



US00D985379S

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

(10) **Patent No.:** **US D985,379 S**

(45) **Date of Patent:** **** May 9, 2023**

(54) **SCREW**
(71) Applicant: **Schrauben Betzer GmbH & Co KG**,
Lüdenscheid (DE)
(72) Inventor: **Frank Hoffmeister**, Lüdenscheid (DE)
(73) Assignee: **SCHRAUBEN BETZER GMBH &**
CO KG
(**) Term: **15 Years**
(21) Appl. No.: **29/806,969**

3,218,905 A * 11/1965 Reiland F16B 25/0084
411/417
3,238,836 A * 3/1966 Johnson F16B 25/0078
411/387.4
3,339,952 A * 9/1967 Beckman F16B 25/0078
411/335
4,068,554 A * 1/1978 Hirabayashi F16B 25/0021
411/386
4,104,446 A * 8/1978 Johnson B21H 3/027
428/584
4,125,050 A * 11/1978 Schwartzman F16B 25/0084
411/387.8
4,192,217 A * 3/1980 Schwartzman F16B 25/0084
411/387.8

(Continued)

(22) Filed: **Sep. 8, 2021**

FOREIGN PATENT DOCUMENTS

(30) **Foreign Application Priority Data**

CN 302264847 * 1/2013
CN 302658706 * 11/2013

Mar. 8, 2021 (EM) 008452569-0003

(Continued)

(51) **LOC (14) Cl.** **08-08**

Primary Examiner — Sandra Snapp

(52) **U.S. Cl.**
USPC **D8/387**

Assistant Examiner — Ieisha N Price

(58) **Field of Classification Search**
USPC D8/387
CPC F16B 25/0084; F16B 25/106;
F16B 25/0078; F16B 25/0036
See application file for complete search history.

(57) **CLAIM**

The ornamental design for a screw, as shown and described.

