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(12) **United States Design Patent** (10) **Patent No.:** **US D847,934 S**  
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(54) **FIREARM BARREL NUT**  
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(\*\*) Term: **15 Years**

D734,828 S \* 7/2015 Geissele ..... D22/108  
9,151,555 B1 10/2015 Huang  
9,194,638 B2 11/2015 Larson, Jr. et al.  
9,217,618 B1 12/2015 Miller, III  
D746,936 S 1/2016 Huang  
9,303,949 B1 4/2016 Oglesby  
D755,338 S 5/2016 Slank  
9,389,031 B2 7/2016 Gardner  
9,389,043 B1 \* 7/2016 Zhang  
D765,211 S 8/2016 Huang  
D773,585 S 12/2016 Miller, III  
D773,587 S \* 12/2016 Underwood ..... D22/108

(Continued)

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(58) **Field of Classification Search**  
USPC ..... D22/100, 101, 103, 106, 108, 109, 110, D22/111, 117, 199; D21/300, 301, 570, D21/573, 574, 575  
CPC .... F41B 5/14; F41B 5/00; F41C 27/00; F41C 23/14; F41C 23/06; F41C 3/00; F41C 7/00; F41C 23/20; F41C 23/08; F41C 23/10; F41G 11/003; F41G 1/18; F41G 1/38; F41G 1/545  
See application file for complete search history.

OTHER PUBLICATIONS

<https://www.youtube.com/watch?v=7q7QJvxbB8>—Published on Jun. 18, 2013.\*

(Continued)

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(57) **CLAIM**

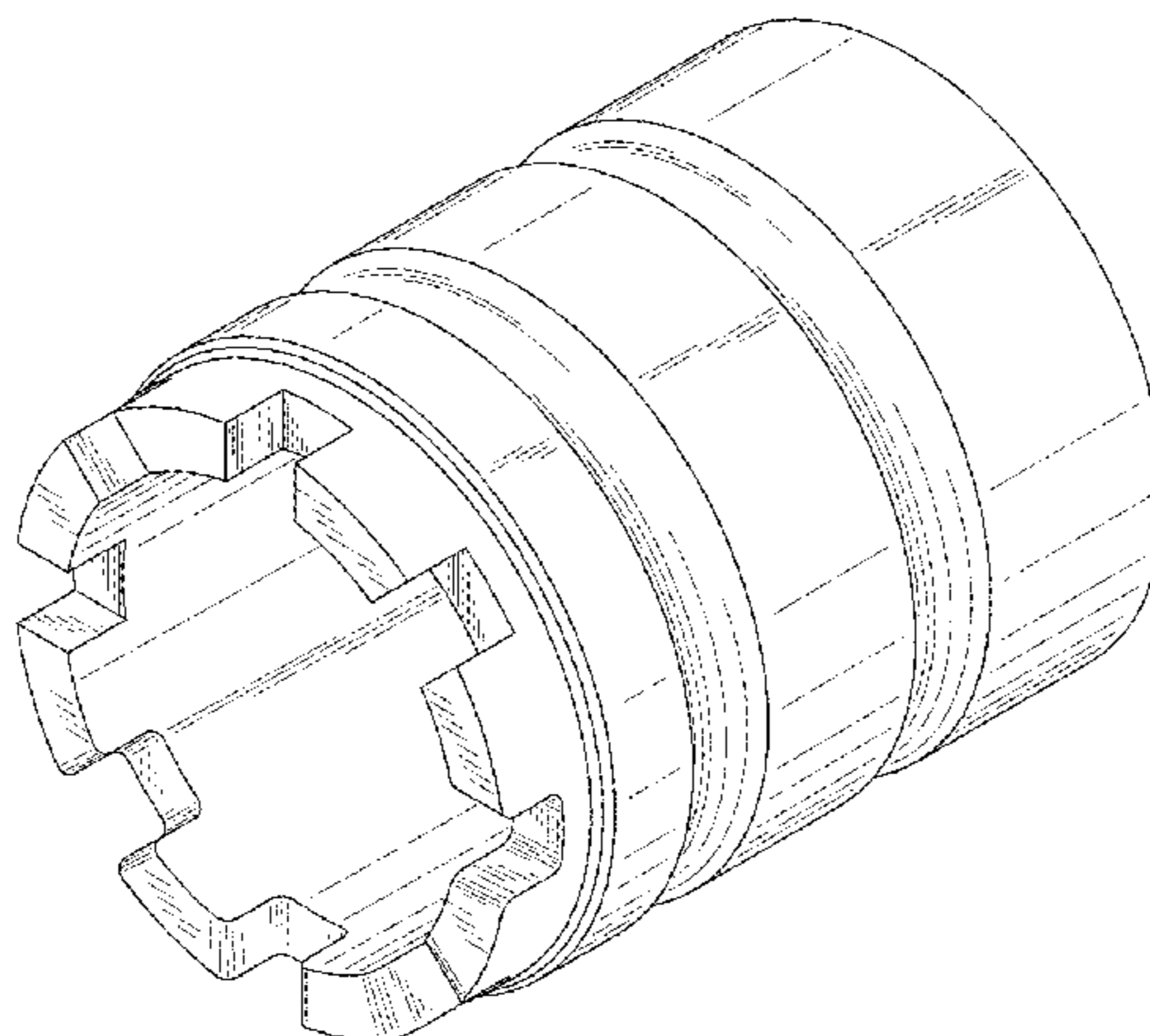
The ornamental design for a firearm barrel nut, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of the firearm barrel nut embodying the new design;  
FIG. 2 is a right side view thereof;  
FIG. 3 is a left side view thereof;  
FIG. 4 is a top plan view thereof;  
FIG. 5 is a bottom plan view thereof;  
FIG. 6 is a front view thereof; and,  
FIG. 7 is a rear view thereof.  
The broken lines in the drawings depict portions of the barrel nut that form no part of the claimed design.

