



US00D836743S

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

(10) **Patent No.:** **US D836,743 S**

(45) **Date of Patent:** **** Dec. 25, 2018**

- (54) **NOCK FOR AN ARCHERY ARROW**
- (71) Applicant: **Ravin Crossbows, LLC**, Superior, WI (US)
- (72) Inventor: **Craig Thomas Yehle**, Winona, MN (US)
- (73) Assignee: **Ravin Crossbows, LLC**, Superior, WI (US)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/627,147**
- (22) Filed: **Nov. 22, 2017**
- (51) **LOC (11) Cl.** **22-01**
- (52) **U.S. Cl.**
USPC **D22/107**
- (58) **Field of Classification Search**
USPC D21/300, 301, 304, 387, 567, 570, 571, D21/573, 574, 575, 746; D22/100, 101, D22/102, 103, 106, 107, 108, 109, 110, D22/111, 112, 199
CPC F41A 3/26; F41A 3/12; F41A 5/02; F41A 17/22; F41B 5/143; F41B 5/14; F41B 5/066; F41B 7/08; F41B 5/1446; F41B 5/148; F41B 5/1465; F42B 6/04; F42B 6/08; F42B 6/02; F42B 6/06; F42B 12/362; F41C 23/16; F41C 27/00; F41C 7/00; F41G 11/003; F41G 11/001; F41G 11/004; F41G 11/005; A63H 5/04
See application file for complete search history.

- 4,645,211 A 2/1987 Beiter
- D301,272 S * 5/1989 Barrow D22/115
- 5,134,552 A 7/1992 Call et al.
- 5,154,432 A 10/1992 Sanders
- 5,186,470 A * 2/1993 Easton F42B 6/06
473/578
- 5,306,019 A * 4/1994 Guest F42B 6/06
403/349
- 5,306,020 A * 4/1994 Bolf F42B 6/06
473/578
- 5,290,044 A 5/1994 Easton et al.
- 5,417,439 A 5/1995 Bickel
- 5,439,231 A 8/1995 Roberts et al.
- 5,547,200 A 8/1996 Rangel
- 5,803,843 A 9/1998 Anderson et al.
- 5,823,902 A 10/1998 Guest et al.
- 5,859,119 A 1/1999 Hoefflin

(Continued)

OTHER PUBLICATIONS

<http://www.lancasterarchery.com/arrows/arrow-components/nocks.html?limit=90>—Retrieved on Sep. 7, 2018.*

(Continued)

