

US00D768853S

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

(10) **Patent No.:** **US D768,853 S**

(45) **Date of Patent:** **** Oct. 11, 2016**

(54) **MEDICAL INSTRUMENT WITH WAFFLE HANDLE WITH BENT SHAFT**

D337,158 S 7/1993 Summers
D344,335 S 2/1994 Elisha
5,349,886 A * 9/1994 Jin B25G 1/105
81/177.1

(71) Applicant: **ECA Medical Instruments**, Newbury Park, CA (US)

5,489,307 A 2/1996 Kuslich et al.
5,613,436 A 3/1997 Taylor
5,755,721 A 5/1998 Hearn

(72) Inventors: **John Nino**, Simi Valley, CA (US);
David Ivinson, Camarillo, CA (US)

(Continued)

(73) Assignee: **ECA Medical Instruments**, Newbury Park, CA (US)

FOREIGN PATENT DOCUMENTS

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

CN 302731288 2/2014
WO 2005037065 4/2005
WO 2010034847 4/2010

(21) Appl. No.: **29/524,717**

OTHER PUBLICATIONS

(22) Filed: **Apr. 22, 2015**

ECA Medical Instruments; <http://www.ecamedical.com/products-technology/orthopaedic-spine-instruments-procedural-kits/orthopaedic-instruments-kits/>; Aug. 22, 2015; Fingertip swivel Fixed Driver Instrument; 5 pages.

Related U.S. Application Data

Primary Examiner — Wan Laymon

(63) Continuation-in-part of application No. 14/000,741, filed on Oct. 23, 2013.

(74) *Attorney, Agent, or Firm* — Baker & Hostetler LLP

(51) **LOC (10) Cl.** **24-02**

(52) **U.S. Cl.**
USPC **D24/133**

(58) **Field of Classification Search**
USPC D24/133, 140, 146, 152; D8/83, 107; 81/489

CPC A61B 17/1728; A61B 17/1757; A61B 17/16; A61B 17/8875; A61B 2017/0042; A61B 2017/00429; A61B 19/029; A61B 19/0288; A61B 19/22; B25G 1/102; B25G 1/105

See application file for complete search history.

(57) **CLAIM**

We claim the ornamental design for a medical instrument with waffle handle with bent shaft, as shown and described.

DESCRIPTION

FIGS. 1 and 2 are side elevations offset 180 degrees of a medical instrument with waffle handle and bent shaft showing our new design;

FIGS. 3 and 4 are top and bottom elevations offset 180 degrees of the medical instrument with waffle handle and bent shaft showing our new design;

FIG. 5 is a front view thereof; and,

FIG. 6 is a rear view.

