing Sheets**



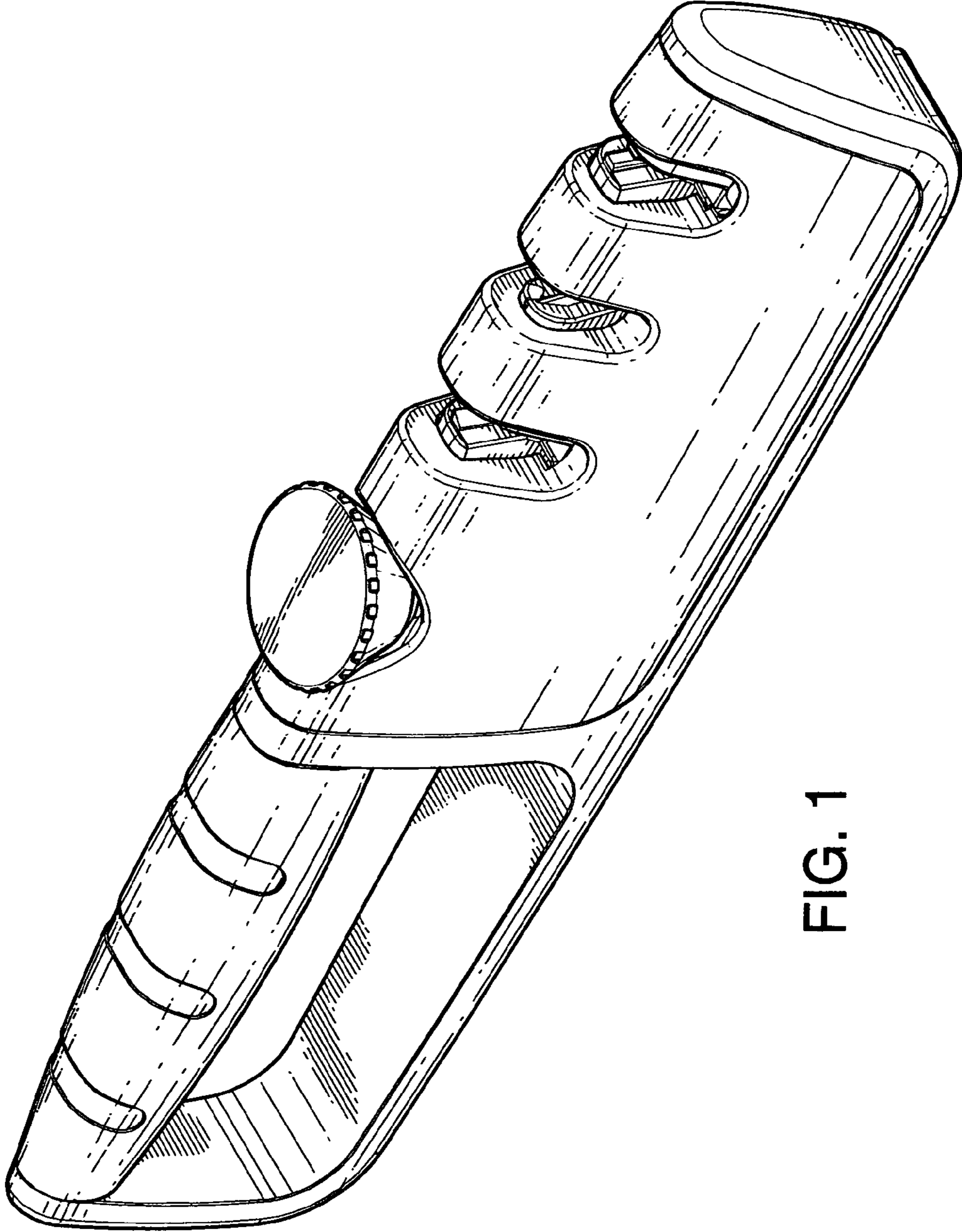


FIG. 1

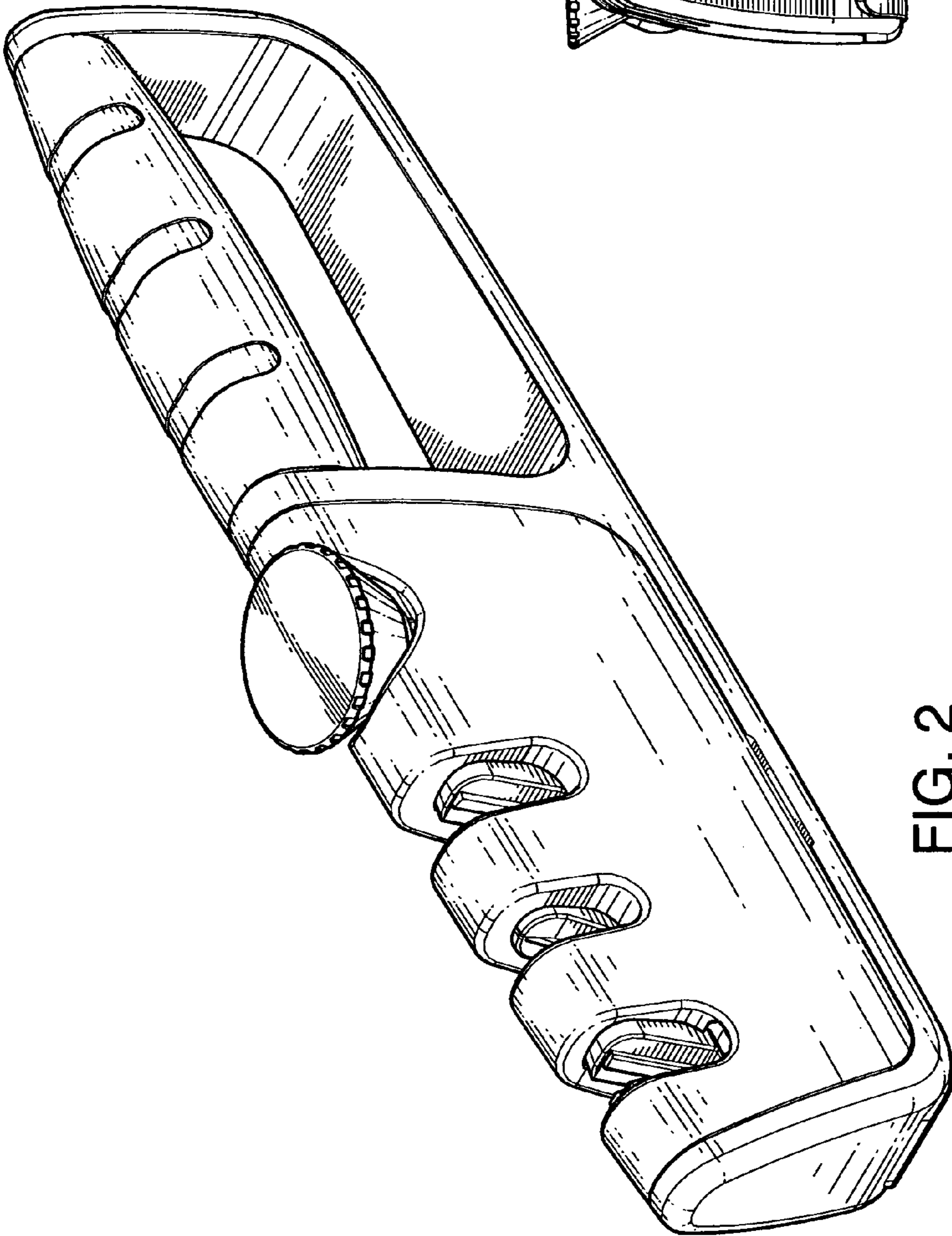


