



US00D966063S

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

(10) **Patent No.:** **US D966,063 S**
(45) **Date of Patent:** **** Oct. 11, 2022**

- (54) **SOCKET**
- (71) Applicant: **GRIP HOLDINGS LLC**, Brandon, FL (US)
- (72) Inventors: **Paul Kukucka**, Brandon, FL (US);
Thomas Stefan Kukucka, Brandon, FL (US)
- (73) Assignee: **GRIP HOLDINGS LLC**, Brandon, FL (US)
- (**) Term: **15 Years**
- (21) Appl. No.: **29/754,192**
- (22) Filed: **Oct. 7, 2020**

Related U.S. Application Data

- (63) Continuation-in-part of application No. 17/006,272, filed on Aug. 28, 2020, now Pat. No. 11,103,983, which is a continuation-in-part of application No. 16/033,970, filed on Jul. 12, 2018, now Pat. No. 10,786,890.
- (60) Provisional application No. 62/639,619, filed on Mar. 7, 2018, provisional application No. 62/531,828, filed on Jul. 12, 2019.
- (51) **LOC (13) Cl.** **08-05**
- (52) **U.S. Cl.**
USPC **D8/29**
- (58) **Field of Classification Search**
USPC D8/21, 25, 28, 29
CPC B25B 13/06; B25B 13/065; B25B 23/0035
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- 1,798,944 A 3/1931 Jackman
- 3,405,377 A 10/1968 Pierce
- 3,495,485 A 2/1970 Knudsen et al.

- 3,902,384 A 9/1975 Ehrler
 - 3,908,489 A 9/1975 Yamamoto et al.
 - 4,074,597 A 2/1978 Jansson
- (Continued)

FOREIGN PATENT DOCUMENTS

- AU 201612229 4/2016
 - AU 201612720 6/2016
- (Continued)

OTHER PUBLICATIONS

“Impact Nut and Bolt Extraction Tool Set, Rusted Damaged Stripped Nut and Bolt Remover Tool Kit” Amazon, Sep. 9, 2020, Accessed Mar. 2, 2022 URL:<<https://www.amazon.com/Extraction-Damaged-Stripped-Remover-Extractor/dp/B08HPLNTX5>> (Year: 2020).*

(Continued)

Primary Examiner — Rachel A. Voorhies
Assistant Examiner — Benjamin D. Wannemacher

