

US00D504802S

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

(10) **Patent No.: US D504,802 S**
(45) **Date of Patent: ** May 10, 2005**

(54) **HACK SAW FRAME**

D477,981 S * 8/2003 Snider D8/96
D486,372 S * 2/2004 Chen D8/96

(75) Inventors: **Marcus Heneen**, Stockholm (SE);
Oskar Juhlin, Gustavsberg (SE)

(73) Assignee: **Kapman AB**, Sandviken (SE)

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

(21) Appl. No.: **29/194,845**

(22) Filed: **Dec. 3, 2003**

(30) **Foreign Application Priority Data**

Jul. 7, 2003 (EM) 50422

(51) **LOC (7) Cl.** **03-01**

(52) **U.S. Cl.** **D8/96**

(58) **Field of Search** D8/95, 96, 97,
D8/98; 30/506, 507, 509, 513, 514, 515,
517, 519

(56) **References Cited**

U.S. PATENT DOCUMENTS

D245,754 S * 9/1977 Breger D8/96
4,592,145 A * 6/1986 Egan et al. 30/507
D318,006 S * 7/1991 Wanner et al. D8/96
5,388,333 A * 2/1995 Chen 30/508
D409,892 S * 5/1999 Juhlin D8/96
D472,445 S * 4/2003 Juhlin et al. D8/96
D477,519 S * 7/2003 Seloron D8/96

OTHER PUBLICATIONS

Ran Industrial Supply catalog, 2002, p. 843, Hacksaws,
found on Google Catalogs Search engine.*

* cited by examiner

Primary Examiner—Philip S. Hyder

(74) *Attorney, Agent, or Firm*—Burns, Doane, Swecker &
Mathis, L.L.P.

(57) **CLAIM**

The ornamental design for a hack saw frame, as shown and
described.

DESCRIPTION

FIG. 1 is a perspective view of a hack saw frame showing
our new design.

FIG. 2 is a left side elevational view thereof.

FIG. 3 is a right side elevational view thereof.

FIG. 4 is a top plan view thereof.

