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(12) **United States Design Patent** (10) **Patent No.:** **US D783,166 S**
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(54) **SURGICAL INSTRUMENT**
(71) Applicant: **NuVasive, Inc.**, San Diego, CA (US)
(72) Inventors: **Bon Champ**, San Diego, CA (US);
James Coleman Lee, San Diego, CA (US)
(73) Assignee: **NUVASIVE, INC.**, San Diego, CA (US)

5,817,005 A 10/1998 Cohen
6,241,658 B1 6/2001 Goodrich
6,241,769 B1 6/2001 Nicholson et al.
6,641,582 B1 11/2003 Hanson et al.
6,843,804 B2 1/2005 Bryan
7,169,183 B2 1/2007 Liu et al.
D538,425 S * 3/2007 Awh D24/133
7,201,775 B2 4/2007 Gorenssek et al.
7,226,413 B2 6/2007 McKinley
D585,547 S * 1/2009 Bisleri D24/133
7,632,278 B2 12/2009 Jansen et al.
(Continued)

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

FOREIGN PATENT DOCUMENTS

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(52) **U.S. Cl.**
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(58) **Field of Classification Search**
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606/79-81, 84-87, 180
See application file for complete search history.

WO 2005058387 A1 6/2005
WO 2007086921 A1 8/2007

Primary Examiner — Ian Simmons
Assistant Examiner — Samantha Q Lawrence
(74) *Attorney, Agent, or Firm* — Bradley Arant Boult
Cummings LLP

(56) **References Cited**

U.S. PATENT DOCUMENTS

1,002,468 A * 9/1911 Strangman 132/76.4
1,613,373 A 1/1927 Beck
1,621,212 A 3/1927 Myers
2,029,495 A 2/1936 Lowe
D233,077 S * 10/1974 Heros D24/147
4,049,000 A 9/1977 Williams
4,409,973 A 10/1983 Neufeld
4,600,005 A 7/1986 Hendel
4,660,557 A 4/1987 Collis, Jr.
4,827,928 A 5/1989 Collis, Jr.
4,883,426 A 11/1989 Ferrer
5,123,403 A 6/1992 Lavyne
5,649,945 A 7/1997 Ray et al.
5,755,660 A 5/1998 Tyagi