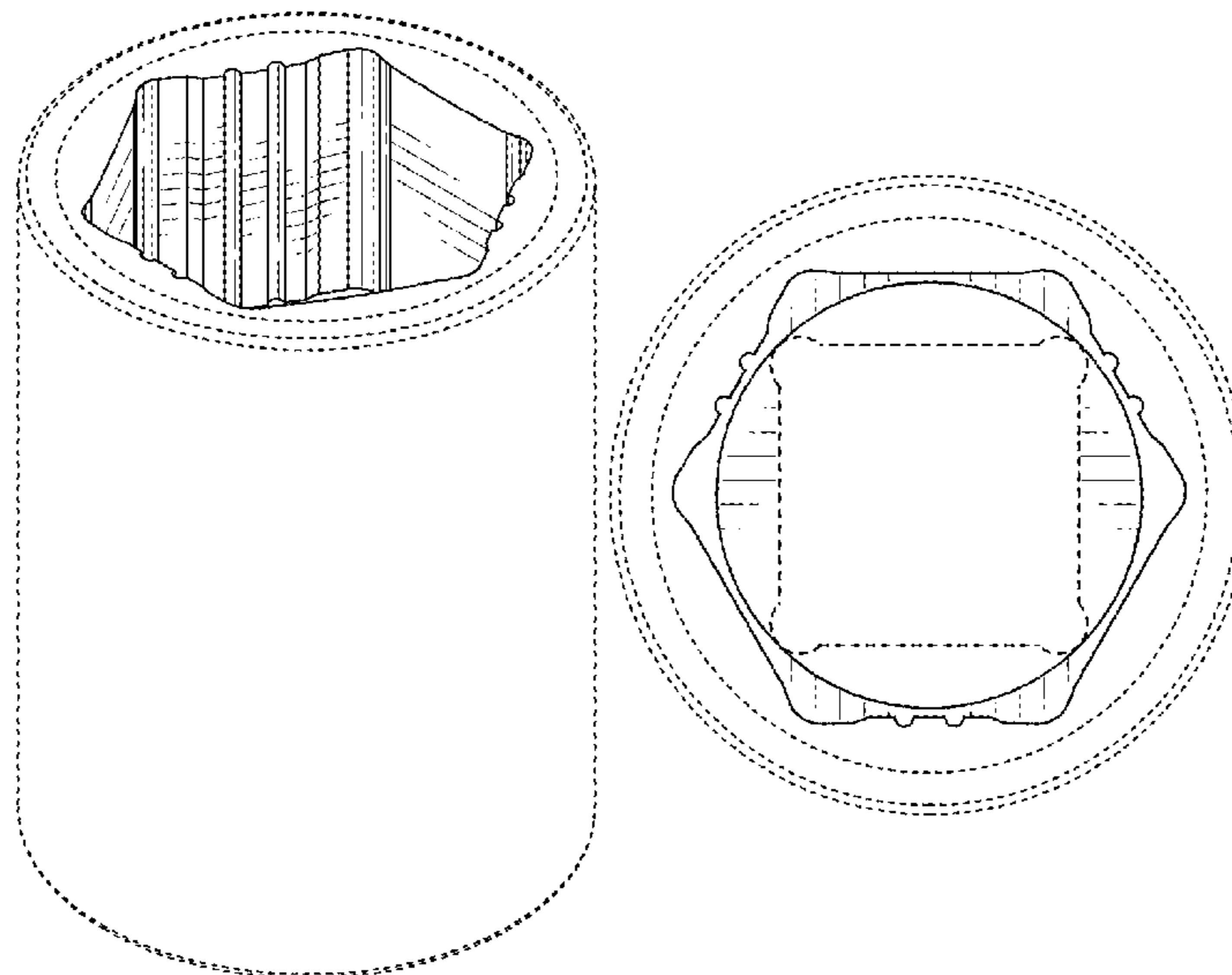
(57) **CLAIM**

The ornamental design for a socket, as shown and described.

DESCRIPTION

FIG. 1 is a front top perspective view of a socket showing my new design;
FIG. 2 is a front elevational view thereof;
FIG. 3 is a rear elevational view thereof;
FIG. 4 is a cross sectional view taken along the line 4-4 in FIG. 3;
FIG. 5 is a right side elevational view thereof;
FIG. 6 is a left side elevational view thereof;
FIG. 7 is a top plan view thereof; and,
FIG. 8 is a bottom plan view thereof.
The broken lines in FIGS. 1-8 are included for the purpose of illustrating environmental structure and form no part of the claimed design.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

4,598,616 A 7/1986 Colvin
 4,607,547 A 8/1986 Martus
 D287,333 S * 12/1986 Knudson D8/71
 4,893,530 A 1/1990 Warheit
 4,927,020 A 5/1990 Randy
 4,930,378 A 6/1990 Colvin
 5,019,080 A 5/1991 Hemer
 5,219,392 A 6/1993 Ruzicka et al.
 5,228,570 A 7/1993 Robinson
 5,251,521 A 10/1993 Burda et al.
 5,398,823 A 3/1995 Anders
 D359,669 S * 6/1995 Splingaire D8/29
 D363,011 S * 10/1995 Gruner D8/29
 5,481,948 A 1/1996 Zerkovitz
 5,501,342 A 3/1996 Geibel
 5,519,929 A 5/1996 Bleckman
 5,645,177 A 7/1997 Lin
 5,669,516 A 9/1997 Horn
 5,725,107 A 3/1998 Dembicks
 5,743,394 A 4/1998 Martin
 5,782,148 A 7/1998 Kerkhoven
 D398,823 S * 9/1998 Hsieh D8/29
 5,829,327 A 11/1998 Stanton
 5,832,792 A 11/1998 Hsieh
 6,009,778 A 1/2000 Hsieh
 6,092,279 A 7/2000 Shoup
 D433,295 S * 11/2000 Houpe D8/29
