



US00D958619S

(12)

United States Design Patent

Jones et al.

(10)

Patent No.:

US D958,619 S

(45)

Date of Patent:

** Jul. 26, 2022

(54)

BARRIER WRENCH

(71)

Applicant: Government of the United States, as Represented by the Secretary of the Air Force, Wright-Patterson AFB, OH (US)

(72)

Inventors: Caleb B. Jones, JB Andrews, MD (US); Jonathan Rajski, JB Andrews, MD (US); Eleuterio Flores, Largo, MD (US); Bryan D. Hunt, Prince Frederick, MD (US); Logan Wisnoski, Chesapeake Beach, MD (US)

(73)

Assignee: United States of America as represented by the Secretary of the Air Force, Wright-Patterson AFB, OH (US)

(**)

Term:

15 Years

(21)

Appl. No.:

29/730,754

(22)

Filed:

Apr. 8, 2020

(51)

LOC (13) Cl.

08-05

(52)

U.S. Cl.

USPC D8/21; D8/17

(58)

Field of Classification Search

USPC D8/14, 16, 17, 21, 24-29, 51, 59, 107; D24/133, 147; 81/57.13, 57.39, 60
CPC B25B 21/004; B25B 13/46; B25B 13/463
See application file for complete search history.

(56)

References Cited

U.S. PATENT DOCUMENTS

D28,380 S * 3/1898 Stortz D8/17
641,782 A * 1/1900 Kostlan B25B 17/00 81/57.3
D34,213 S * 3/1901 Baxter B25B 13/04 81/177.1

760,103 A * 5/1904 Combs B25B 13/12 81/150

852,874 A * 5/1907 DeGraff B25B 13/462 81/59.1

912,338 A * 2/1909 Walden B25B 13/48 7/138

D42,305 S * 3/1912 Sommer D8/18

D44,226 S * 6/1913 Vaughan D8/18

D46,424 S * 9/1914 Berry D8/22

D140,558 S * 3/1945 Bartlett D8/21

D162,664 S * 3/1951 KleeB D8/16

2,716,367 A * 8/1955 Montgomery B25B 13/04 D8/21

3,276,299 A * 10/1966 Halburian G10D 3/20 81/437

4,328,720 A * 5/1982 Shiel B25B 13/56 81/177.85

D270,424 S * 9/1983 Weinerman B25B 13/12 D8/21

D347,370 S * 5/1994 Runevitch B25B 17/00 D8/21

(Continued)

Primary Examiner — Rachel A. Voorhies

Assistant Examiner — Benjamin D. Wannemacher

(74)

Attorney, Agent, or Firm — AFMCLO/JAZ; Timothy M. Barlow

(57)

CLAIM

The ornamental design for a barrier wrench, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a barrier wrench;
FIG. 2 is a bottom perspective view of a barrier wrench;
FIG. 3 is an elevated perspective view of a barrier wrench;
FIG. 4 is an elevated perspective view of a barrier wrench;
FIG. 5 is a perspective view of a barrier wrench;
FIG. 6 is a top view of a barrier wrench; and,
FIG. 7 is a bottom view of a barrier wrench.

1 Claim, 6 Drawing Sheets

(56)

