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

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(54) **TRIGGER FOR PLIERS**

988,656 A 4/1911 Peck  
1,106,518 A 8/1914 Matti  
1,508,510 A 9/1924 Edwards

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(Continued)

FOREIGN PATENT DOCUMENTS

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DE 871579 3/1953  
DE 29816558 11/1997

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

(Continued)

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OTHER PUBLICATIONS

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(51) **LOC (10) Cl.** ..... **08-05**

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

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USPC ..... **D8/51**

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(58) **Field of Classification Search**

(57) **CLAIM**

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156/367, 368, 579; 81/389, 409.5, 385,  
81/377, 370, 367, 366, 361, 365, 360, 356,  
81/355, 334, 337, 338, 325, 320, 322, 319,  
81/109, 91.1, 3.44, 138, 9.44, 423;  
211/71.01, 85.19; 248/146; D34/6;  
30/90.7, 250, 901.1, 90.6, 91.2, 287,  
30/293; 492/13; 15/230.11; 24/132 R;  
74/520; 7/131; 294/118; 301/124.2;  
280/281.1, 298, 293, 297

The ornamental design for a trigger for pliers, as shown and described.

See application file for complete search history.

**DESCRIPTION**

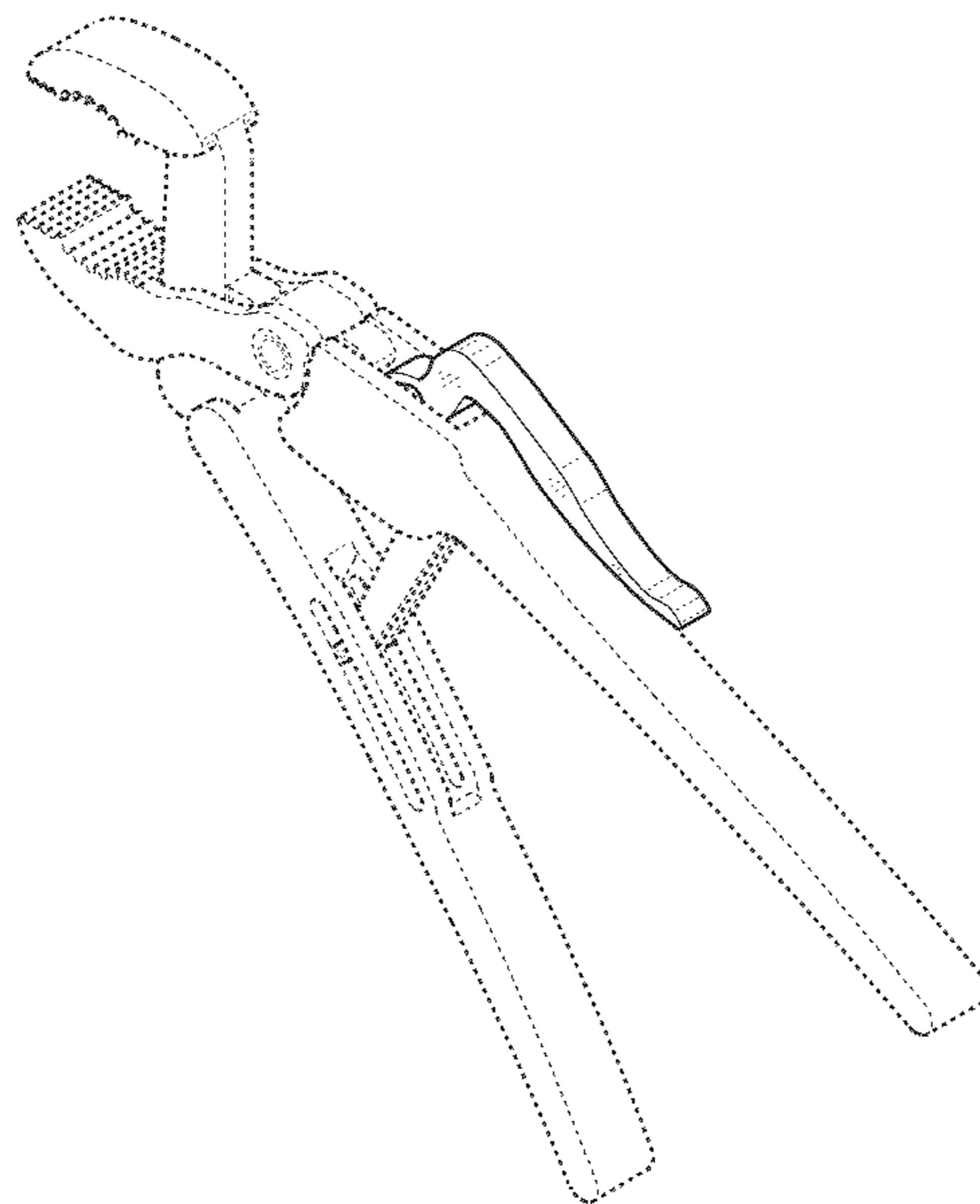
(56) **References Cited**

FIG. 1 is a perspective view of a trigger for pliers in accordance with the present invention;  
FIG. 2 is a side elevation of the trigger for pliers of FIG. 1;  
FIG. 3 is an opposite side elevation of the trigger for pliers of FIG. 1;  
FIG. 4 is an end elevation of the trigger for pliers of FIG. 1;  
FIG. 5 is an opposite end elevation of the trigger for pliers of FIG. 1;  