(56) **References Cited**

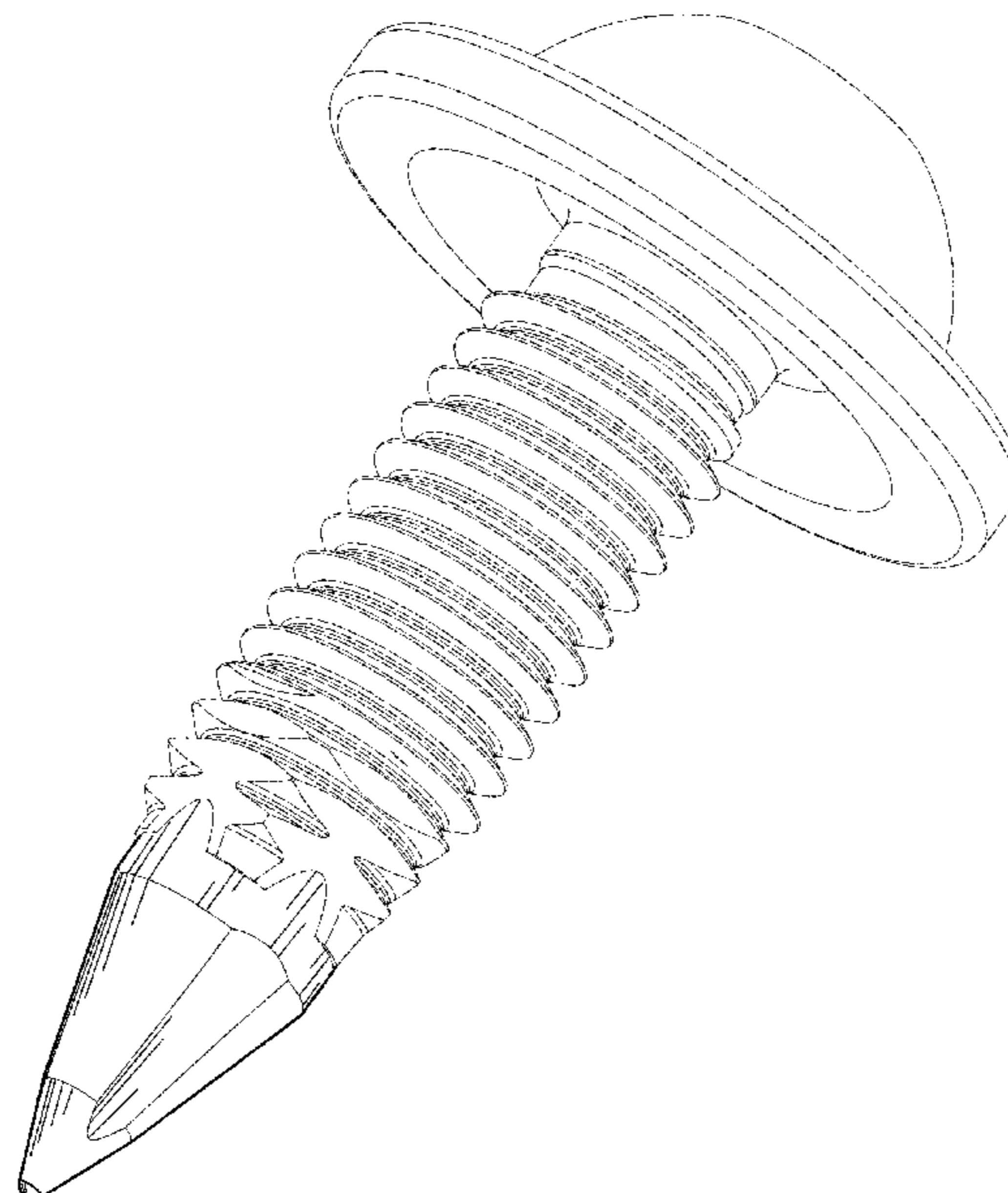
DESCRIPTION

U.S. PATENT DOCUMENTS

1,978,145 A * 10/1934 Rosenberg F16B 15/06
411/452
RE20,580 E * 12/1937 Brown F16B 25/0078
411/417
2,212,787 A * 8/1940 Miller F16B 15/00
411/452
2,558,379 A * 6/1951 Phipard, Jr. F16B 39/282
411/959
3,207,023 A * 9/1965 Friedrich F16B 25/0031
411/387.3

FIG. 1 is a front, left-side perspective view of the screw according to the invention.
FIG. 2 is a rear view of the screw.
FIG. 3 is a left view of the screw
FIG. 4 is a front view of the screw.
FIG. 5 is a right-side view of the screw.
FIG. 6 is a top plan view of the screw.
FIG. 7 is a bottom plan view of the screw; and,
FIG. 8 is a top, right-side perspective view of the screw.
The broken lines in the drawings illustrate portions of the screw and form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

4,718,802 A * 1/1988 Rockenfeller F16B 15/06
411/455
4,787,792 A * 11/1988 Jesson F16B 25/103
408/229
4,927,309 A * 5/1990 Sygnator F16B 15/00
411/499
5,120,172 A * 6/1992 Wakai F16B 25/0031
411/387.8
5,171,186 A * 12/1992 Lukes F16B 25/103
470/9
6,698,987 B1 * 3/2004 Dicke F16B 25/0031
411/399
7,156,600 B2 * 1/2007 Panasik B21H 3/02
411/416
D643,279 S * 8/2011 Crane D8/387
D708,509 S * 7/2014 Lin D8/387
D708,510 S * 7/2014 Lin D8/387
9,200,661 B2 * 12/2015 Bosco F16B 25/0078
D845,118 S * 4/2019 Liu D8/387
10,371,189 B2 * 8/2019 Ryan F16B 15/06
D867,865 S * 11/2019 Ryan D8/382
10,598,205 B2 * 3/2020 Simpson B21J 5/066
D892,605 S * 8/2020 Sokol D8/387
11,473,608 B2 * 10/2022 Kagami F16B 25/0021

2003/0143058 A1 * 7/2003 Takahashi F16B 35/048
411/387.4
2010/0247267 A1 * 9/2010 Bianchi F16B 25/0084
411/387.4
2011/0103917 A1 * 5/2011 Ernst F16B 25/0031
411/387.2
2011/0116894 A1 * 5/2011 Huang F16B 25/103
411/387.4
2011/0274516 A1 * 11/2011 Gstach F16B 25/0084
470/10
2013/0047414 A1 * 2/2013 Werthwein F16B 25/0078
29/525.12
2016/0312814 A1 * 10/2016 Gabriel C23C 2/26
2017/0016467 A1 * 1/2017 Wang F16B 25/0052
2017/0122357 A1 * 5/2017 Hou F16B 25/106
2018/0128305 A1 * 5/2018 Freis F16B 25/0021
2018/0209466 A1 * 7/2018 Chao F16B 25/0078
2022/0196061 A1 * 6/2022 Yi F16B 25/0057
2022/0316514 A1 * 10/2022 Lajewardi F16B 25/103