References Cited

U.S. PATENT DOCUMENTS

D362,909	S	*	10/1995	Warner	.....	D24/147
D402,867	S	*	12/1998	Macor	.....	D8/25
6,003,413	A	*	12/1999	Macor	.....	B25B 13/462
						81/489
6,098,503	A	*	8/2000	Hlinka	.....	B25B 13/04
						81/124.3
6,151,996	A	*	11/2000	Whiteford	.....	B25B 13/12
						81/127
6,286,395	B1	*	9/2001	Frazier	.....	B25G 1/105
						81/177.2
6,332,380	B1	*	12/2001	Macor	.....	B25G 1/105
						81/177.1
D464,545	S	*	10/2002	Marty	.....	B25B 13/12
						81/127
6,481,316	B1	*	11/2002	Liao	.....	B25B 13/463
						81/62
D516,405	S	*	3/2006	Saunders	.....	D8/80
7,165,480	B2	*	1/2007	Lin	.....	B25G 1/063
						81/177.9
D562,652	S	*	2/2008	Liao	.....	D8/25
D663,177	S	*	7/2012	Chen	.....	D8/25
D679,967	S	*	4/2013	Junyong	.....	D8/25
D717,144	S	*	11/2014	Macor	.....	D8/25
D833,839	S	*	11/2018	Scano	.....	B25G 1/063
						81/177.9
D917,249	S	*	4/2021	Puerta	.....	B25G 1/005
						81/437
2003/0159550	A1	*	8/2003	Shigenaga	.....	B25G 1/005
						81/437
2019/0099865	A1	*	4/2019	Ou	.....	B25B 13/463

