



US00D519532S

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

(10) **Patent No.:** **US D519,532 S**

(45) **Date of Patent:** **\*\* Apr. 25, 2006**

(54) **TIP FOR AN END MILLING CUTTER**

5,478,178 A \* 12/1995 Pawlick ..... 408/153  
5,846,032 A \* 12/1998 Murakami ..... 407/102  
6,899,495 B1 \* 5/2005 Hansson et al. .... 408/144

(75) Inventors: **Bengt Strand**, Fagersta (SE); **Ronny Smedberg**, Fagersta (SE); **Kenneth Barkman**, Taipei (TW)

\* cited by examiner

(73) Assignee: **Seco Tools AB**, Fagersta (SE)

*Primary Examiner*—Antoine D. Davis

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

(74) *Attorney, Agent, or Firm*—Drinker Biddle & Reath LLP

(21) Appl. No.: **29/202,625**

(57) **CLAIM**

(22) Filed: **Apr. 2, 2004**

The ornamental design for a tip for an end milling cutter, as shown and described.

(51) **LOC (8) Cl.** ..... **15-09**

**DESCRIPTION**

(52) **U.S. Cl.** ..... **D15/139**

(58) **Field of Classification Search** ..... D15/139;  
175/374, 426; 407/54, 63, 102–104, 109–110;  
408/144, 145, 153, 227, 713

FIG. 1 is an end perspective view of a tip for an end milling cutter showing our new design.

FIG. 2 is a front elevational view thereof.

FIG. 3 is a top plan view thereof.

FIG. 4 is a rear elevational view thereof.

FIG. 5 is a bottom plan view thereof.

FIG. 6 is a left end view thereof; and,

FIG. 7 is a right end view thereof.

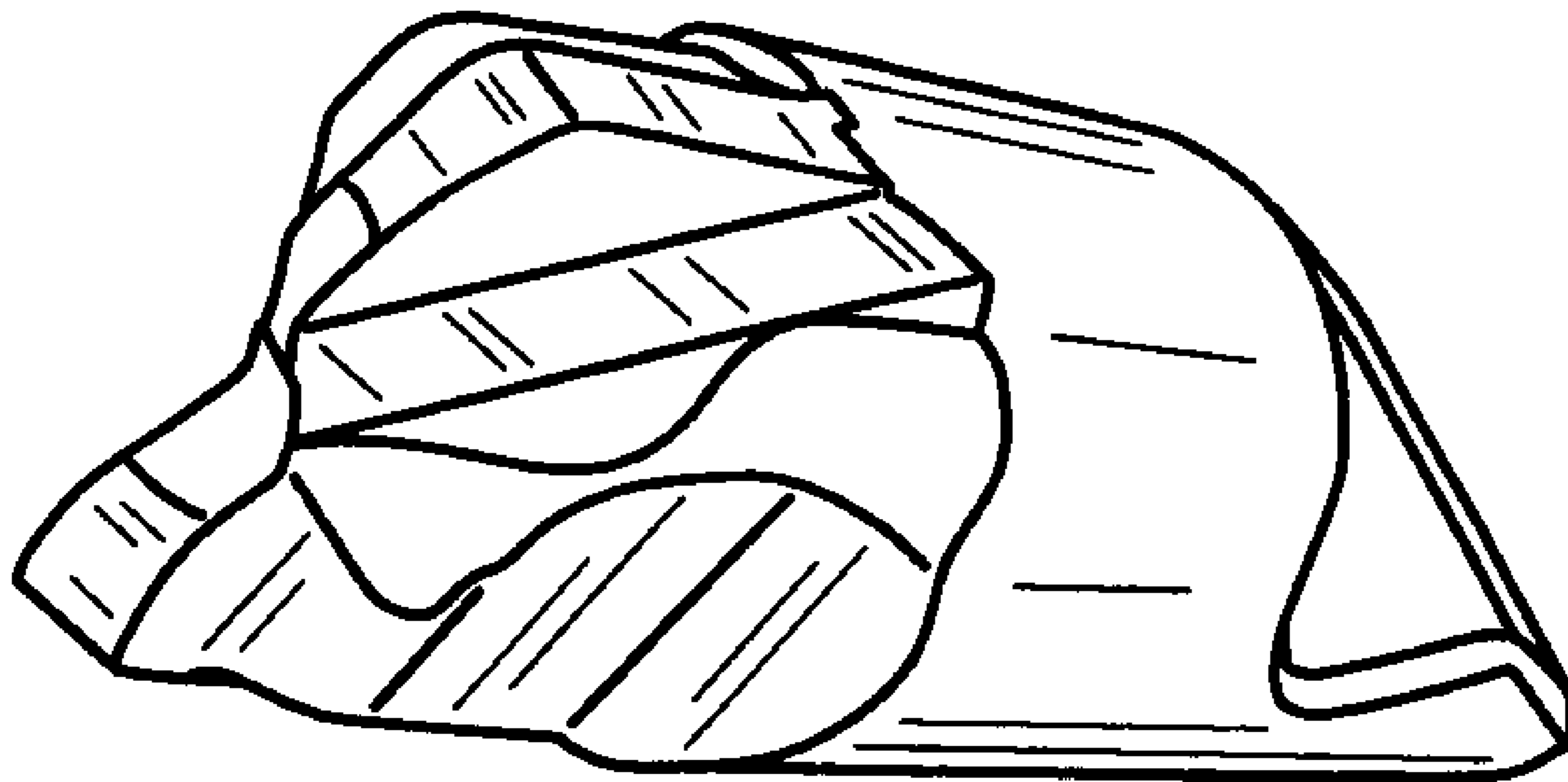
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,848,979 A \* 7/1989 Simmons ..... 407/103  
5,322,138 A \* 6/1994 Siracki ..... 175/374