FOREIGN PATENT DOCUMENTS

CN 303674813 * 5/2016
KR 300838910.0000 * 2/2016
KR 301077716.0000 * 10/2020

* cited by examiner

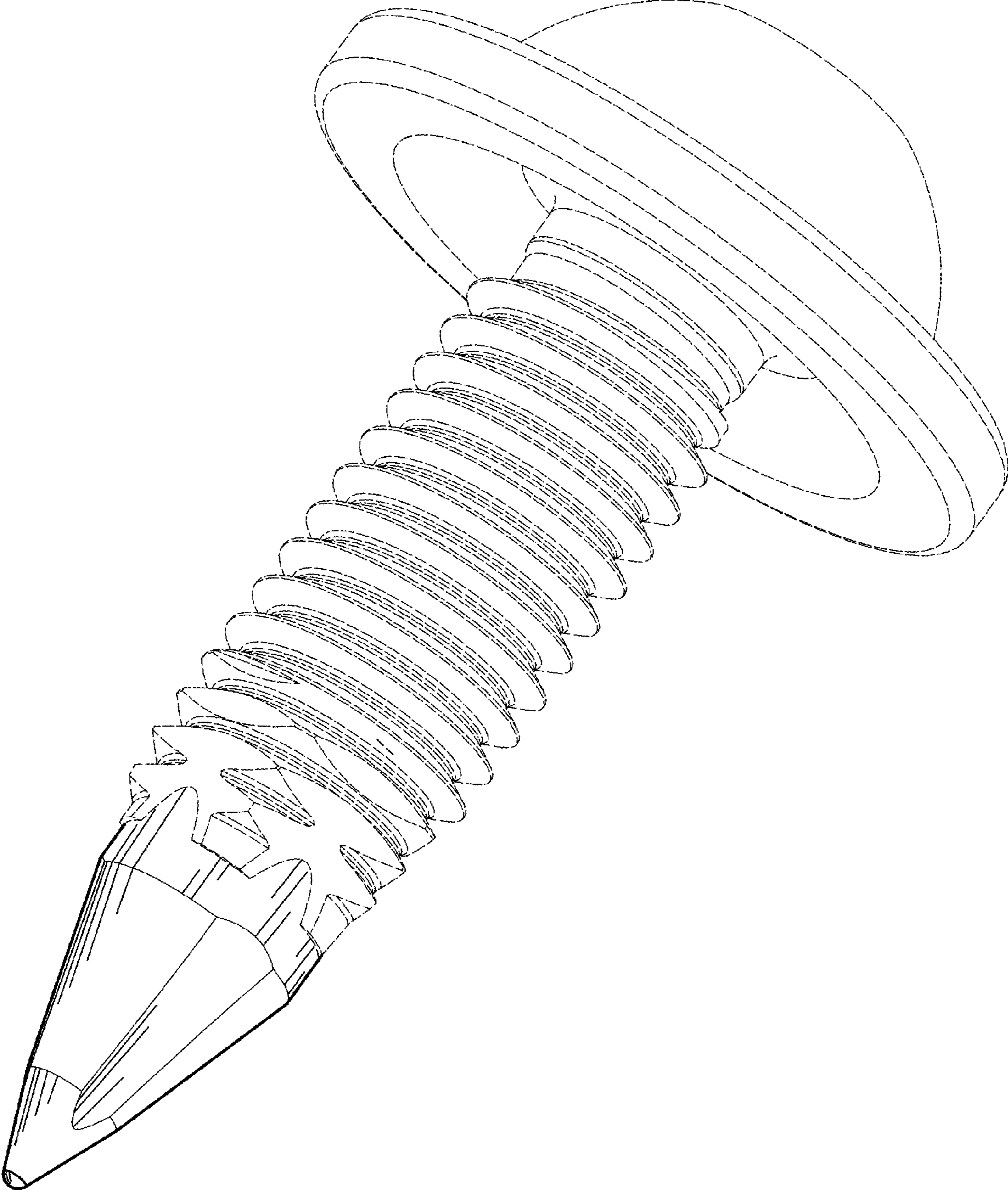


FIG. 1