* cited by examiner

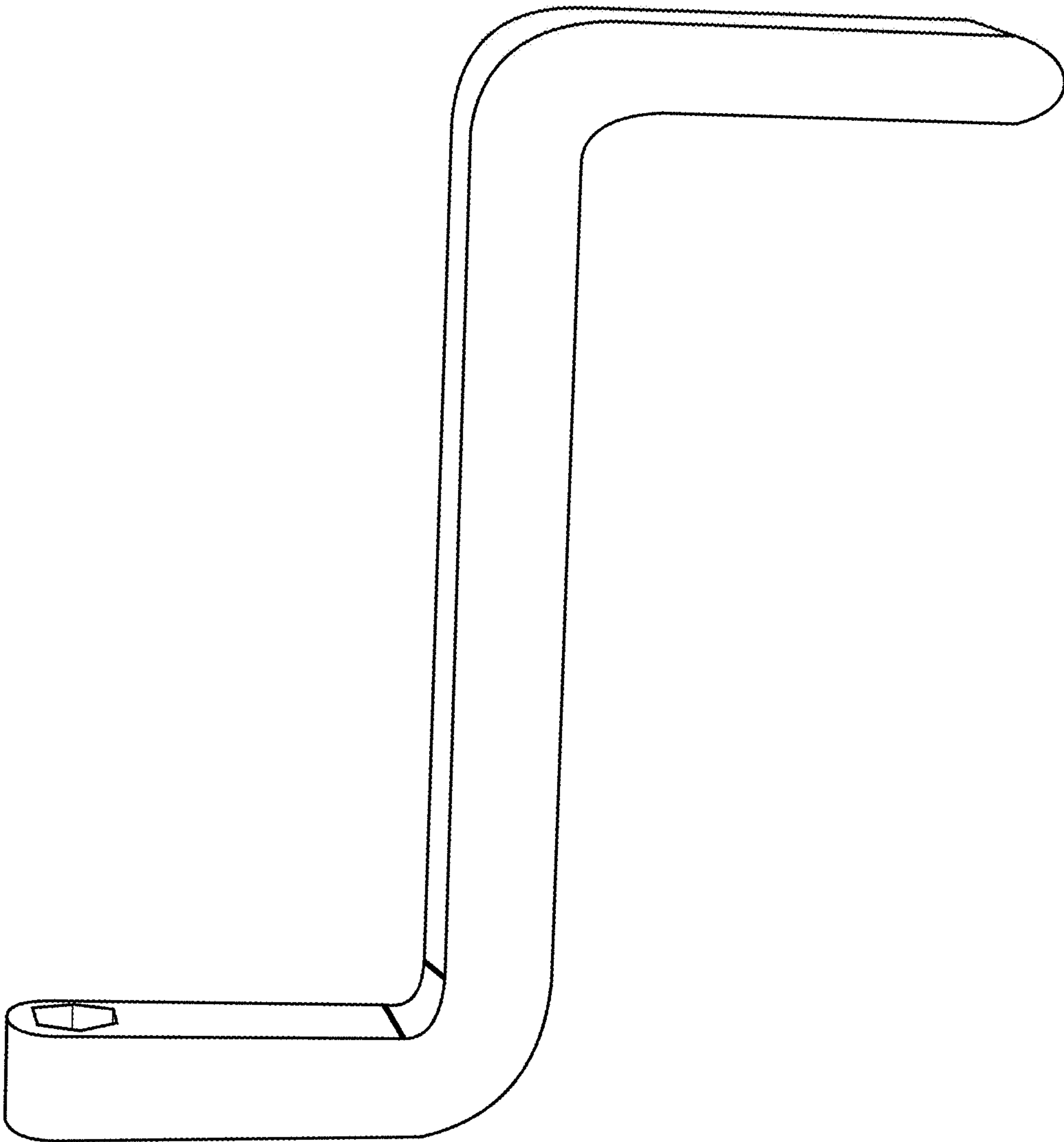


FIG. 1