**1 Claim, 2 Drawing Sheets**



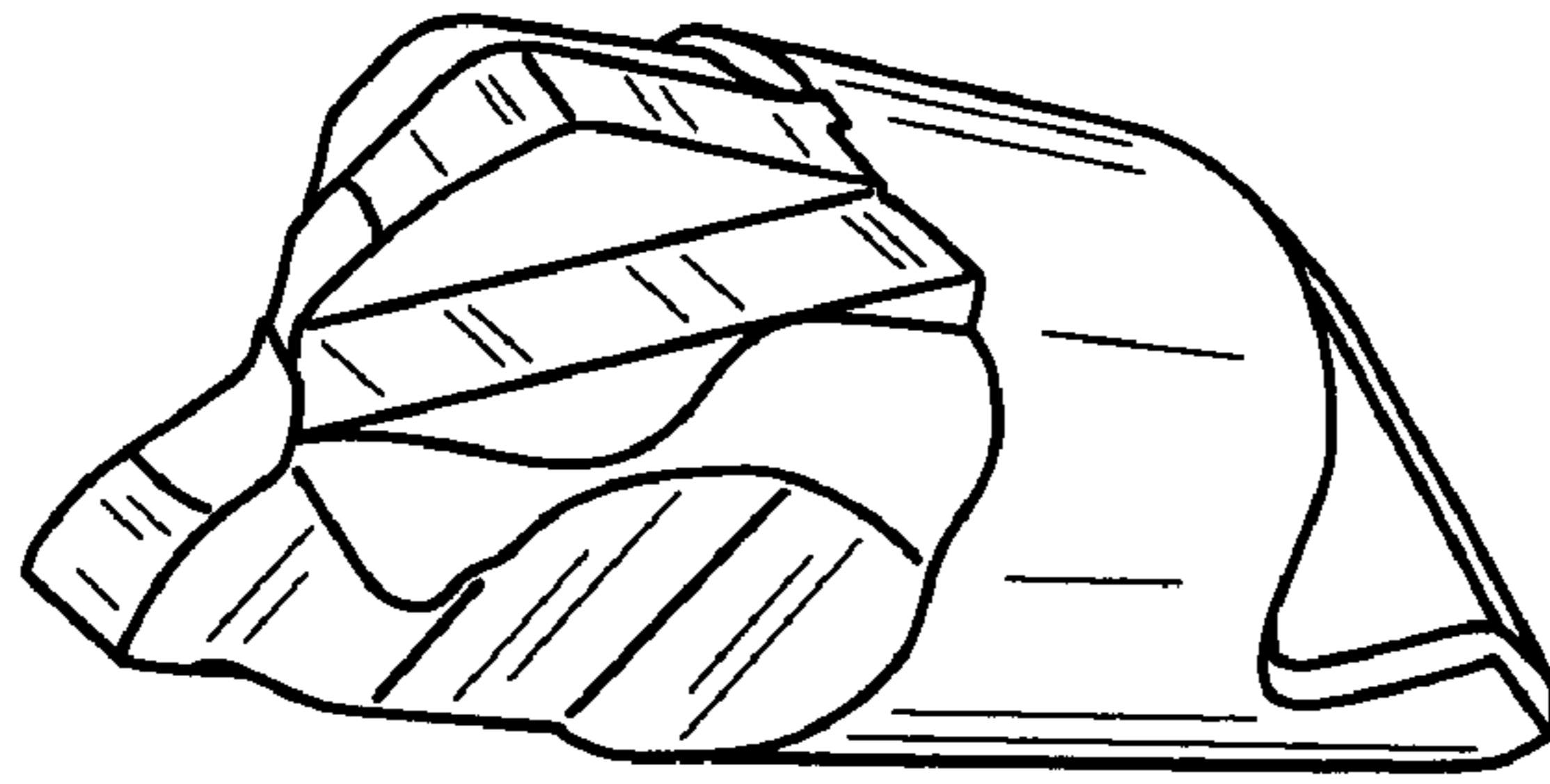