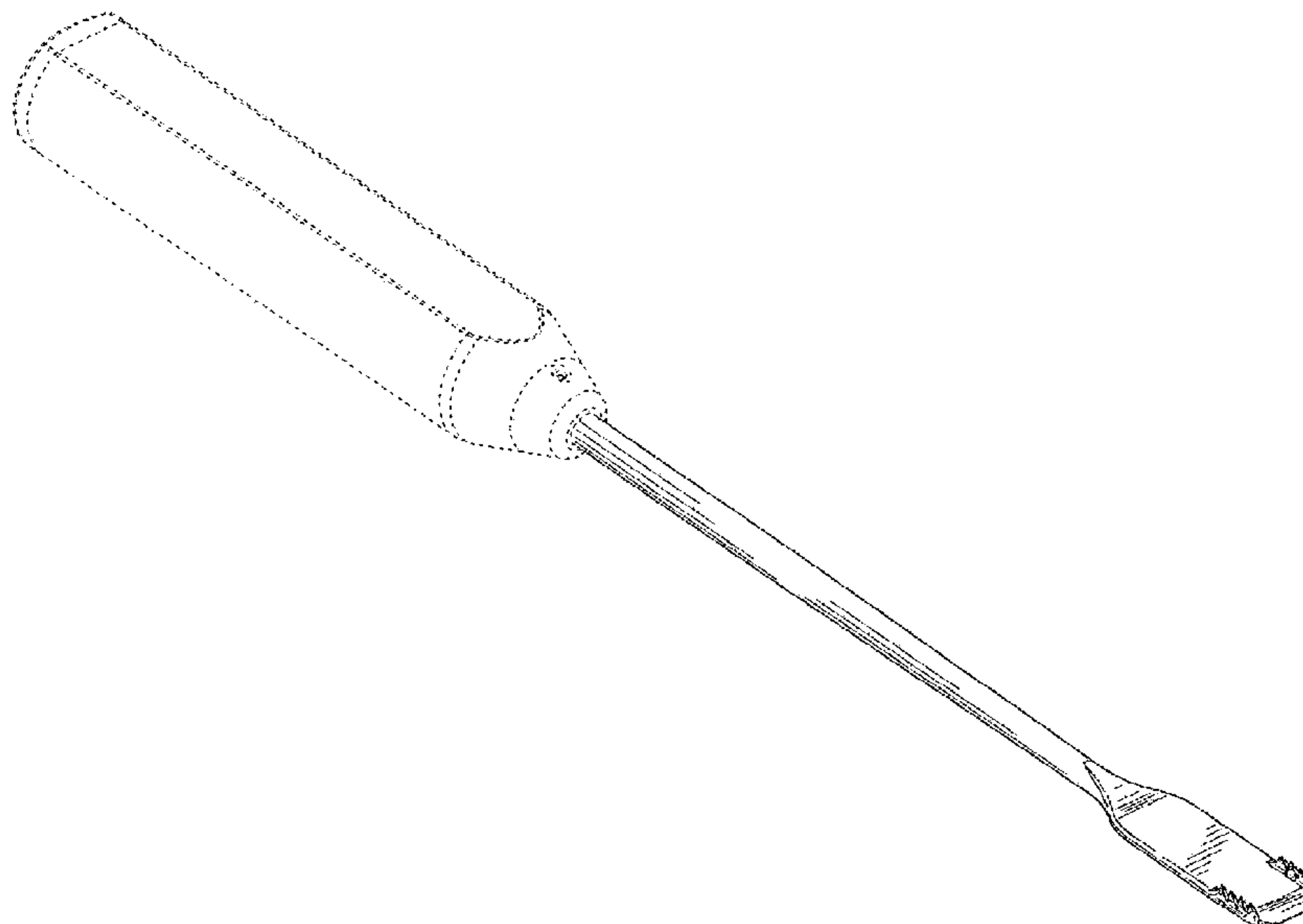
(57) **CLAIM**

The ornamental design for a surgical instrument, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a surgical instrument;
FIG. 2 is a side view thereof;
FIG. 3 is another side view thereof;
FIG. 4 is a front end view thereof;
FIG. 5 is a back end view thereof;
FIG. 6 top view thereof; and,
FIG. 7 is a bottom view thereof.
The broken lines shown in FIGS. 1-7 illustrate portions of the surgical instrument that form no part of the claimed design.

1 Claim, 3 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D612,050	S *	3/2010	Baynham	D24/133
D622,850	S	8/2010	Fisher	
D622,851	S *	8/2010	Horton	D24/147
8,029,512	B2	10/2011	Paltzer	
D658,287	S *	4/2012	Ryshkus	D24/135
8,211,107	B2	7/2012	Parks et al.	
8,366,748	B2 *	2/2013	Kleiner	A61B 17/025 606/279
D710,497	S *	8/2014	Pham	D24/130
D718,856	S	12/2014	Altschuler	
8,992,524	B1	3/2015	Ellman	
D736,378	S *	8/2015	Salehi	D24/147
2004/0143164	A1	7/2004	Suddaby	
2004/0162562	A1	8/2004	Martz	
2005/0090829	A1	4/2005	Martz et al.	
2006/0111722	A1	5/2006	Bouadi	
2008/0243126	A1	10/2008	Gutierrez et al.	
2009/0209827	A1	8/2009	Shelokov	
2010/0100097	A1	4/2010	Wong	
2010/0318088	A1	12/2010	Warne et al.	

