



US00D706104S

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

(10) **Patent No.:** **US D706,104 S**
(45) **Date of Patent:** **** Jun. 3, 2014**

(54) **RING SPREADER TOOL**
(76) Inventor: **Michael William Mooney**, Ashland, OR
(US)
(**) Term: **14 Years**
(21) Appl. No.: **29/415,177**
(22) Filed: **Mar. 8, 2012**
(51) **LOC (10) Cl.** **08-05**
(52) **U.S. Cl.**
USPC **D8/54**
(58) **Field of Classification Search**
CPC B25B 7/00; B25B 7/22; B25B 27/205;
B21J 15/386; B23D 63/023; B21L 21/00;
B26B 11/00; B26B 11/008
USPC D8/57, 51, 52, 93, 92, 99, 4, 9, 403,
D8/346, 354, 6, 54, 58, 56; 29/81.17;
76/64, 69; 81/3.6; 7/125; D24/148,
D24/153, 10
See application file for complete search history.

3,254,649 A 6/1966 Wood
D222,689 S * 12/1971 Futami D8/4
3,665,797 A 5/1972 Gilham et al.
4,198,738 A 4/1980 Wallace
D281,195 S * 10/1985 Kurz D24/153
4,577,382 A 3/1986 Weglange
4,791,925 A 12/1988 Mitterer
4,976,034 A 12/1990 Whitman
5,365,625 A 11/1994 Han
D378,042 S * 2/1997 Jansson et al. D8/52
D386,374 S * 11/1997 Jansson et al. D8/52
D386,658 S * 11/1997 Jansson et al. D8/52
D386,659 S * 11/1997 Jansson et al. D8/52
D386,957 S * 12/1997 Jansson et al. D8/52
5,974,646 A 11/1999 Cotter
D458,099 S * 6/2002 Rusczyk D8/54
6,769,181 B1 8/2004 Scheuerman et al.
D533,945 S * 12/2006 Chue D24/148
D654,338 S * 2/2012 Sagawa D8/52
D654,339 S * 2/2012 Lewis D8/57

* cited by examiner

Primary Examiner — Robert M Spear
Assistant Examiner — Eliza Bennett-Hattan
(74) *Attorney, Agent, or Firm* — Jerry Haynes Law