FIG. 2

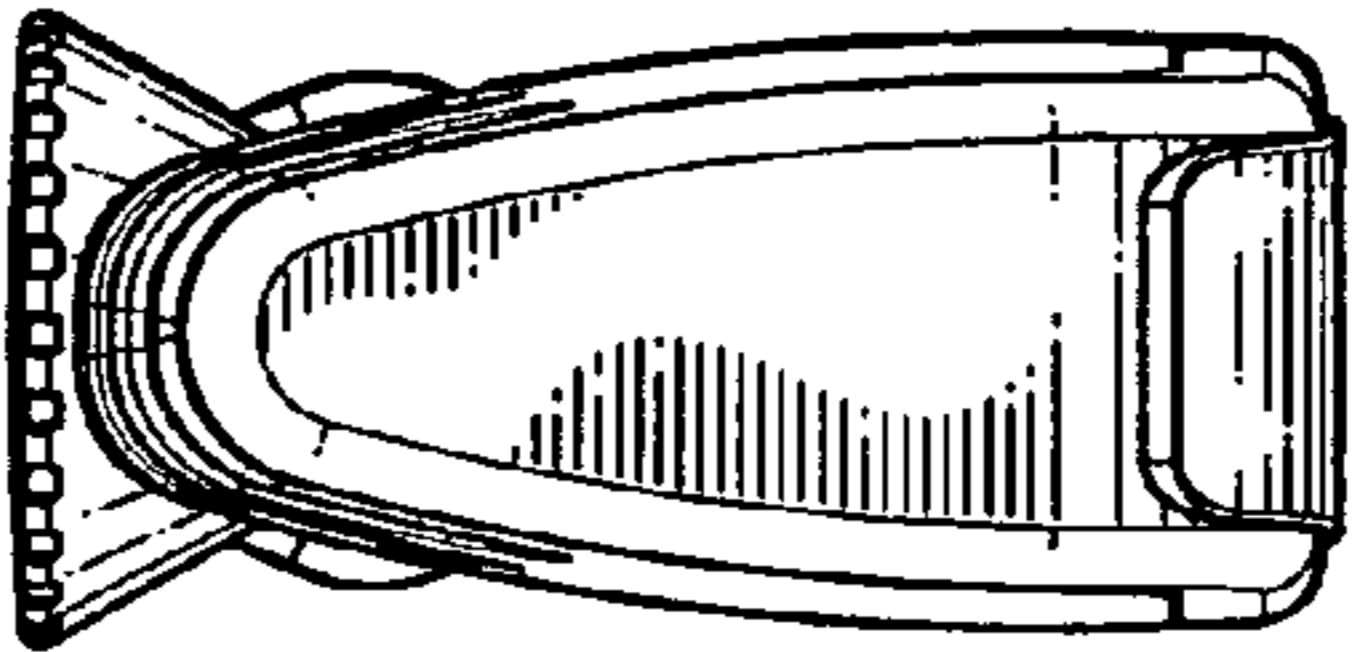


FIG. 3

