



US00D884466S

(12) **United States Design Patent** (10) **Patent No.:** **US D884,466 S**  
**Ryan et al.** (45) **Date of Patent:** **\*\* \*May 19, 2020**

(54) **NAIL WITH A HEAD HAVING AN INWARDLY CURVED TOP SURFACE**

(56) **References Cited**

U.S. PATENT DOCUMENTS

(71) Applicant: **Illinois Tool Works Inc.**, Glenview, IL (US)

D10,057 S 6/1877 Krickl  
257,351 A 5/1882 Lubin  
348,126 A 8/1886 Jones  
364,302 A 6/1887 Rogers  
364,439 A 6/1887 Rogers  
368,687 A 8/1887 Rogers

(72) Inventors: **Patrick Ryan**, Arlington Heights, IL (US); **Genaro Cortez**, Bolingbrook, IL (US)

(Continued)

(73) Assignee: **Illinois Tool Works Inc.**, Glenview, IL (US)

*Primary Examiner* — Lilyana Bekic  
*Assistant Examiner* — Ieisha N Price  
(74) *Attorney, Agent, or Firm* — Neal, Gerber & Eisenberg LLP

(\*) Notice: This patent is subject to a terminal disclaimer.

(57) **CLAIM**

(\*\*) Term: **15 Years**

The ornamental design for a nail with a head having an inwardly curved top surface, as shown and described.

(21) Appl. No.: **29/701,003**

**DESCRIPTION**

(22) Filed: **Aug. 7, 2019**

This application is related to the following commonly owned co-pending patent application: U.S. application Ser. No. 16/447,408, entitled "Nail with a Head Having an Inwardly Curved Top Surface".

**Related U.S. Application Data**

(60) Division of application No. 29/674,116, filed on Dec. 19, 2018, which is a division of application No. 29/645,030, filed on Apr. 23, 2018, now abandoned, which is a continuation of application No. 29/594,828, filed on Feb. 22, 2017, now abandoned.

FIG. 1 is a top-perspective view of the nail with a head having an inwardly curved top surface of our new design. FIG. 2 is a front-side-elevational view of the nail with a head having an inwardly curved top surface of FIG. 1, the back-side-, right-side-, and left-side-elevational views being identical thereto.

(51) **LOC (12) Cl.** ..... **08-08**

FIG. 3 is a top-plan view of the nail with a head having an inwardly curved top surface of FIG. 1.

(52) **U.S. Cl.**  
USPC ..... **D8/387**; D8/391

FIG. 4 is a bottom-plan view of the nail with a head having an inwardly curved top surface of FIG. 1; and,

(58) **Field of Classification Search**  
USPC ..... D8/349, 382, 387, 385, 388, 391, 393  
CPC ..... F16B 15/00; F16B 15/06; F16B 23/00;  
F16B 23/0061; F16B 23/0007; F16B  
25/0036; F16B 35/04; F16B 35/06; F16B  
35/041

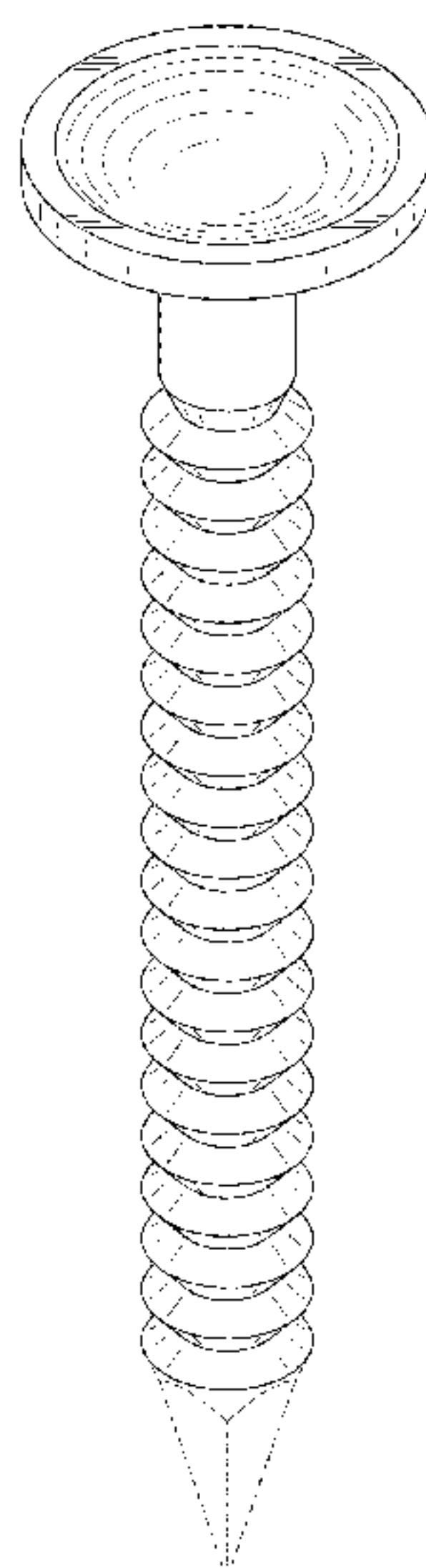
FIG. 5 is a cross-sectional-front-side-elevational view of the nail with a head having an inwardly curved top surface of FIG. 1 taken along line 5-5 of FIG. 3.

