



US00D498711S

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

(10) **Patent No.:** **US D498,711 S**

(45) **Date of Patent:** **\*\* Nov. 23, 2004**

(54) **BICYCLE CRANK**

D446,169 S \* 8/2001 Masui ..... D12/123

(75) Inventors: **Douglas Chiang**, Taichung Hsien (TW);  
**David Michael Anthony**, Taichung  
Hsien (TW)

\* cited by examiner

*Primary Examiner*—Robin V. Taylor

*Assistant Examiner*—Linda Brooks

(73) Assignee: **Tien Hsin Industries Co., Ltd.**,  
Taichung Hsien (TW)

(74) *Attorney, Agent, or Firm*—Alan D. Kamrath; Nikolai  
& Mersereau, P.A.

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

(57) **CLAIM**

The ornamental design for a bicycle crank, as shown and  
described.

(21) Appl. No.: **29/185,622**

(22) Filed: **Jun. 30, 2003**

**DESCRIPTION**

(51) **LOC (7) Cl.** ..... **12-11**

FIG. 1 is a front elevational view of a bicycle crank showing  
my design;

(52) **U.S. Cl.** ..... **D12/123**

FIG. 2 is a rear elevational view thereof;

(58) **Field of Search** ..... D12/123; 74/594.1-594.4;

FIG. 3 is a left side elevational view thereof;

280/259; 474/152, 160

FIG. 4 is a right side elevational view thereof;

FIG. 5 is a top plan view thereof;

FIG. 6 is a bottom plan view thereof; and,

FIG. 7 is a perspective view thereof.

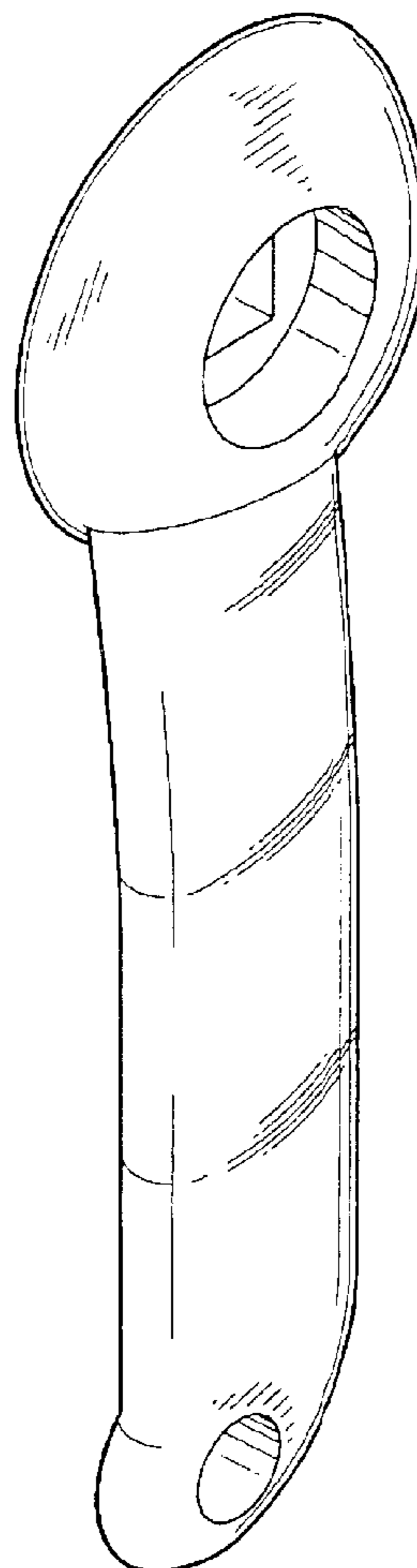
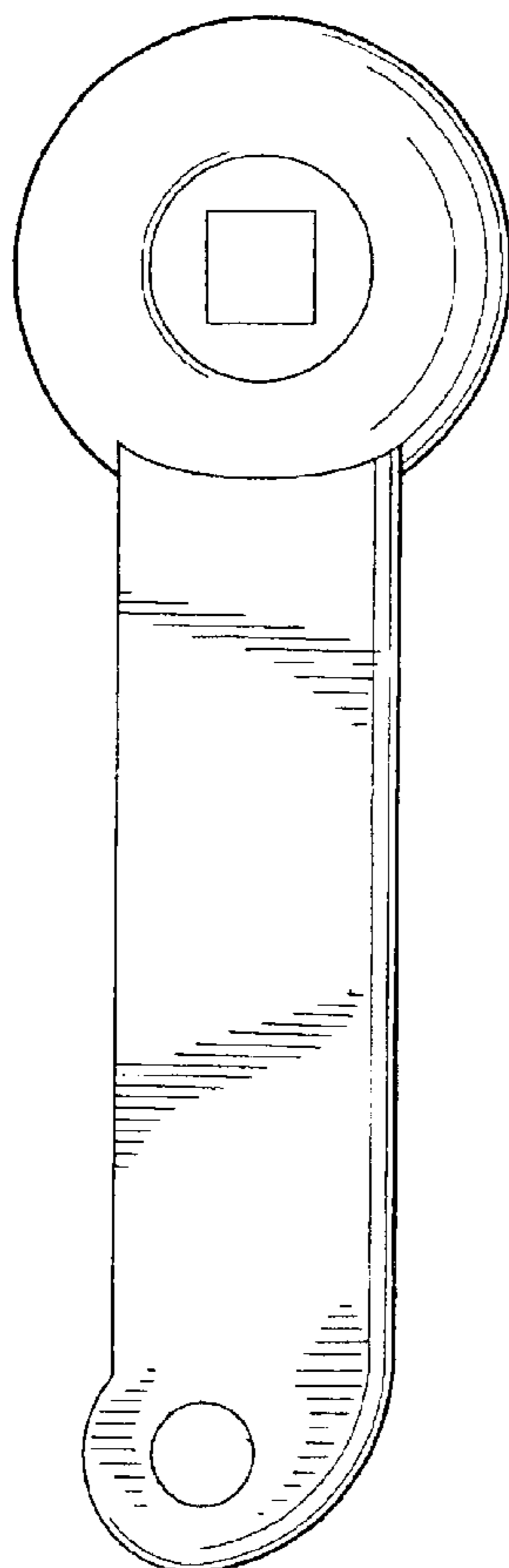
(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D319,808 S \* 9/1991 Cook ..... D12/123