(56) **References Cited**
U.S. PATENT DOCUMENTS

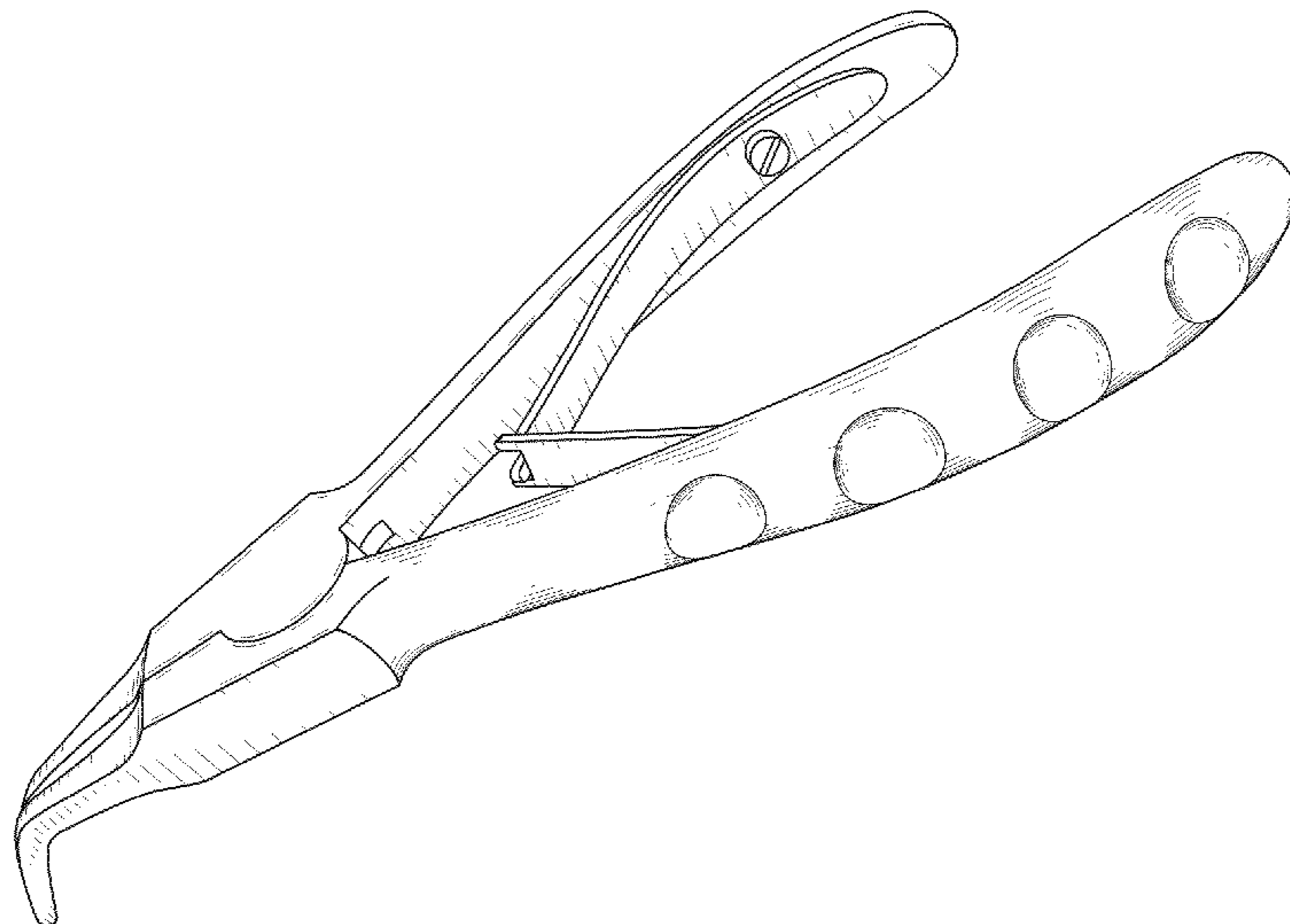
439,994 A 11/1890 Ballard
509,226 A 11/1893 Kellogg
514,799 A 2/1894 Wildt
519,550 A 5/1894 Riordan
544,268 A 8/1895 Unsinger et al.
1,178,404 A 4/1916 Lloyd
1,319,007 A 10/1919 Kind
1,564,960 A 12/1925 Horsman
1,810,631 A 6/1931 Trump
1,867,342 A 7/1932 Wieg
2,477,446 A 7/1949 Farner
2,607,247 A 8/1952 Wegs
2,704,061 A 10/1953 Amspacker
2,887,110 A 5/1959 Roeschmann
3,014,610 A 12/1961 Medeira

(57) **CLAIM**
The ornamental design for a ring spreader tool, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of a ring spreader tool showing the new design;
FIG. 2 is a left side view thereof;
FIG. 3 is a right side view thereof;
FIG. 4 is a top view thereof;
FIG. 5 is a bottom view thereof;
FIG. 6 is a front view thereof; and,
FIG. 7 is a rear view thereof.