FIG. 6 is a top plan view of the trigger for pliers of FIG. 1; and,  
FIG. 7 is a bottom plan view of the trigger for pliers of FIG. 1.  
In the drawings, the broken lines in FIGS. 1-7 are for illustrative purposes only and form no part of the claim.

U.S. PATENT DOCUMENTS

389,666 A 9/1888 Reagan  
726,013 A 4/1903 Aue

**1 Claim, 7 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

1,534,218 A 4/1925 Jones  
 1,867,912 A 2/1931 Evey  
 2,312,425 A \* 3/1943 Lepiane ..... 81/356  
 2,370,733 A \* 3/1945 Jones ..... 30/90.7  
 2,378,909 A \* 6/1945 Bocchino ..... 81/320  
 2,386,328 A \* 10/1945 Rollings ..... 30/91.2  
 2,595,368 A 5/1952 Plautz  
 2,913,943 A 11/1959 Carlson et al.  
 2,970,377 A \* 2/1961 Olsen ..... 30/91.2  
 3,005,368 A \* 10/1961 Johnson ..... 81/409.5  
 3,142,212 A 7/1964 Grape  
 3,181,181 A \* 5/1965 Buckley et al. .... 7/131  
 3,222,958 A 12/1965 Houdesheldt  
 3,575,064 A 4/1971 Stevinson  
 3,657,949 A \* 4/1972 Myers ..... 81/370  
 3,862,776 A 1/1975 Sims et al.  
 4,893,530 A 1/1990 Warheit  
 5,660,089 A 8/1997 Chow  
 5,964,130 A 10/1999 Wang  
 6,026,716 A \* 2/2000 Orlosky ..... 81/360  
 6,065,376 A 5/2000 Khachatoorian  
 6,116,124 A 9/2000 Ping  
 D431,435 S 10/2000 McCalla et al.

6,155,142 A 12/2000 Bally et al.  
 7,313,989 B1 1/2008 Tortolani, Jr.  
 7,454,999 B2 \* 11/2008 Wu ..... 81/367  
 8,002,302 B1 \* 8/2011 Chen ..... 280/298  
 8,122,792 B2 \* 2/2012 Engvall et al. .... 81/367  
 2003/0070504 A1 \* 4/2003 Tsai ..... 74/520  
 2009/0056510 A1 3/2009 Buchanan et al.  
 2009/0178518 A1 7/2009 Duffy et al.  
 2012/0007332 A1 \* 1/2012 Coombs ..... 280/281.1

FOREIGN PATENT DOCUMENTS

GB	118585	0/1901
GB	844490	1/1958
GB	2072081	9/1981
JP	09001468	6/1995
JP	D1104866	3/2001
TW	M250769	2/1993
TW	301268	3/1997
TW	D134807	5/2010

OTHER PUBLICATIONS

Taiwan IPO Search Report dated Mar. 19, 2013 for Taiwan Design Patent Application No. 101303501.

