



US00D529937S

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

(10) **Patent No.:** **US D529,937 S**

(45) **Date of Patent:** **\*\* Oct. 10, 2006**

(54) **HEAVY DUTY ROOF DRILL BIT**

(75) Inventor: **William J. Brady**, Creve Coeur, MO (US)

(73) Assignee: **The William J. Brady Loving Trust**, Creve Coeur, MO (US)

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

(21) Appl. No.: **29/222,641**

(22) Filed: **Feb. 1, 2005**

**Related U.S. Application Data**

(63) Continuation-in-part of application No. 29/204,230, filed on Apr. 27, 2004, now Pat. No. Des. 516,104.

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

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

(58) **Field of Classification Search** ..... D15/139;  
175/377, 388, 339, 393, 420.1, 429, 430;  
299/79.1

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

3,163,246 A 12/1964 Vagins et al.  
5,180,022 A \* 1/1993 Brady ..... 175/430

D340,248 S 10/1993 Brady  
D351,174 S 10/1994 Brady  
5,429,199 A 7/1995 Sheirer et al.  
6,044,920 A 4/2000 Massa et al.  
D424,579 S 5/2000 Brady  
D430,578 S 9/2000 Brady  
D514,131 S \* 1/2006 Brady ..... D15/139

\* cited by examiner

*Primary Examiner*—Antoine D. Davis  
*Assistant Examiner*—Patricia Palasik

(57) **CLAIM**

The ornamental design for a heavy duty roof drill bit, as shown and described.

**DESCRIPTION**

FIG. 1 is a side elevational view of a heavy duty roof drill bit embodying the invention, the opposite side being a mirror image;

FIG. 2 is a top plan view of the heavy duty roof drill bit of FIG. 1;

FIG. 3 is a bottom view thereof;

FIG. 4 is another side elevational view of the roof drill bit, as rotated 90° from the FIG. 1, and the opposite side being a mirror image; and

FIG. 5 is a perspective view of the roof drill bit.