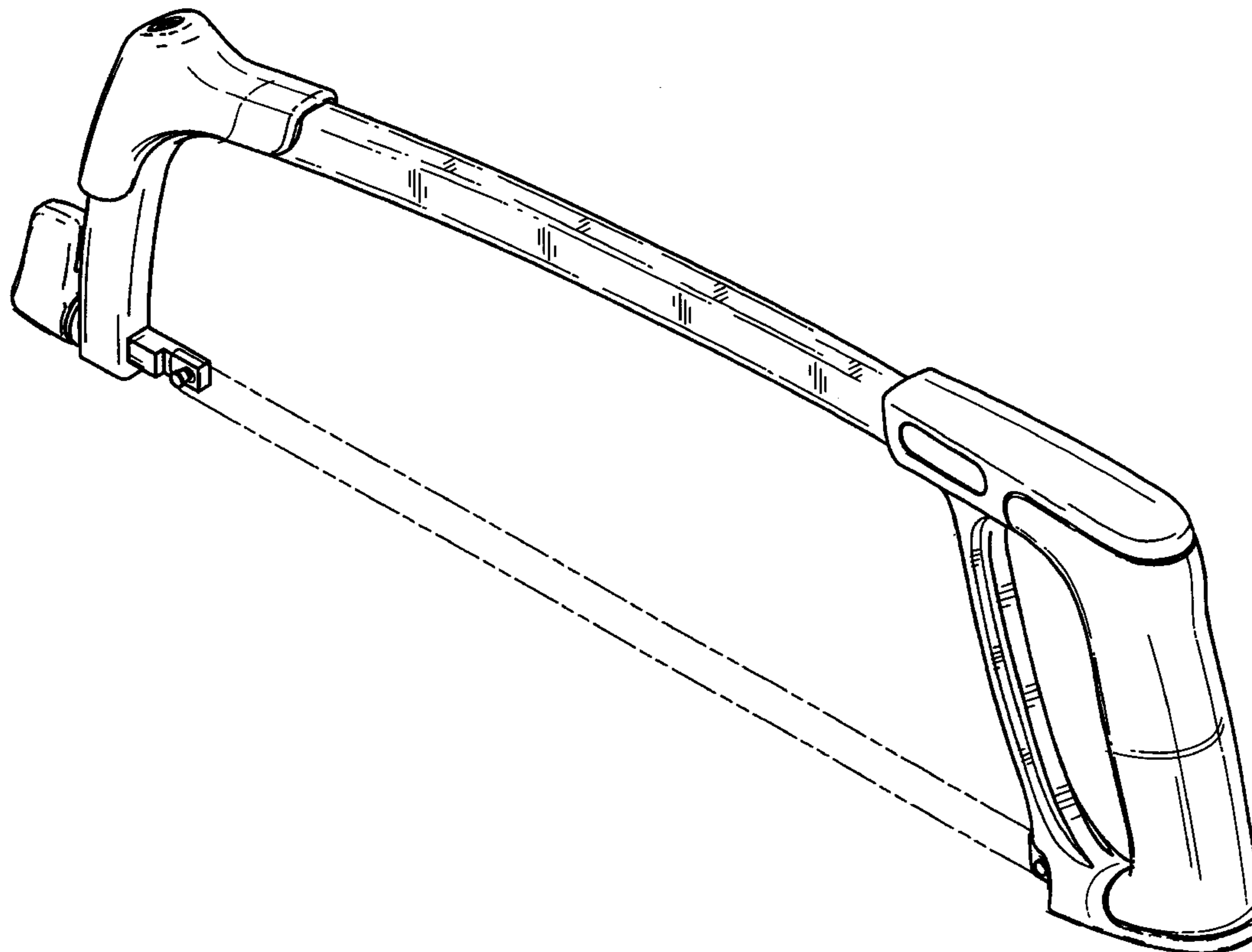
FIG. 5 is a bottom plan view thereof.

FIG. 6 is a rear elevational view thereof; and,

FIG. 7 is a front elevational view thereof.

The broken line drawing of a hack saw blade in FIGS. 1–3
and 5 is for illustrative purposes only and forms no part of
the claimed design.

