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(12) **United States Design Patent**
Scott et al.

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- (54) **SELF TAPPING ANCHOR**
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5,139,499 A * 8/1992 Small A61B 17/864
606/104

5,160,225 A 11/1992 Chern
5,188,496 A 2/1993 Giannuzzi
5,380,323 A * 1/1995 Howland A61B 17/7041
606/264

5,449,257 A 9/1995 Giannuzzi
(Continued)

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- (51) **LOC (12) Cl.** **08-08**
- (52) **U.S. Cl.**
USPC **D8/387**

- (58) **Field of Classification Search**
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E21D 21/0033; E21D 21/004; E21D
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- See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- D264,807 S 6/1982 Baumgartner
- D284,267 S 6/1986 Lindell
- 4,601,625 A 7/1986 Ernst et al.
- 4,636,125 A * 1/1987 Burgard A01M 31/00
411/389

OTHER PUBLICATIONS

Dewalt | WholesalePowerTools.com | "DeWalt Fasteners PFM2251100 Hangermate+ Vertical Wood Rod Hanging Anchor—1/4"x2"-3/8" (Box of 25)," webpage at <<https://wholesalepowertools.com/dewalt-fasteners-pfm2251100-nangermate-vertical-wood-rod-hanging-anchor-1-4-x-2-3-8-box-of-25#.Wq-qmOjwaM8>>, accessed on Mar. 19, 2018.

(Continued)

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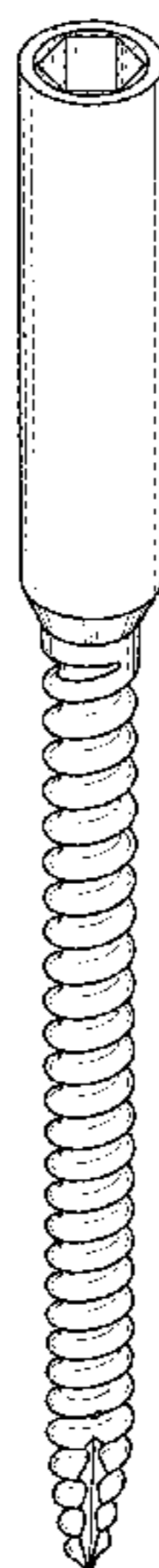
(57) **CLAIM**

The ornamental design for a self tapping anchor, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view illustrating our design of a self tapping anchor.
FIG. 2 is a rear perspective view thereof.
FIG. 3 is a front view thereof.
FIG. 4 is a right side view thereof.
FIG. 5 is a rear view thereof.
FIG. 6 is a left side view thereof.
FIG. 7 is a top view thereof; and,
FIG. 8 is a bottom view thereof.
The broken lines illustrated in FIG. 7 represent features within the hollow head of the self tapping anchor that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

5,470,334 A * 11/1995 Ross A61B 17/863
606/916

5,518,351 A 5/1996 Peil

5,544,993 A * 8/1996 Harle B23G 5/04
411/414

5,755,542 A 5/1998 Janusz et al.

5,827,031 A * 10/1998 Swallow B25B 15/005
411/387.4

5,863,165 A * 1/1999 Schulte F16B 25/0052
411/386

6,210,413 B1 * 4/2001 Justis A61B 17/7041
606/254

6,345,472 B1 * 2/2002 Taylor B28B 7/32
294/215

6,520,962 B1 * 2/2003 Taylor A61B 17/7035
606/278

6,685,705 B1 * 2/2004 Taylor A61B 17/7037
606/278

7,147,194 B2 * 12/2006 Rivers A45F 5/00
248/317

D557,130 S 12/2007 Kashikura et al.

D557,131 S 12/2007 Liu

D567,074 S 4/2008 Gallien

D579,761 S 11/2008 Tooman

D581,776 S 12/2008 Yin-Feng

D585,730 S 2/2009 Fernandez

D585,731 S 2/2009 Carrillo, Sr. et al.

D589,786 S 4/2009 Suehiro et al.

D590,703 S 4/2009 Suehiro et al.

D605,500 S 12/2009 Lee et al.

7,698,861 B2 * 4/2010 Bogue E04C 5/02
52/379

D633,379 S * 3/2011 Chambers D8/387

D637,071 S 5/2011 Gaudron et al.

7,938,848 B2 * 5/2011 Sweeney A61B 17/1671
606/246

8,007,518 B2 * 8/2011 Winslow A61B 17/7023
606/254

8,021,398 B2 * 9/2011 Sweeney A61B 17/7037
606/268

D647,393 S 10/2011 Carrillo, Sr. et al.