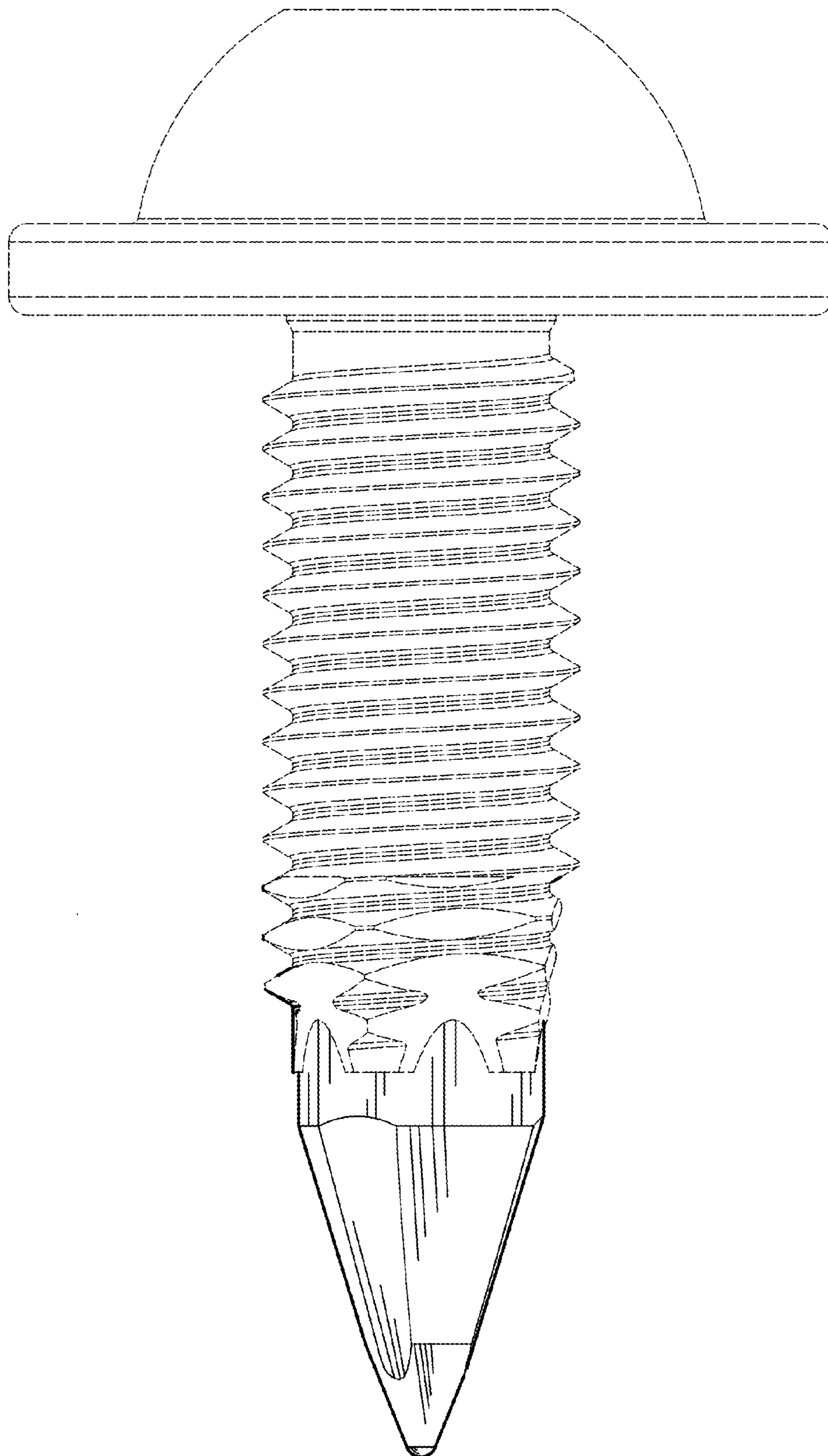


FIG. 2

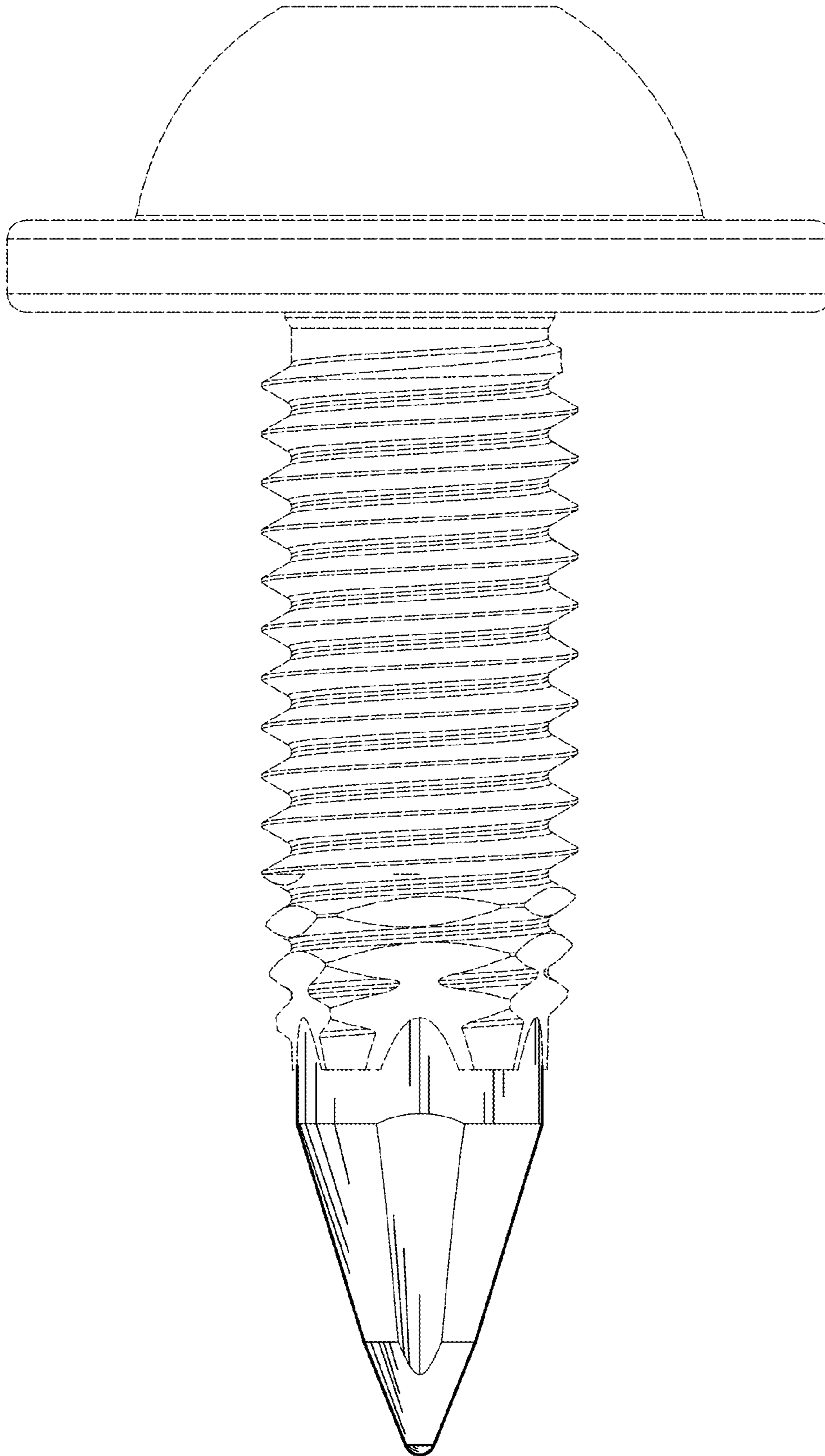