1 Claim, 5 Drawing Sheets



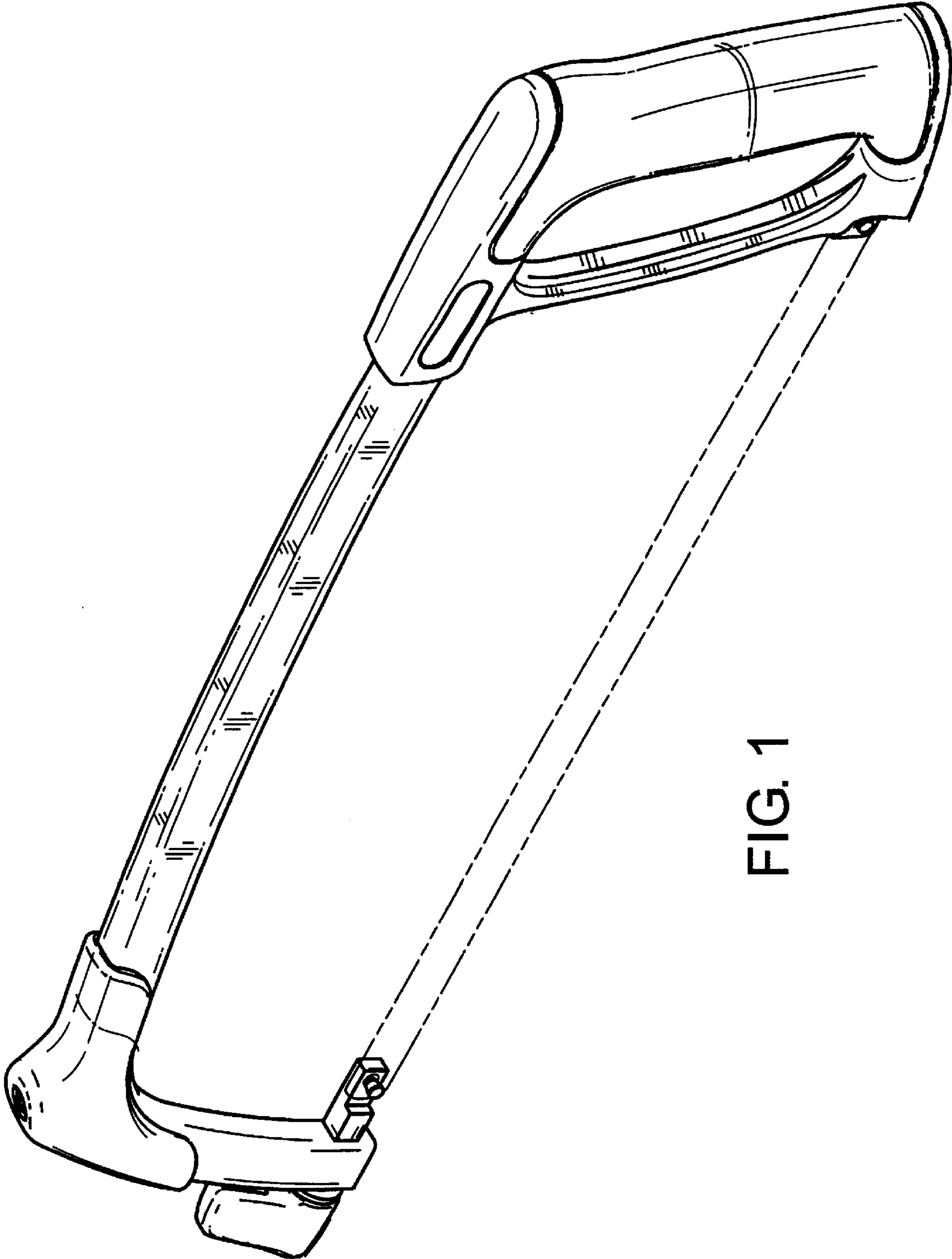


FIG. 1

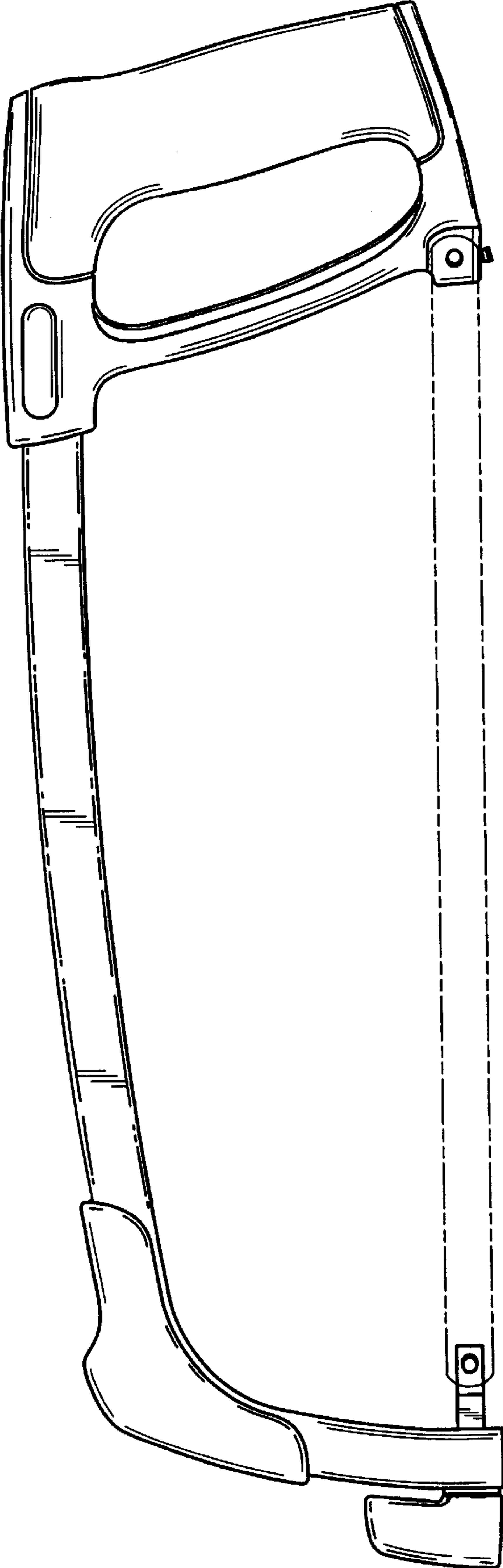


FIG. 2