8,128,665 B2 * 3/2012 Banouskou A61B 17/7037
606/246

D677,147 S 3/2013 Vandenberg

D696,103 S 12/2013 Hsu

D702,544 S * 4/2014 Hohmann, Jr. D8/398

8,845,691 B2 * 9/2014 Renaud A61B 17/7035
606/264

8,876,121 B2 * 11/2014 Hu B25B 23/0035
279/143

D733,546 S 7/2015 Balzhiser

D739,220 S 9/2015 Lee

D764,267 S 8/2016 Hutter, III

D773,926 S 12/2016 Sweeney et al.

D799,313 S 10/2017 von Wilcke

D804,288 S 12/2017 Keith et al.

2004/0010253 A1 * 1/2004 Morrison A61B 17/7038
606/278

2004/0022601 A1 * 2/2004 Meyer F16B 33/06
411/378

2004/0096294 A1 5/2004 Powers et al.

2006/0129148 A1 * 6/2006 Simmons A61B 17/686
128/897

2006/0198717 A1 * 9/2006 Fuest F16B 35/06
411/401

2010/0160971 A1 * 6/2010 Glerum A61B 17/7038
606/278

2012/0201625 A1 * 8/2012 Ikuno F16B 13/066
411/5

2012/0263553 A1 10/2012 Greenfield

2012/0282058 A1 * 11/2012 Glogger F16B 13/141
411/82

2014/0137392 A1 * 5/2014 Baumler B23G 9/001
29/525.11

2016/0341245 A1 * 11/2016 Armiento F16C 11/0623

2019/0209184 A1 * 7/2019 Sun A61B 17/16

2019/0254696 A1 * 8/2019 Sun A61B 17/1615

OTHER PUBLICATIONS

Allfasteners.com.au | “Tonnel Anchor 316 Stainless Threaded Rod Hanger,” webpage at <<http://www.allfasteners.com.au/tonnel-anchor-316-stainless-threaded-rod-hanger>>, accessed on Mar. 19, 2018.

WindstormProducts.com | “ELCO HangerMate MP(Multi Purpose) Anchors EZH935,” webpage at <<https://www.windstormproducts.com/elco-hangermate-mp-multi-purpose-anchors-ezh935/>>, accessed on Mar. 19, 2018.

BCFASTENERS.com | “Hangar Mate Threaded Rod Anchor-Lag,” webpage at <<http://bcfasteners.com/shop/hanger-mate-threaded-rod-anchor-lag/>>, accessed on Mar. 19, 2018.

Basement Wall Studs | “Hilti Threaded Studs for Concrete,” webpage at <<http://studs.m88play.com/hilti-threaded-studs-for-concrete/>>, accessed on Mar. 19, 2018.

StandardElectric.com | “Metallics JSMW38161 Carbon Steel Vertical Threaded Rod Anchor System 3/8-16,” webpage at <<https://www.standardelectric.com/metallics-jsmw38161-carbon-steel-vertical-threaded-rod-anchor-system-3-8-16-109190.html>>, accessed on Mar. 19, 2018.