Primary Examiner — Khawaja Anwar
Assistant Examiner — Mojtaba Tehrani

(57) **CLAIM**

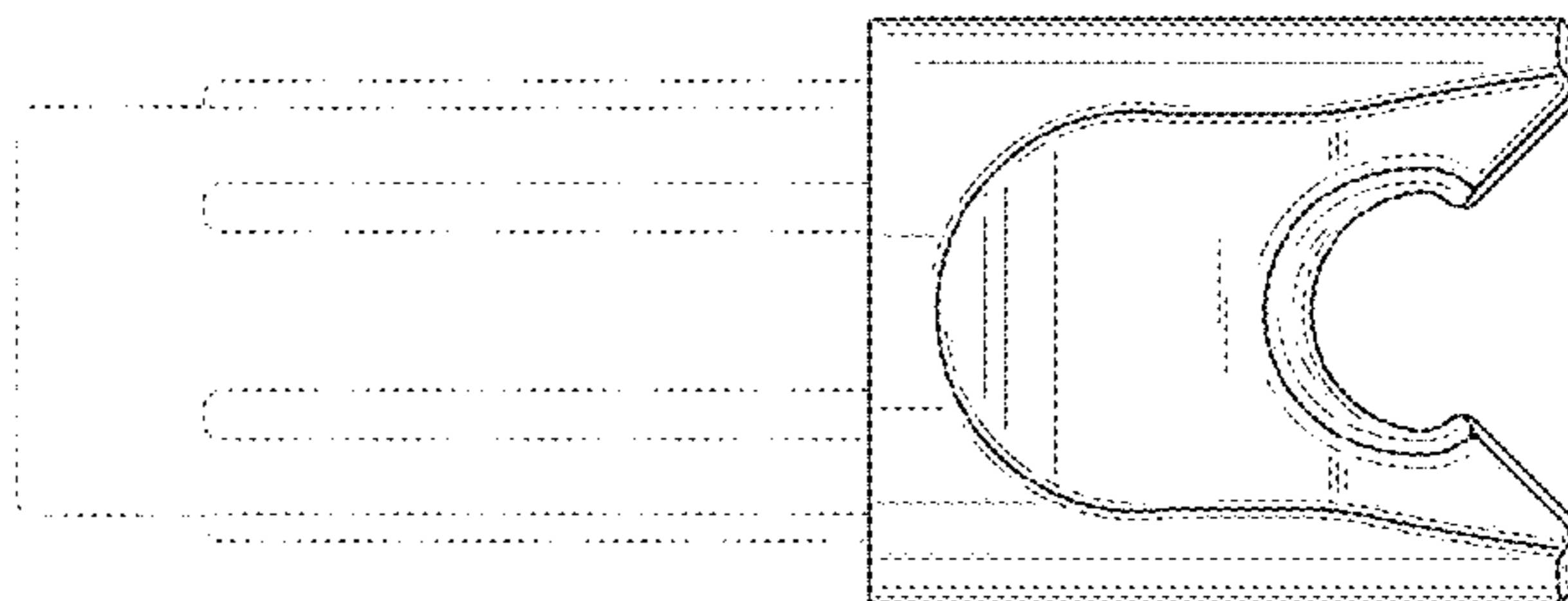
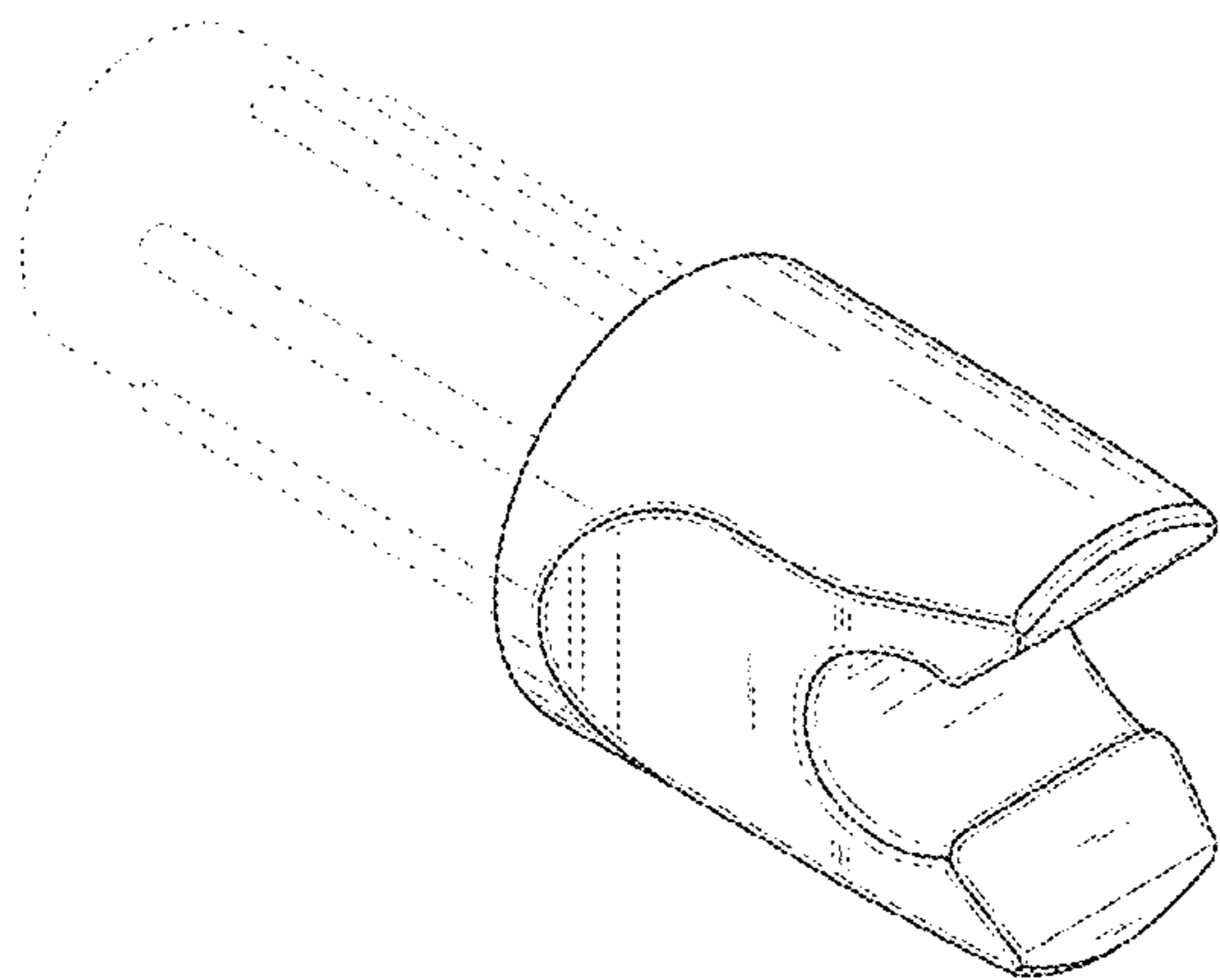
The ornamental design for a nock for an archery arrow, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of a nock for an archery arrow, showing my new design;
FIG. 2 is a side view thereof;
FIG. 3 is another side view thereof;
FIG. 4 is a top plan view thereof; and,
FIG. 5 is a bottom plan view thereof.
The broken line in the drawings depicts unclaimed portion of the nock only and forms no part of the claimed design.