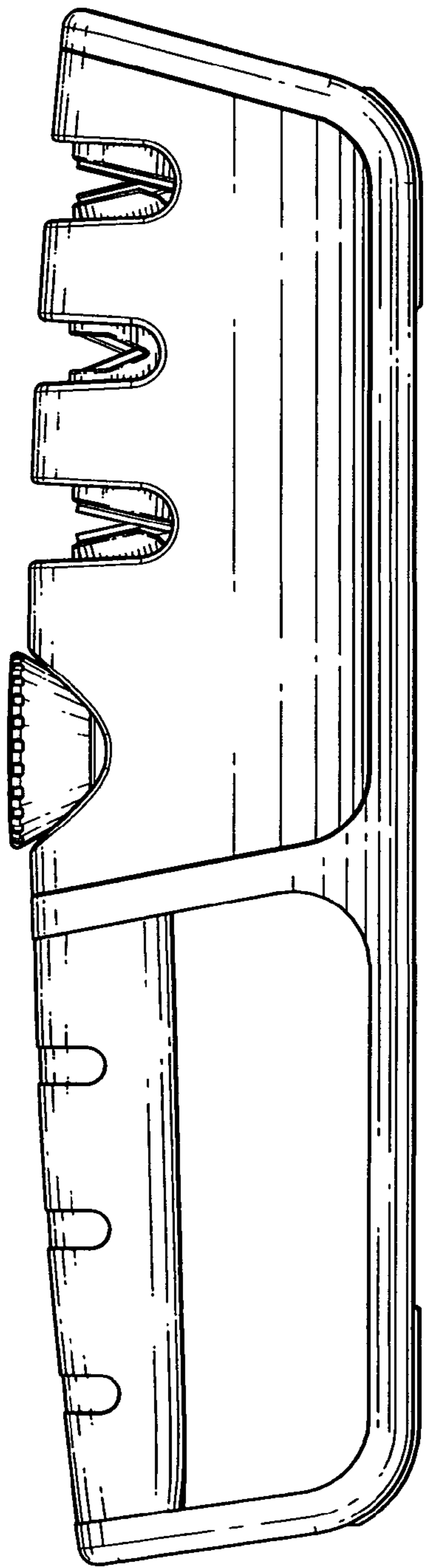


FIG. 4

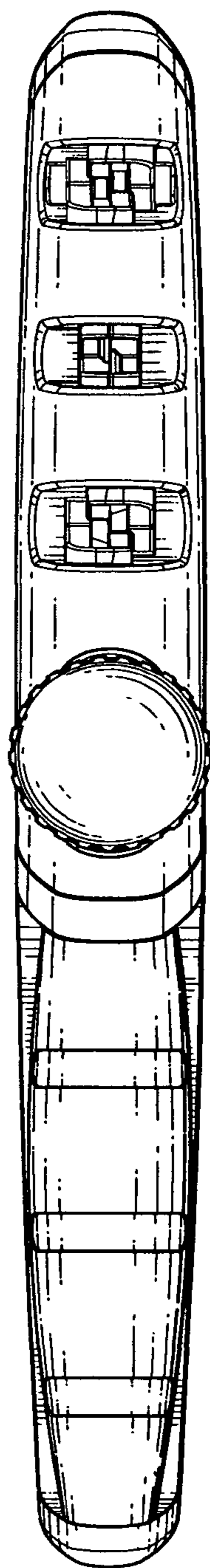


FIG. 5