 6,352,011 B1 3/2002 Fruhm
 6,431,373 B1 8/2002 Blick
 6,575,057 B1 6/2003 Ploeger
 D484,768 S * 1/2004 Warfel D8/86
 6,698,316 B1 3/2004 Wright
 6,755,098 B2 6/2004 Huang
 6,761,089 B2 7/2004 Bergamo
 6,857,340 B2 2/2005 Wagner
 D506,908 S * 7/2005 Hsien D8/29
 6,951,156 B2 10/2005 Garg
 7,000,501 B1 2/2006 Chen
 D521,826 S * 5/2006 Hsieh D8/29
 D524,615 S 7/2006 Albertson
 D525,496 S * 7/2006 Hsieh D8/29
 D526,172 S * 8/2006 Lin D8/29
 D526,547 S * 8/2006 Houpe D8/29
 D544,322 S * 6/2007 Horobec D8/29
 7,225,710 B2 6/2007 Pacheco, Jr.
 D550,049 S * 9/2007 Peng D8/29
 D550,050 S * 9/2007 Peng D8/29
 7,331,260 B2 2/2008 Cheng
 D570,169 S * 6/2008 Lin D8/29
 D570,657 S * 6/2008 Hsieh D8/29
 D597,809 S * 8/2009 Hsieh D8/29
 7,717,278 B2 1/2010 Kao
 D611,789 S * 3/2010 Taylor, Jr. D8/29
 D614,931 S 5/2010 Su
 7,788,994 B2 9/2010 Wright et al.
 7,841,480 B2 11/2010 Hsieh
 D628,868 S * 12/2010 Laurie D8/29
 7,913,593 B2 3/2011 Dahar et al.
 D636,240 S * 4/2011 Laurie D8/29
 8,166,851 B2 5/2012 Pchola
 8,302,255 B2 11/2012 Lin
 8,336,709 B1 12/2012 Geibel
 D709,343 S * 7/2014 Huang D8/70
 D709,744 S * 7/2014 Kluhsman, Jr. D8/29
 D745,813 S * 12/2015 Hsieh D8/29
 D745,814 S 12/2015 Hsieh
 D749,388 S * 2/2016 Lee D8/29
 D773,266 S * 12/2016 Hsieh D8/27
 9,718,170 B2 8/2017 Eggert et al.
 9,873,195 B1 1/2018 Buxton
 9,878,441 B1 1/2018 Kao
 D810,531 S * 2/2018 Feuerstein D8/29
 D814,259 S * 4/2018 Feuerstein D8/29
 D815,504 S * 4/2018 Feuerstein D8/29
 D829,069 S 9/2018 Doroslovac et al.

