



US00D677147S

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

(10) **Patent No.:** **US D677,147 S**
(45) **Date of Patent:** **** Mar. 5, 2013**

- (54) **SCREW**
- (75) Inventor: **Roger A. Vandenberg**, Hudsonville, MI (US)
- (73) Assignee: **National Nail Corp.**, Grand Rapids, MI (US)
- (**) Term: **14 Years**
- (21) Appl. No.: **29/424,179**
- (22) Filed: **Jun. 8, 2012**

- 5,064,324 A 11/1991 Ragaller
- 5,083,483 A 1/1992 Takagi
- 5,322,396 A 6/1994 Blacker
- 5,337,635 A 8/1994 Habermehl
- 5,341,706 A 8/1994 Takagi
- 5,351,586 A 10/1994 Habermehl et al.
- 5,452,630 A 9/1995 Haas et al.
- 5,469,767 A 11/1995 Habermehl
- 5,531,142 A 7/1996 Adamo
- 5,531,143 A 7/1996 Habermehl et al.
- 5,568,753 A 10/1996 Habermehl et al.
- 5,570,618 A 11/1996 Habermehl et al.
- 5,687,624 A 11/1997 Tsuge et al.
- D391,135 S 2/1998 Habermehl et al.
- 5,839,332 A 11/1998 Fujiyama et al.

(Continued)

Related U.S. Application Data

- (60) Division of application No. 29/402,529, filed on Sep. 23, 2011, now Pat. No. Des. 662,808, which is a continuation of application No. 12/908,549, filed on Oct. 20, 2010, said application No. 29/402,529 is a continuation of application No. 12/908,531, filed on Oct. 20, 2010.

FOREIGN PATENT DOCUMENTS

- CA 1242601 10/1988
- CH 695482 6/2006

(Continued)

- (51) **LOC (9) Cl.** **08-08**
- (52) **U.S. Cl.** **D8/387**
- (58) **Field of Classification Search** D8/387, D8/388, 384, 391; 411/403, 337, 378, 410, 411/402, 411, 393, 405, 412, 481, 387.1, 411/388, 383

OTHER PUBLICATIONS

Fiberon DeckPilot Mar. 2009.

(Continued)

See application file for complete search history.

Primary Examiner — Sheryl Lane

(74) *Attorney, Agent, or Firm* — Warner Norcross & Judd LLP

(57) **CLAIM**

The ornamental design for screw, as shown and described.

- (56) **References Cited**

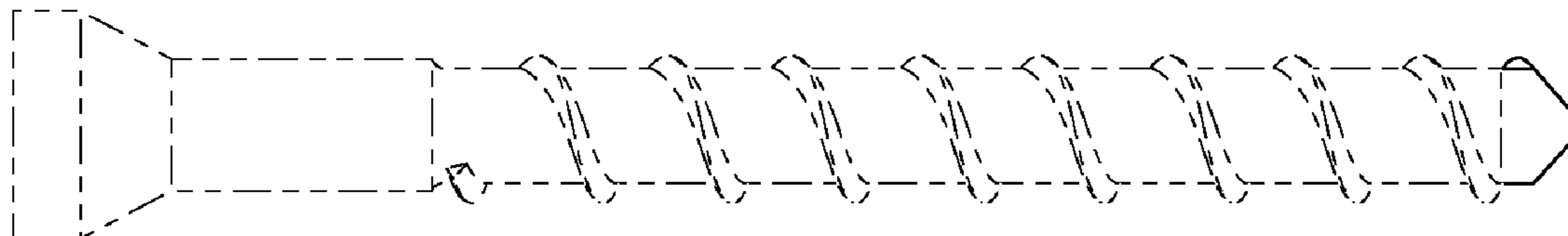
DESCRIPTION

U.S. PATENT DOCUMENTS

- 126,366 A 4/1872 Wills
- 137,414 A 4/1873 Burdick
- 138,784 A 5/1873 Bourn
- 411,202 A 9/1889 Rose
- 2,774,969 A 12/1956 Samples
- 2,994,878 A 8/1961 Abrahamsen
- 3,010,496 A 11/1961 Bruce
- 3,012,247 A 12/1961 Sillars
- 3,147,484 A 9/1964 Nelson
- 3,316,949 A 5/1967 Canfield
- 3,360,176 A 12/1967 Gehl
- 3,942,405 A 3/1976 Wagner
- 4,018,254 A 4/1977 DeCaro
- 4,146,071 A 3/1979 Mueller et al.
- 4,625,597 A 12/1986 Cast