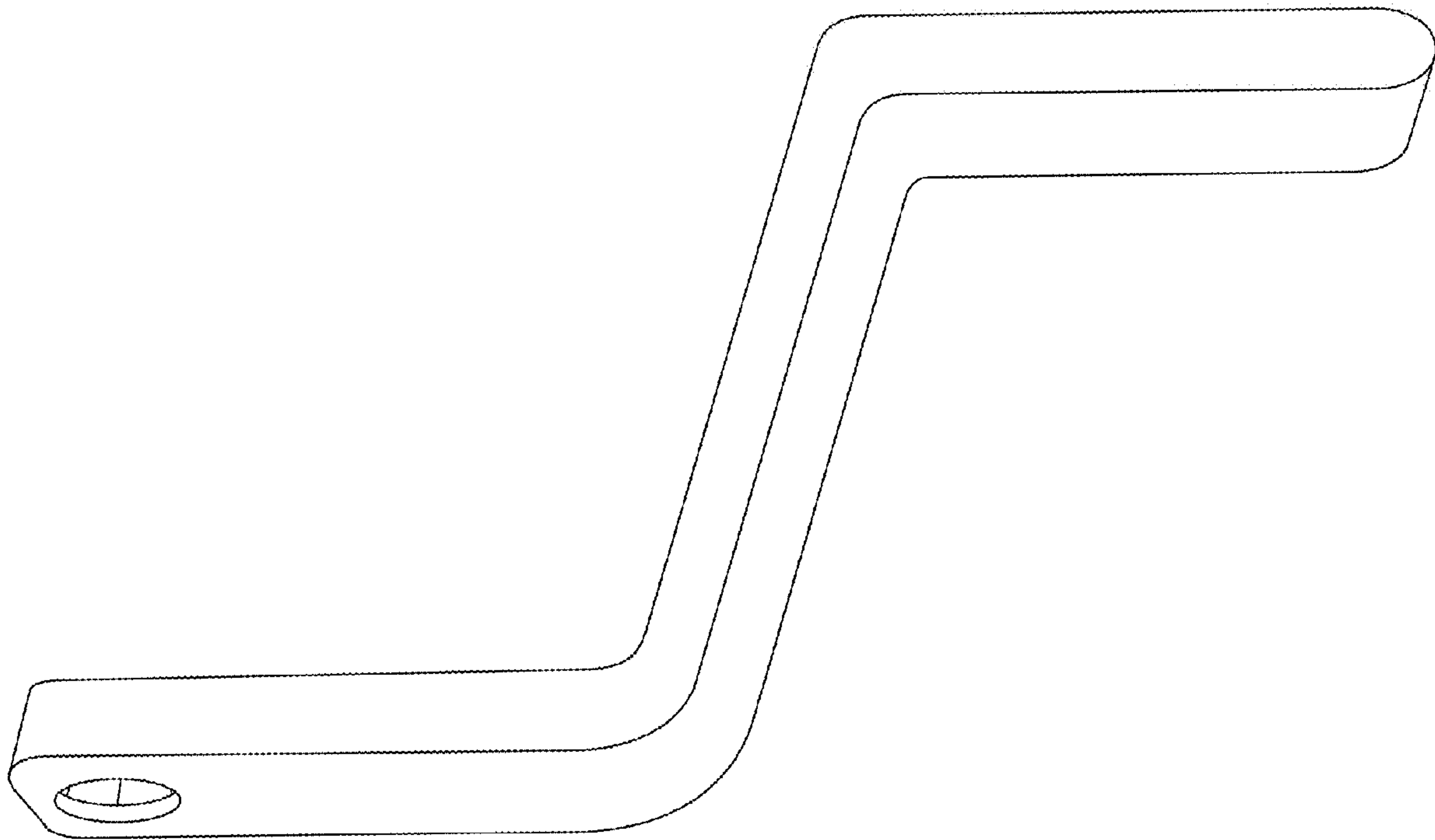


FIG. 2

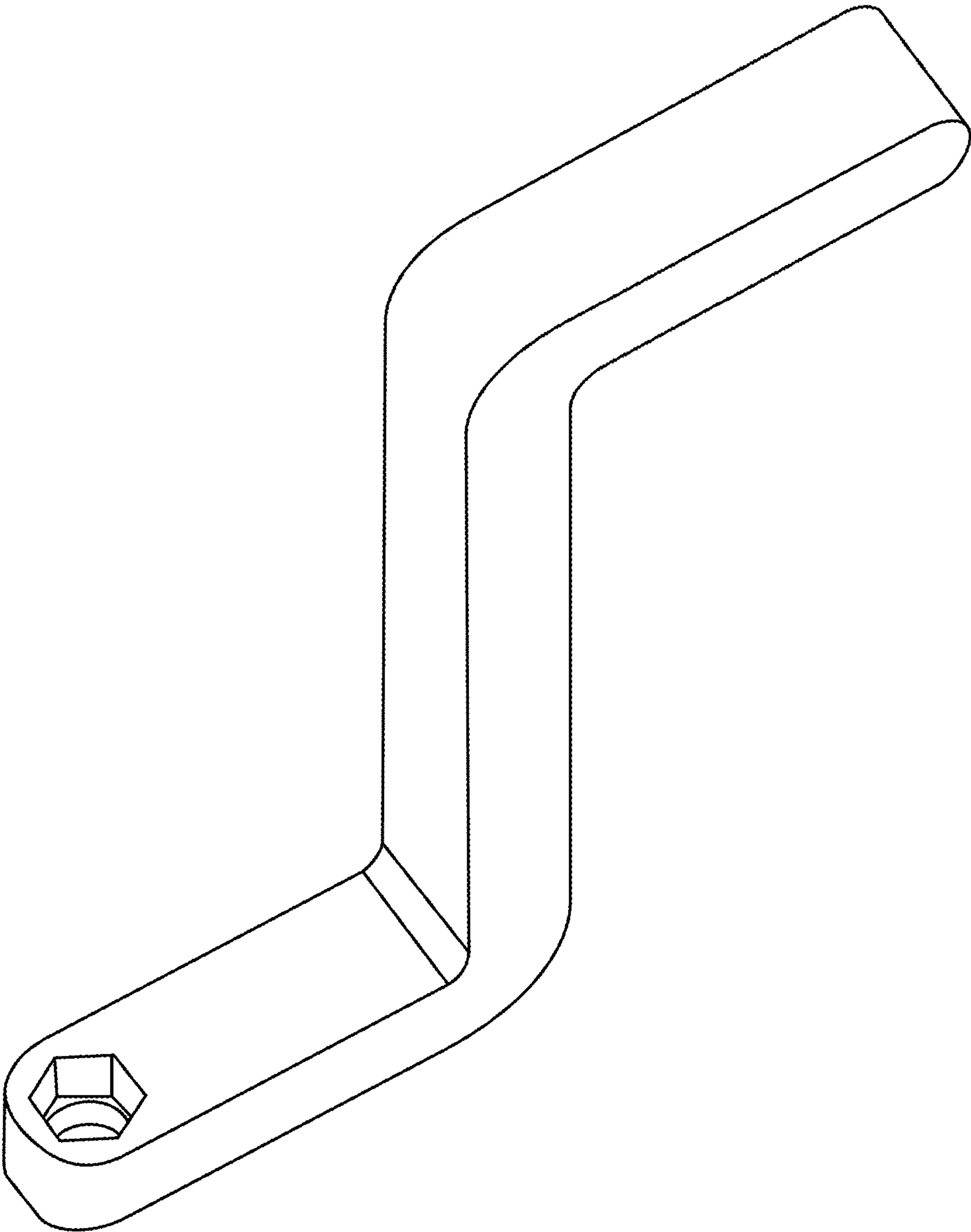