FIG. 1

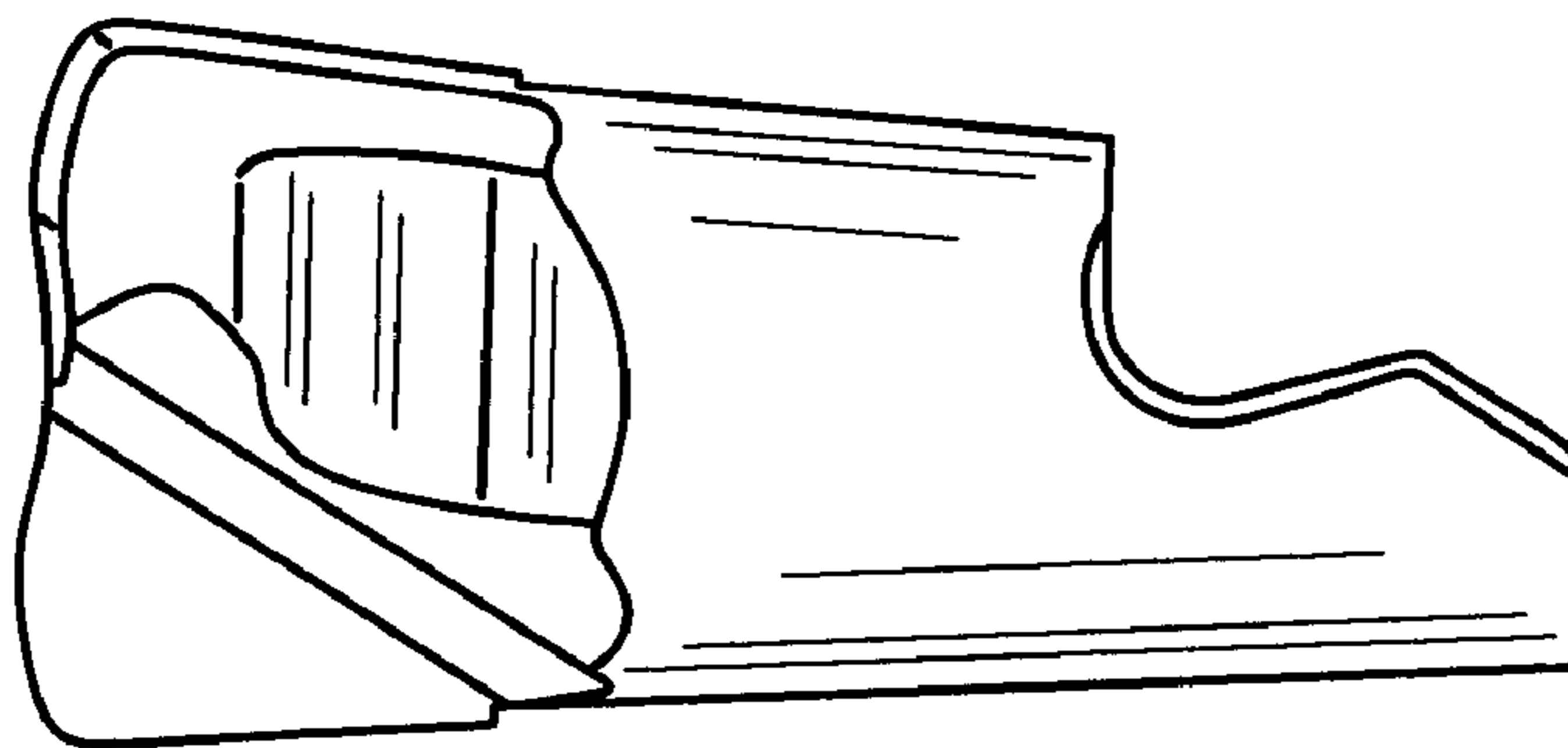