1 Claim, 3 Drawing Sheets



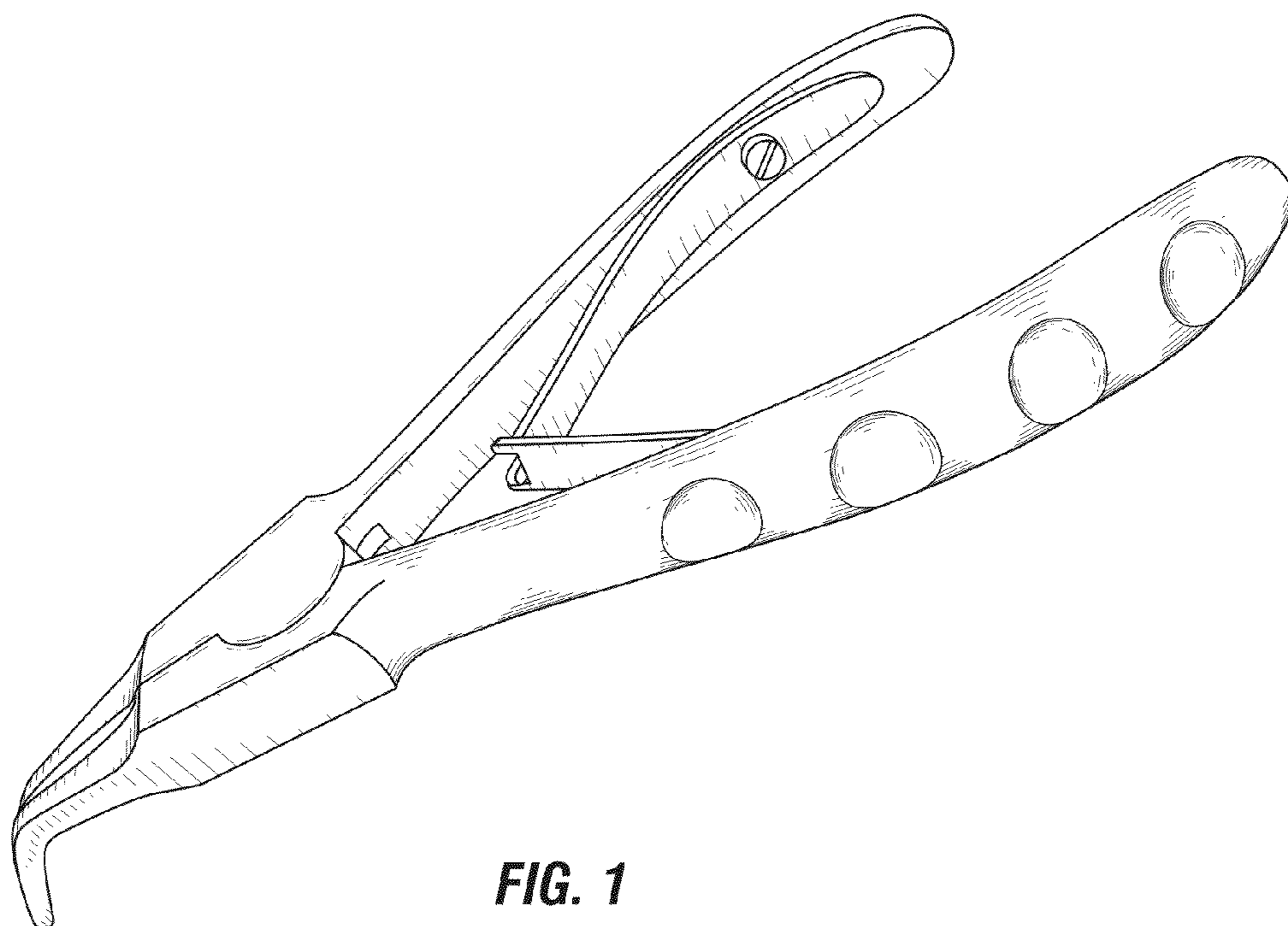


FIG. 1