FIG. 1 is a side view of the screw embodying the new design; FIG. 2 is a second side view thereof; FIG. 3 is a third side view thereof; FIG. 4 is a top view thereof; FIG. 5 is a point end view thereof; and, FIG. 6 is a close up perspective view thereof. FIGS. 1-6 show features of a screw in phantom lines. These features are shown for environmental purposes and do not form any part of the claimed design. The phantom lines immediately adjacent to the solid line portions of the design form the boundary of the design, with the phantom lines forming no part of the claimed design.

1 Claim, 2 Drawing Sheets



US D677,147 S

Page 2

U.S. PATENT DOCUMENTS

5,871,486 A 2/1999 Huebner et al.
 5,884,541 A 3/1999 Habermehl et al.
 5,904,079 A 5/1999 Tsuge et al.
 5,918,512 A 7/1999 Habermehl et al.
 5,927,163 A 7/1999 Habermehl et al.
 5,934,162 A 8/1999 Habermehl
 5,988,025 A 11/1999 Sasaki et al.
 6,027,004 A 2/2000 Ramella et al.
 6,089,132 A 7/2000 Habermehl
 6,098,442 A 8/2000 Walldorf et al.
 6,109,144 A 8/2000 Muro
 6,109,146 A 8/2000 Muro
 6,244,140 B1 6/2001 Habermehl
 6,394,712 B1 5/2002 Weinstein et al.
 6,425,306 B1 7/2002 Habermehl
 6,439,085 B1 8/2002 Habermehl
 6,453,780 B2 9/2002 Habermehl
 6,481,937 B1 11/2002 Sommerfeld et al.
 D469,007 S 1/2003 Chen et al.
 6,592,015 B1 7/2003 Gostylla et al.
 6,601,480 B1 8/2003 Habermehl
 6,769,332 B2 8/2004 Muro
 6,843,402 B2 1/2005 Sims et al.
 6,887,023 B1 5/2005 Lu et al.
 6,915,724 B2 7/2005 Kigel et al.
 6,941,847 B2 9/2005 Habermehl et al.
 7,044,460 B2 5/2006 Bolton
 7,090,453 B2 8/2006 Lin
 7,165,481 B2 1/2007 Kikuchi
 7,231,854 B2 6/2007 Kikuchi
 D557,130 S 12/2007 Kashikura et al.
 D557,131 S 12/2007 Liu
 7,344,057 B2 3/2008 Dion et al.
 D567,644 S 4/2008 Liu
 7,424,840 B1 9/2008 Huang
 7,454,996 B2 11/2008 Hsu
 D581,776 S 12/2008 Yin-Feng
 7,487,699 B2 2/2009 Xu
 D604,153 S 11/2009 Wantz
 7,682,118 B2 3/2010 Gong et al.
 7,682,119 B2 3/2010 Chen
 D614,942 S 5/2010 Gaudron

7,866,236 B2 1/2011 Hsu
 D634,186 S 3/2011 Kemper
 D637,896 S 5/2011 Dotsey
 7,950,312 B2 5/2011 Matthiesen et al.
 7,992,469 B2 8/2011 Chang et al.
 D647,393 S 10/2011 Carrillo et al.
 8,162,196 B2 4/2012 Gasser et al.
 D662,808 S * 7/2012 Vandenberg D8/387
 2005/0278934 A1 12/2005 Orchard
 2008/0264218 A1 10/2008 Wang et al.
 2008/0276761 A1 11/2008 Hale et al.
 2008/0296341 A1 12/2008 Francescon
 2009/0314143 A1 12/2009 Chen
 2010/0083610 A1 4/2010 King
 2011/0232430 A1 9/2011 Hale
 2012/0000327 A1 1/2012 Park
 2012/0048909 A1 3/2012 Gensmann et al.
 2012/0073410 A1 3/2012 Hoffman et al.