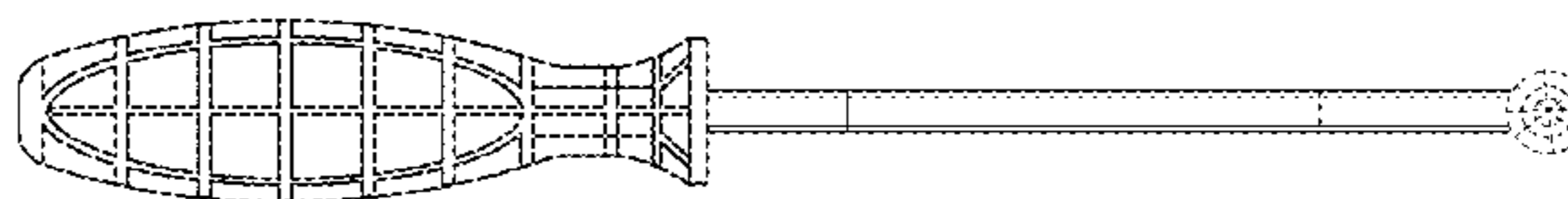
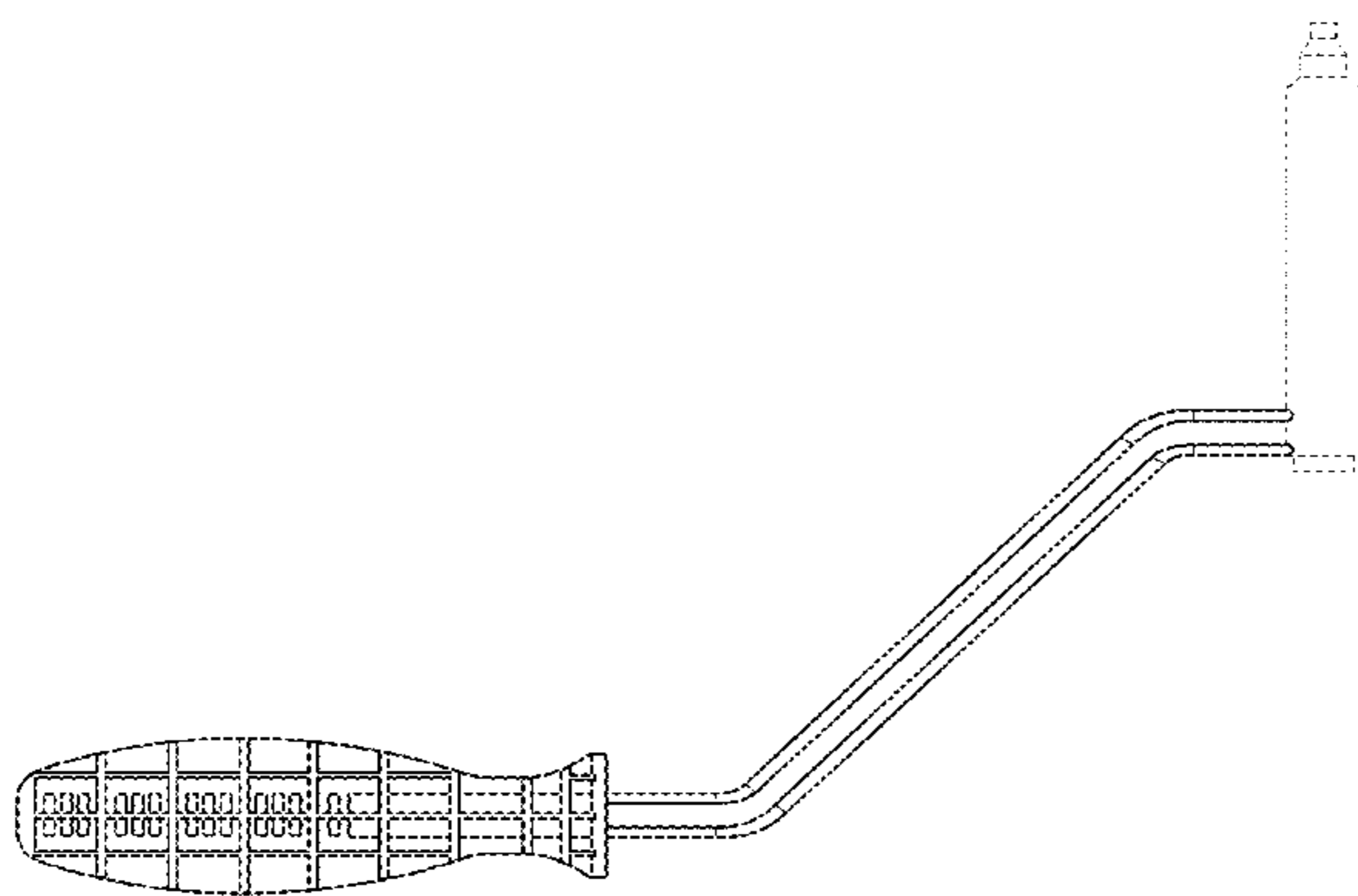
The broken lines showing the remainder of the medical instrument are directed to environment and are for illustrative purposes only; the broken lines form no part of the claimed design.

(56) **References Cited**

U.S. PATENT DOCUMENTS

3,204,284 A 9/1965 Merriman
D264,876 S 6/1982 Seid
4,450,834 A 5/1984 Fischer
4,986,147 A 1/1991 Cooper
D318,116 S 7/1991 Michelson
D333,002 S 2/1993 Tarrson et al.
D336,957 S 6/1993 Koros et al.

1 Claim, 4 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D404,126 S 1/1999 Asfora
D426,306 S 6/2000 Maissami
6,131,972 A 10/2000 Whitehead et al.
D433,506 S 11/2000 Asfora
6,416,518 B1 7/2002 DeMayo
7,357,804 B2* 4/2008 Binder, Jr. A61B 17/1728
606/96
7,442,197 B2 10/2008 Abdelgany
7,488,326 B2 2/2009 Elliott
7,625,378 B2* 12/2009 Foley A61B 17/1757
606/86 B

D667,548 S 9/2012 Brannon
D669,984 S 10/2012 Cheney et al.
8,298,236 B2* 10/2012 Laurysen A61B 17/1757
606/86 R
D671,641 S 11/2012 Fritzing
2005/0106531 A1 5/2005 Tang
2005/0119663 A1 6/2005 Keyer et al.
2005/0228398 A1 10/2005 Rathbun et al.
2006/0212056 A1 9/2006 Salvadori et al.
2007/0135779 A1 6/2007 Lalomia et al.
2009/0145901 A1 6/2009 Finnestad et al.
2010/0160824 A1 6/2010 Parihar et al.
2011/0046631 A1 2/2011 Suter et al.