D401,539 S \* 11/1998 Humphries et al. .... D12/123

**1 Claim, 4 Drawing Sheets**



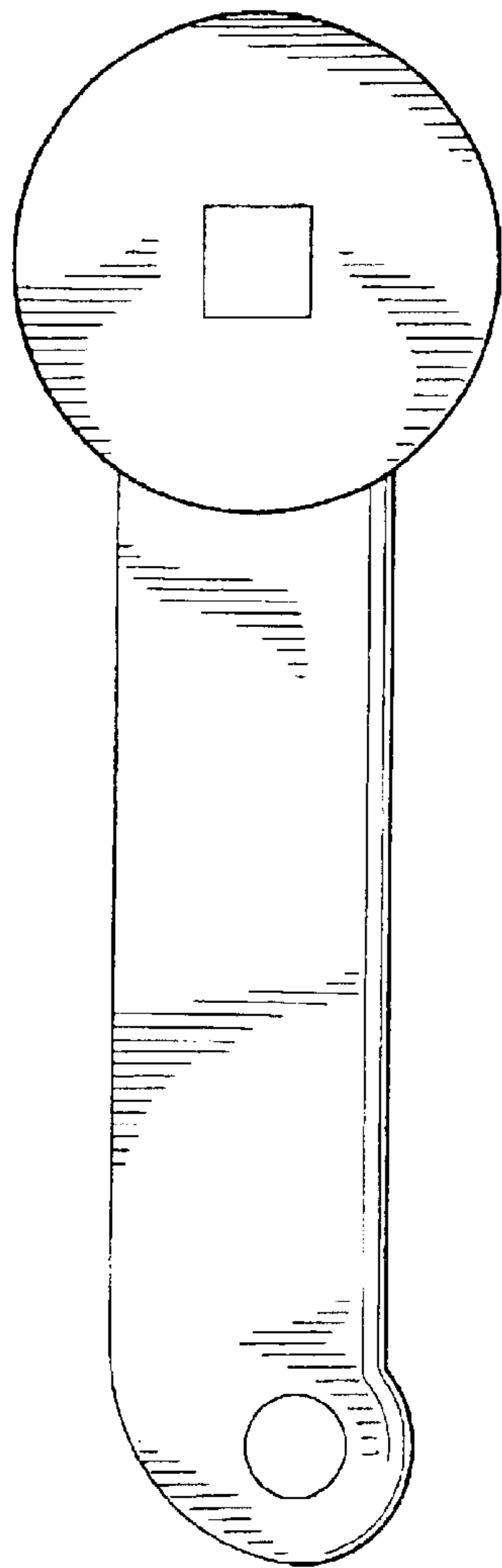


FIG. 2