FOREIGN PATENT DOCUMENTS

DE 4228727 3/1994
 DE 4331689 3/1994
 EP 1595627 11/2005
 EP 1920890 5/2008
 EP 1932623 6/2008
 EP 1938928 7/2008
 EP 2258518 12/2010
 EP 2397706 12/2011
 EP 2076362 3/2012
 GB 191001226 12/1910
 GB 167620 8/1921
 GB 1009630 11/1965
 GB 2127927 4/1984
 JP 7217625 8/1995
 JP 10329049 12/1998
 JP 2000257616 9/2000
 JP 2004308732 11/2004
 WO 2007091487 8/2007

OTHER PUBLICATIONS

Fiberon DeckPilot Dec. 2009.

* cited by examiner

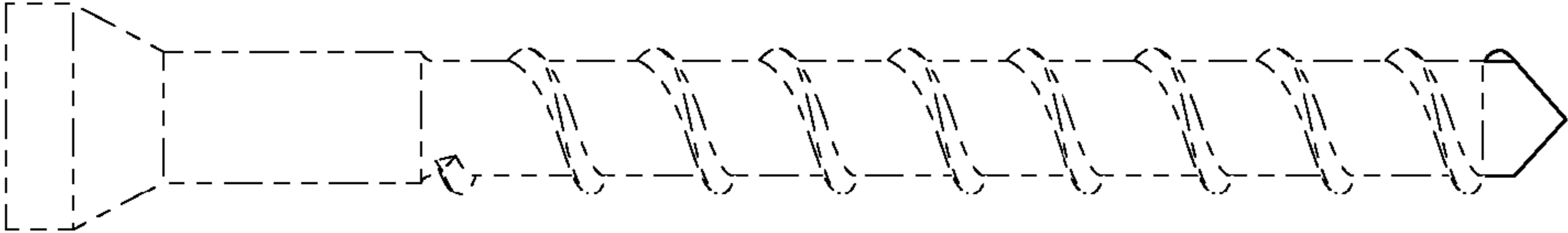


Fig. 1

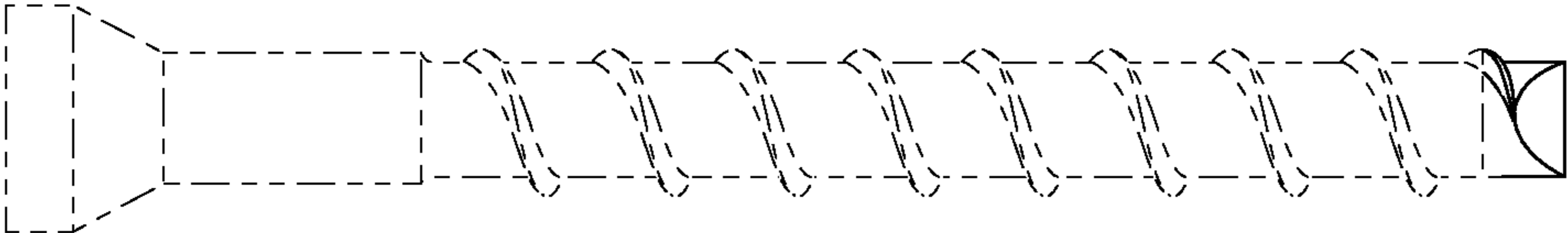


Fig. 2

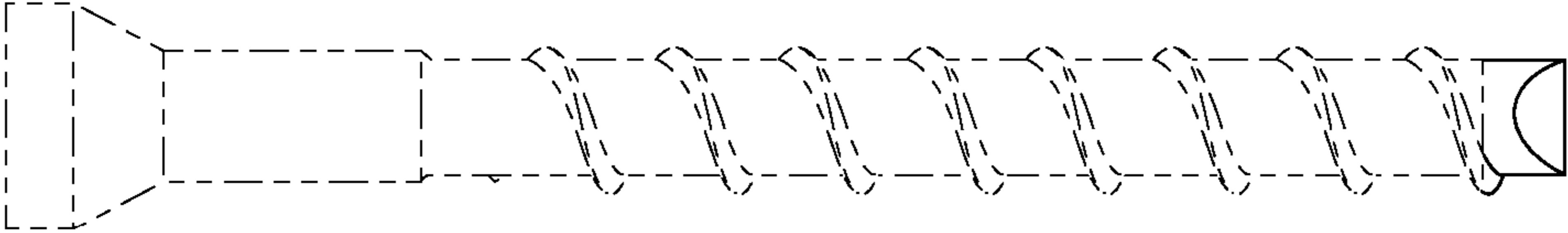


Fig. 3

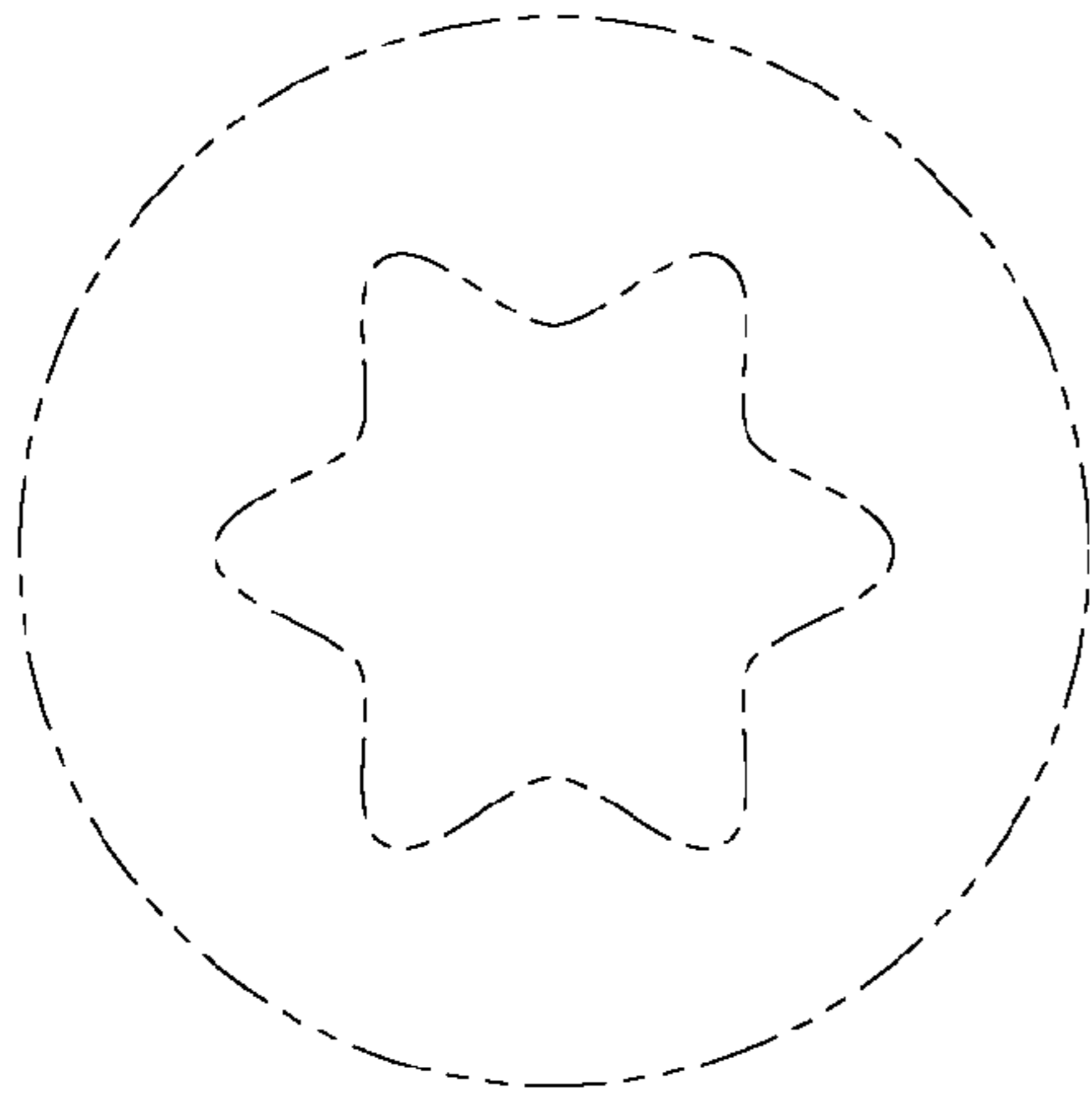


Fig. 4

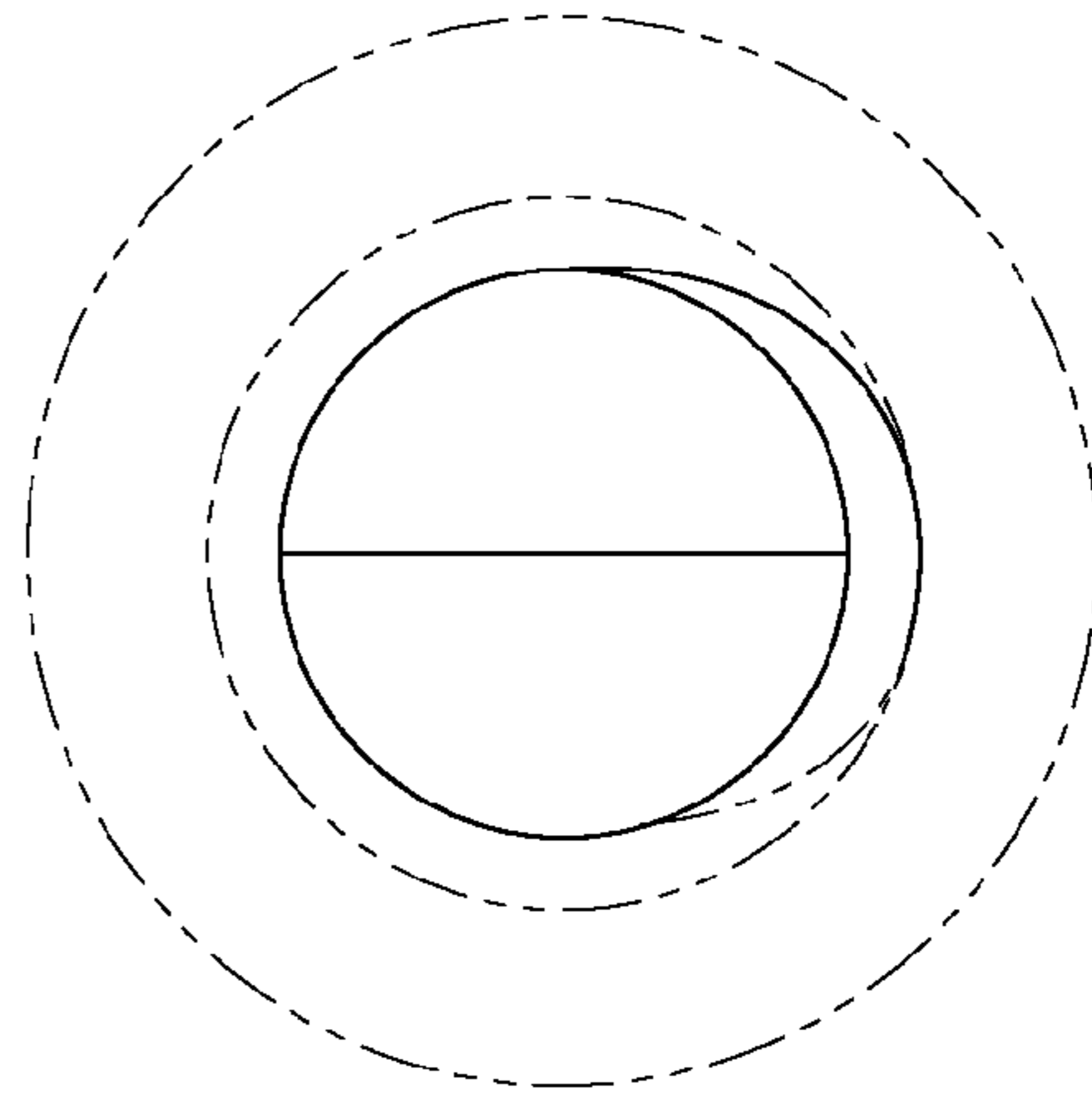


Fig. 5

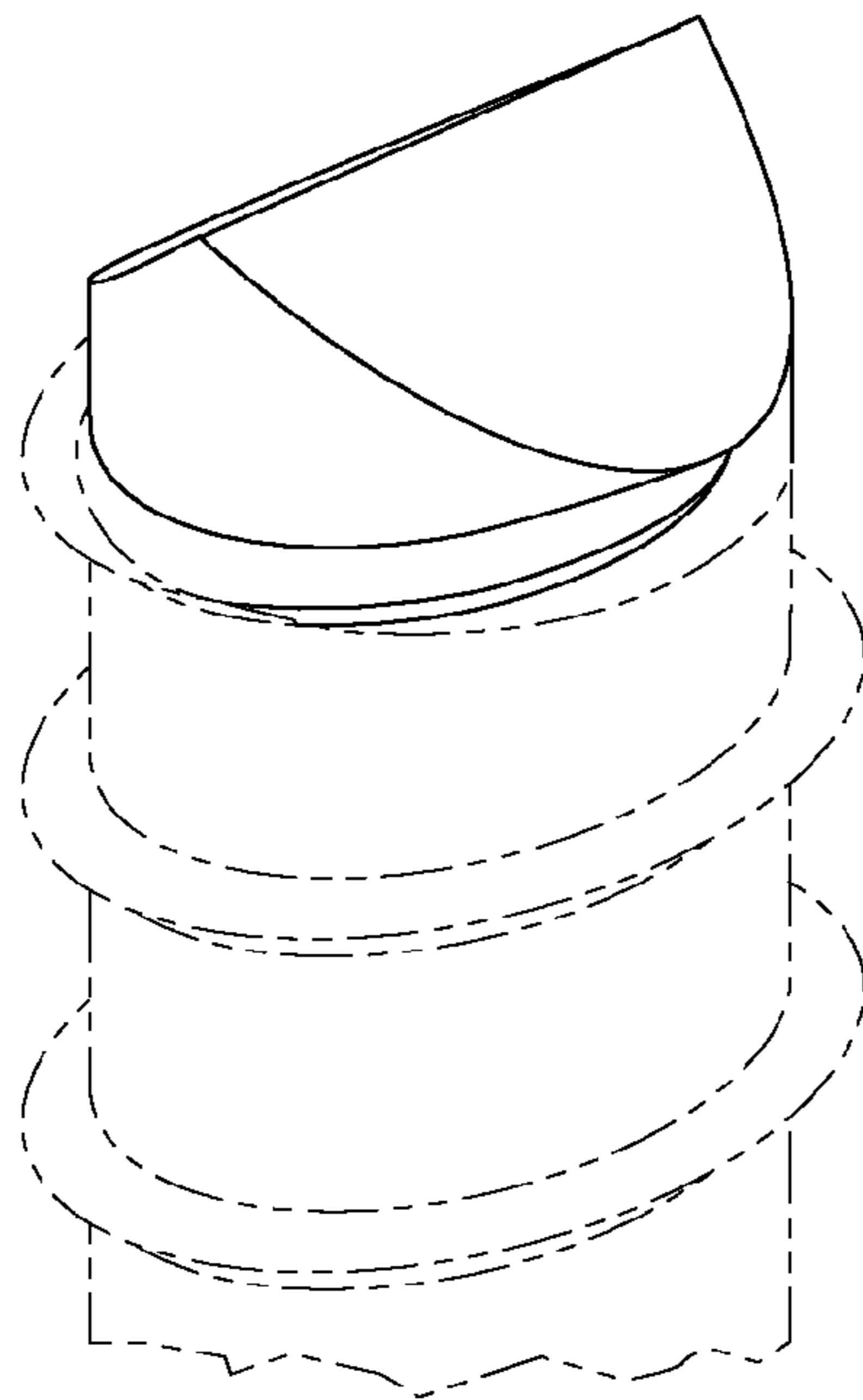


Fig. 6

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : D677,147 S
APPLICATION NO. : 29/424179
DATED : March 5, 2013
INVENTOR(S) : Vandenberg

Page 1 of 1

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Title Page, under heading Related U.S. Application Data:

“(60) Division of application No. 29/402,529, filed on Sep. 23, 2011, now Pat No. Des. 662,808, which is a continuation of application No. 12/908,549, filed on Oct. 20, 2010, said application No. 29/402,529 is a continuation of application No. 12/908,531, filed on Oct. 20, 2010.”

should be

--(63) Division of application No. 29/402,529, filed on Sep. 23, 2011, now Pat No. Des. 662,808, which is a continuation of application No. 12/908,549, filed on Oct. 20, 2010, said application No. 29/402,529 is a continuation of application No. 12/908,531, filed on Oct. 20, 2010.

(60) Provisional application 61/294,681, filed on Jan. 13, 2010, and provisional application 61/320,128, filed on Apr. 1, 2010.--

Signed and Sealed this
Thirtieth Day of April, 2013



Teresa Stanek Rea
Acting Director of the United States Patent and Trademark Office