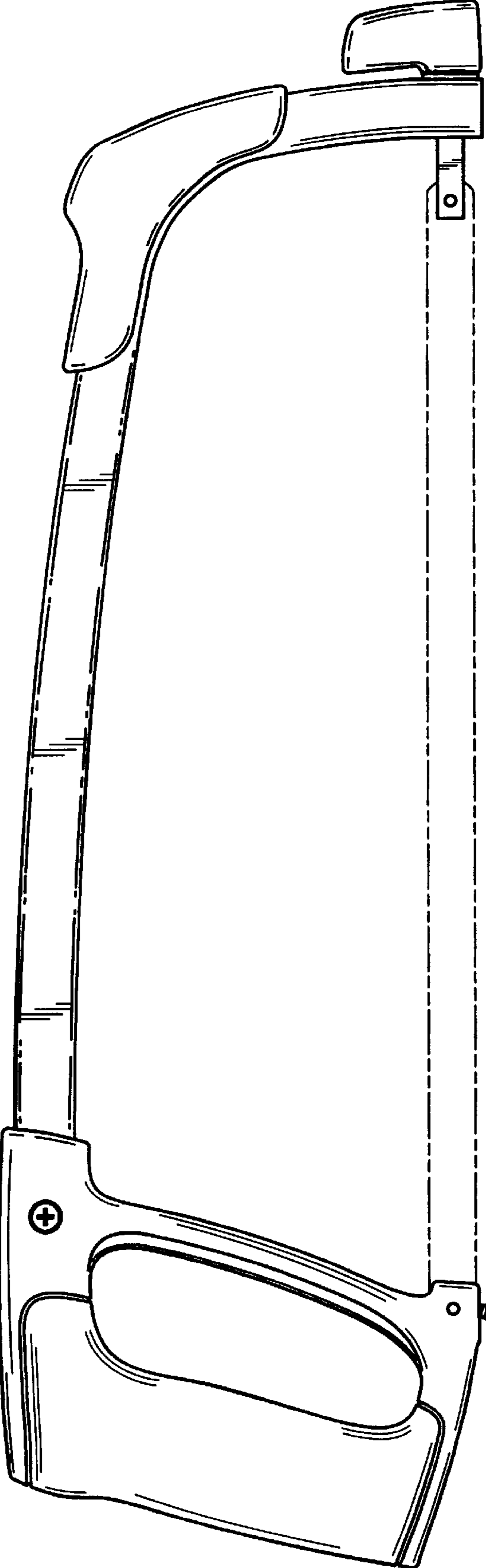


FIG. 3

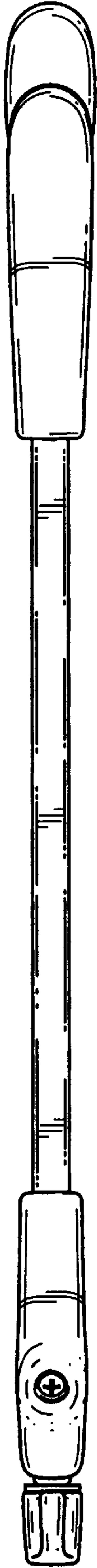


FIG. 4

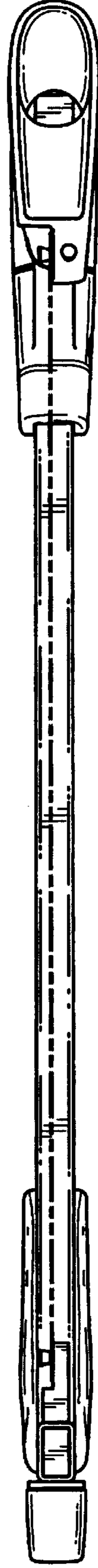