\* cited by examiner

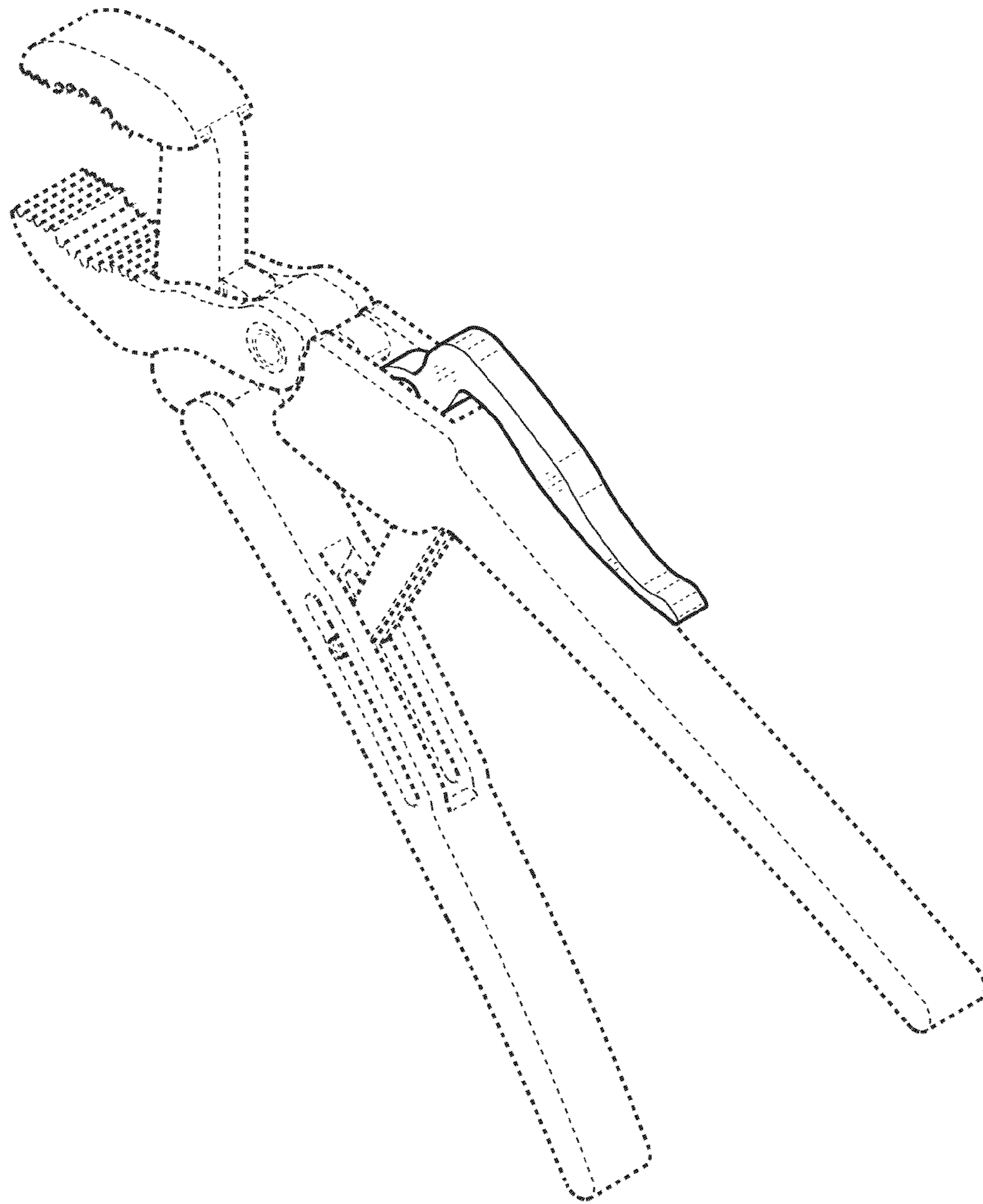


FIG. 1