10,081,094 B2 9/2018 Doroslovac et al.
 D859,944 S 9/2019 Kukucka et al.
 D859,945 S 9/2019 Kukucka et al.
 D859,946 S 9/2019 Kukucka et al.
 D859,947 S 9/2019 Kukucka et al.
 D867,841 S 11/2019 Kukucka et al.
 D868,553 S 12/2019 Kukucka et al.
 D879,577 S 3/2020 Kukucka et al.
 D880,968 S 4/2020 Kukucka et al.
 D880,977 S 4/2020 Kukucka et al.
 D885,149 S 5/2020 Kukucka et al.
 D887,233 S 6/2020 Kukucka et al.
 D887,711 S 6/2020 Kukucka et al.
 D889,224 S 7/2020 Kukucka et al.
 D889,257 S 7/2020 Kukucka et al.
 D892,578 S 8/2020 Kukucka et al.
 10,780,556 B2 9/2020 Kukucka et al.
 10,786,890 B2 9/2020 Kukucka et al.
 D899,091 S 10/2020 Kukucka et al.
 10,828,766 B2 11/2020 Kukucka et al.
 D904,152 S 12/2020 Kukucka et al.
 D906,781 S 1/2021 Kukucka et al.
 10,882,162 B2 1/2021 Kukucka et al.
 D909,842 S 2/2021 Kukucka et al.
 D910,490 S 2/2021 Lim et al.
 10,919,133 B2 2/2021 Kukucka et al.
 10,967,488 B2 4/2021 Kukucka et al.
 2003/0209111 A1 11/2003 Huang
 2004/0256263 A1 12/2004 Shih
 2005/0098459 A1 5/2005 Gorman
 2005/0103664 A1 5/2005 Shih
 2005/0257357 A1 11/2005 Huang
 2006/0130618 A1 6/2006 Hsieh
 2006/0156869 A1 7/2006 Hsieh
 2006/0266168 A1 11/2006 Pacheco, Jr.
 2007/0261519 A1 11/2007 Cheng
 2008/0235930 A1 10/2008 English
 2009/0007732 A1 1/2009 Hsieh
 2009/0120885 A1 5/2009 Kao
 2009/0220321 A1 9/2009 Sakamura
 2011/0056339 A1 3/2011 Su
 2011/0303052 A1 12/2011 Chen
 2012/0060656 A1 3/2012 Chang
 2013/0047798 A1 2/2013 Huang
 2014/0260832 A1 9/2014 Hsiao
 2014/0331826 A1 11/2014 Campbell
 2014/0360321 A1 12/2014 Steinweg et al.
 2015/0135910 A1 5/2015 Eggert et al.
 2015/0266169 A1 9/2015 Campbell, II
 2015/0314429 A1 11/2015 Doroslovac
 2016/0067853 A1 3/2016 Neto
 2016/0136792 A1 5/2016 Harp
 2016/0223005 A1 8/2016 Rathmann
 2016/0339564 A1 11/2016 Chen
 2017/0282337 A1 10/2017 Johnson et al.
 2017/0312839 A1 11/2017 Moss et al.
 2017/0312897 A1 11/2017 Doroslovac et al.
 2018/0003241 A1 1/2018 Goss
 2018/0141192 A1 5/2018 Chang
 2018/0354022 A1 12/2018 Ross et al.
 2018/0354102 A1 12/2018 Kukucka et al.
 2019/0001469 A1 1/2019 Cho et al.
 2019/0015961 A1 1/2019 Kukucka et al.
 2019/0152033 A1 5/2019 Kukucka et al.
 2019/0217449 A1 7/2019 Lee
 2019/0283233 A1 9/2019 Kukucka et al.
 2019/0337131 A1 11/2019 Kukucka et al.
 2019/0375077 A1 12/2019 Kukucka et al.
 2020/0078908 A1 3/2020 Wu et al.
 2020/0298380 A1 9/2020 Doroslovac et al.
 2020/0376648 A1 12/2020 Kukucka et al.
 2020/0391360 A1 12/2020 Kukucka et al.
 2021/0039245 A1 2/2021 Kukucka et al.