**1 Claim, 1 Drawing Sheet**

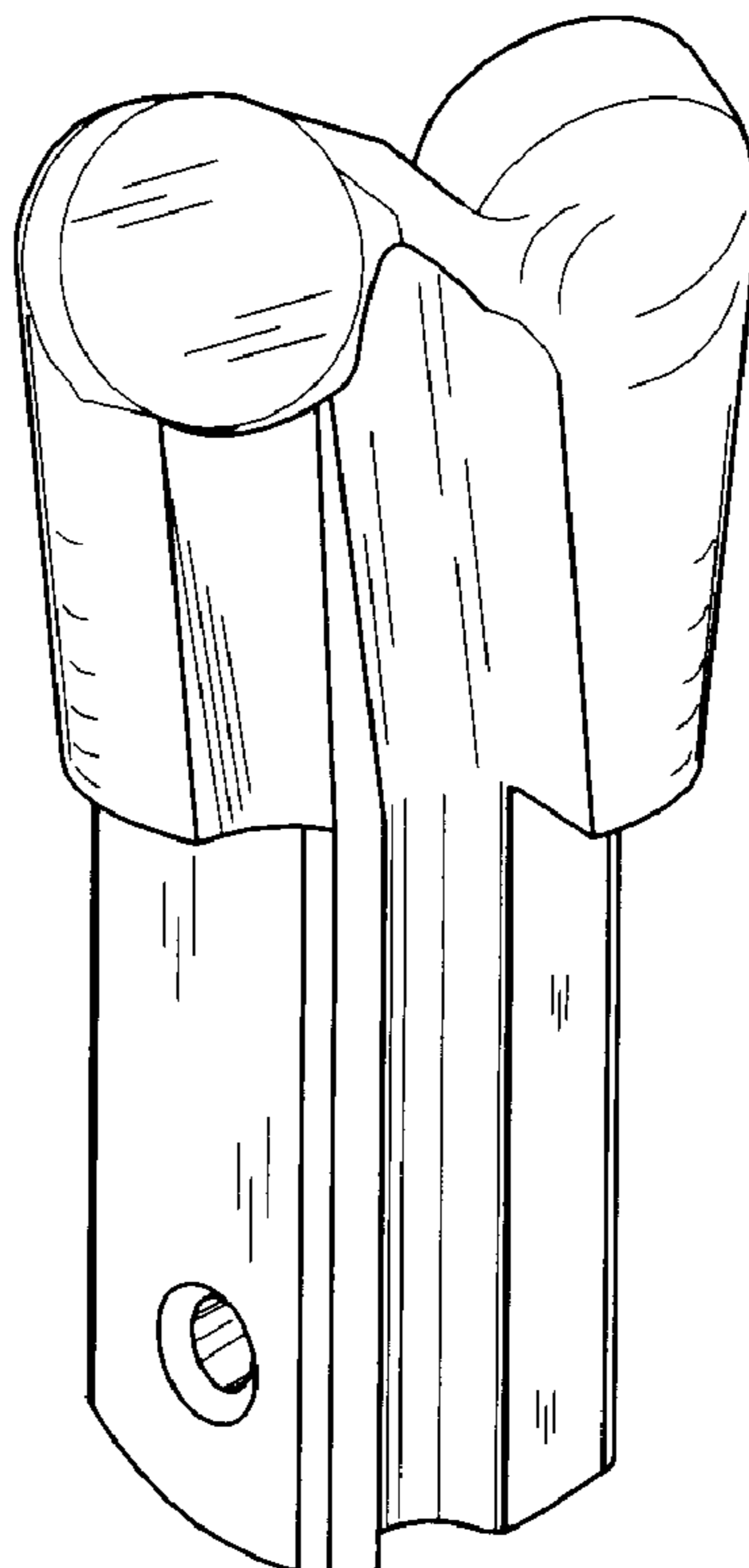