FIG. 2

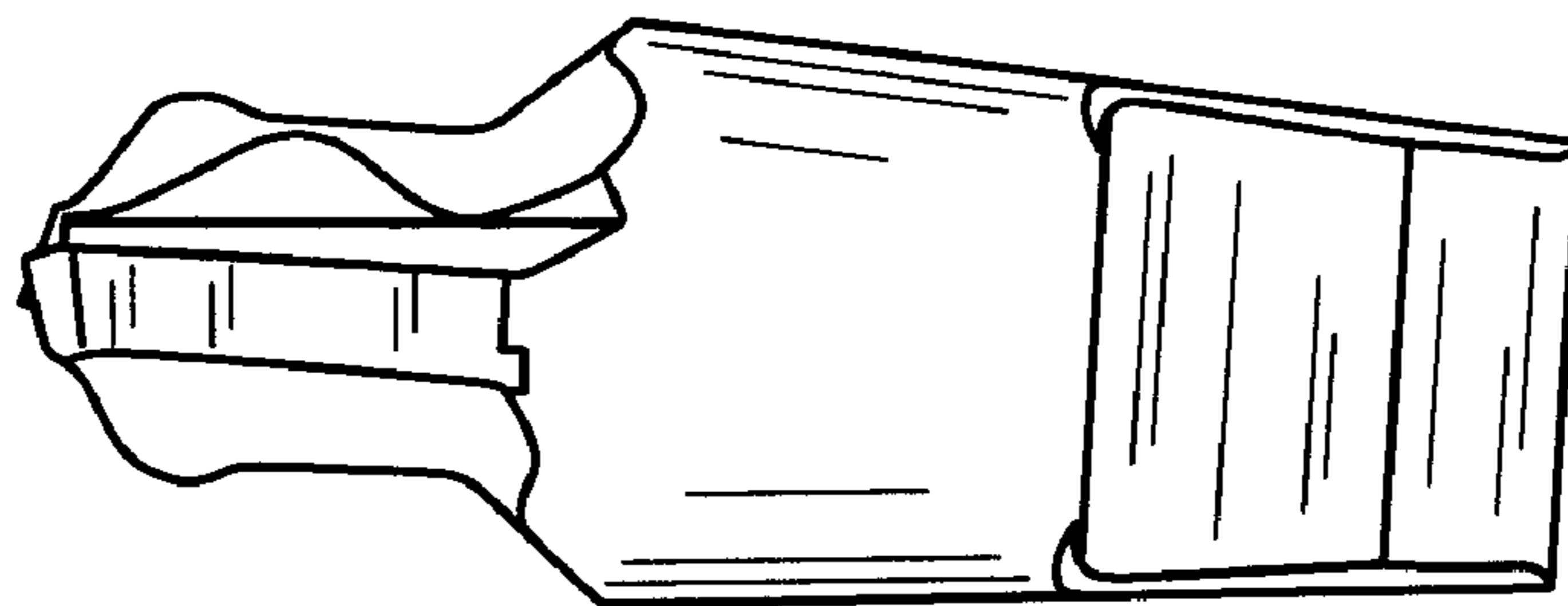