* cited by examiner

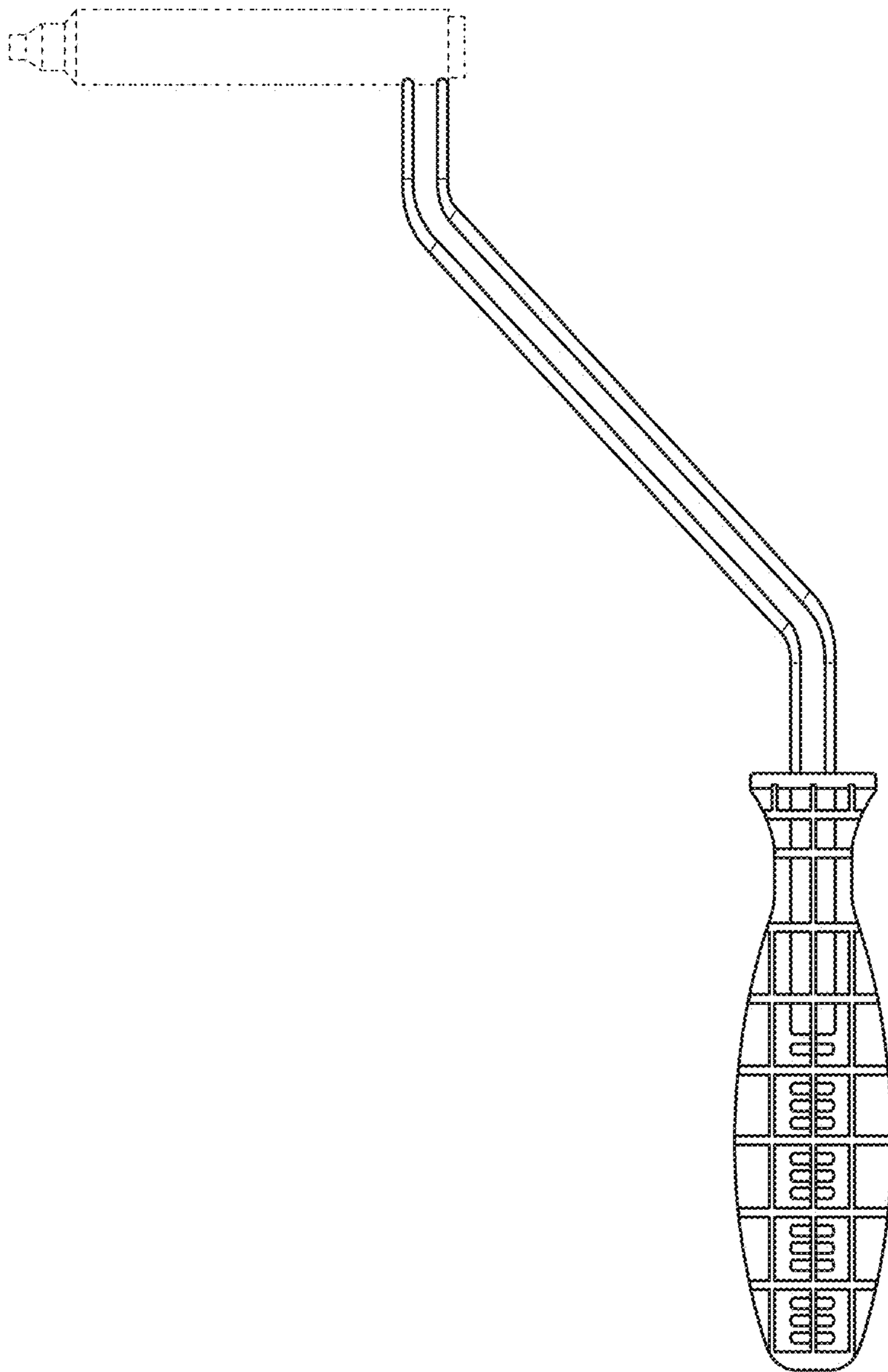


FIG. 1

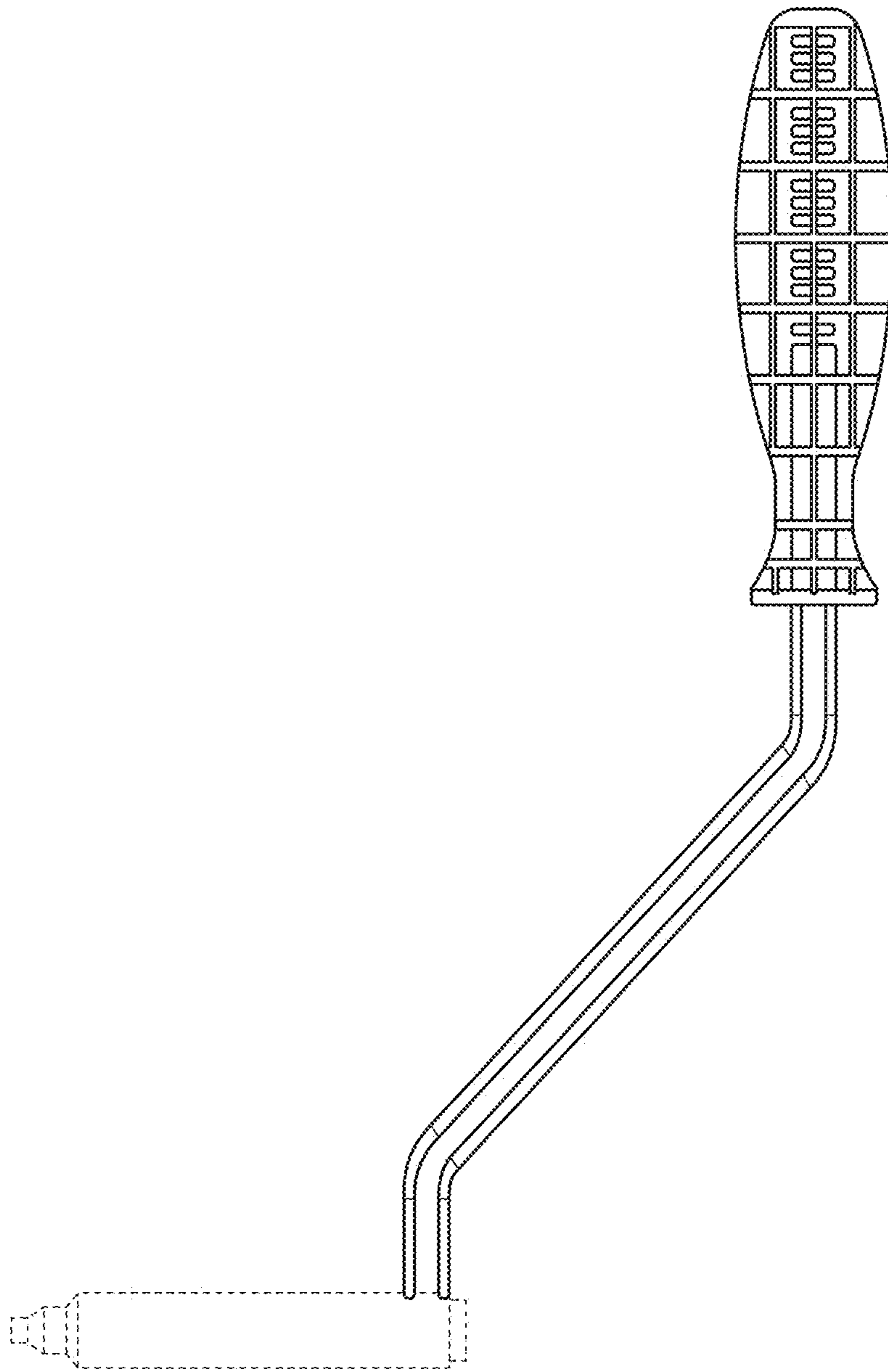