FIG. 1

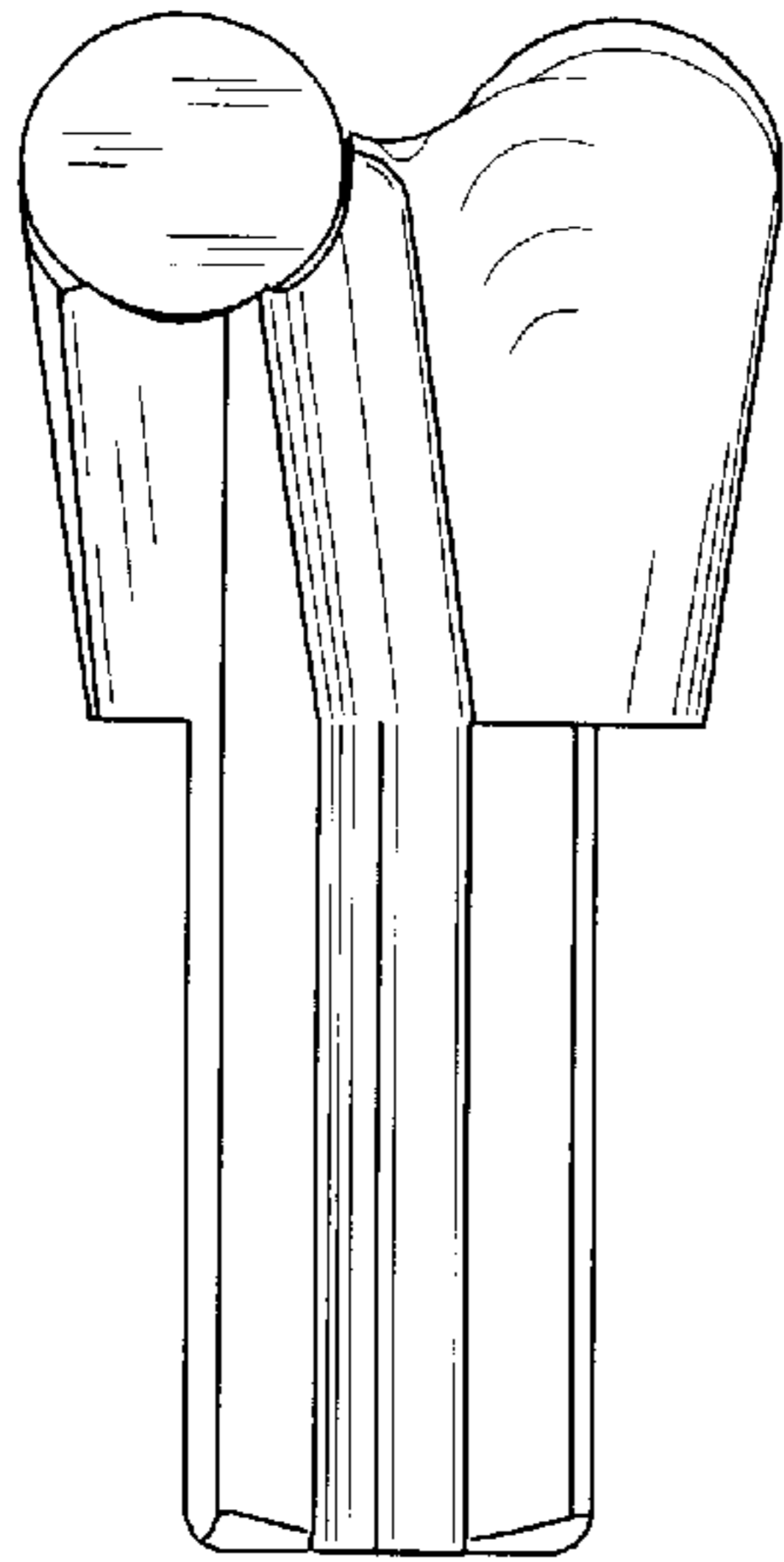


FIG. 2