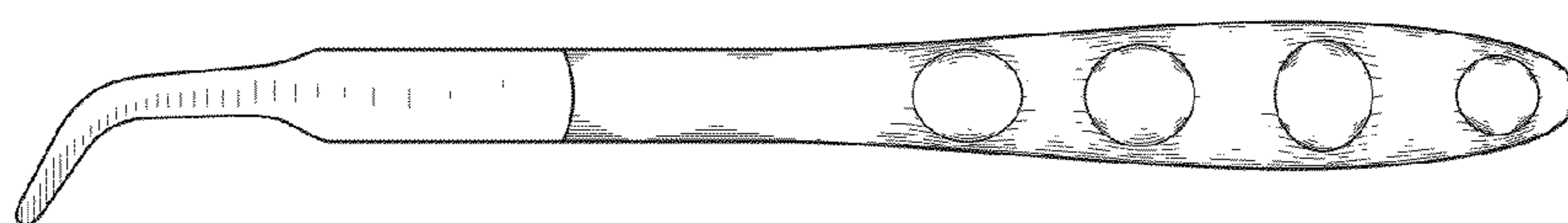


FIG. 2

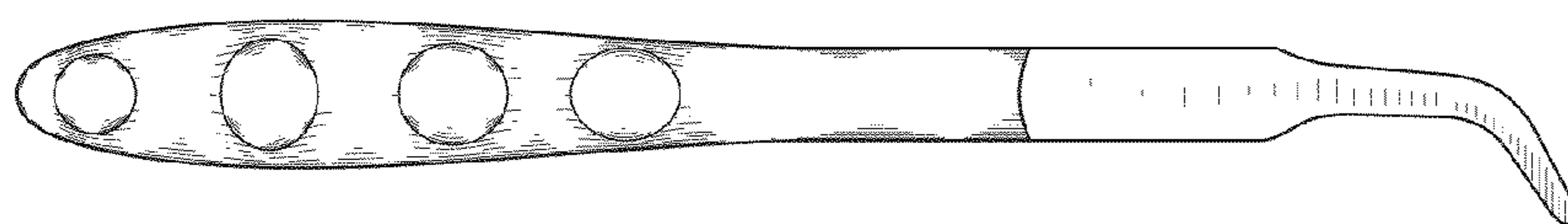


FIG. 3