The broken lines in the drawings illustrate portions of the nail with a head having an inwardly curved top surface and form no part of the claimed design.

The dot-dot-dash broken line rendered in FIG. 5 defines the bounds of the claim and form no part thereof.

See application file for complete search history.

**1 Claim, 2 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

D18,491 S 7/1888 Jones  
 398,260 A 2/1889 Husted  
 410,698 A 9/1889 Rogers  
 1,375,633 A 4/1921 Hamilton  
 1,428,247 A 9/1922 Morris  
 1,497,859 A 6/1924 Lilly  
 1,591,810 A 7/1926 Dobbs  
 1,623,465 A 4/1927 Curtis  
 1,625,911 A 4/1927 Richards  
 1,656,333 A 1/1928 Lund  
 1,751,800 A 3/1930 Dickson  
 1,801,077 A 4/1931 Gentry  
 D101,973 S 11/1936 Schuster  
 2,086,086 A 7/1937 Lassonde  
 2,093,610 A 9/1937 Kraemer  
 2,126,585 A 8/1938 Stone  
 2,317,231 A 4/1943 Swedman  
 2,353,110 A 7/1944 Camp  
 2,558,379 A 6/1951 Phipard, Jr.  
 2,864,276 A 12/1958 Parker  
 D188,950 S 10/1960 Miller  
 3,009,382 A 11/1961 Salka  
 D197,188 S 12/1963 Anderson  
 3,112,667 A 12/1963 Brentlinger  
 D211,661 S 7/1968 Holub  
 3,459,095 A 8/1969 Luciano  
 3,606,344 A 9/1971 Ball  
 D233,018 S 10/1974 Strayer  
 3,861,527 A 1/1975 Perkins  
 3,921,496 A 11/1975 Helderman  
 3,922,828 A 12/1975 Patton  
 4,011,785 A 3/1977 Schrepferman  
 4,516,780 A 5/1985 Tabet  
 4,588,152 A 5/1986 Ruehl et al.  
 4,687,393 A 8/1987 Thompson  
 4,718,802 A \* 1/1988 Rockenfeller ..... F16B 15/06  
 411/421  
 4,781,508 A 11/1988 Schroeder et al.  
 4,927,309 A 5/1990 Sygnator  
 5,178,503 A 1/1993 Losada