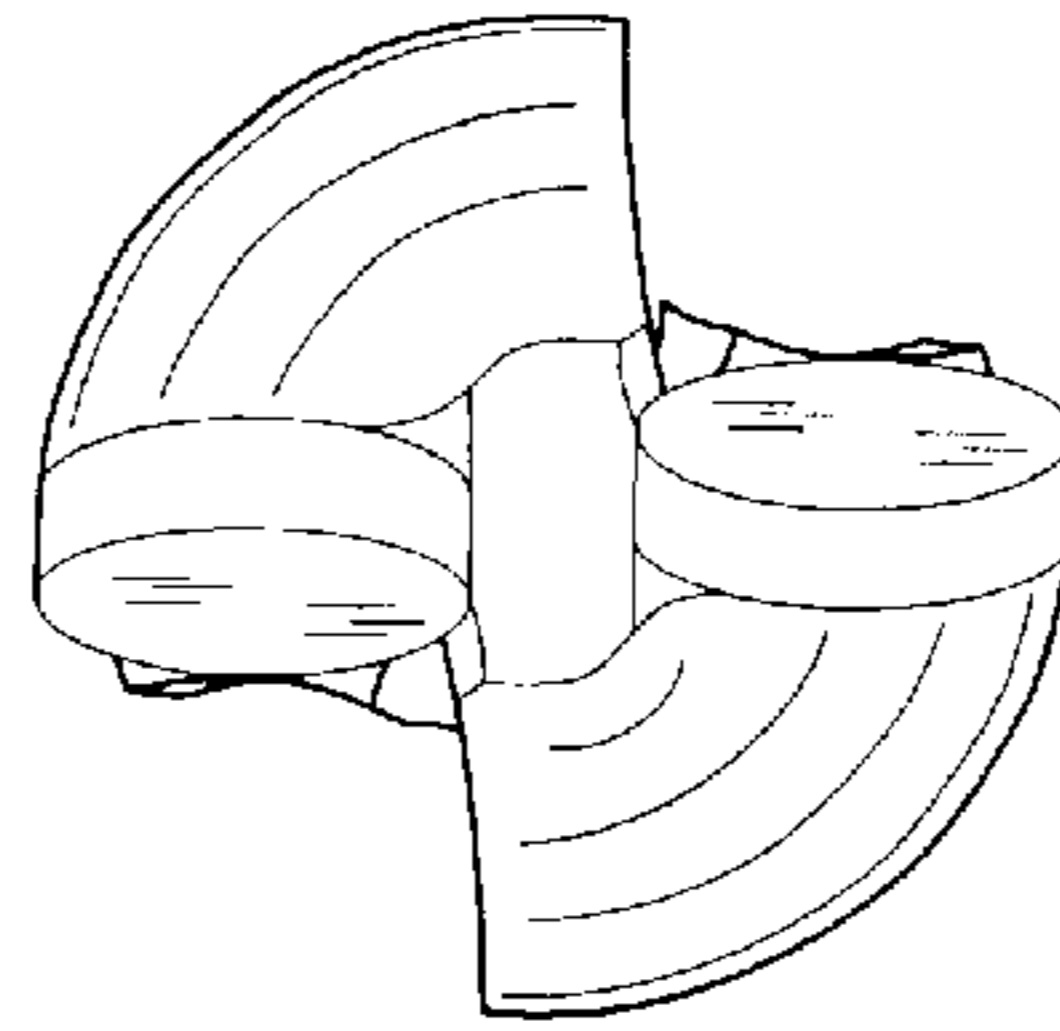


FIG. 4

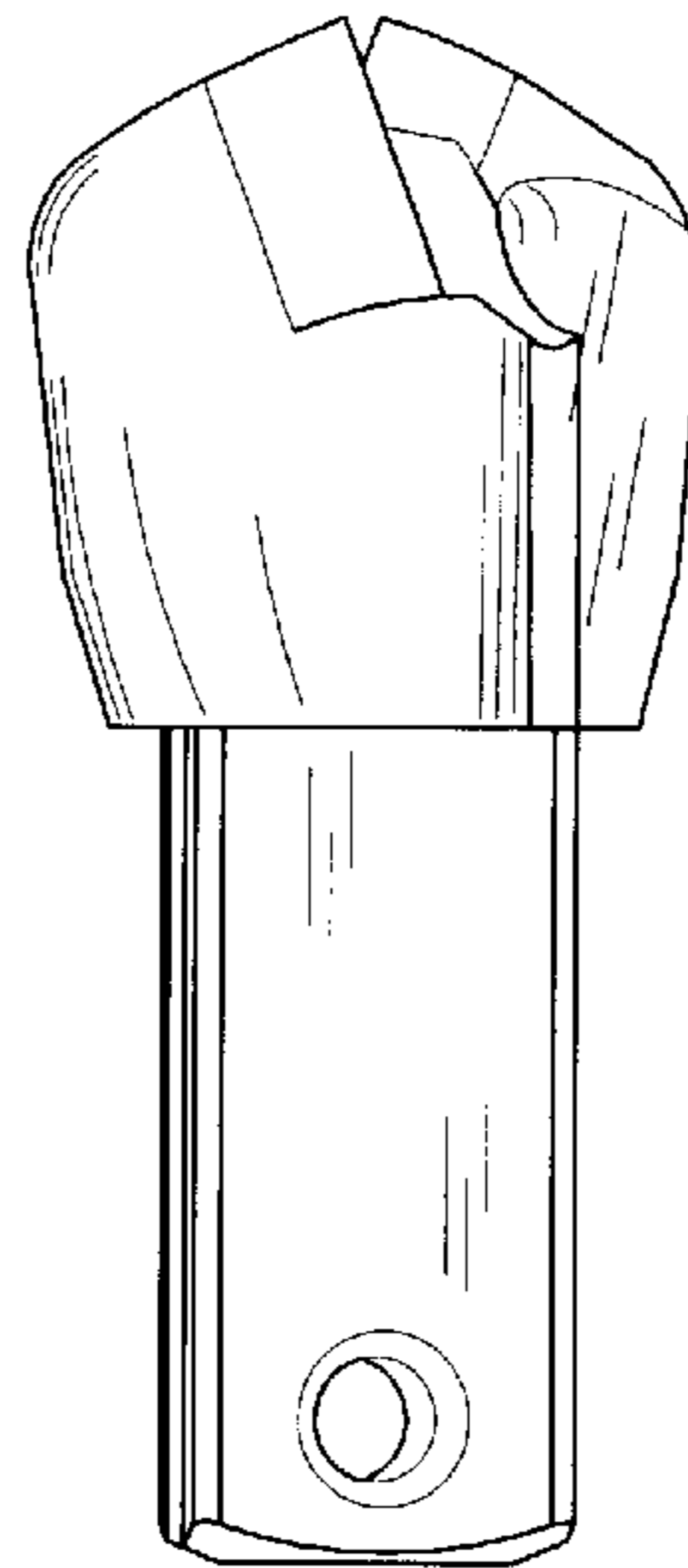