FIG. 3

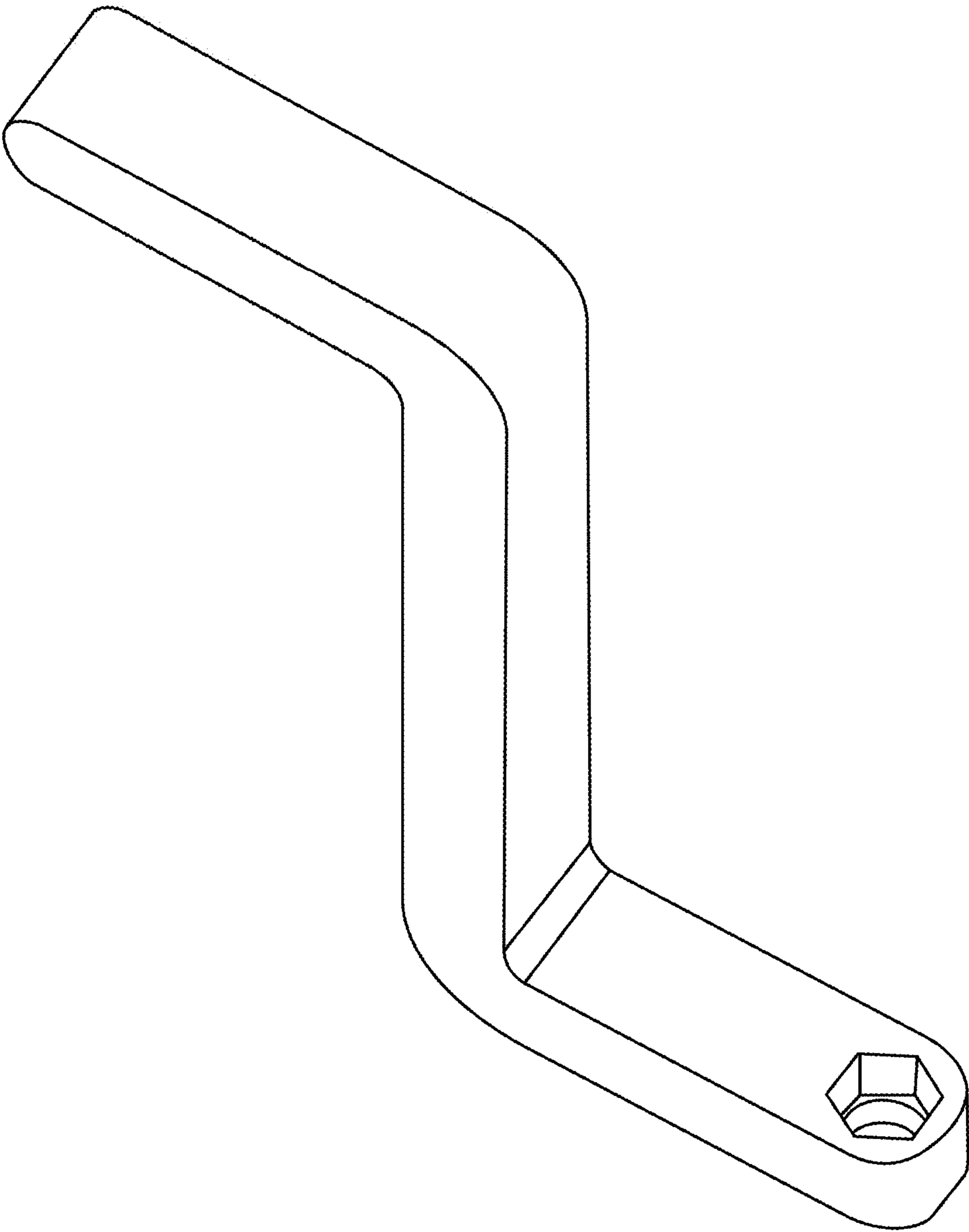


FIG. 4