FIG. 3

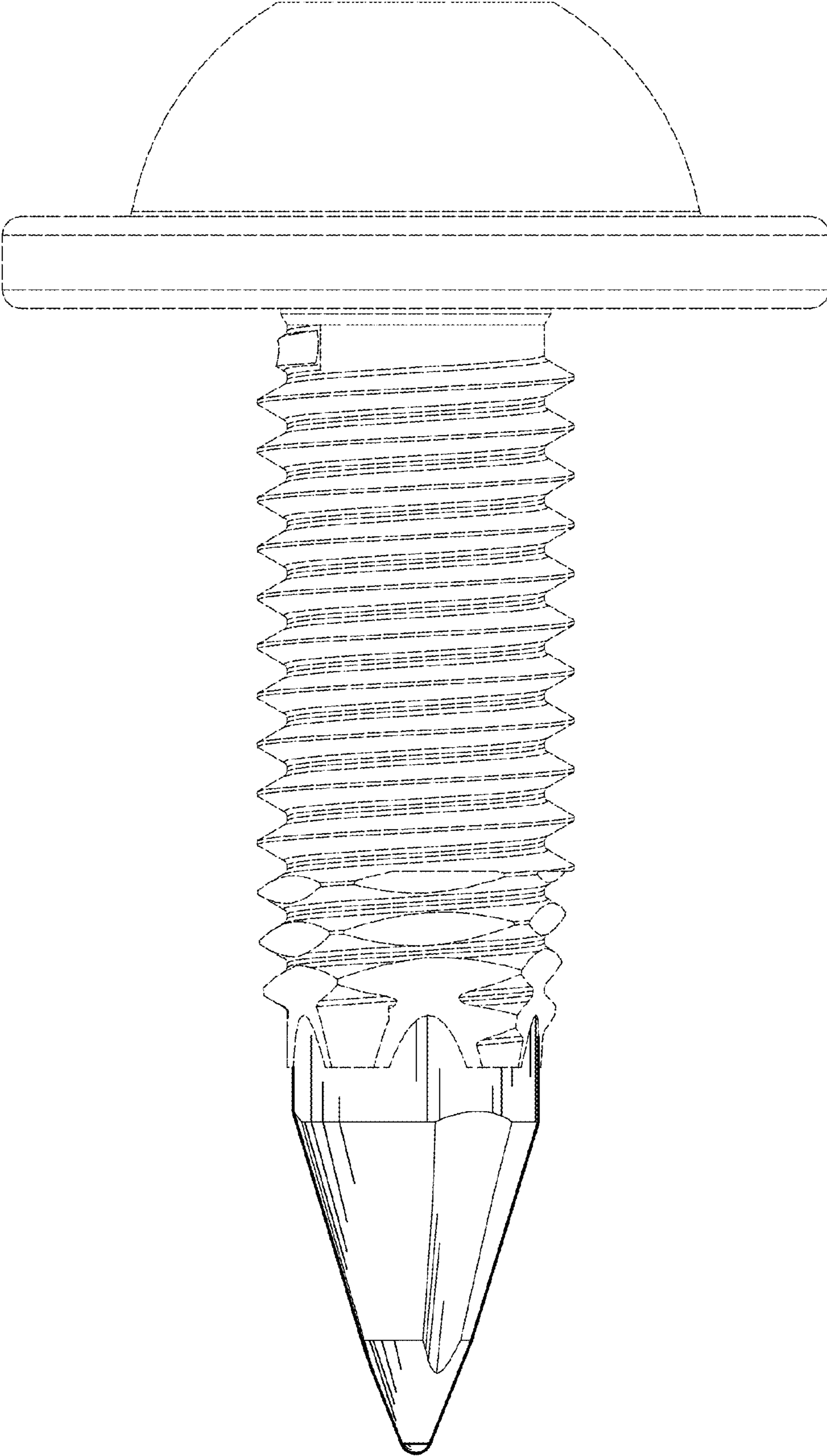


FIG. 4

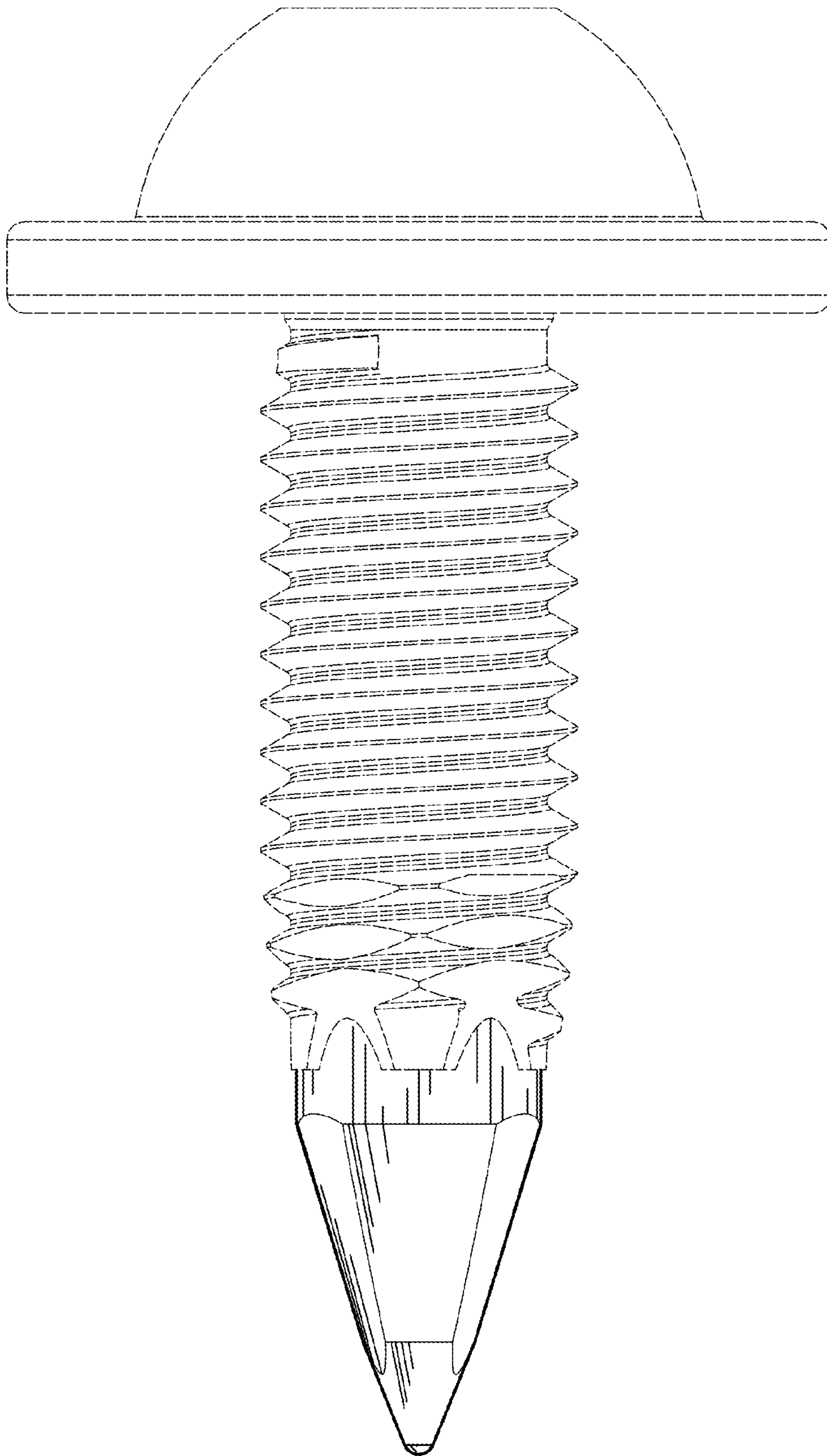