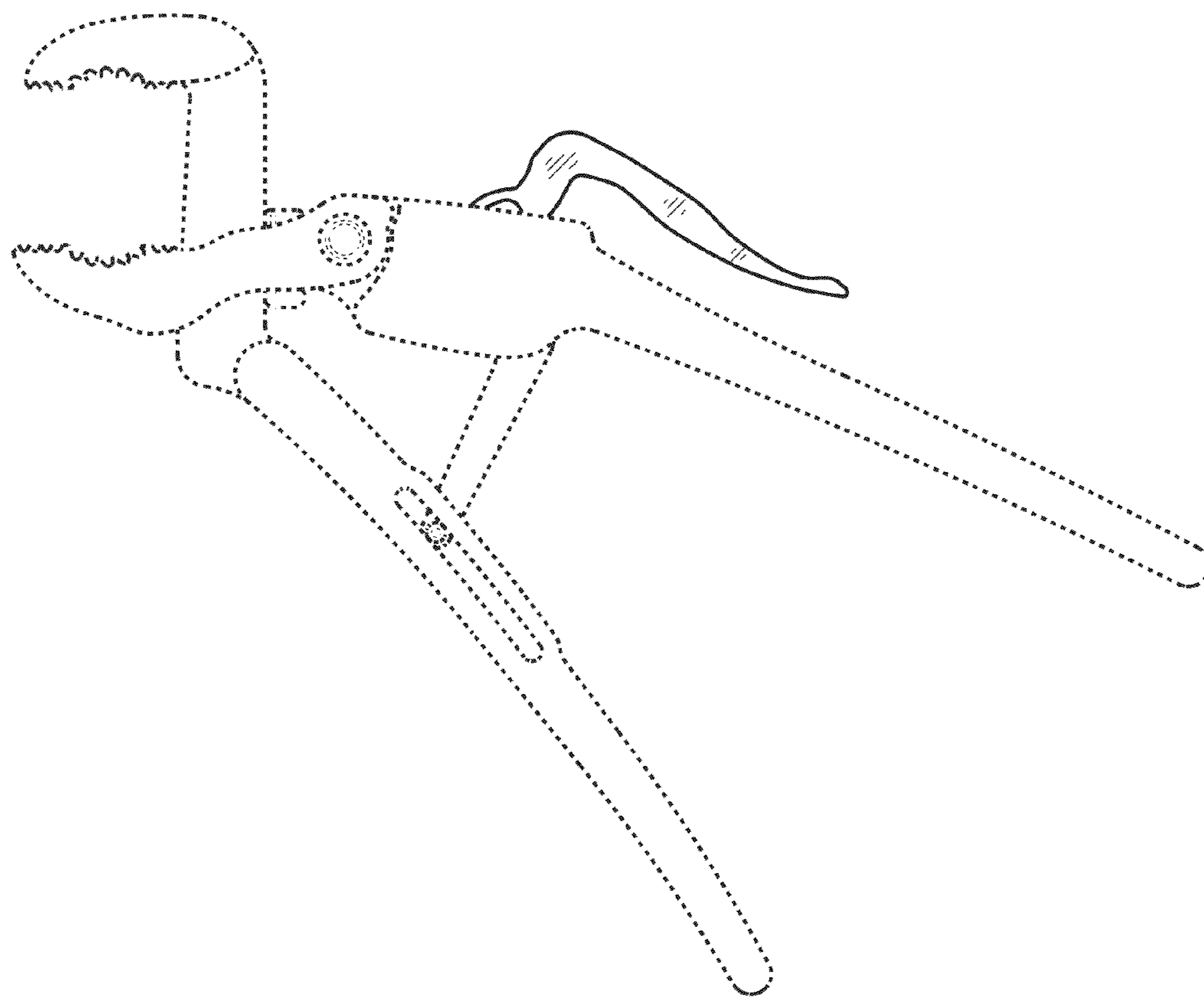


FIG. 2

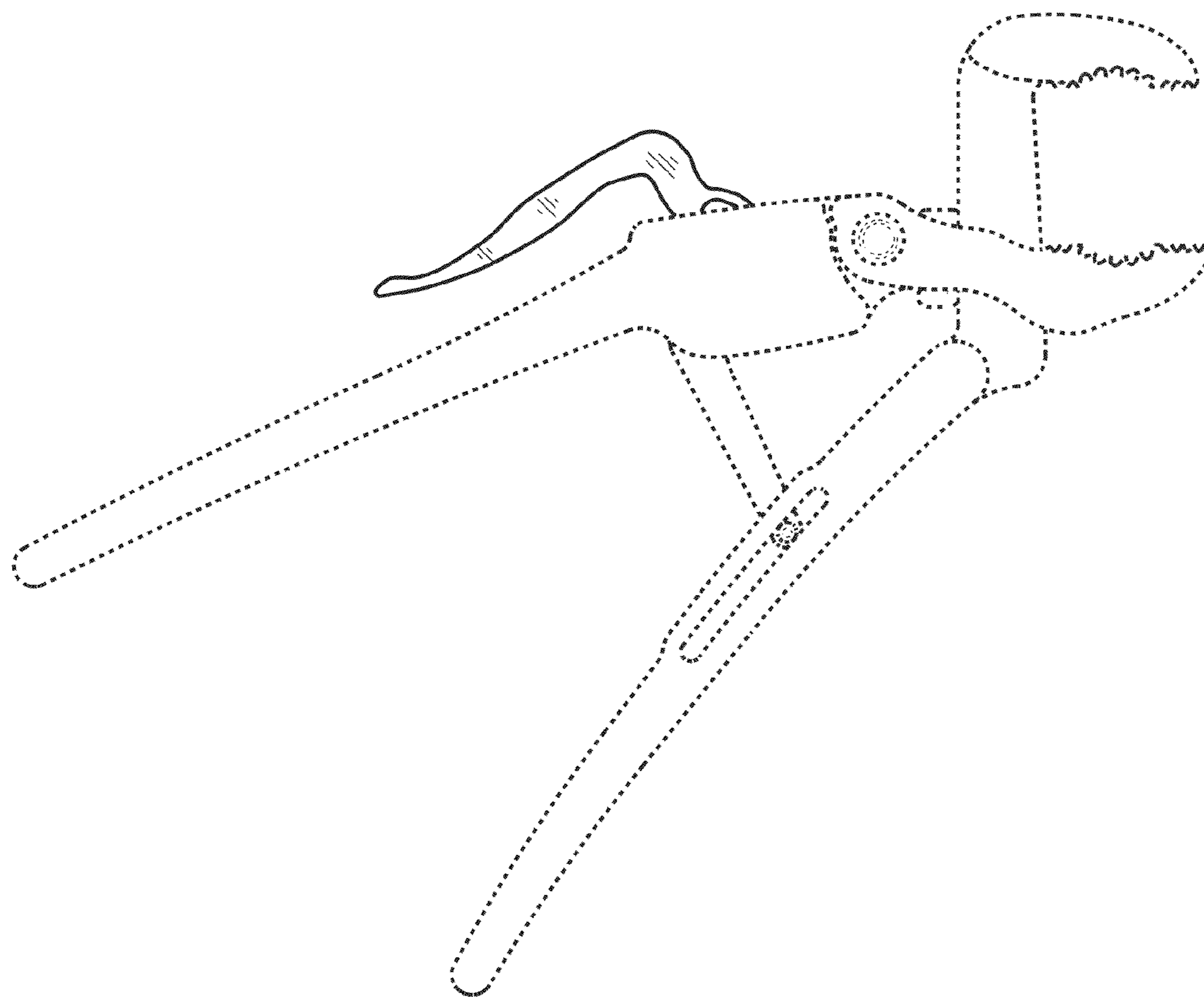


FIG. 3



FIG. 4



FIG. 5



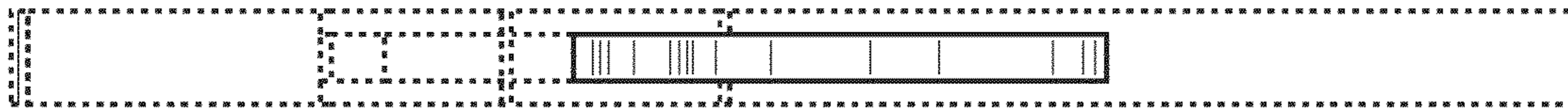


FIG. 6





FIG. 7