* cited by examiner

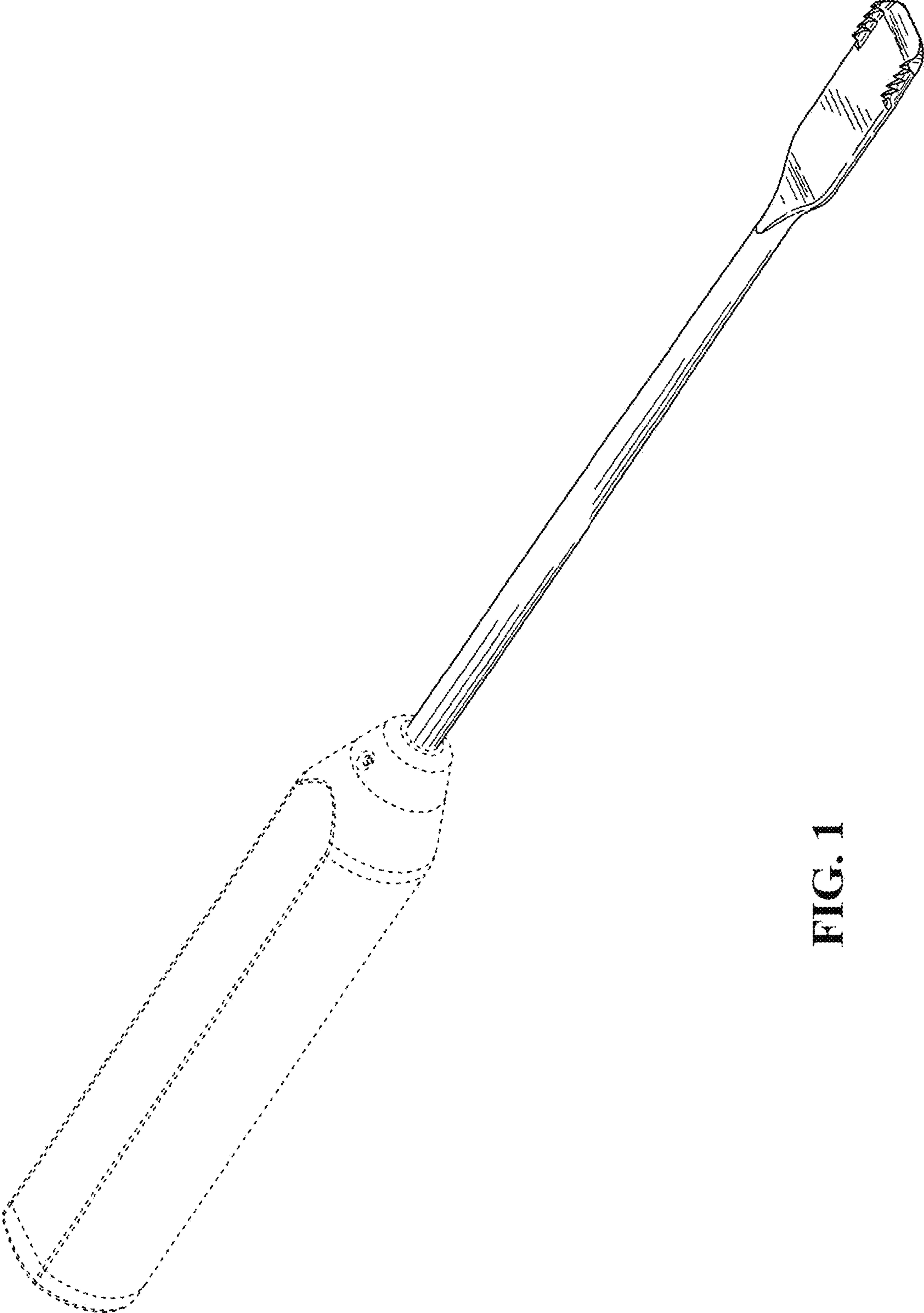


FIG. 1

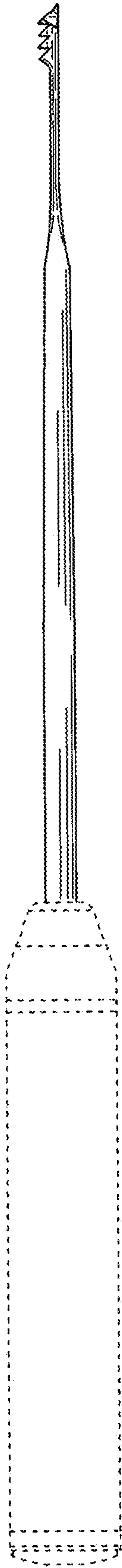


FIG. 2

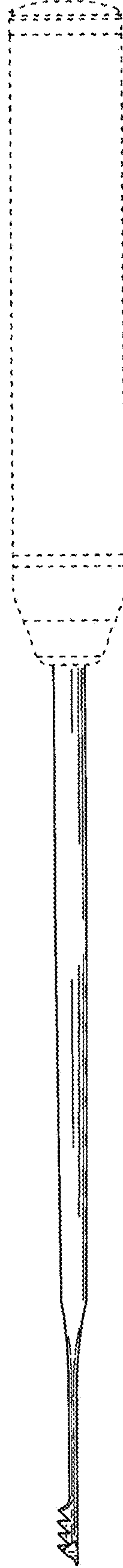