(56) **References Cited**  
U.S. PATENT DOCUMENTS  
5,519,954 A 5/1996 Garrett  
D603,011 S 10/2009 Fitzpatrick et al.  
D636,832 S 4/2011 Mayberry et al.  
D689,974 S 9/2013 Sharps  
D710,476 S \* 8/2014 Rogers ..... D22/108  
D723,130 S \* 2/2015 Barrett ..... D22/108  
8,984,794 B1 3/2015 Saur  
D726,862 S 4/2015 Crume, Sr.  
D726,863 S 4/2015 Crume, Sr.  
D727,454 S 4/2015 Robinson et al.

**1 Claim, 4 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

D782,596 S 3/2017 Angstadt et al.  
 D789,480 S \* 6/2017 Olsen ..... D22/108  
 D795,379 S 8/2017 Frederickson et al.  
 D795,983 S 8/2017 Cross  
 9,829,272 B2 11/2017 Brown  
 D805,154 S 12/2017 Steele et al.  
 2002/0089767 A1\* 7/2002 Bell ..... G02B 23/14  
 359/823  
 2005/0183317 A1 8/2005 Finn  
 2010/0281736 A1 11/2010 Mayberry et al.  
 2013/0180151 A1\* 7/2013 Moore ..... F41C 27/00  
 42/90  
 2014/0026459 A1\* 1/2014 Ding et al.  
 2014/0033590 A1\* 2/2014 Gomez ..... F41A 21/48  
 42/75.02  
 2014/0165439 A1 6/2014 Fernandez et al.  
 2014/0224235 A1 8/2014 Liao  
 2014/0331535 A1 11/2014 Robinson et al.  
 2014/0373419 A1\* 12/2014 Leclair  
 2015/0153125 A1 6/2015 Lutton et al.  
 2015/0354912 A1 12/2015 Miller, III  
 2016/0084601 A1 3/2016 Alicea, Jr.  
 2016/0091276 A1\* 3/2016 Miller et al.  
 2016/0178316 A1\* 6/2016 Miller et al.  
 2016/0273857 A1 9/2016 Pettit et al.  
 2017/0160032 A1 6/2017 Overstreet et al.  
 2017/0199006 A1\* 7/2017 Hwang ..... F41A 21/484

2017/0254610 A1\* 9/2017 Hill ..... F41A 21/482  
 2017/0299326 A1\* 10/2017 Seekins  
 2018/0202757 A1\* 7/2018 Dreher et al.

OTHER PUBLICATIONS

<https://www.thefirearmblog.com/blog/2017/08/30/samsons-new-sxs-lightweight-m-lok-handguards/>—Published Aug. 30, 2017.\*  
 AT3 Tactical article The 7 Things to Look for in an AR-15 Handguard downloaded from <https://www.at3tactical.com/blogs/news/9243847-the-7-things-to-look-for-in-an-ar-15-handguard> on Jun. 13, 2017.  
 AR-Stoner Replacement Barrel Nut Kit for AR-Stoner AR-15 Handguard downloaded from <https://www.midwayusa.com/product/1017945720/ar-stoner-replacement-barrel-nut-kit-for-ar-stoner-ar-15-handguard> on Oct. 30, 2017.  
 AR-15 Alpha-Hunter, SpecArmsllc.com, [online], [site visited Mar. 16, 2018]. <URL: <https://www.specarmsllc.com/product-page/ar-15-alpha-hunter-specials>> (Year: 2018).  
 AR-15 Alpha-Defender, SpecArmsllc.com, [online], [site visited Mar. 16, 2018]. <URL: <https://www.specarmsllc.com/product-page/ar-15-alpha-defender-specials>> (Year: 2018).  
 Battle Arms Development AR-15 BAD556-LW Receiver Set, RainierArms.com, [online], [site visited Mar. 16, 2018]. <URL: <https://www.rainierarms.com/battle-arms-development-bad556-lw-receiver-set/>> (Year 2018).