1 Claim, 5 Drawing Sheets

- (56) **References Cited**
U.S. PATENT DOCUMENTS
- 4,305,588 A 12/1981 Dodge
- 4,340,930 A 7/1982 Carissimi
- 4,544,163 A 10/1985 Scanlon
- 4,547,837 A 10/1985 Bennett



(56)

References Cited

U.S. PATENT DOCUMENTS

5,987,724 A 11/1999 Kleman
 5,994,944 A 11/1999 Manyoki
 6,017,284 A 1/2000 Giles
 6,123,631 A 9/2000 Ginder
 6,390,642 B1 5/2002 Simonton
 6,695,727 B1* 2/2004 Kuhn F42B 6/06
 473/586
 6,736,742 B2 5/2004 Price et al.
 6,892,717 B1* 5/2005 Polanco F41B 5/06
 124/44.5
 7,021,784 B2 4/2006 DiCarlo
 7,189,170 B1 3/2007 Korsa et al.
 7,211,011 B1 5/2007 Sutherland
 D595,803 S* 7/2009 Giles D22/107
 D606,615 S* 12/2009 Andrews D22/107
 7,651,421 B2* 1/2010 Smith F42B 6/04
 473/582
 D612,444 S* 3/2010 Klein D22/107
 7,767,738 B2 8/2010 Gagger et al.
 7,827,240 B1 11/2010 Atkins et al.
 7,837,580 B2 11/2010 Huang et al.
 7,862,457 B1 1/2011 Urcheck
 7,909,714 B2* 3/2011 Cyr F42B 6/06
 473/578
 7,927,240 B2* 4/2011 Lynch F42B 6/06
 473/570
 7,931,550 B2 4/2011 Lynch
 D641,827 S* 7/2011 Errett D22/115
 7,993,224 B2 8/2011 Brywig
 D664,625 S* 7/2012 Minica D22/107
 8,216,097 B2* 7/2012 Nick F42B 12/385
 473/578
 8,257,208 B2* 9/2012 Harding F42B 6/06
 473/578
 D669,955 S* 10/2012 Minica D22/107
 D669,956 S* 10/2012 Minica D22/107
 8,337,342 B1 12/2012 Huang
 8,342,990 B1 1/2013 Price
 8,366,573 B2 2/2013 Hunt
 8,388,474 B1* 3/2013 Griffith F42B 6/06
 473/586
 8,475,302 B1* 7/2013 Hummel, III F42B 6/04
 473/578
 8,540,594 B2 9/2013 Chu
 8,622,855 B2* 1/2014 Bednar F41B 5/1415
 473/578
 8,758,177 B2 6/2014 Minica
 8,777,786 B1 7/2014 Bay
 D717,389 S* 11/2014 Huang D22/107
 8,920,270 B2* 12/2014 DeLap F42B 6/06
 473/586
 8,944,944 B2* 2/2015 Pedersen F42B 12/382
 473/570
 8,951,152 B1 2/2015 Huang
 9,028,347 B2* 5/2015 Pedersen F42B 6/06
 473/578
 9,140,527 B2 9/2015 Pedersen et al.