FOREIGN PATENT DOCUMENTS

AU 201612721 6/2016
 CA 2564093 A1 4/2007
 CA 168071 12/2016

(56)

References Cited

FOREIGN PATENT DOCUMENTS

CA	2898480	A1	7/2017
CN	2767068	Y	3/2006
CN	3630254		6/2006
CN	201046555	Y	4/2008
CN	102395447		3/2012
CN	102554833	A	7/2012
CN	303924849		11/2016
CN	303956827		12/2016
CN	303984883		12/2016
DE	3911409	A1	10/1990
DE	29613327	U1	9/1996
DE	10321284	A1	12/2004
DE	202010006146	U1	7/2010
DE	202012103034	U1	11/2012
DE	102013021238	A1	6/2015
EP	1371453	A2	12/2003
EP	1731774	A1	12/2006
GB	906839	A	9/1962
GB	1294764	A	11/1972
JP	2011143522		7/2011
JP	2012157913		10/2011
JP	2015180835	A	7/2017
KR	200149097	Y1	7/1999
RU	2152870	C1	7/2000
RU	2225786	C2	1/2001
RU	45671	U1	5/2005
RU	58510	U1	11/2006
RU	2387533	C1	4/2010
RU	116398		5/2012
RU	180548	U1	6/2018
SU	16616	A1	8/1930
WO	WO9416862	A1	8/1994
WO	WO1996010932	A1	4/1996
WO	WO1996026870	A1	9/1996
WO	WO1996027745	A1	9/1996
WO	WO9710926		3/1997

WO	9812982	A1	4/1998
WO	WO9932264		7/1999
WO	WO0166312	A1	9/2001
WO	WO2004002687	A1	1/2004
WO	WO2005070621		8/2005
WO	WO2006023374		3/2006
WO	WO2006130490	A1	12/2006
WO	WO2010007402	A1	1/2010
WO	WO2011109040	A1	9/2011
WO	WO2015082283	A1	6/2015
WO	2015050942	A1	9/2015
WO	DM090809		4/2016
WO	WO2016051080	A1	4/2016
WO	DM091188		5/2016
WO	DM091189		5/2016
WO	WO2016174615	A1	11/2016
WO	WO2017178997		10/2017
WO	WO2018172831		9/2018
WO	WO2019012486		1/2019
WO	WO2019167032		9/2019
WO	WO2019175652		9/2019
WO	WO2020039281		2/2020
WO	WO2020039285		2/2020
WO	WO2020058777		3/2020
WO	WO2020152516		7/2020
WO	WO2020208608		10/2020
WO	WO2020225800		11/2020
WO	WO2021001696		1/2021
WO	WO2021019500		2/2021
WO	WO2021033152		2/2021

OTHER PUBLICATIONS

“KABO Tools VNH0073 Non-Slip Shallow Socket Set”, amazon.co.jp; Sep. 13, 2019; Accessed Mar. 9, 2022; URL:<<https://www.amazon.co.jp/-/en/VNH0073-Non-Slip-Shallow-Socket-14-Piece/dp/B07XYTW9WL?th=1>> (Year: 2019).*