* cited by examiner

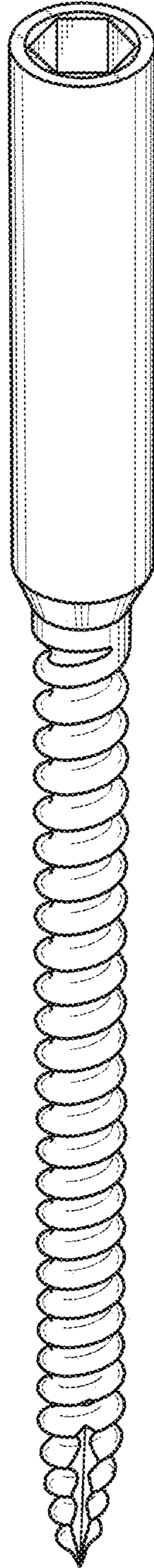


FIG. 1

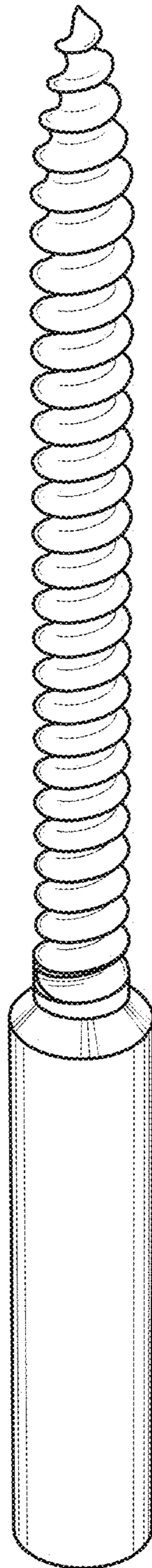


FIG. 2

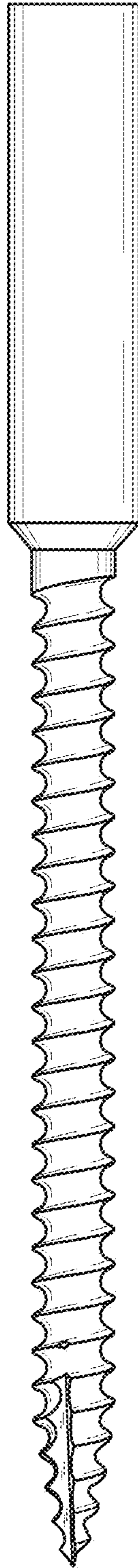


FIG. 3

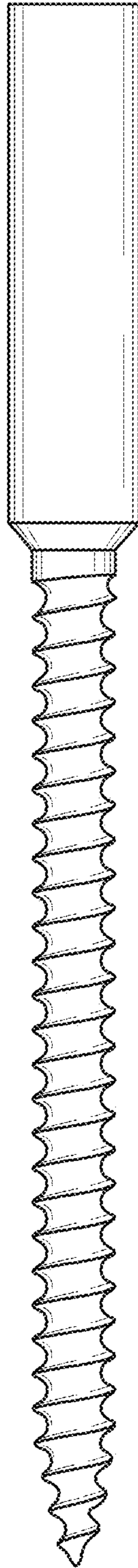


FIG. 4

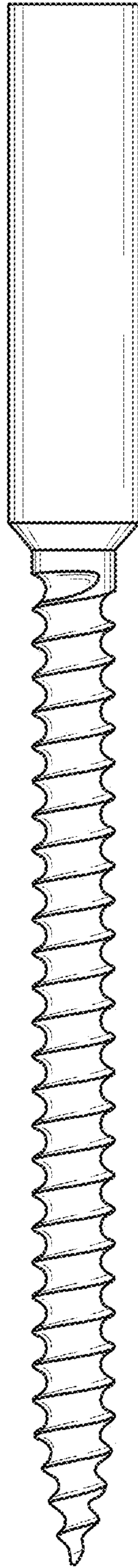


FIG. 5

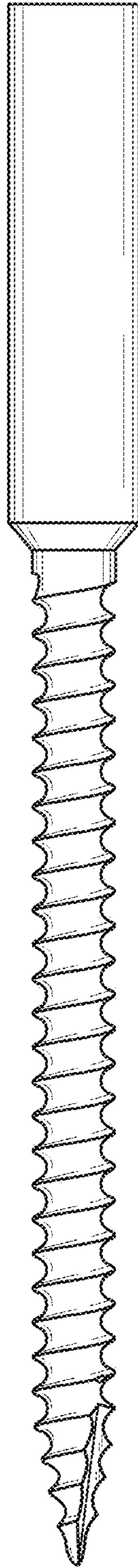


FIG. 6

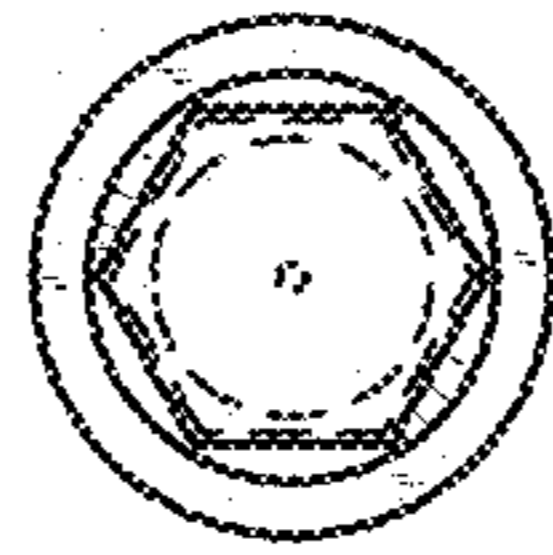


FIG. 7



FIG. 8