\* cited by examiner

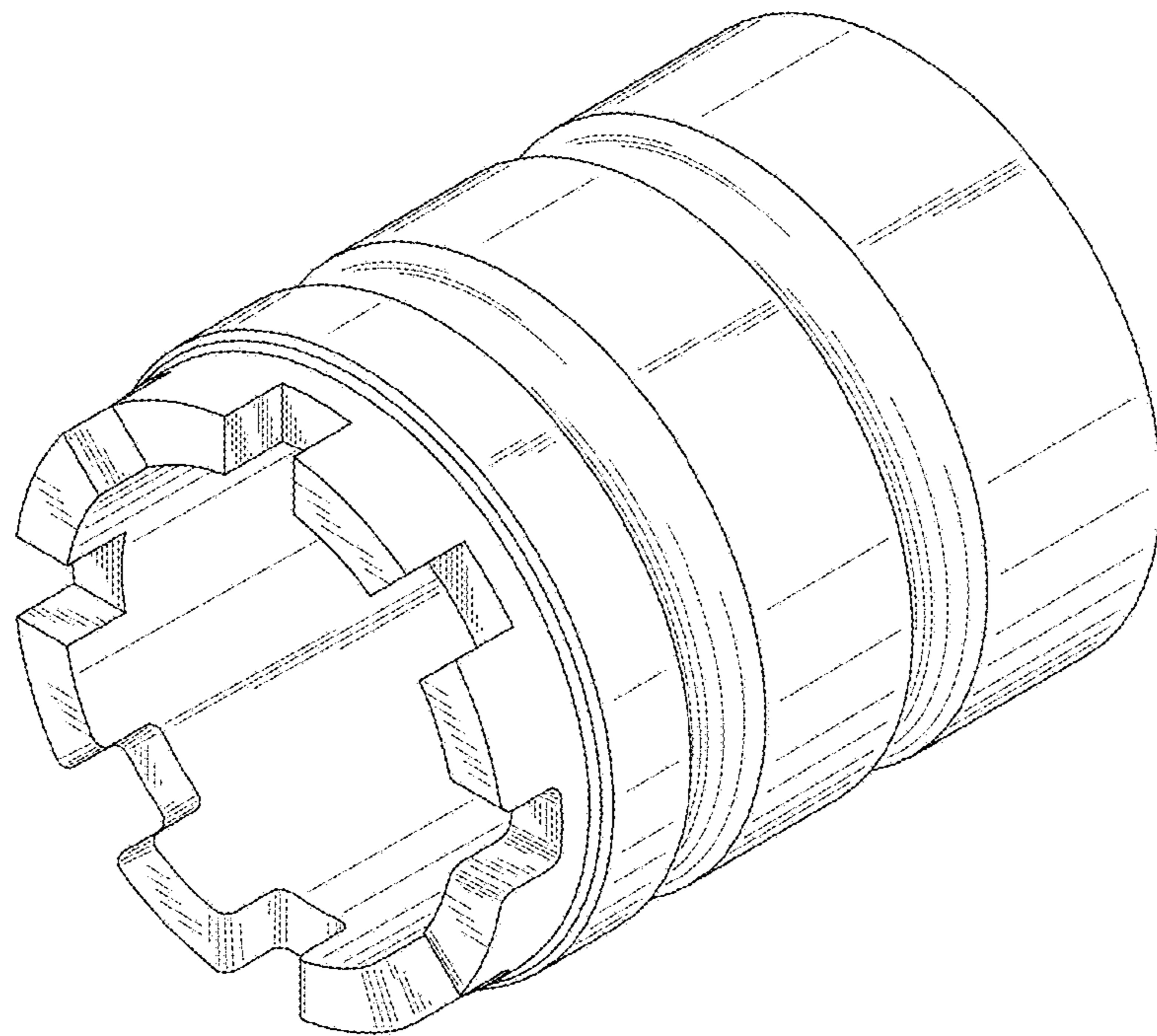