* cited by examiner

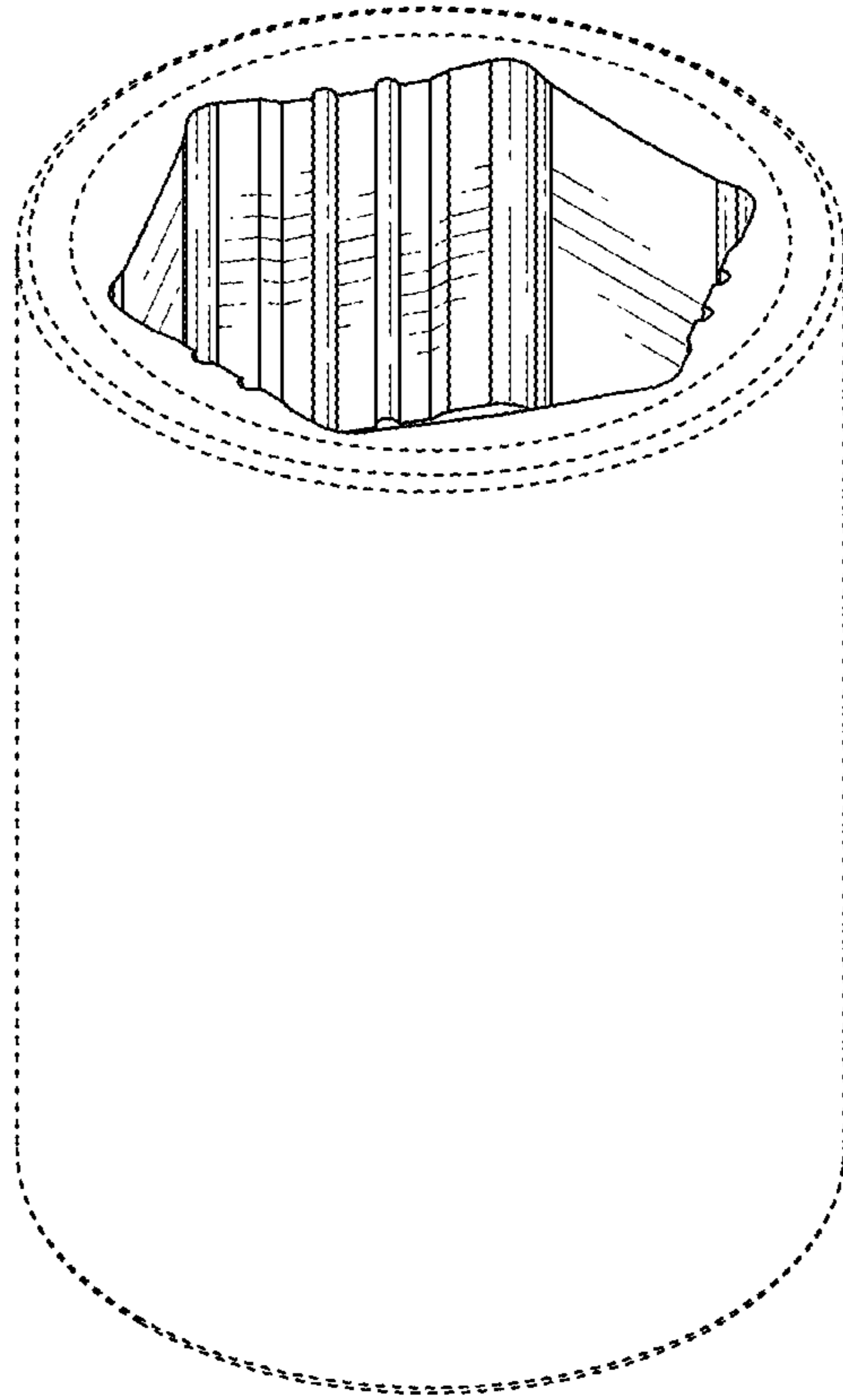


FIG. 1



FIG. 2