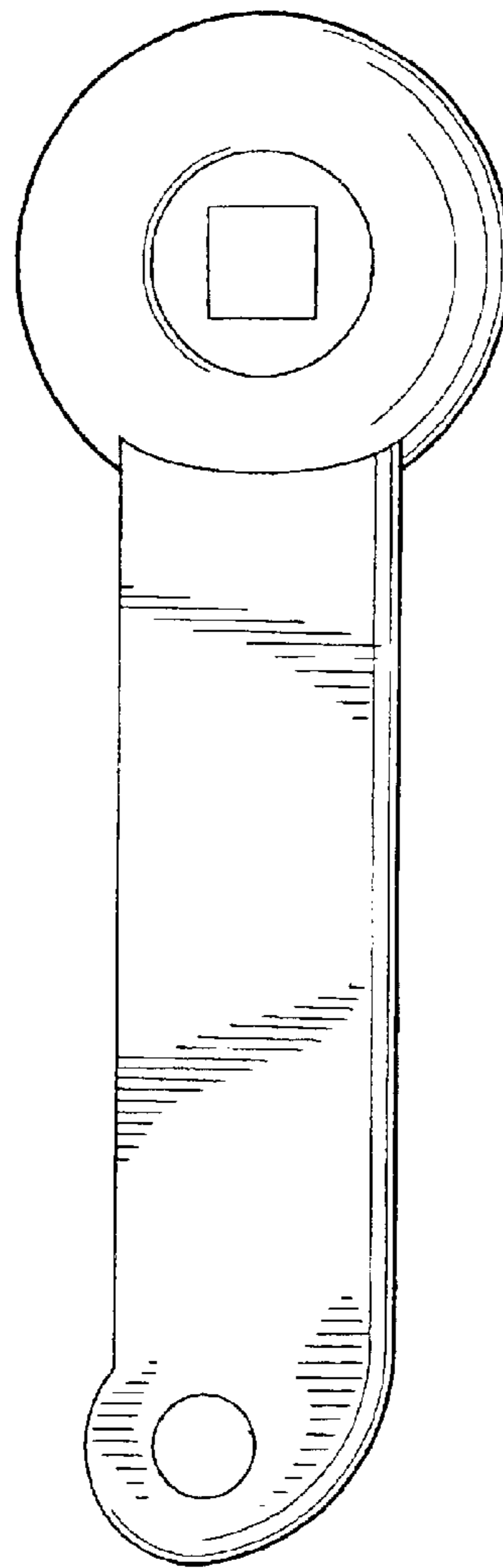


FIG. 1



FIG. 3

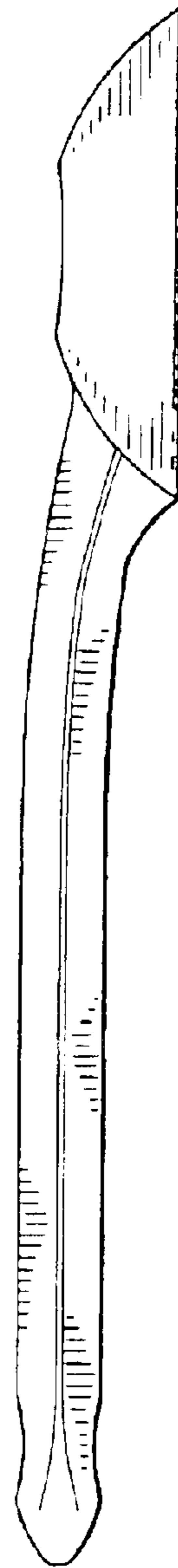


FIG. 4