5,188,496 A 2/1993 Giannuzzi  
 5,329,653 A 7/1994 Hultgren  
 5,391,029 A 2/1995 Fardell  
 5,562,376 A 10/1996 Fischer  
 5,571,055 A 11/1996 Lewis et al.  
 5,709,332 A 1/1998 Coop  
 5,810,534 A \* 9/1998 Carlisle ..... F16B 15/06  
 411/455  
 D482,086 S 11/2003 Metz  
 6,789,989 B2 9/2004 Walther  
 D517,622 S 3/2006 Barouh  
 7,207,761 B2 \* 4/2007 Dill ..... F16B 15/06  
 411/440  
 D572,323 S 7/2008 Merullo  
 D601,004 S \* 9/2009 Hagins ..... D8/387  
 D614,942 S 5/2010 Gaudron  
 D637,071 S 5/2011 Gaudron  
 8,740,956 B2 6/2014 Smith  
 D733,547 S 7/2015 Mazur  
 D843,201 S \* 3/2019 Morey ..... D8/391  
 D856,788 S \* 8/2019 Morey ..... D8/391  
 2003/0024194 A1 2/2003 Schmid  
 2004/0047713 A1 3/2004 Jung  
 2007/0025829 A1 2/2007 Sutt, Jr.  
 2008/0019798 A1 1/2008 Lee  
 2008/0175689 A1 7/2008 Vagedes  
 2009/0155021 A1 6/2009 Versino et al.  
 2009/0290957 A1 11/2009 Ho  
 2011/0182695 A1 7/2011 Beck  
 2013/0174629 A1 7/2013 Kim  
 2015/0071734 A1 3/2015 Vallejo  
 2016/0186793 A1 6/2016 Walworth et al.  
 2016/0278834 A1 9/2016 Bayer et al.  
 2016/0312814 A1 10/2016 Gabriel et al.  
 2017/0030392 A1 2/2017 Taneichi  
 2017/0030394 A1 2/2017 Zimmerman  
 2017/0129196 A1 5/2017 Zhu et al.  
 2017/0298974 A1 10/2017 Sutt, Jr.  
 2018/0142723 A1 5/2018 Craven, Jr.  
 2018/0238368 A1 \* 8/2018 Ryan ..... F16B 15/06  
 2018/0298577 A1 \* 10/2018 Morey ..... A01G 9/28