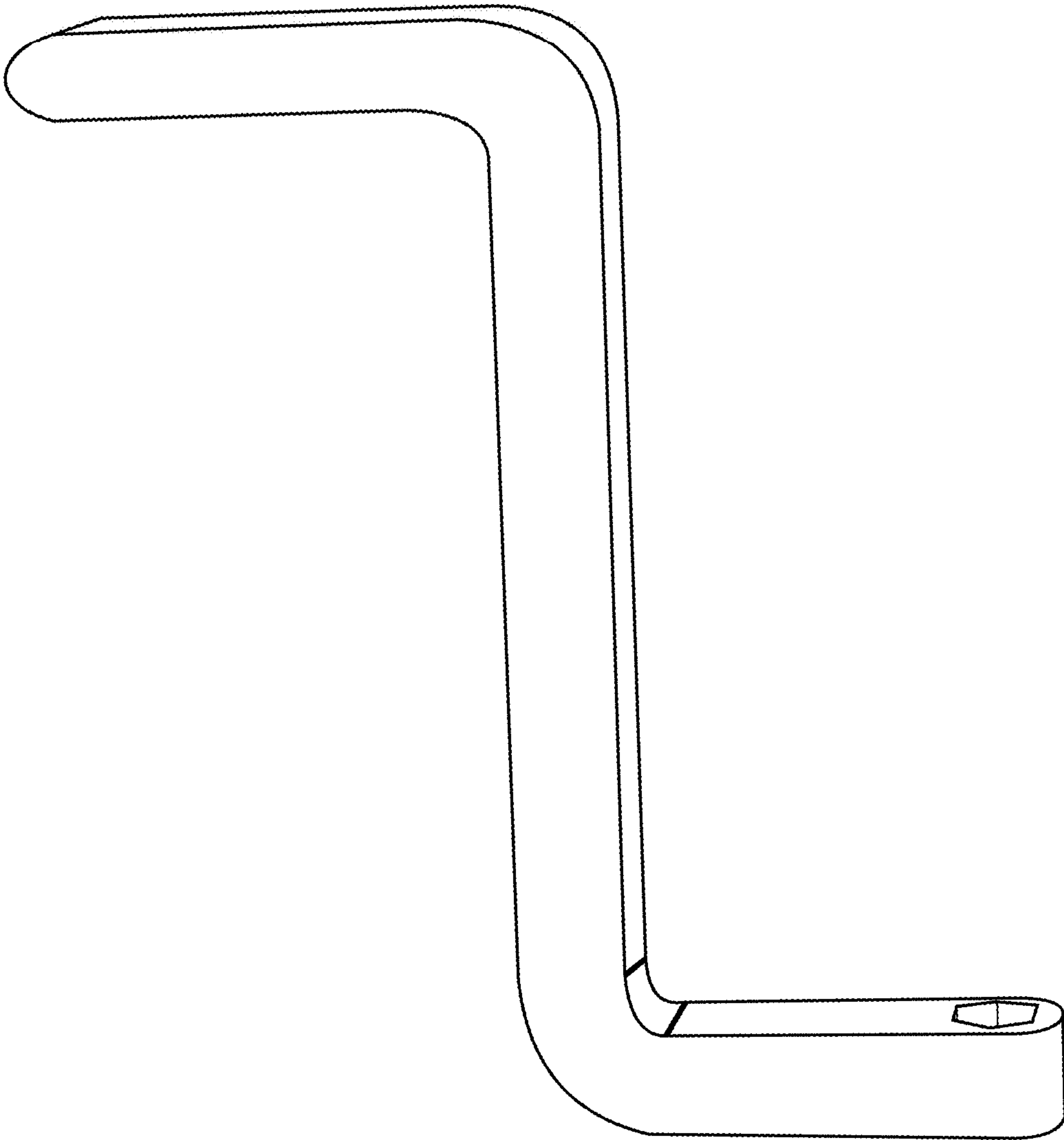


FIG. 5

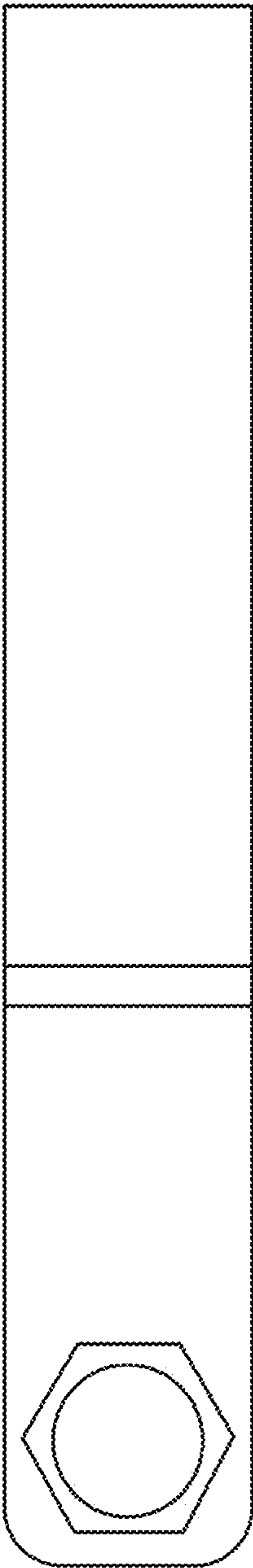