Fig. 1

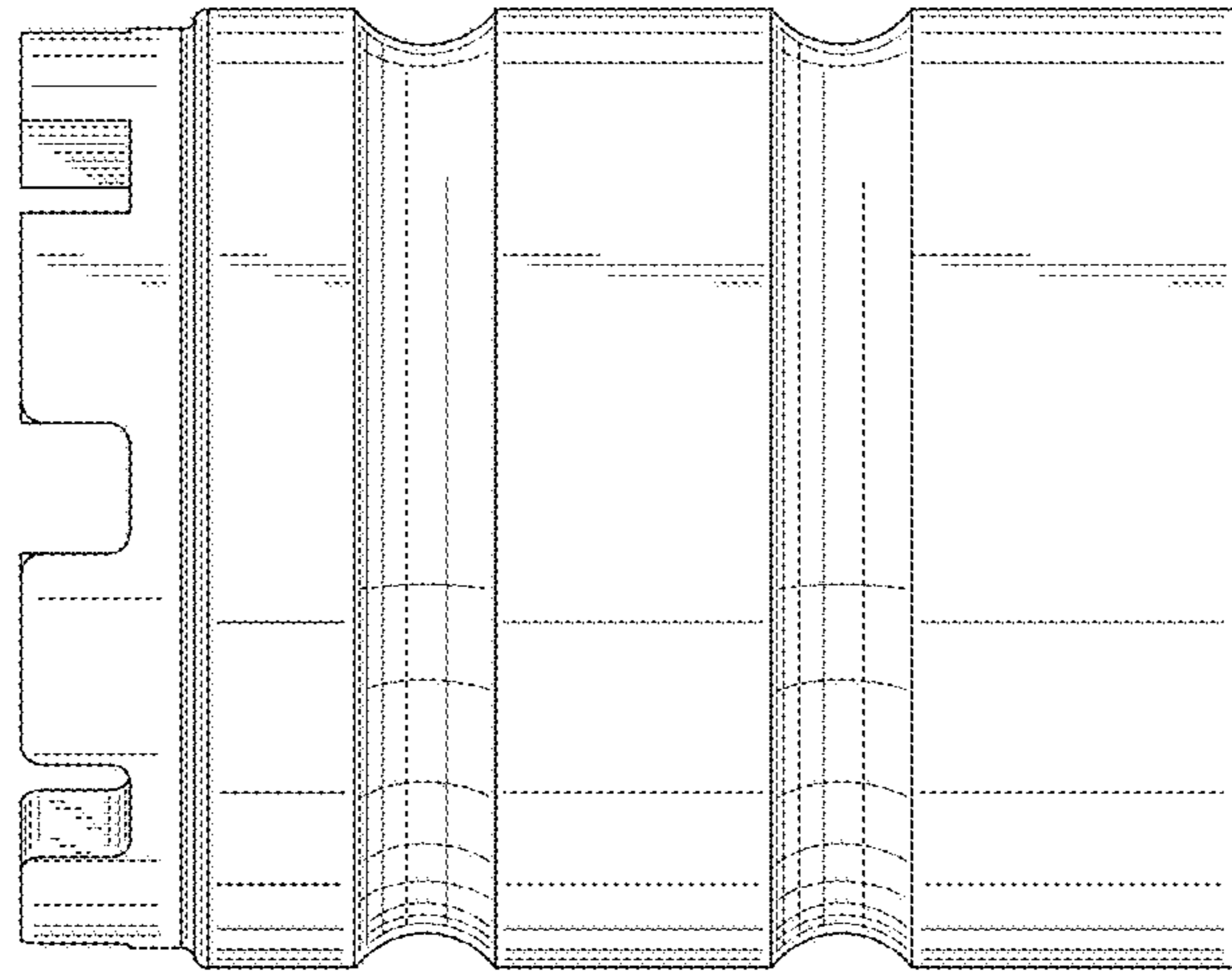


Fig. 2