9,212,874 B1* 12/2015 Harding F42B 6/06
 9,243,875 B2 1/2016 Minica
 9,279,647 B2 3/2016 Marshall
 9,279,648 B2 3/2016 Marshall
 9,279,649 B2 3/2016 Bay
 9,285,195 B1 3/2016 Palomaki et al.
 9,404,720 B2 8/2016 Pedersen
 9,423,219 B2 8/2016 Pedersen et al.
 9,434,334 B2 9/2016 Marur et al.
 9,441,925 B1 9/2016 Palomaki et al.
 9,470,486 B2 10/2016 Bednar et al.
 9,518,806 B2 12/2016 Pedersen
 9,546,651 B2 1/2017 Kim
 D796,616 S* 9/2017 Errett D22/107
 D813,970 S* 3/2018 Kitts D22/107
 2004/0184274 A1 9/2004 DiCarlo
 2015/0192395 A1 7/2015 Beck
 2015/0308798 A1 10/2015 Kim
 2016/0010961 A1 1/2016 Marshall
 2018/0231359 A1* 8/2018 Yehle F42B 6/06

OTHER PUBLICATIONS

<https://www.youtube.com/watch?v=69qEO0Jdzjs>—Published Jan. 20, 2015.*
 2012 Firenock Catalog (12 pages).
 Ravin R9 Instruction Manual for the Ravin R9 Crossbow.
 U.S. Appl. No. 13/799,518, filed Mar. 13, 2013, Energy Storage Device For A Bow, now U.S. Pat. No. 9,255,753, Feb. 9, 2016.
 U.S. Appl. No. 61/820,792, filed May 8, 2013, Cocking Mechanism For A Bow.
 U.S. Appl. No. 14/071,723, filed Nov. 5, 2013, De-Cocking Mechanism For A Bow, now U.S. Appl. No. 9,383,159, Jul. 5, 2016.
 U.S. Appl. No. 15/171,391, filed Jun. 2, 2016 Cocking Mechanism For A Crossbow.
 U.S. Appl. No. 14/107,058, filed Dec. 16, 2013, String Guide System For A Bow, now U.S. Pat. No. 9,354,015, May 31, 2016.
 U.S. Appl. No. 62/244,932, filed Oct. 22, 2015 String Guide for a Bow.
 U.S. Appl. No. 15/098,537, filed Apr. 14, 2016, Crossbow, now U.S. Pat. No. 9,494,379, Nov. 15, 2016.
 U.S. Appl. No. 15/098,557, filed Apr. 14, 2016, String Control System for a Crossbow, now U.S. Pat. No. 9,494,380, Nov. 15, 2016.
 U.S. Appl. No. 15/098,568, filed Apr. 14, 2016, Reduced Friction Trigger for a Crossbow, now U.S. Pat. No. 9,557,134, Jan. 31, 2017.
 U.S. Appl. No. 62/459,421, filed Feb. 15, 2017, Provisional for: High Impact Strength Lighted Nock.
 U.S. Appl. No. 29/594,119, filed Feb. 15, 2017, Design for: Nock for an Archery Arrow.
 U.S. Appl. No. 62/492,671, filed May 1, 2017, Provisional for: High Impact Strength Lighted Nock.
 U.S. Appl. No. 15/631,004, filed Jun. 23, 2017, High Impact Strength Nock Assembly.
 U.S. Appl. No. 15/631,016, filed Jun. 23, 2017, High Impact Strenght Lighted Nock Assembly.