FIG. 5

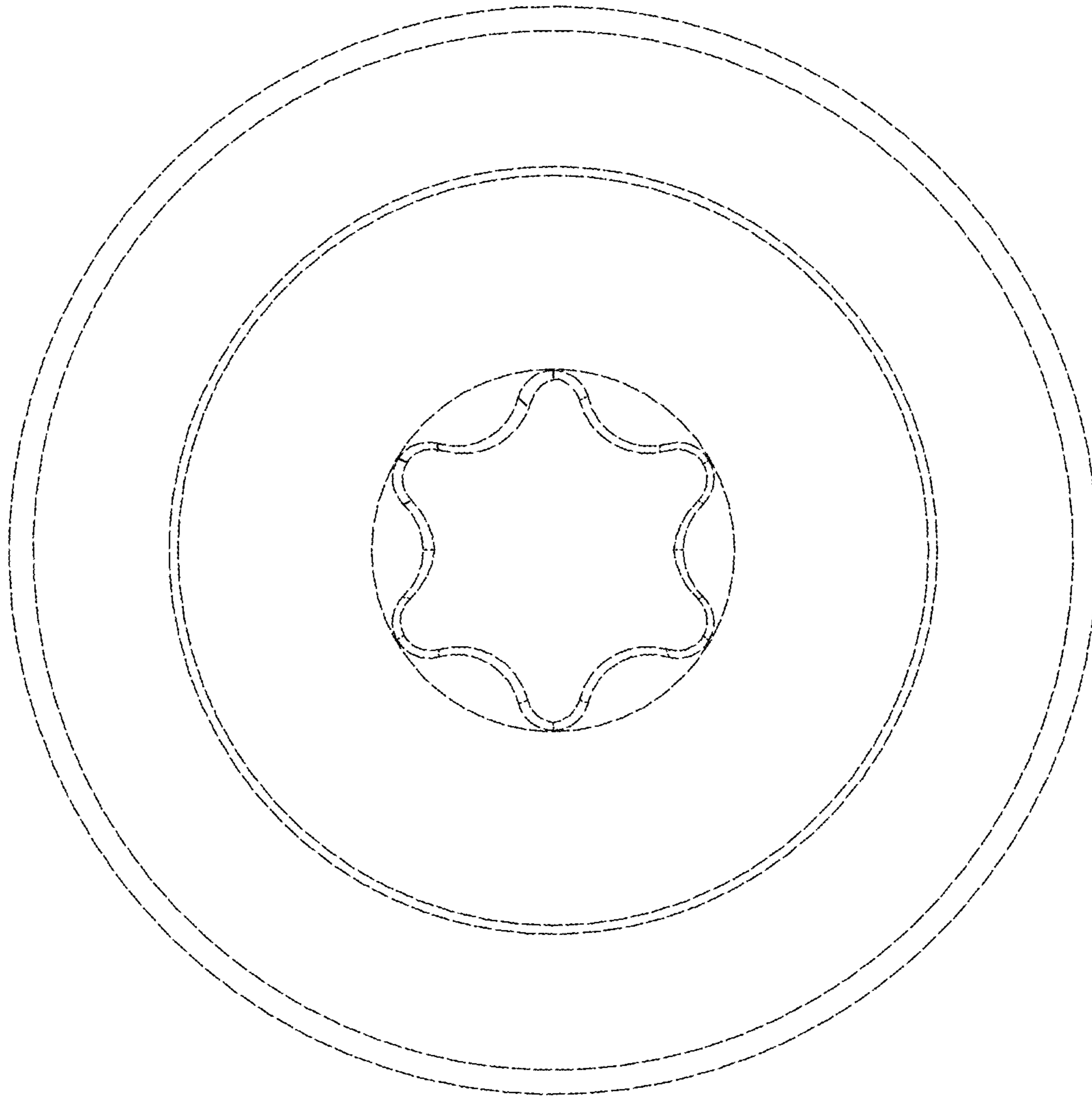


FIG. 6