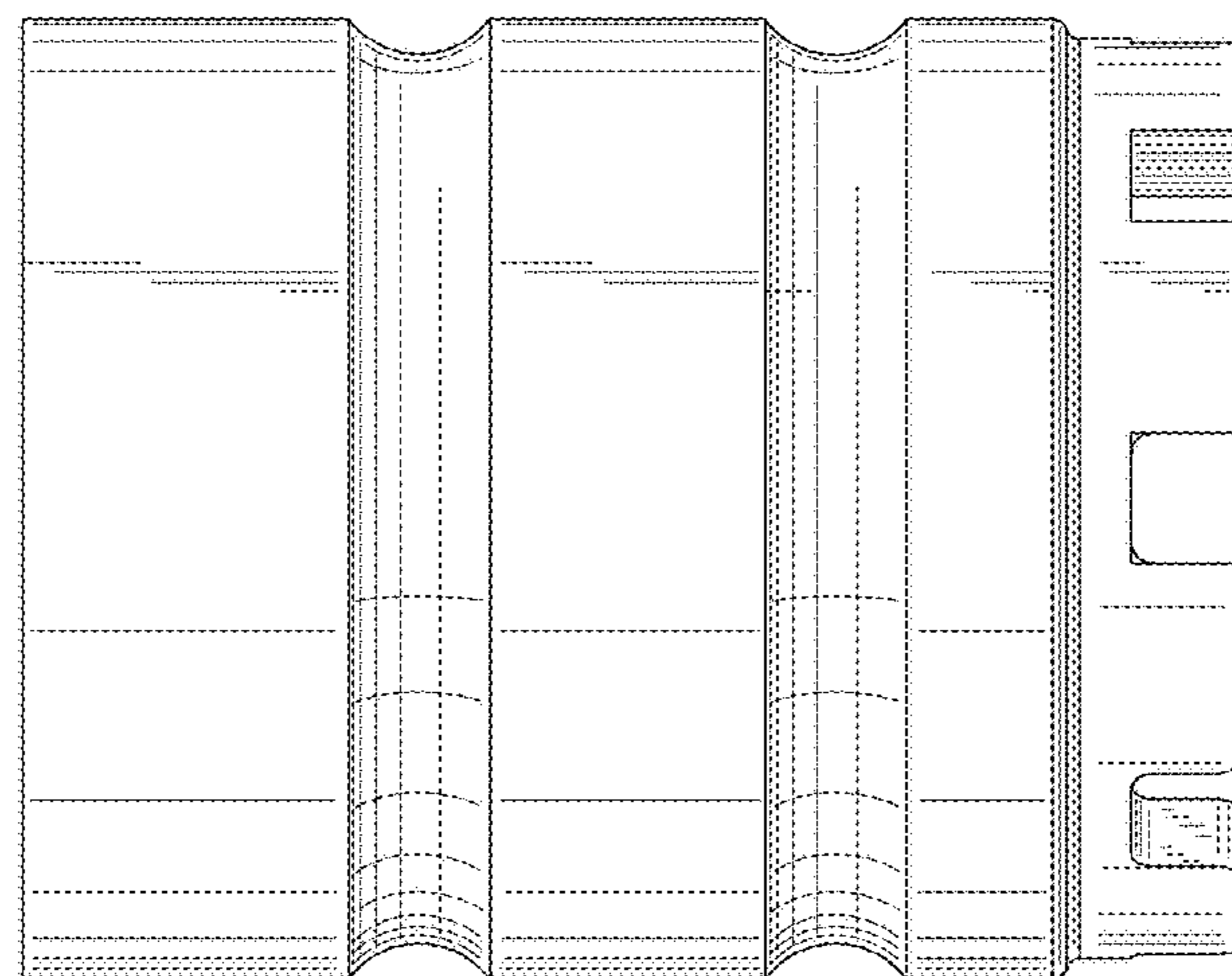


Fig. 3