FIG. 3

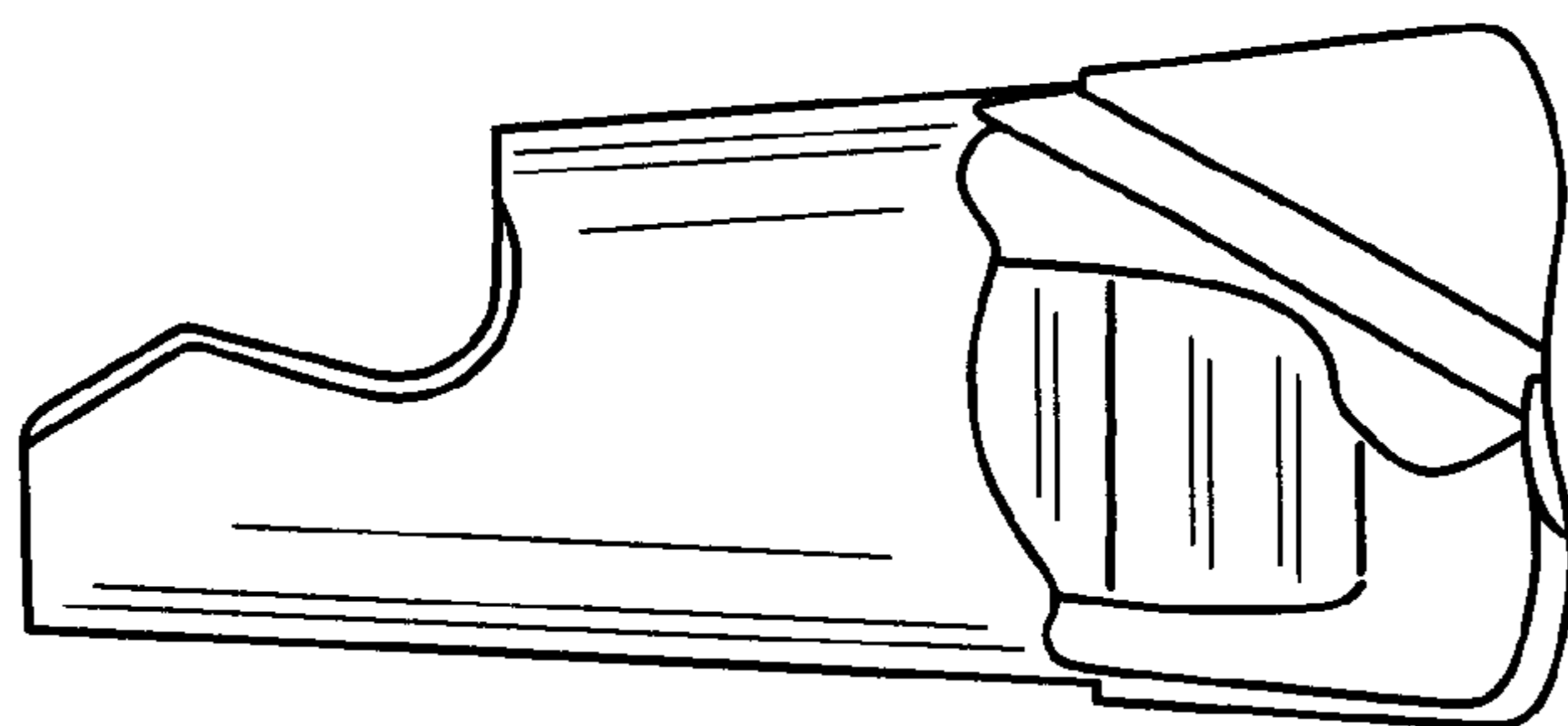