FIG. 3

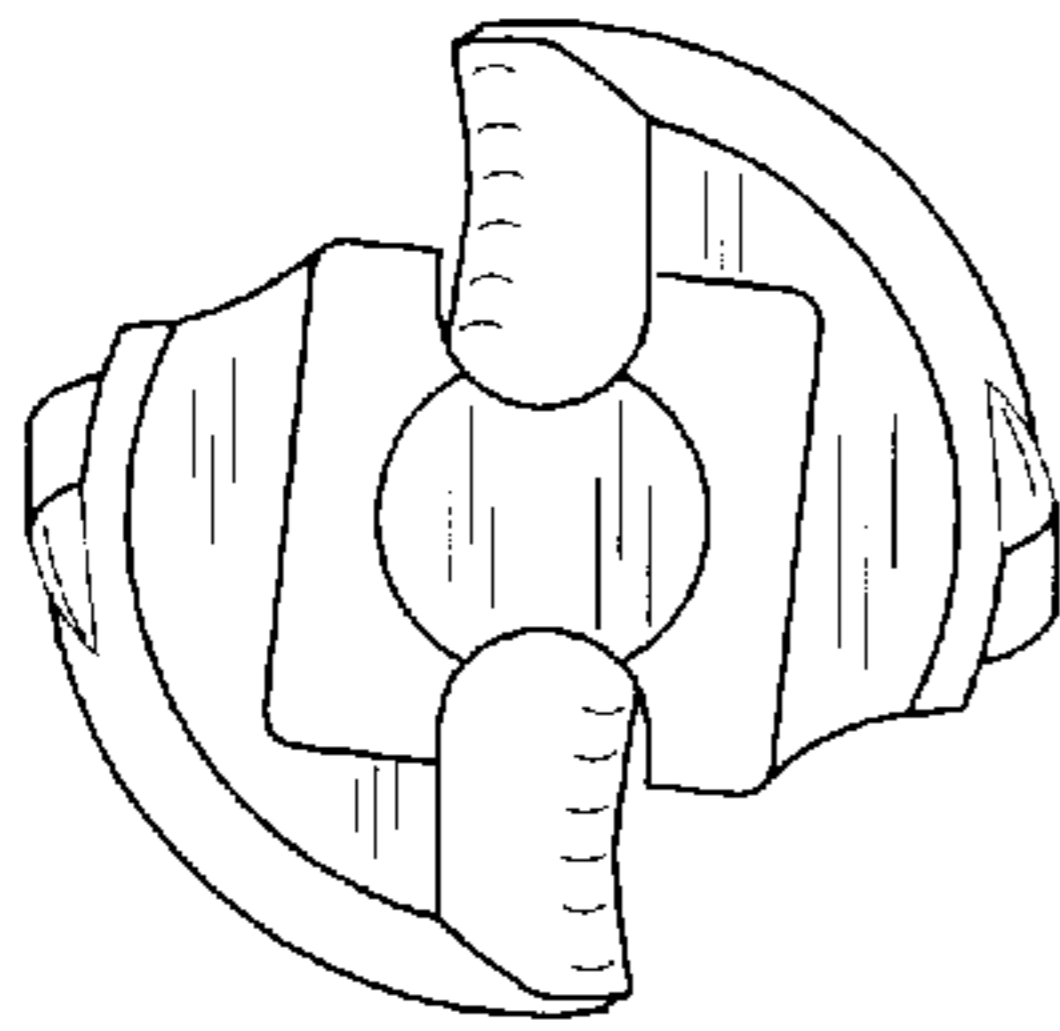


FIG. 5