* cited by examiner

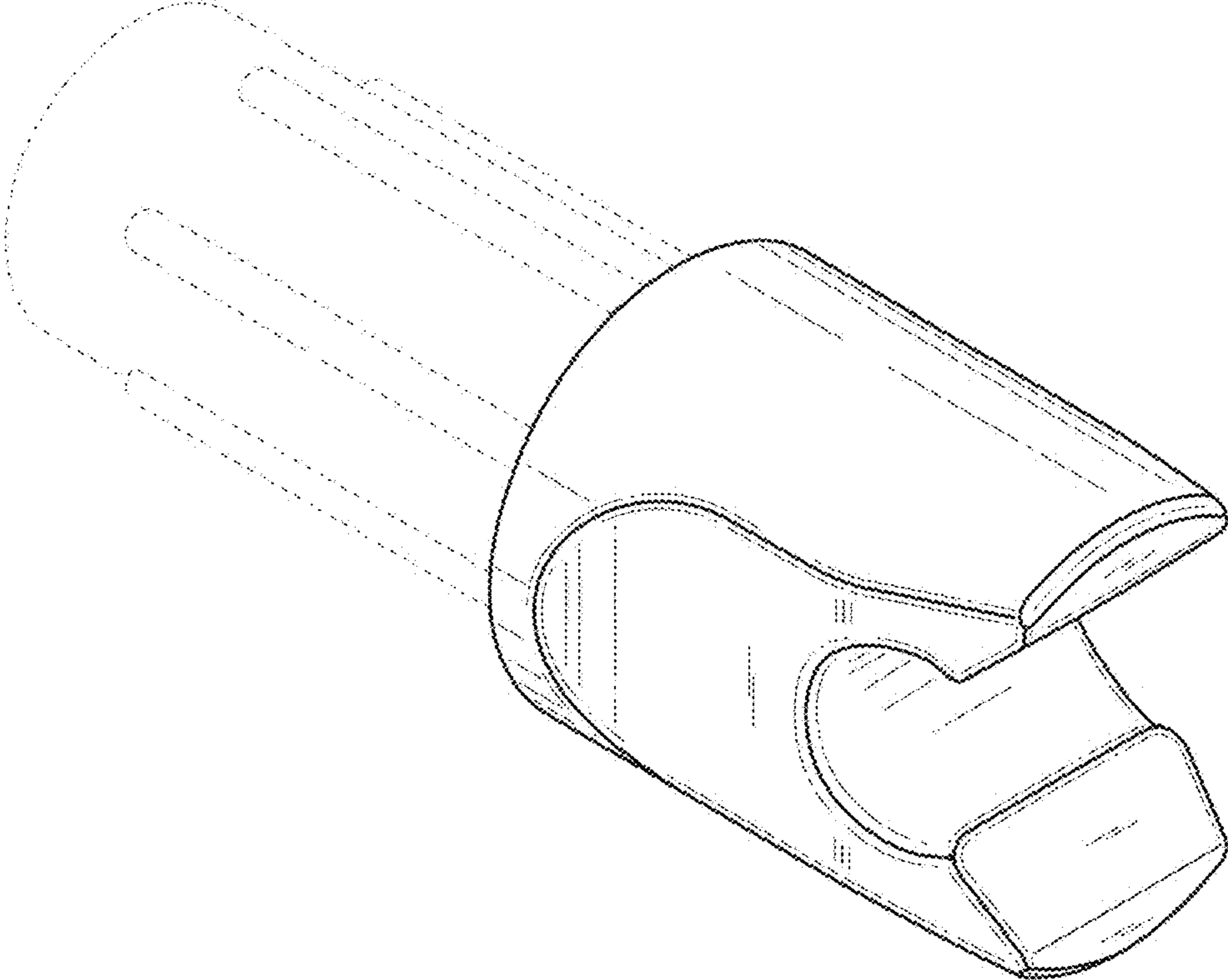


Fig. 1