FIG. 4

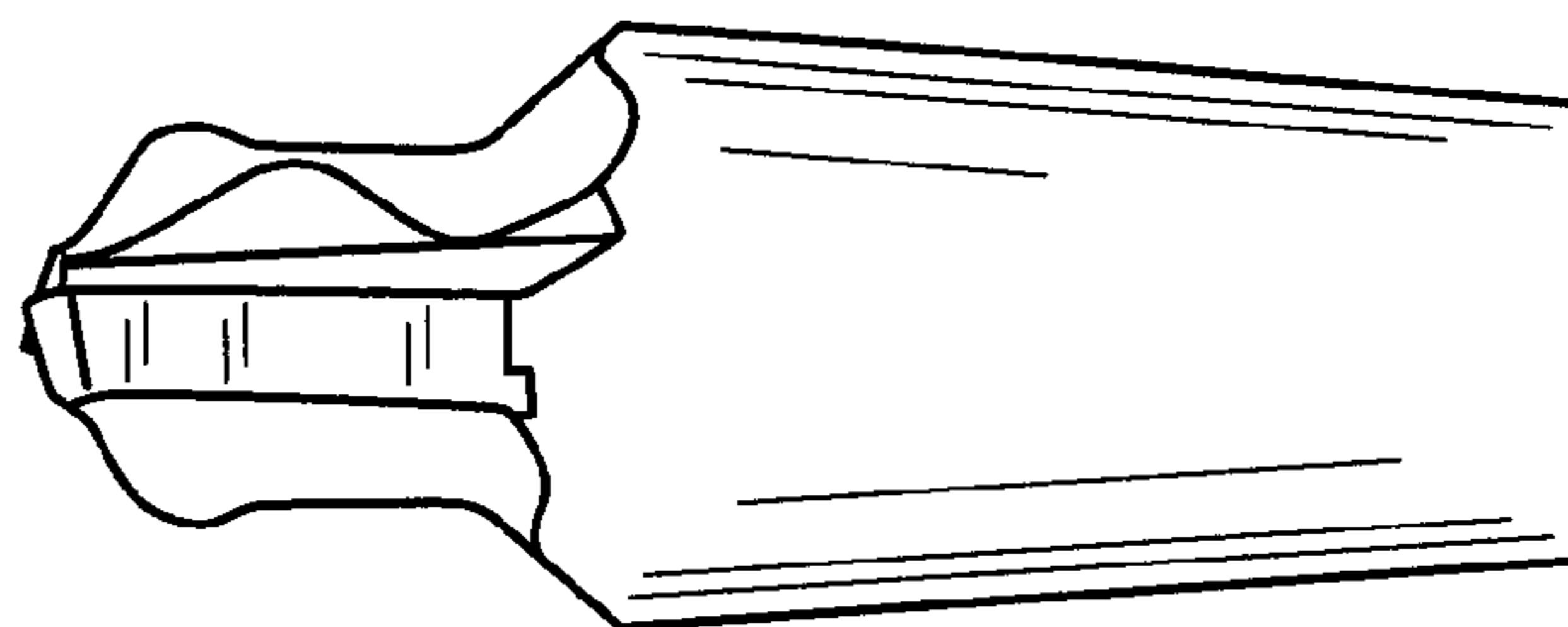