FIG. 2

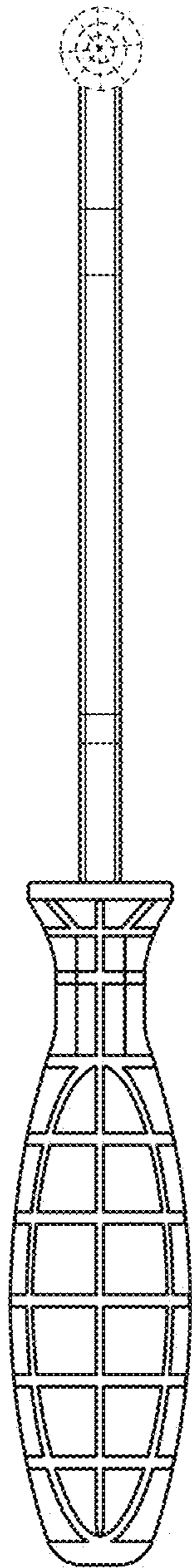


FIG. 3

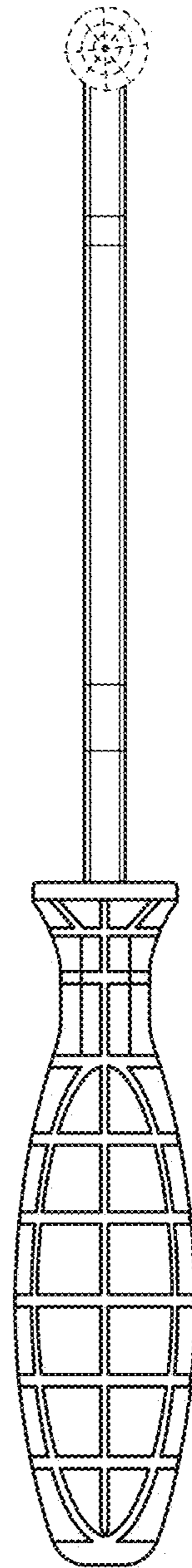