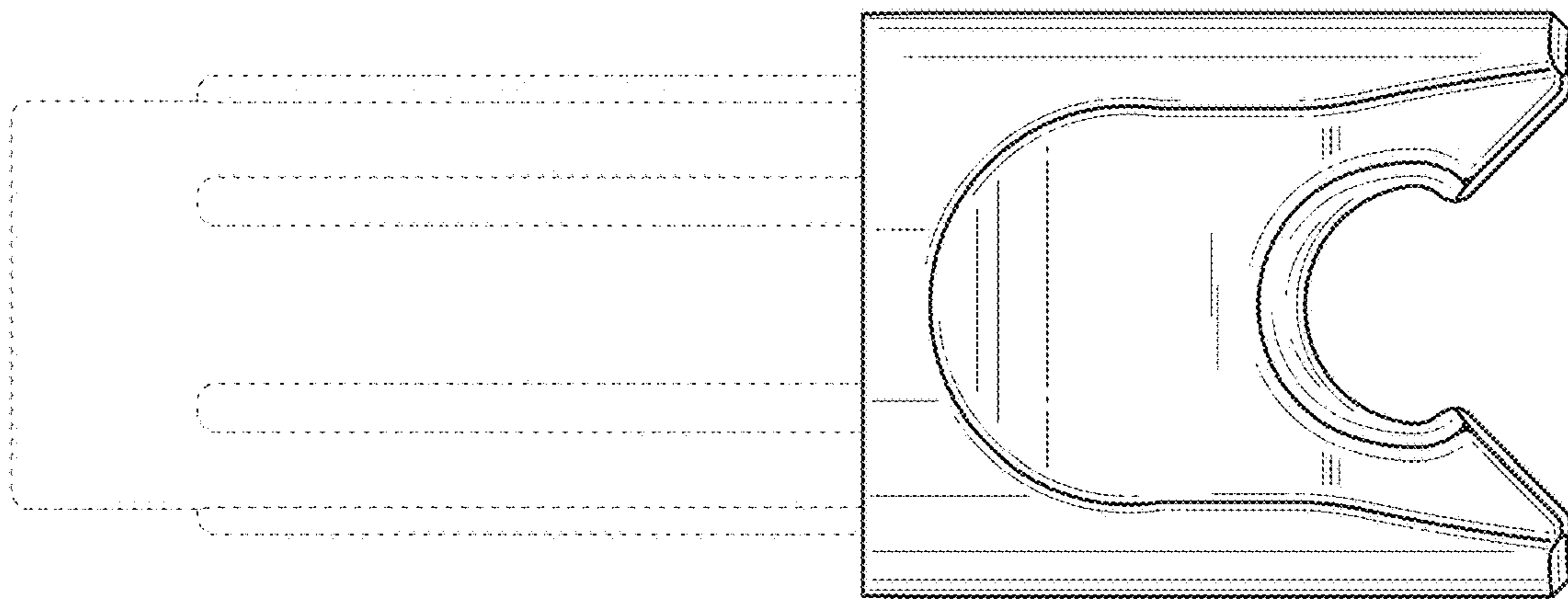


Fig. 2