\* cited by examiner

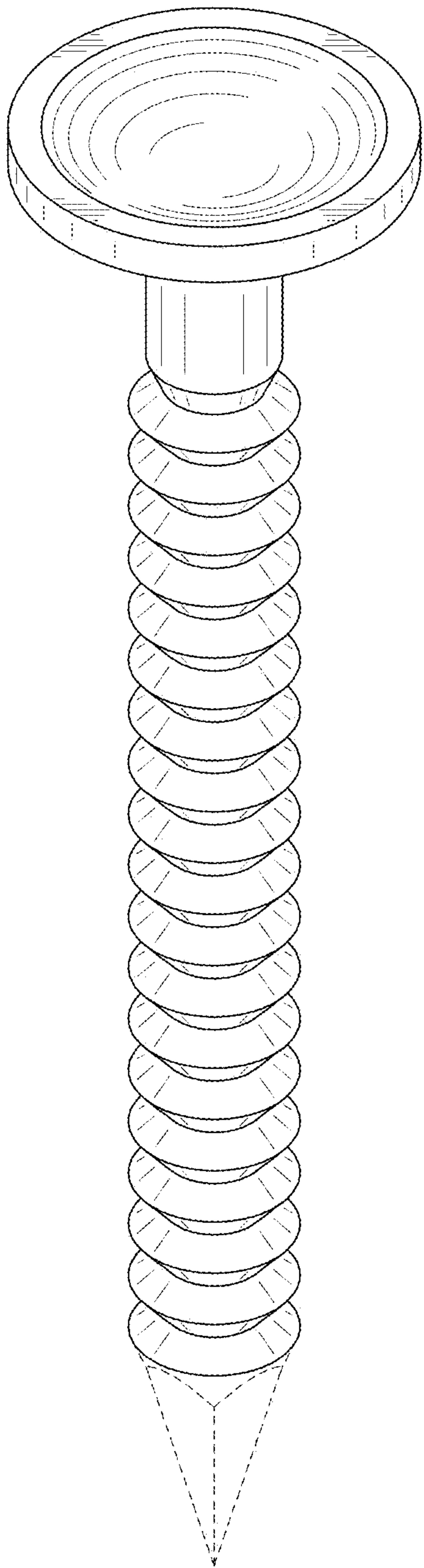


FIG. 1