FIG. 5

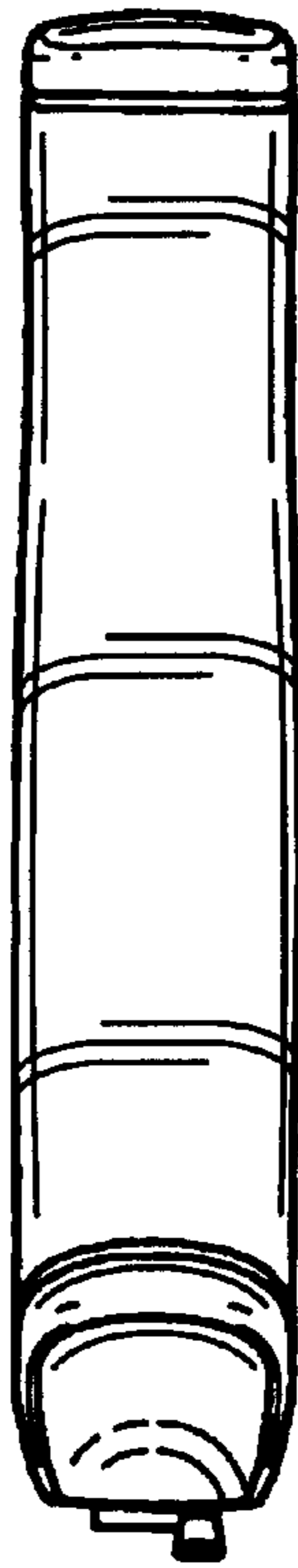


FIG. 6

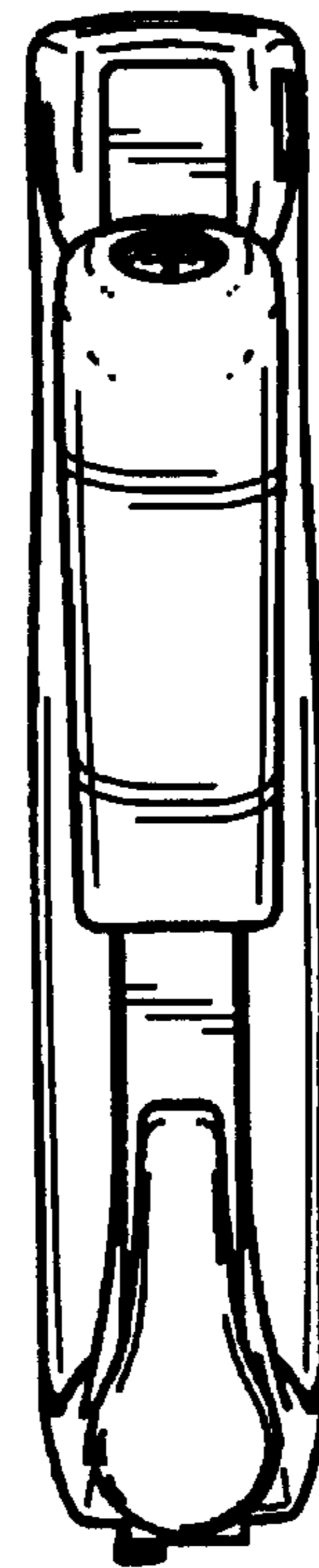


FIG. 7