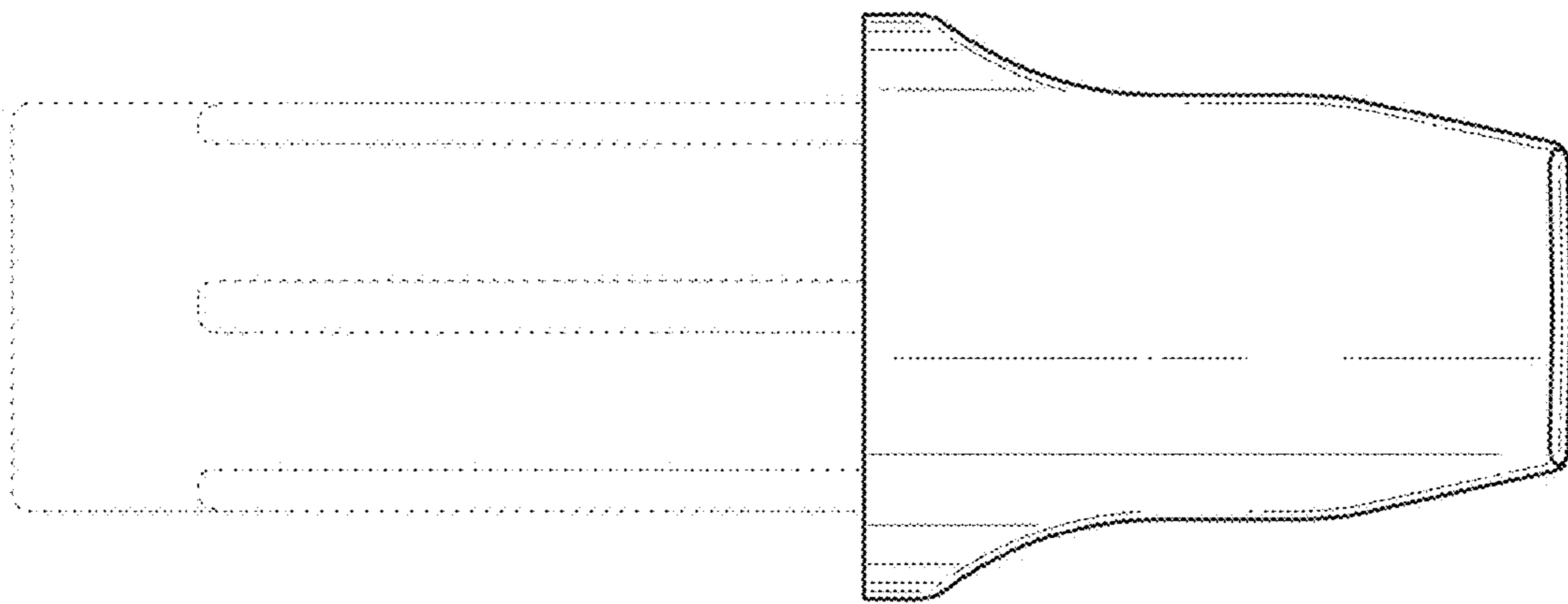


Fig. 3

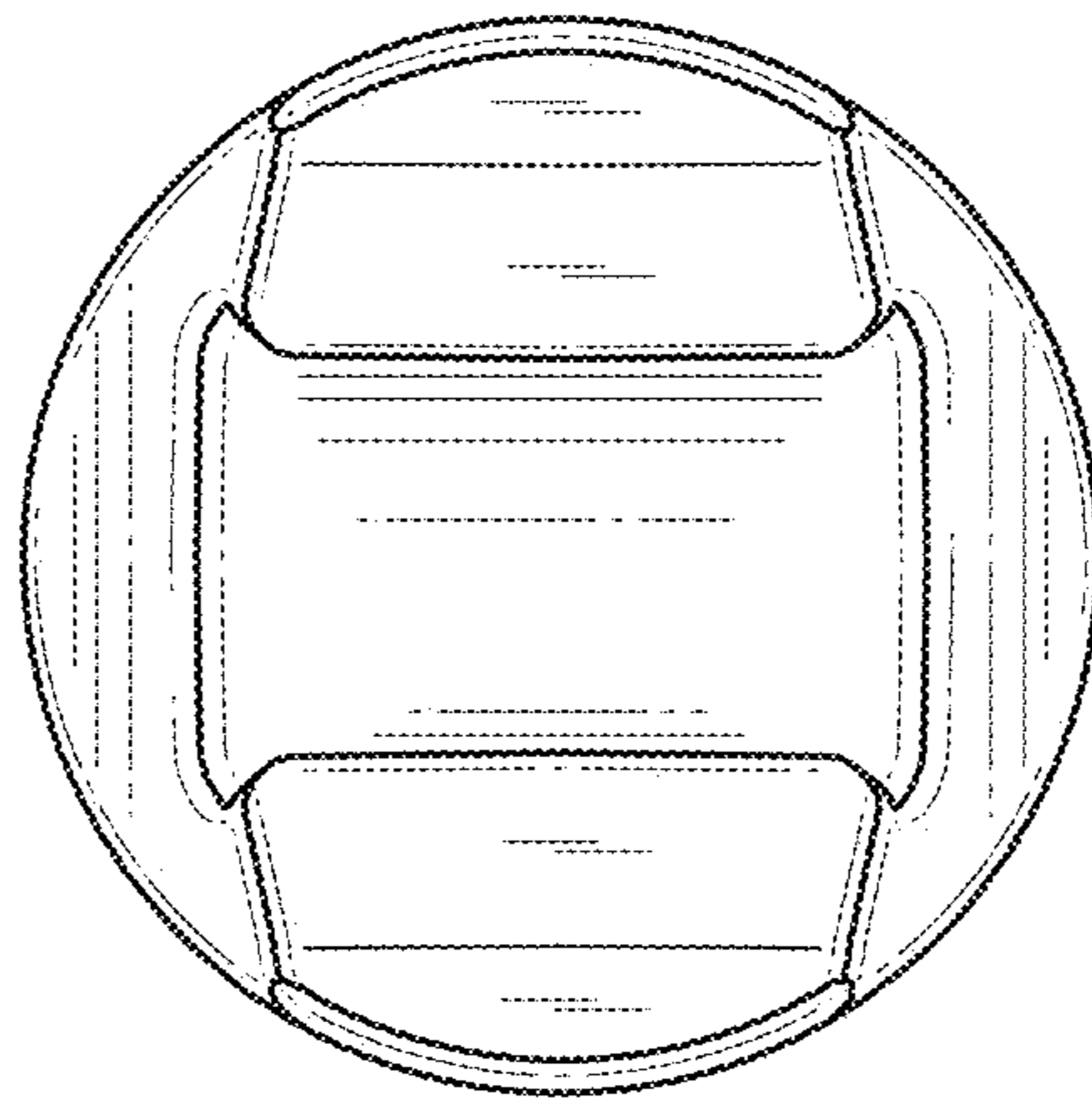