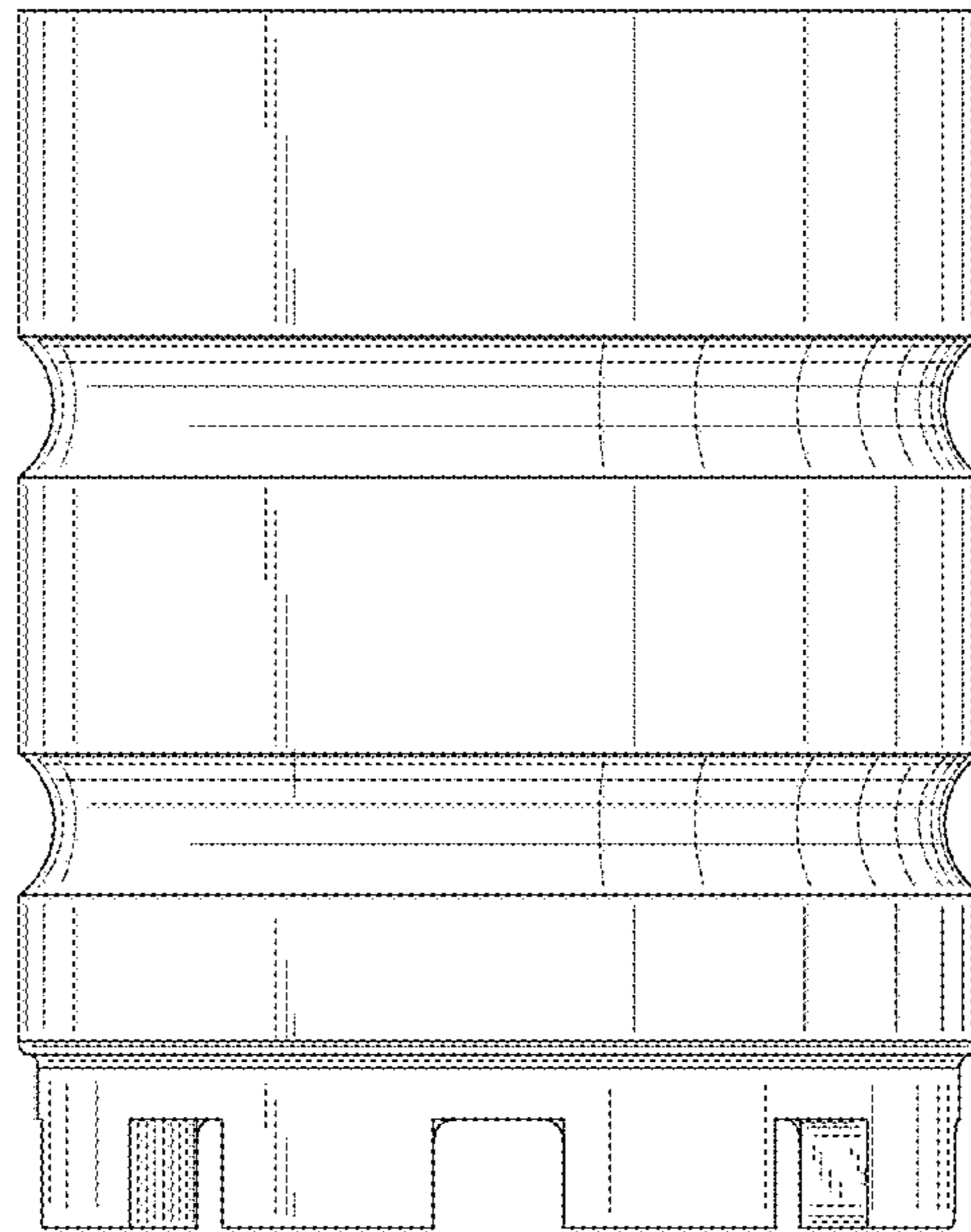


Fig. 4

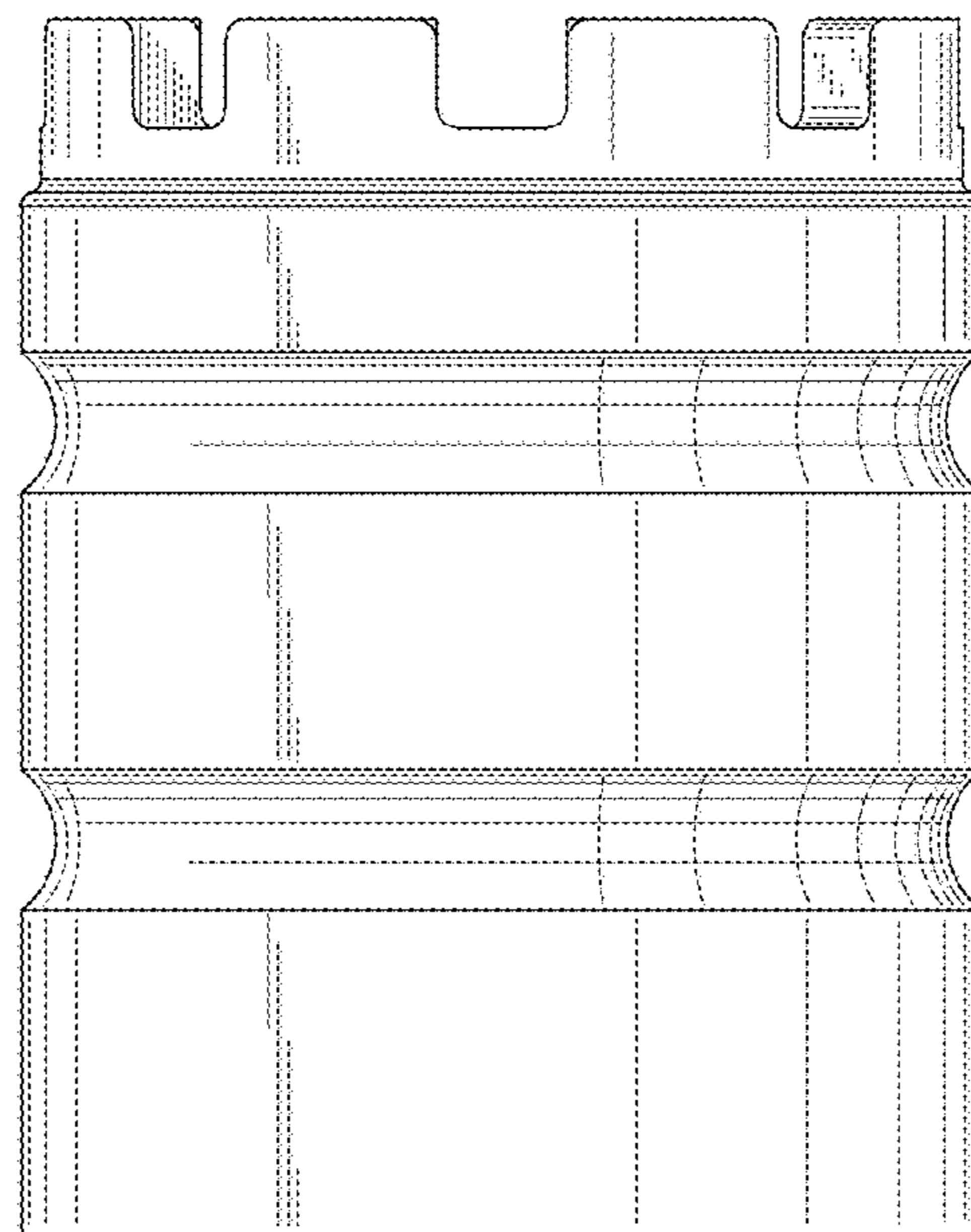