FIG. 4

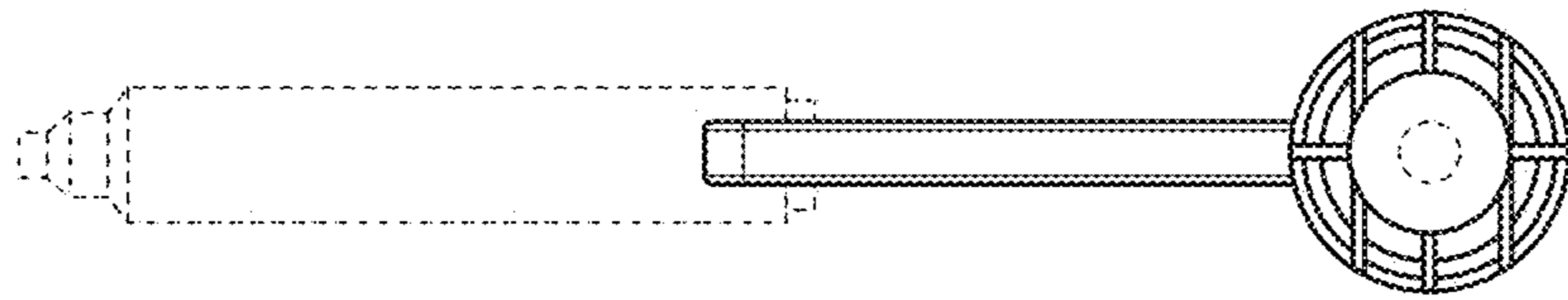


FIG. 6

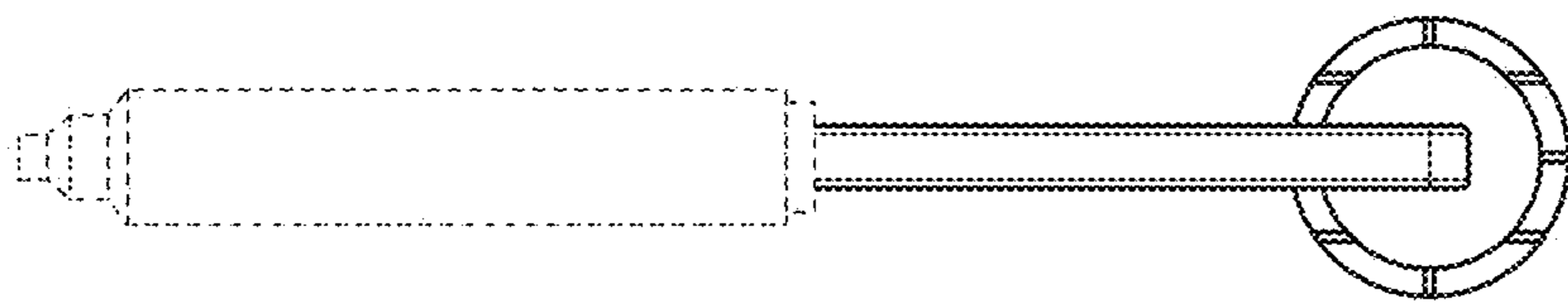


FIG. 5