Fig. 4

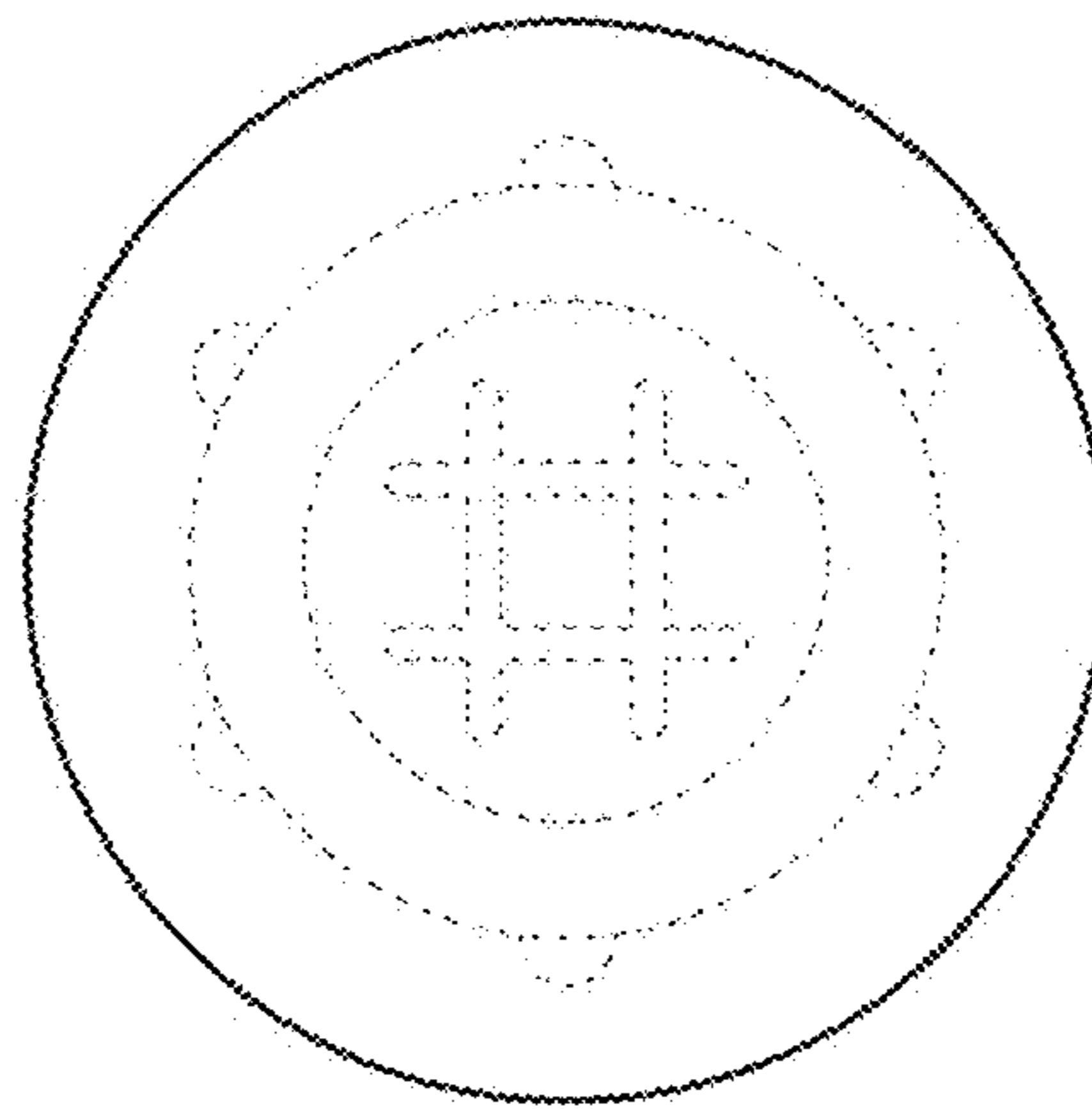


Fig. 5