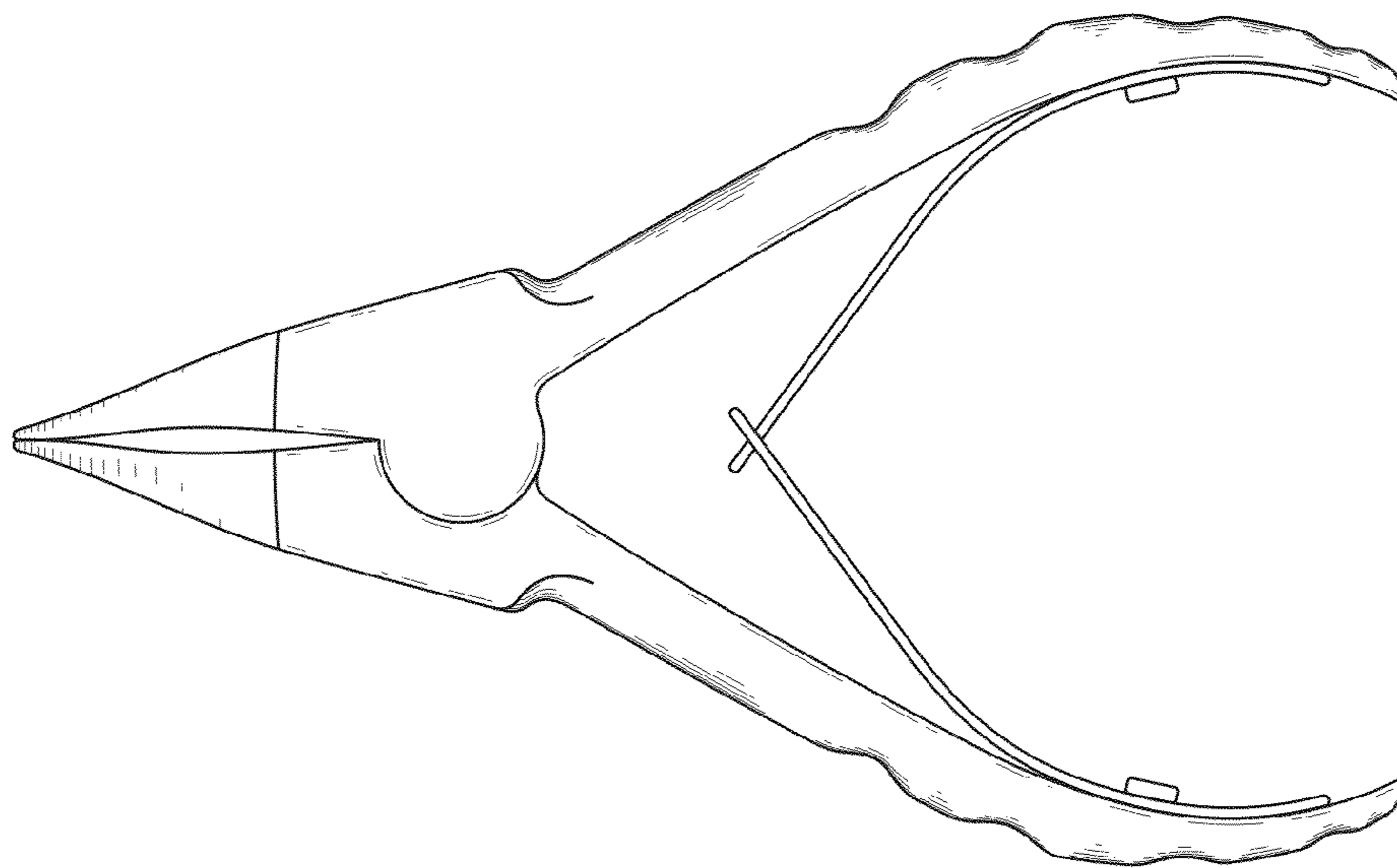


FIG. 4

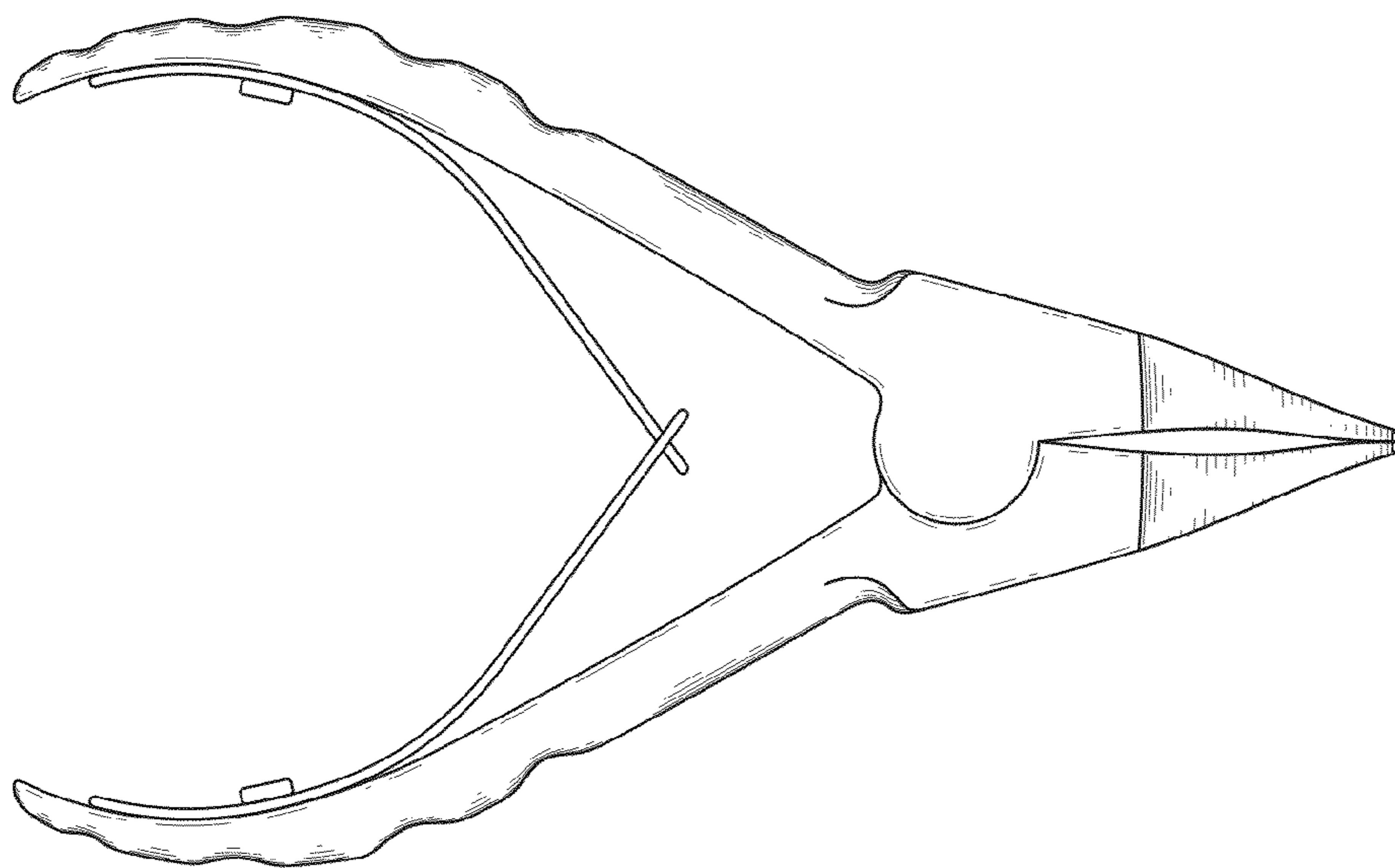


FIG. 5