FIG. 3



FIG. 4

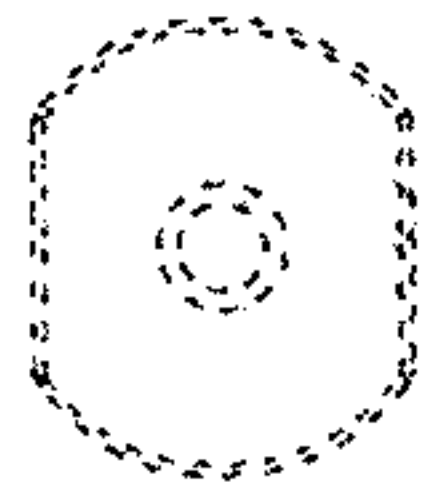


FIG. 5

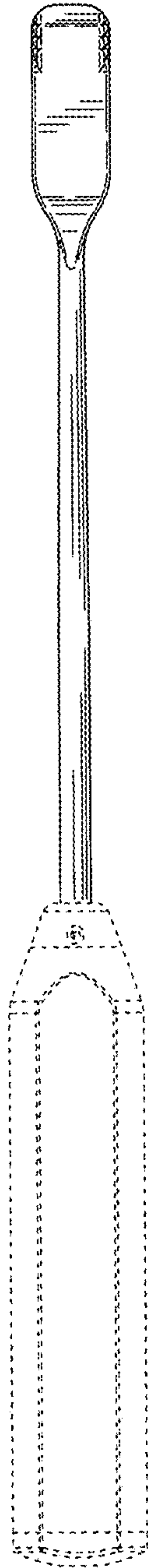


FIG. 6

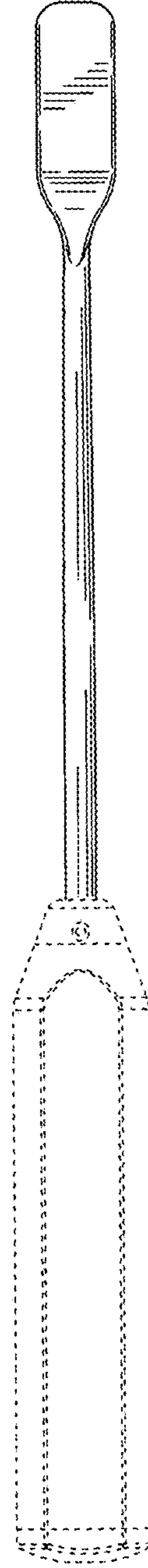


FIG. 7