Fig. 5

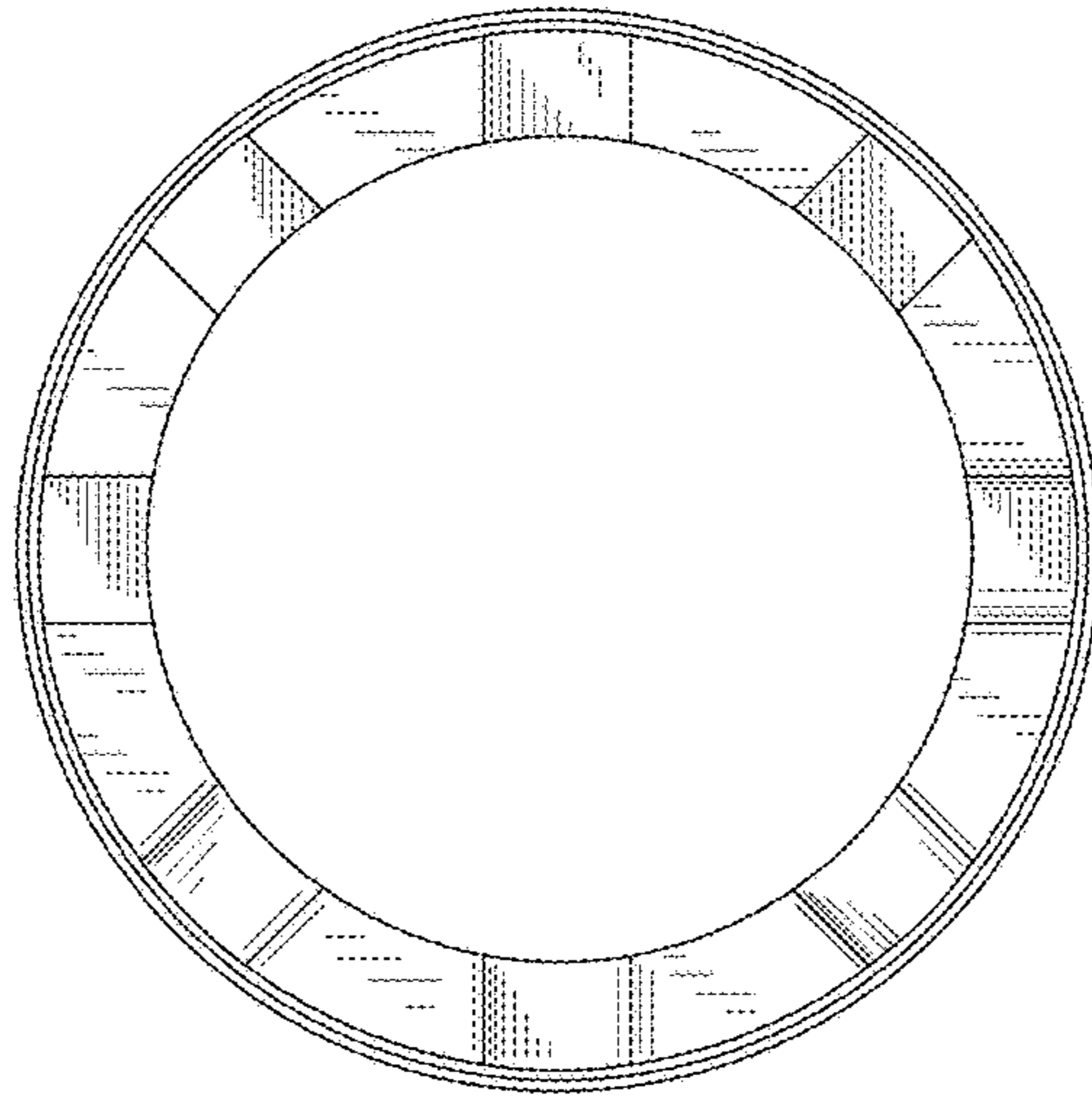