FIG. 6

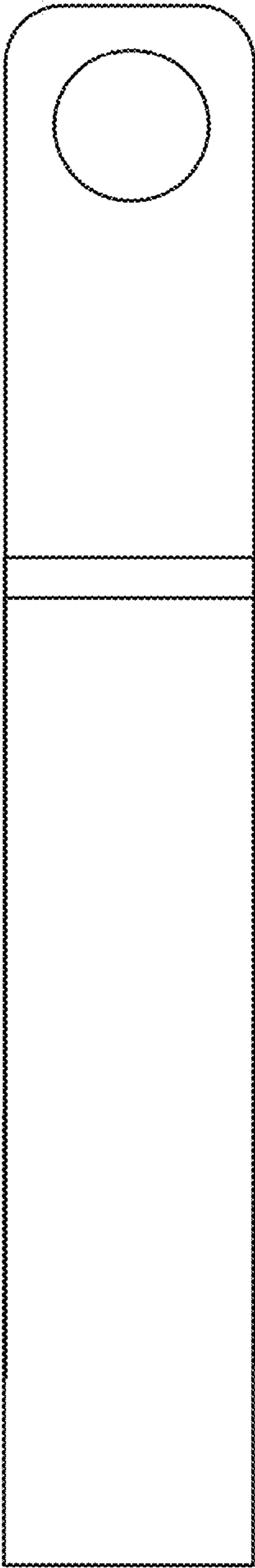


FIG. 7