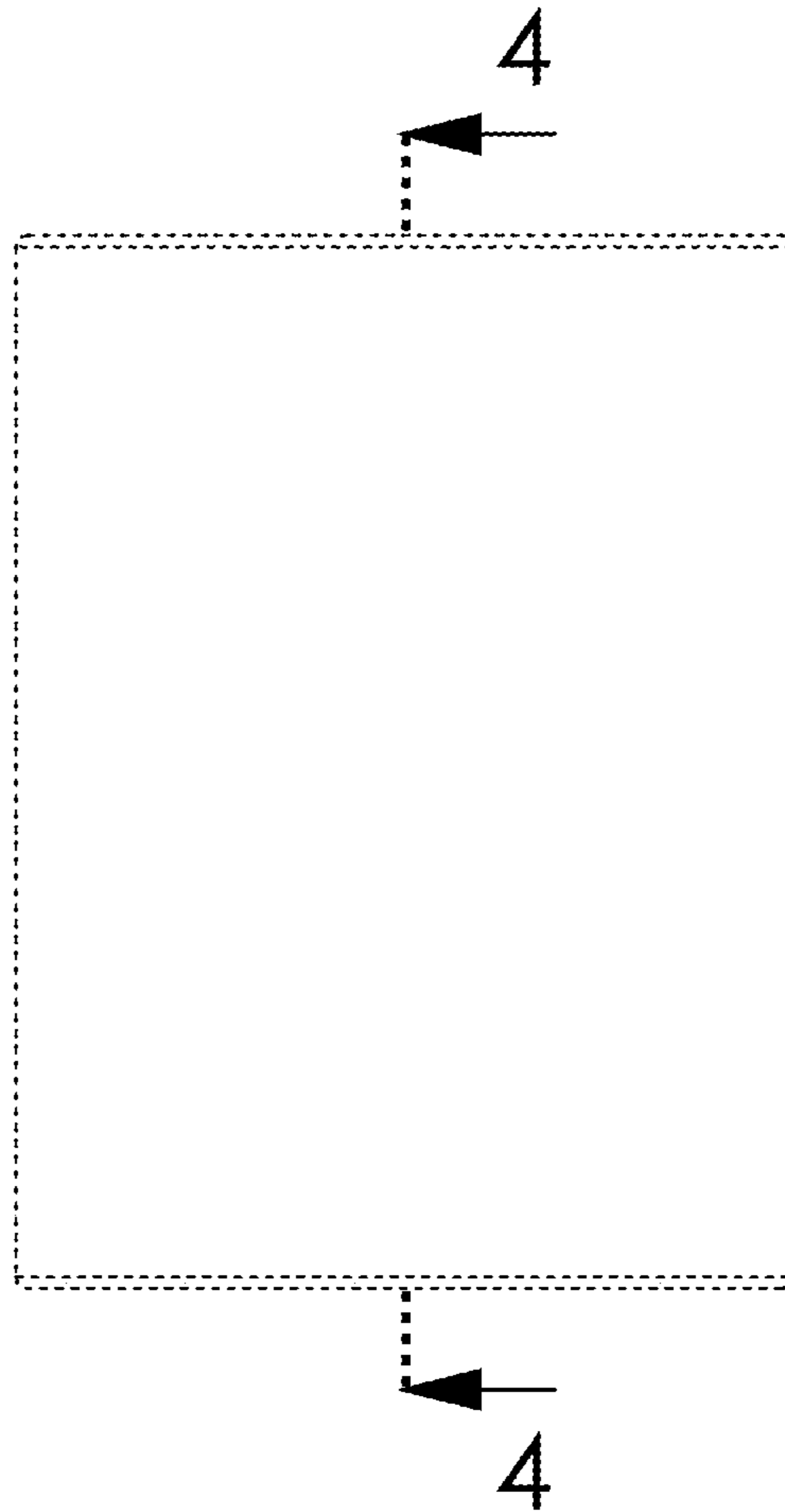
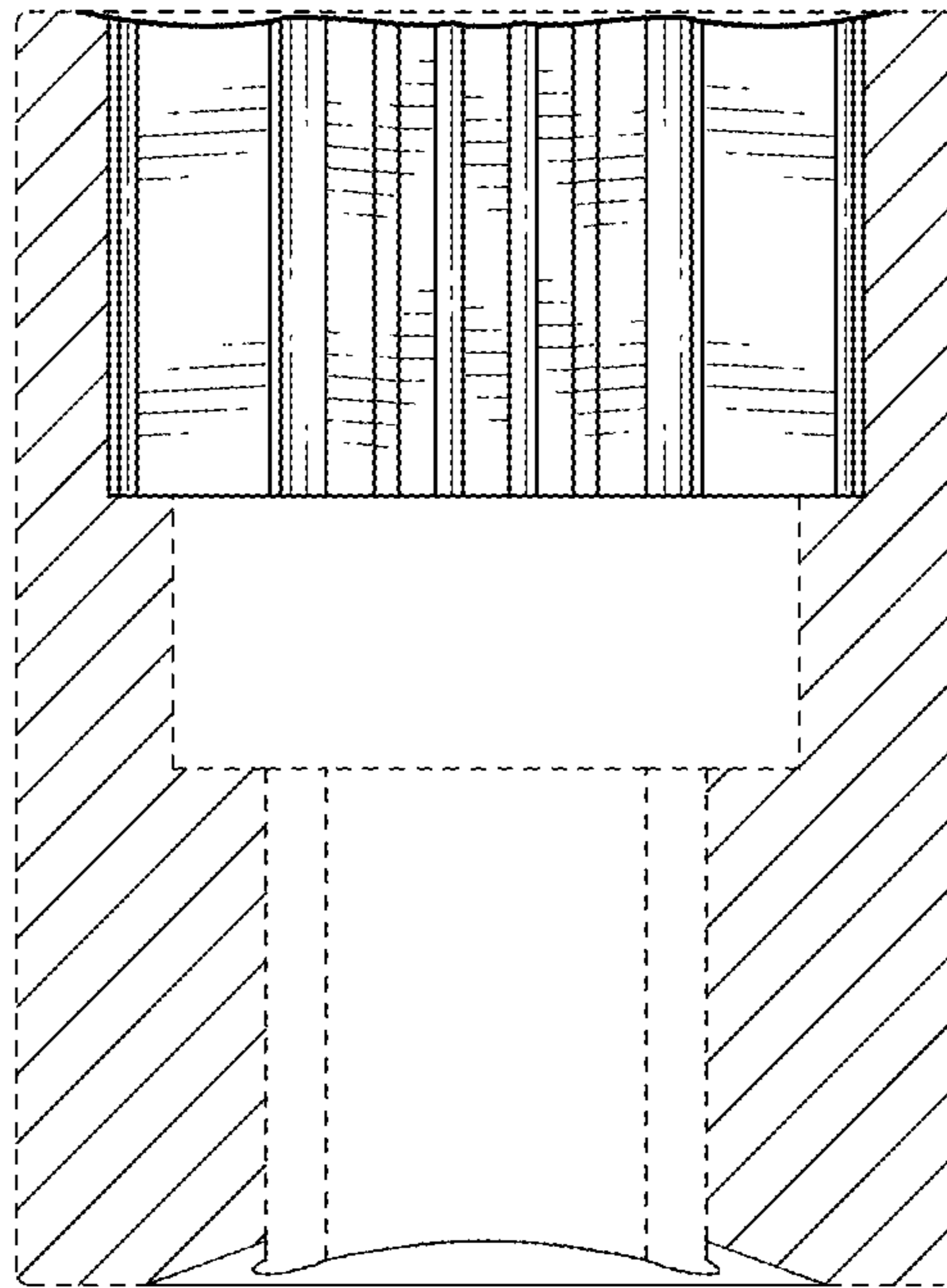