Fig. 6

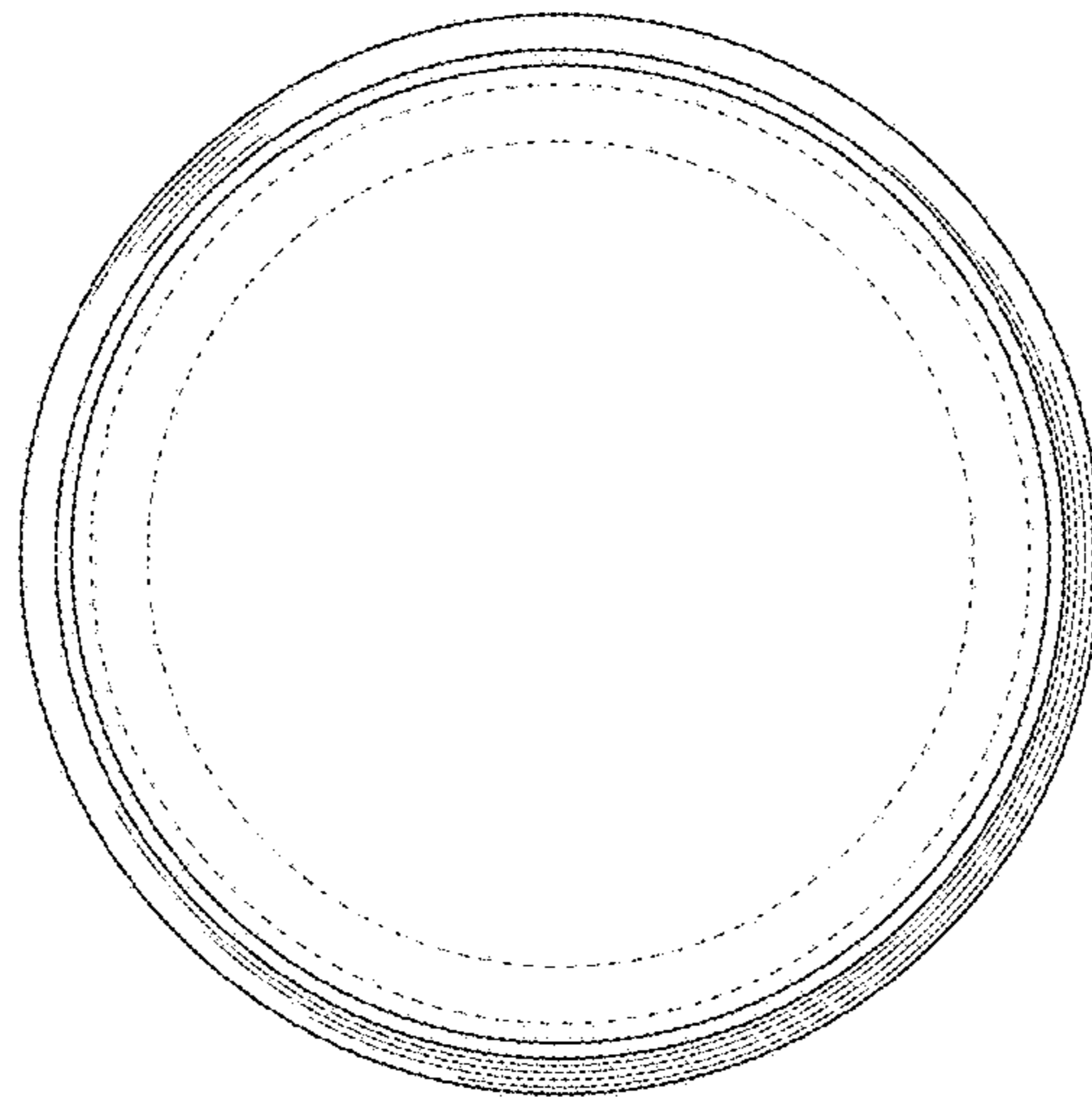


Fig. 7