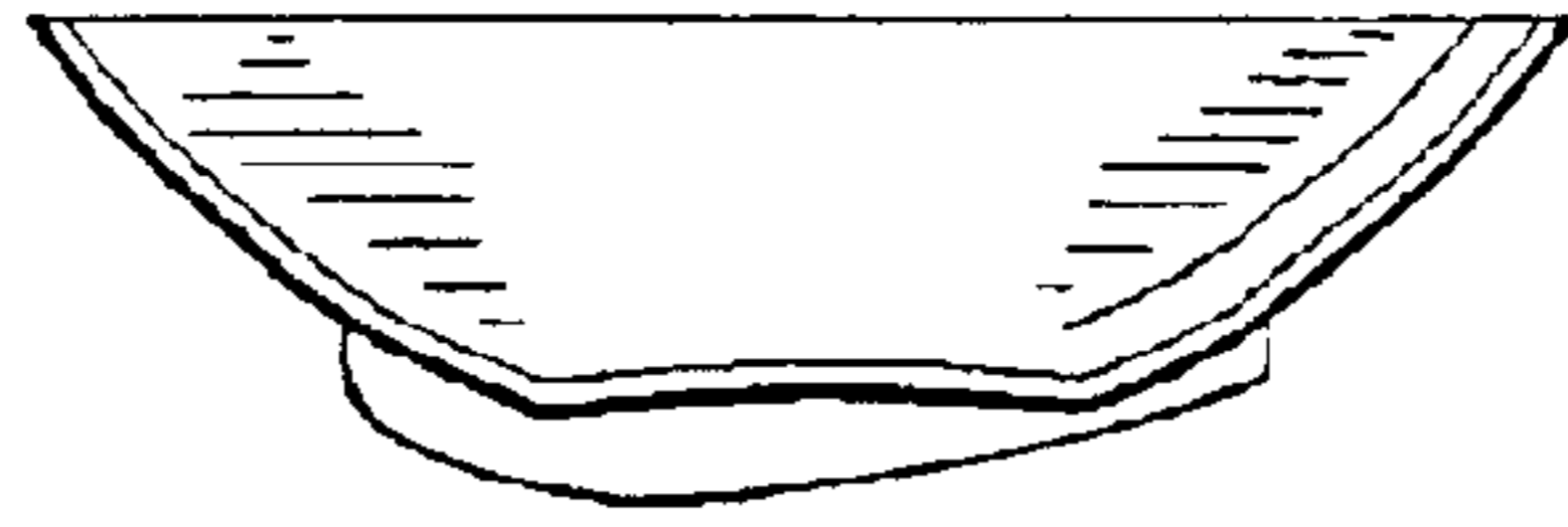


FIG. 5

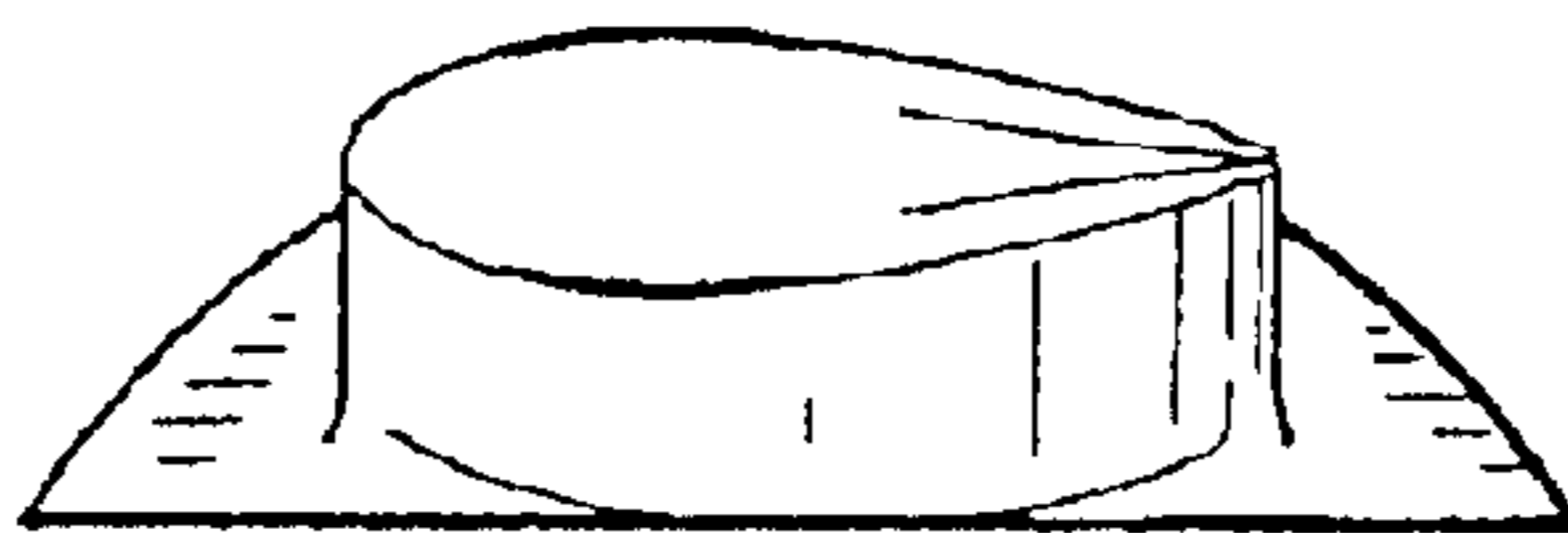


FIG. 6

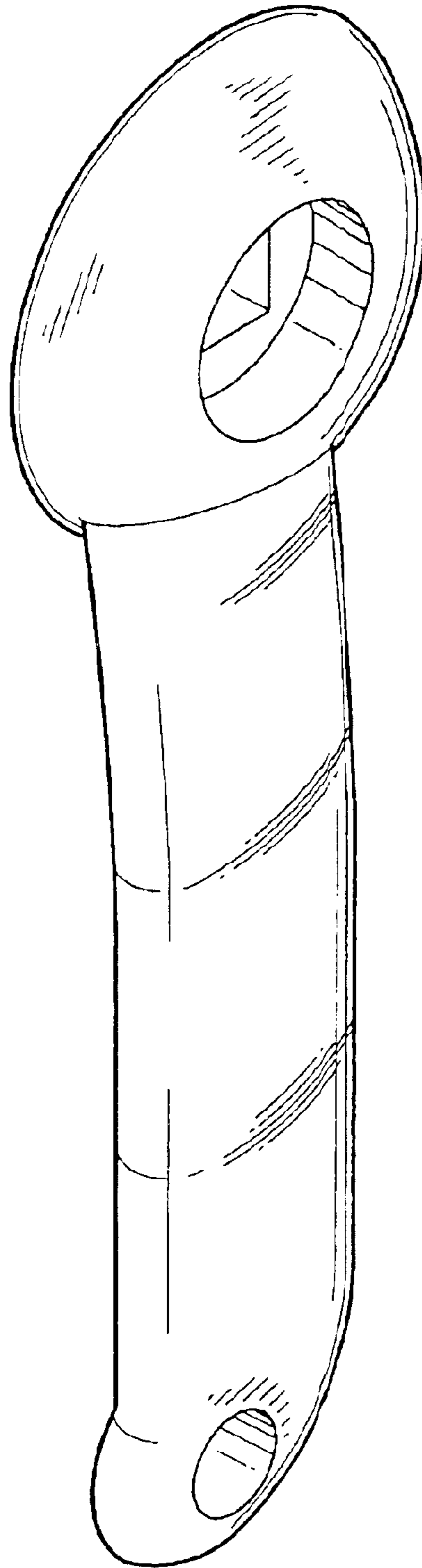


FIG. 7