FIG. 3



SECTION 4 - 4

FIG. 4



FIG. 5



FIG. 6

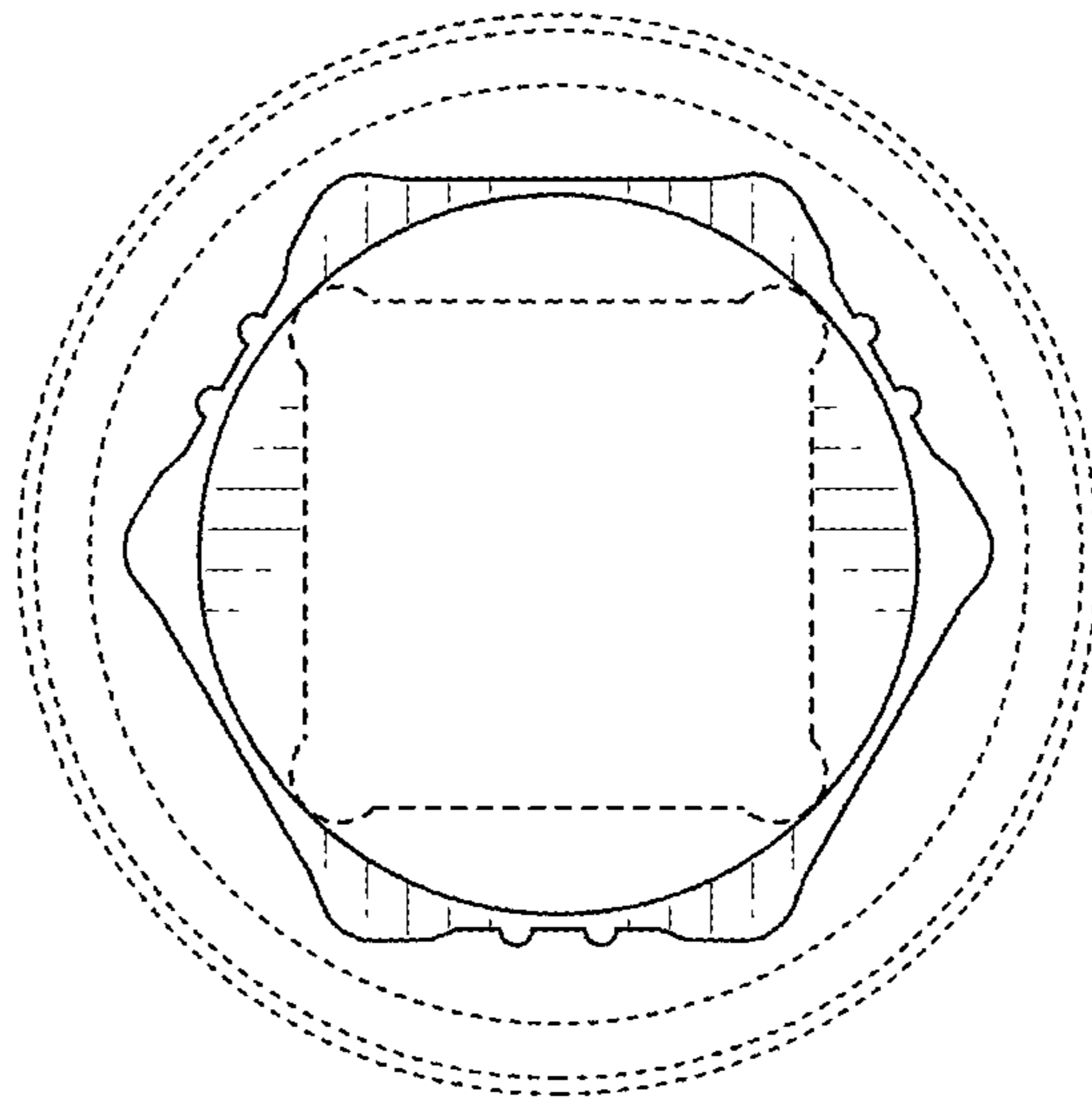


FIG. 7

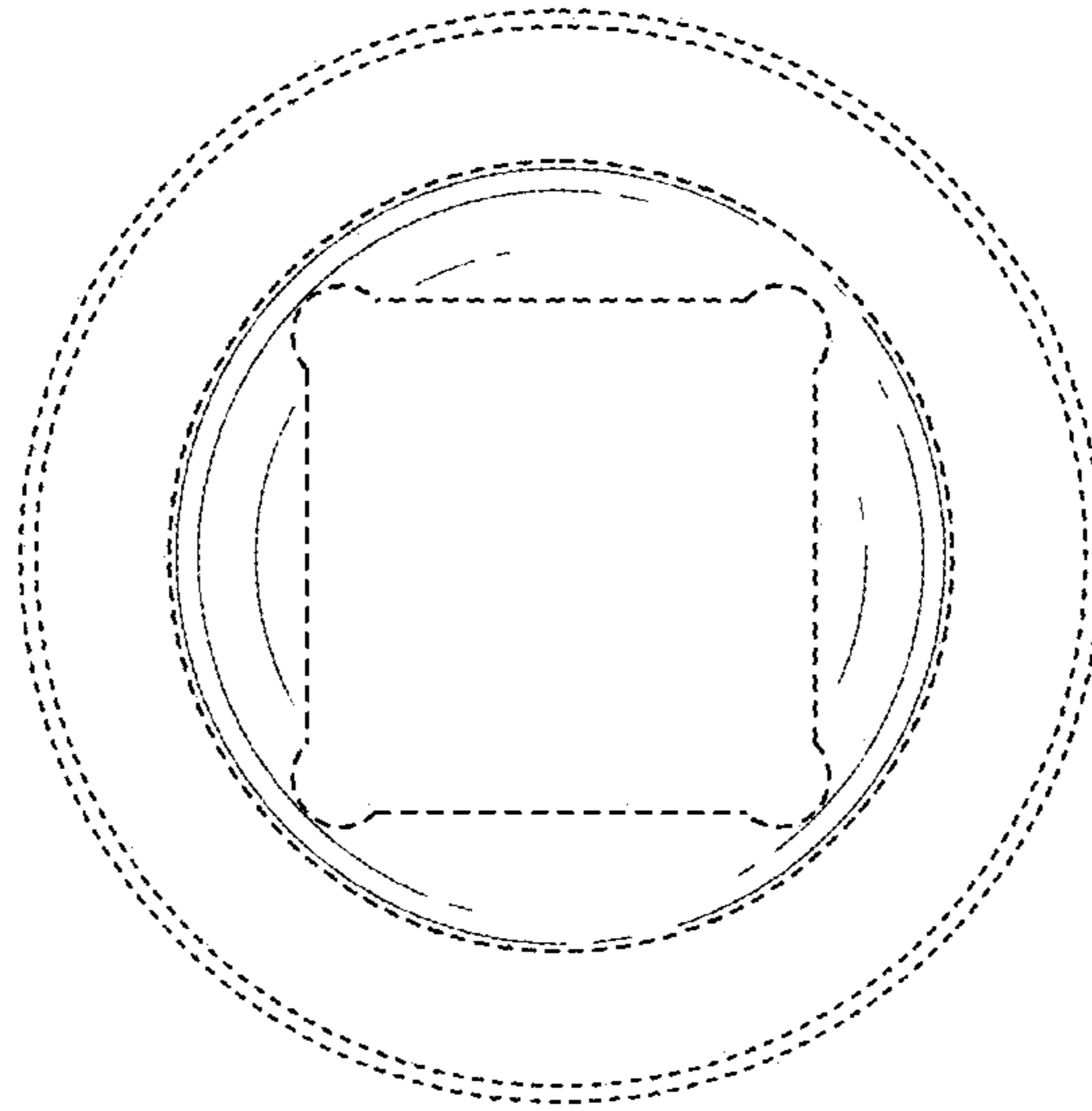


FIG. 8