FIG. 5

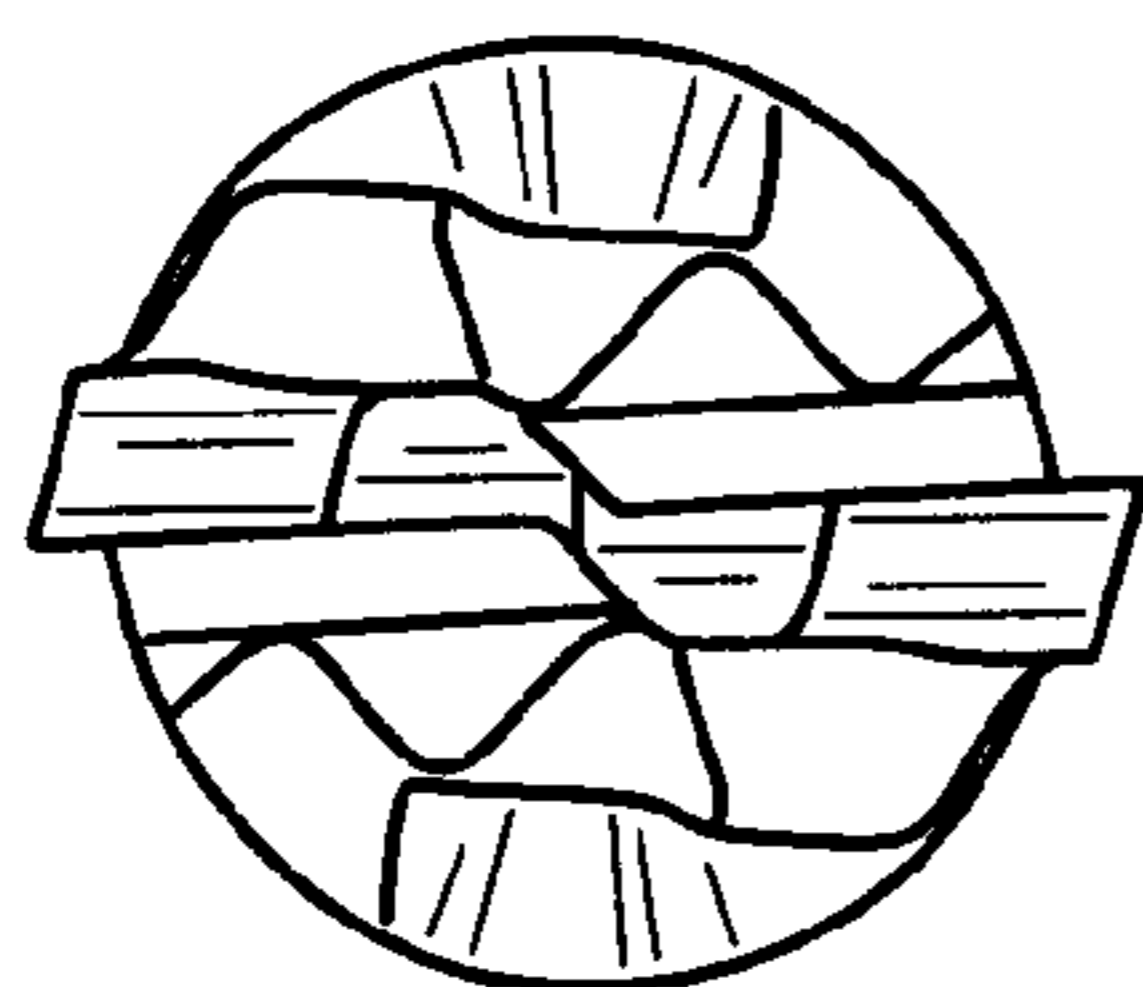