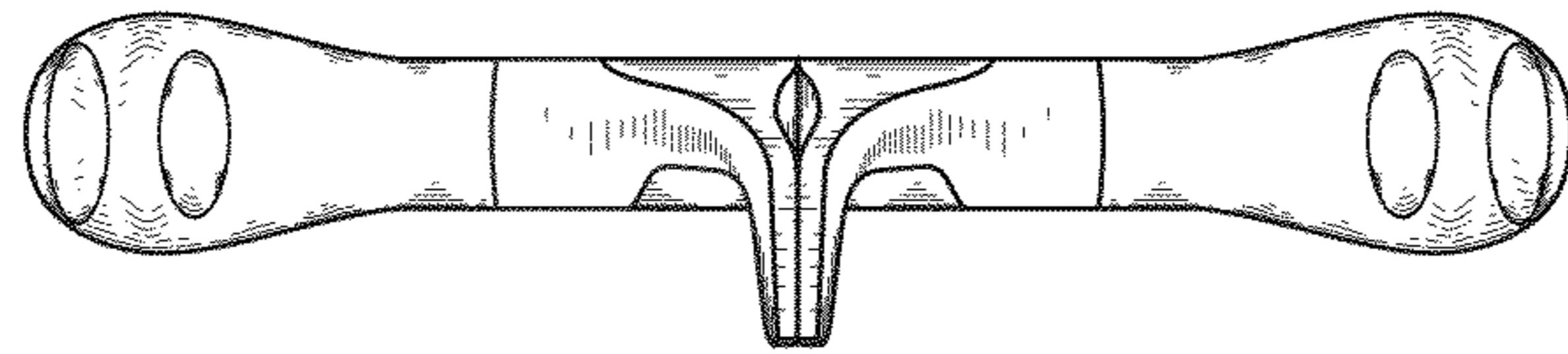


FIG. 6

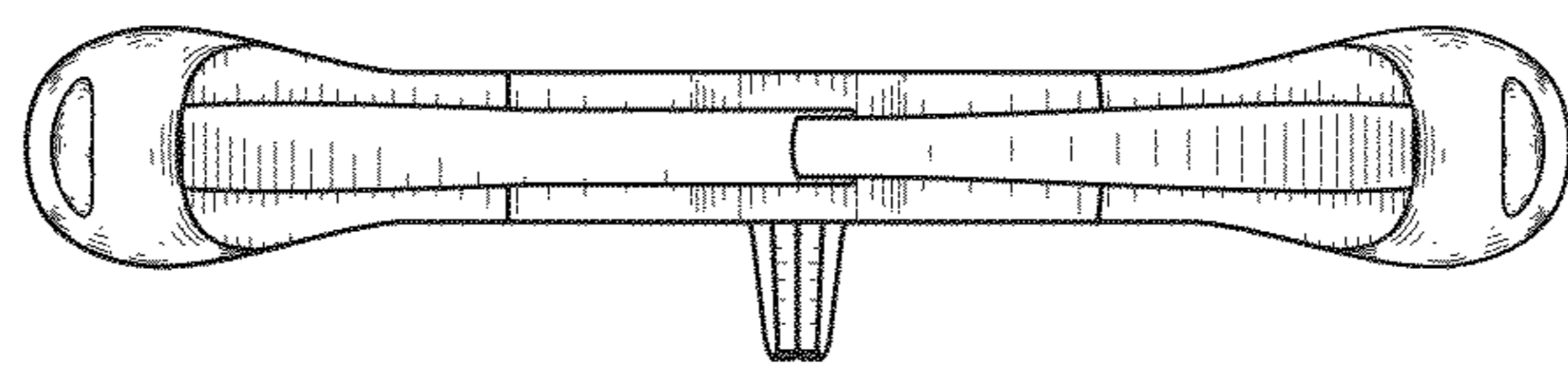


FIG. 7