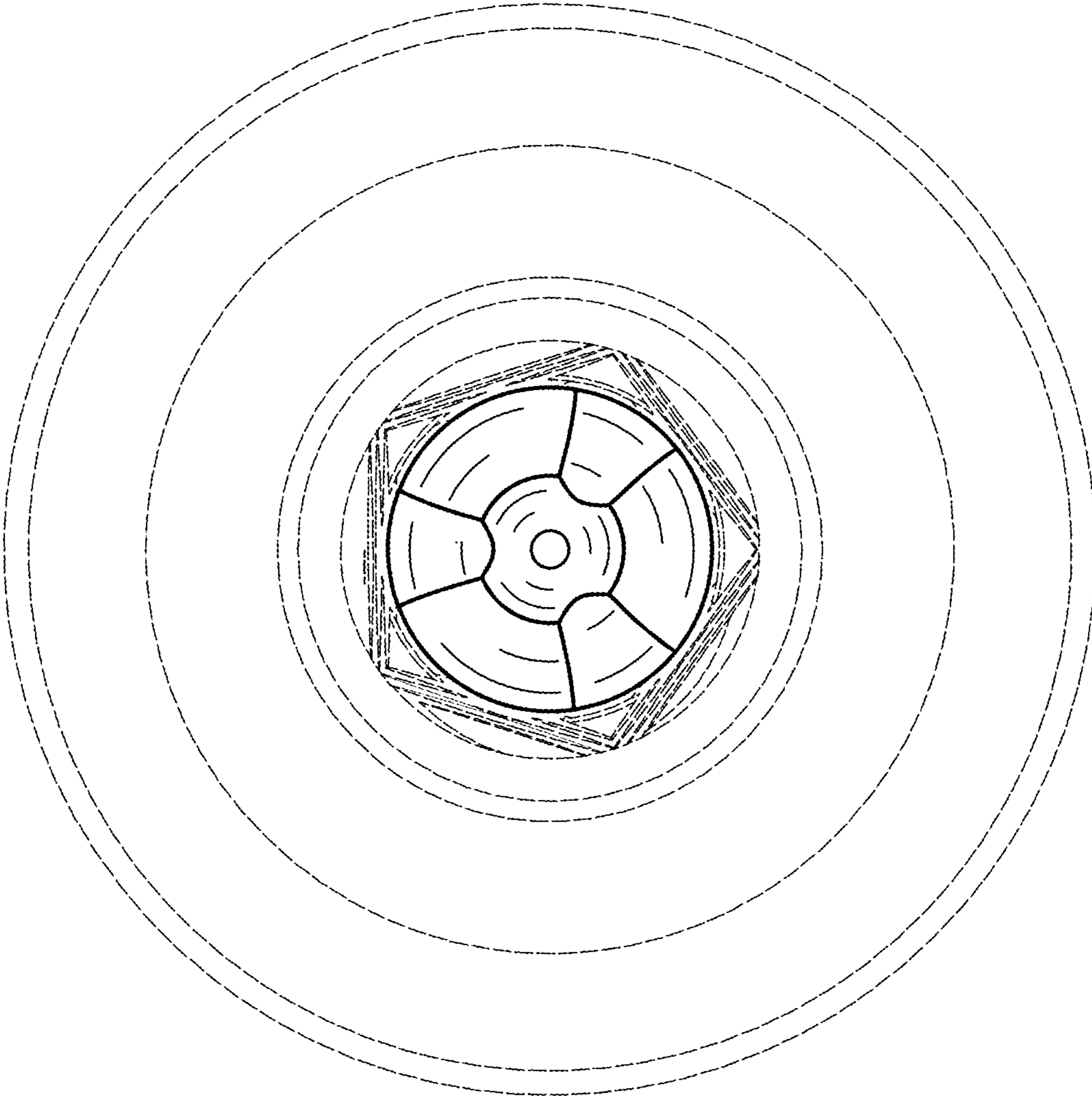


FIG. 7

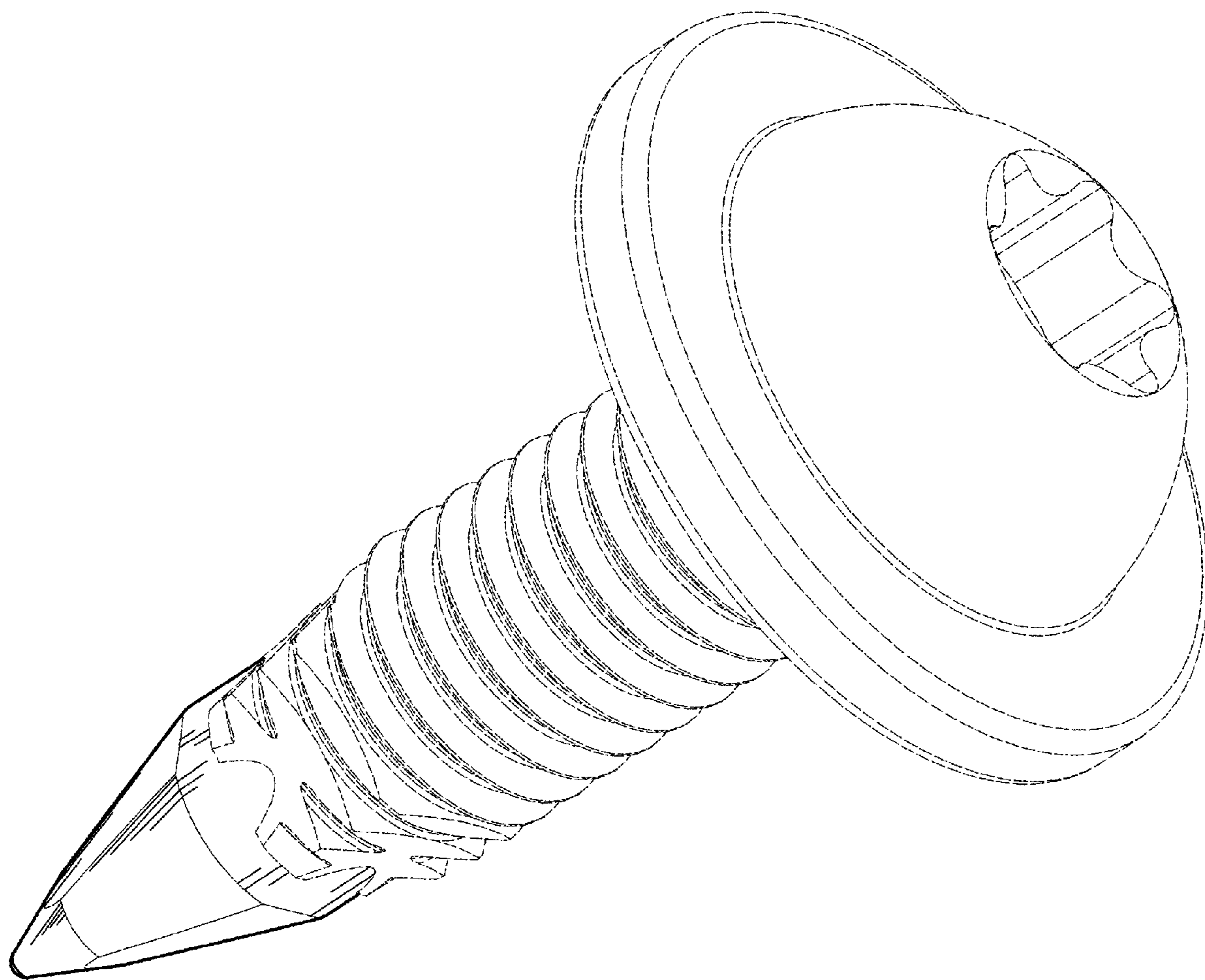


FIG. 8