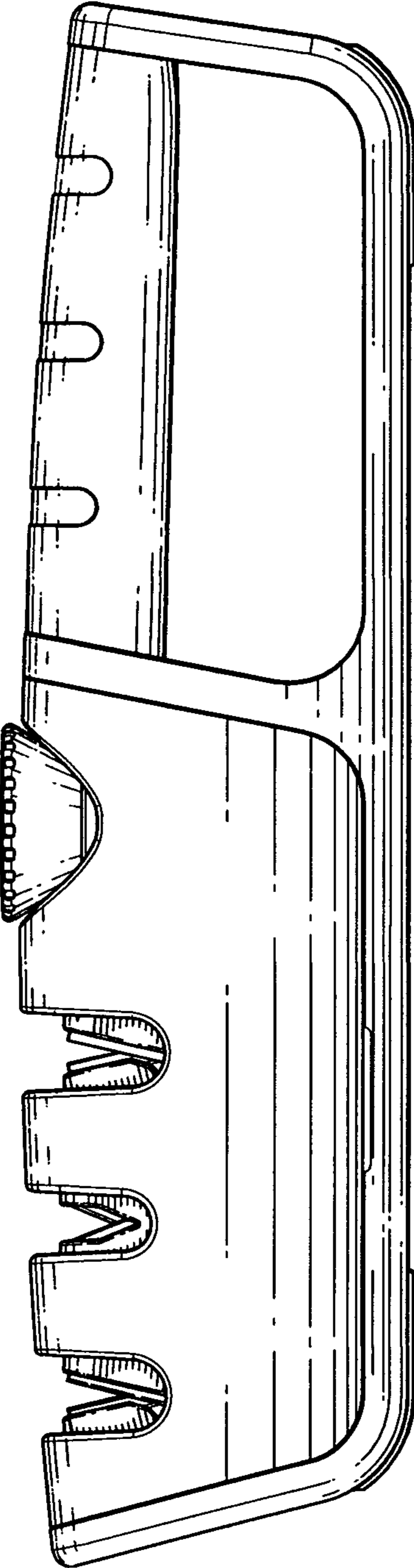


FIG. 6

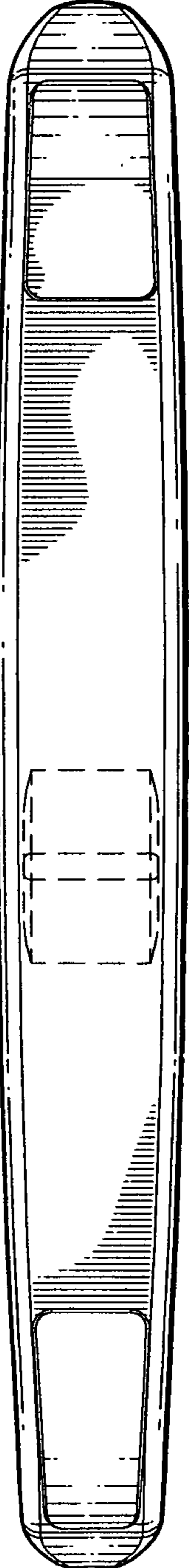


FIG. 7