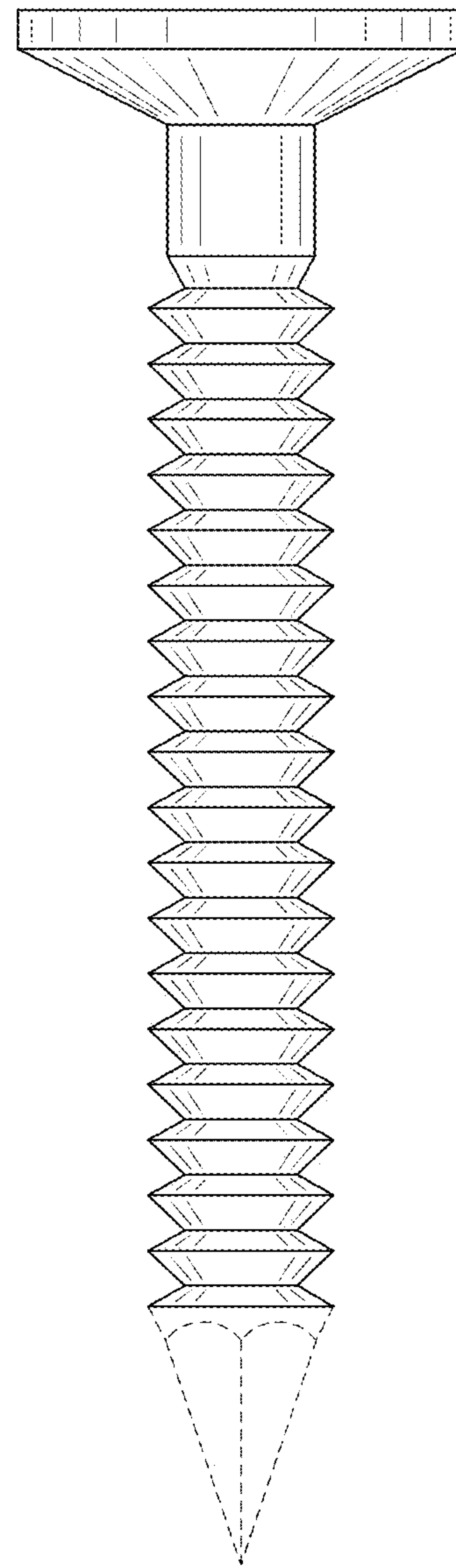


FIG. 2



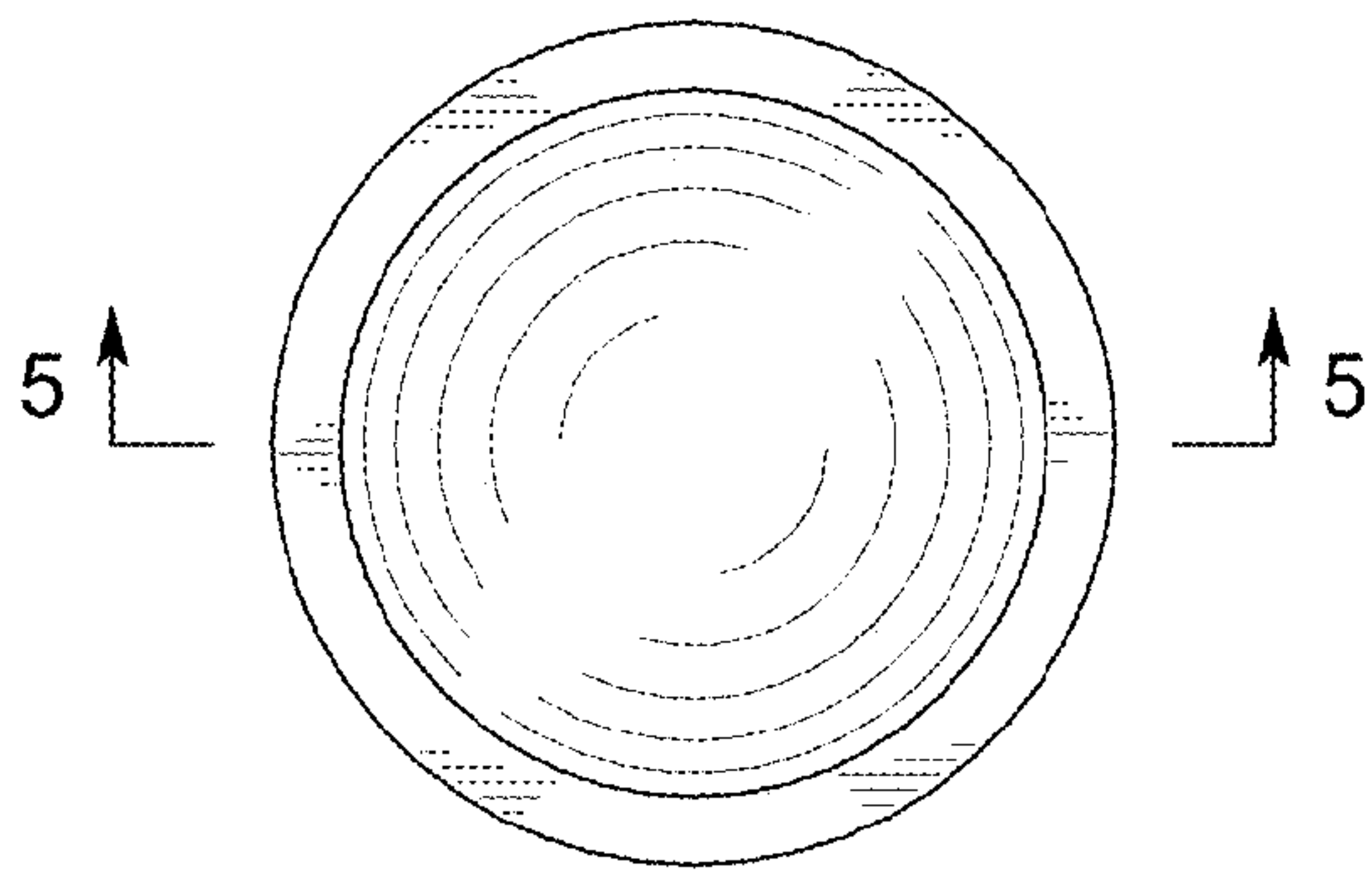


FIG. 3