FIG. 6

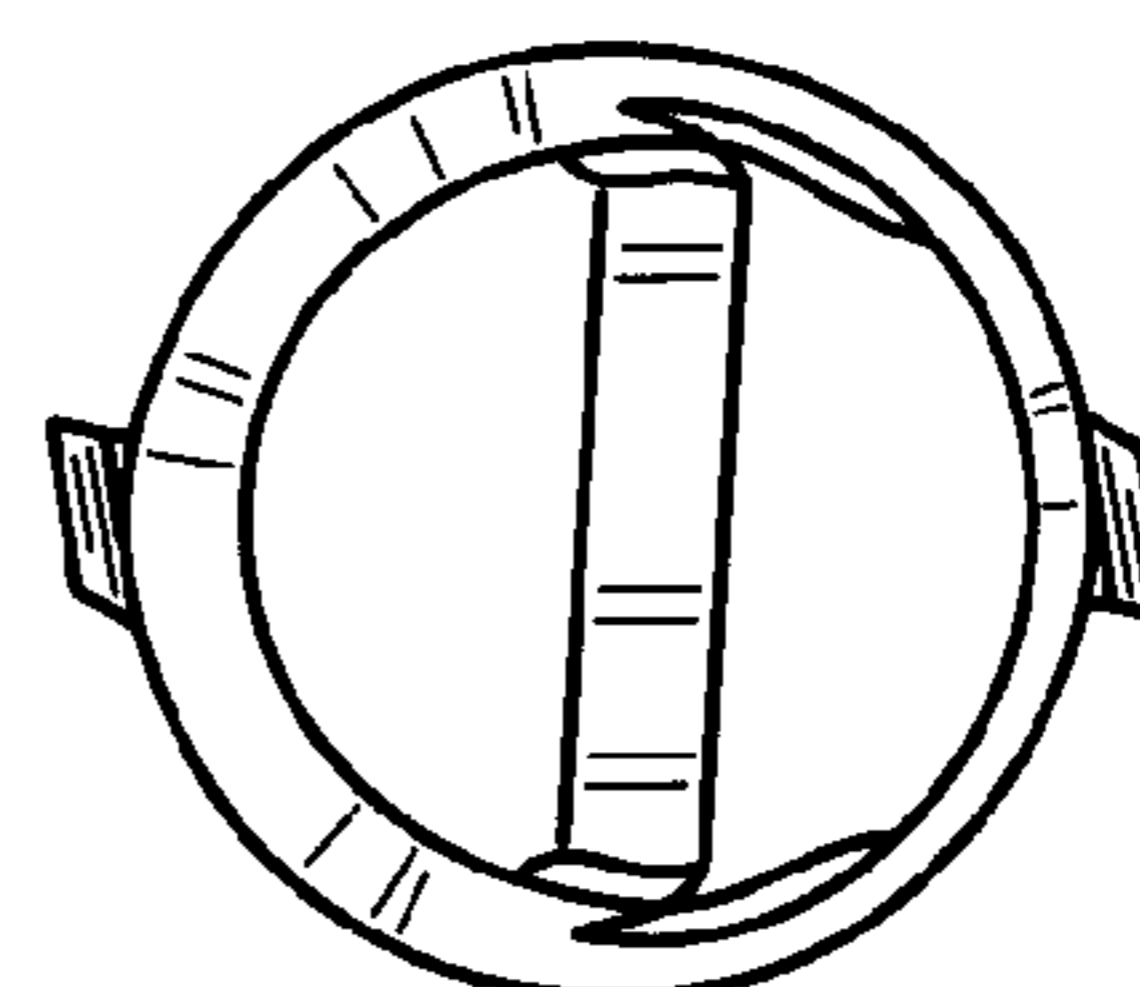


FIG. 7