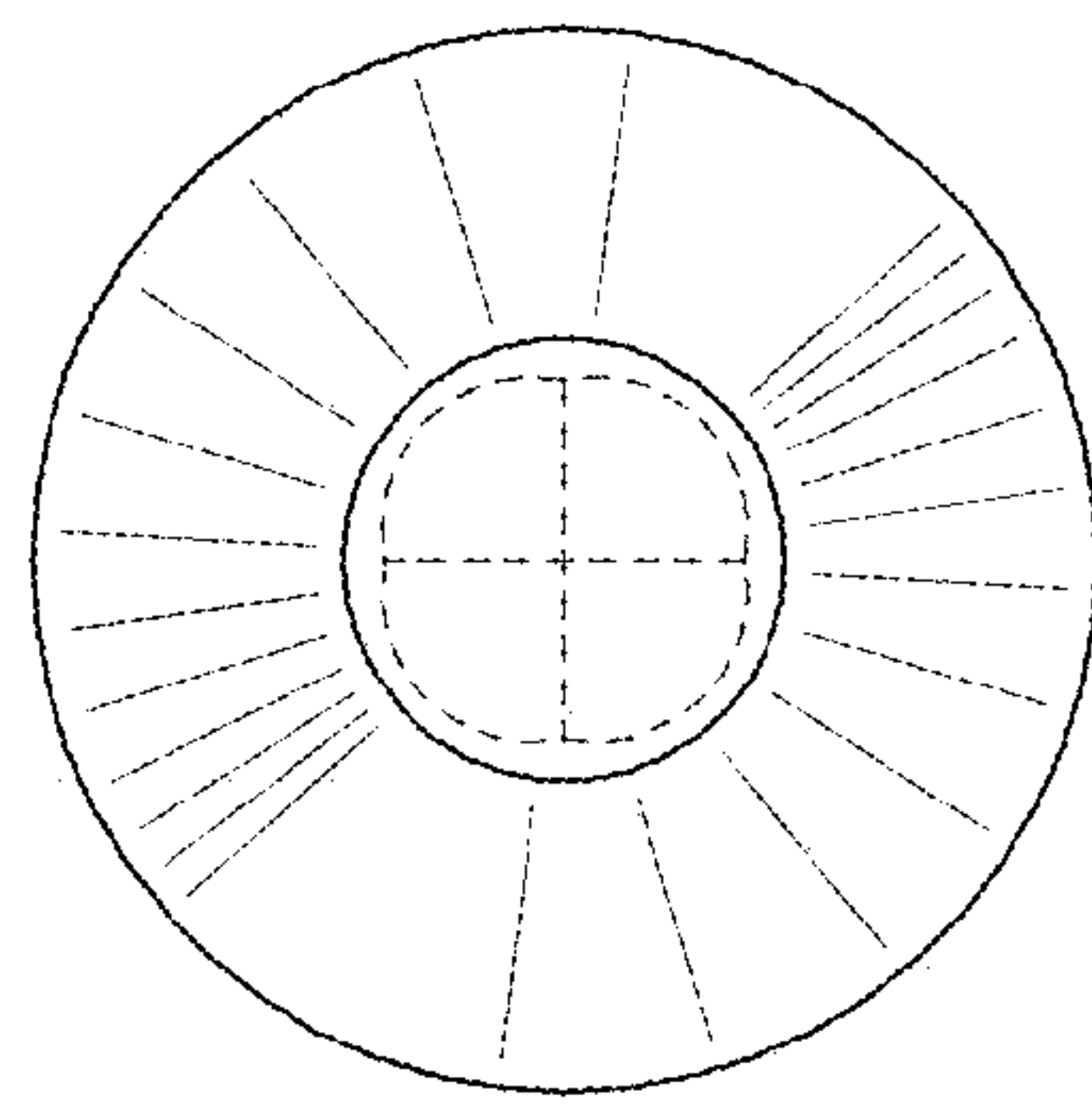


FIG. 4

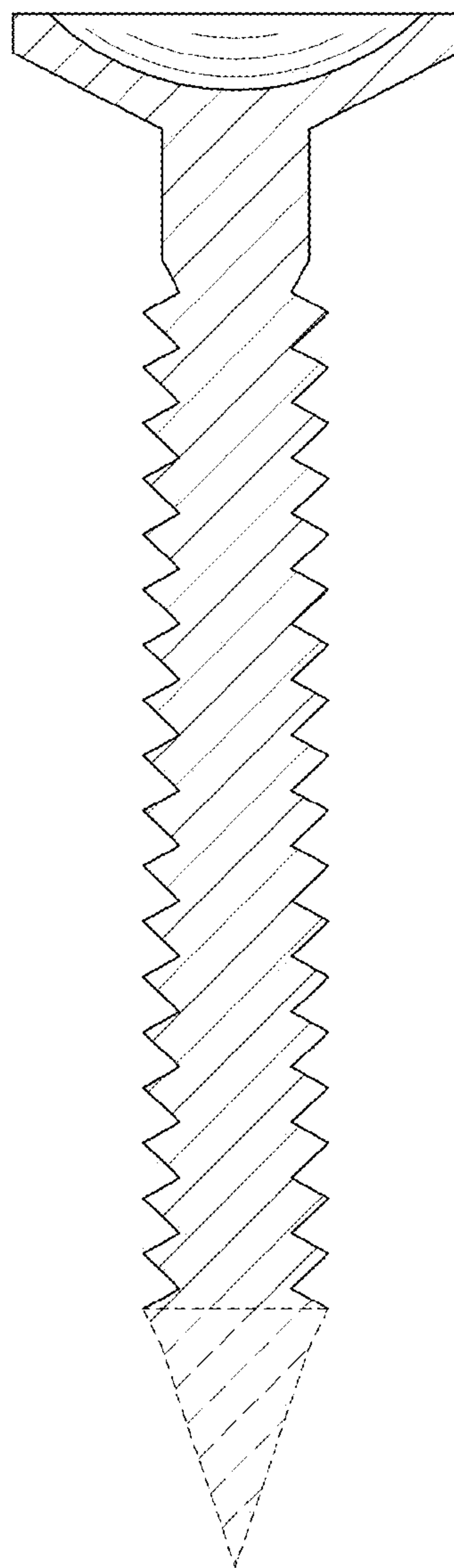


FIG. 5