

US00D886937S

(12)

United States Design Patent

Burrow et al.

(10) Patent No.: US D886,937 S

(45) Date of Patent: ** *Jun. 9, 2020

(54) AMMUNITION CARTRIDGE

(71) Applicant: TRUE VELOCITY IP HOLDINGS, LLC, Garland, TX (US)

(72) Inventors: Lonnie Burrow, Carrollton, TX (US); Christopher William Overton, Richardson, TX (US)

(73) Assignee: TRUE VELOCITY IP HOLDINGS, LLC, Garland, TX (US)

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

(**) Term: 15 Years

(21) Appl. No.: 29/630,033

(22) Filed: Dec. 19, 2017

(51) LOC (12) Cl. 22-02

(52) U.S. Cl. USPC D22/116

(58) Field of Classification Search USPC D22/115, 116; D11/143; D7/619.1 CPC F42B 5/26–38; F42B 33/00; F42B 8/14 See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

99,528 A	2/1870	Boyd
113,634 A	4/1871	Crispin
159,665 A	2/1872	Gauthey
130,679 A	8/1872	Whitmore
169,807 A	11/1875	Hart
462,611 A	11/1891	Comte de Sparre
498,856 A	6/1893	Overbaugh
640,856 A	1/1900	Bailey
662,137 A	11/1900	Tellerson
676,000 A	6/1901	Henneberg
865,979 A	9/1907	Bailey
869,046 A	10/1907	Bailey

905,358 A	12/1908	Peters
957,171 A	5/1910	Loeb
963,911 A	7/1910	Loeble
1,060,817 A	5/1913	Clyne
1,936,905 A	11/1933	Gaidos
1,940,657 A	12/1933	Woodford
2,294,822 A	9/1942	Norman
(Continued)		

FOREIGN PATENT DOCUMENTS

CA	2813634 A1	4/2012
DE	16742 C	1/1882
(Continued)		

OTHER PUBLICATIONS

YouTube.com—TFB TV, Published on Jul. 23, 2015, [site visited on Mar. 27, 2019], Available on the Internet URL <https://www.youtube.com/watch?v=mCjNkbbxHkEE> (Year: 2015).*

(Continued)

Primary Examiner — Karen S Acker
Assistant Examiner — Steven B Reinholdt, Jr.
(74) Attorney, Agent, or Firm — Chainey P. Singleton

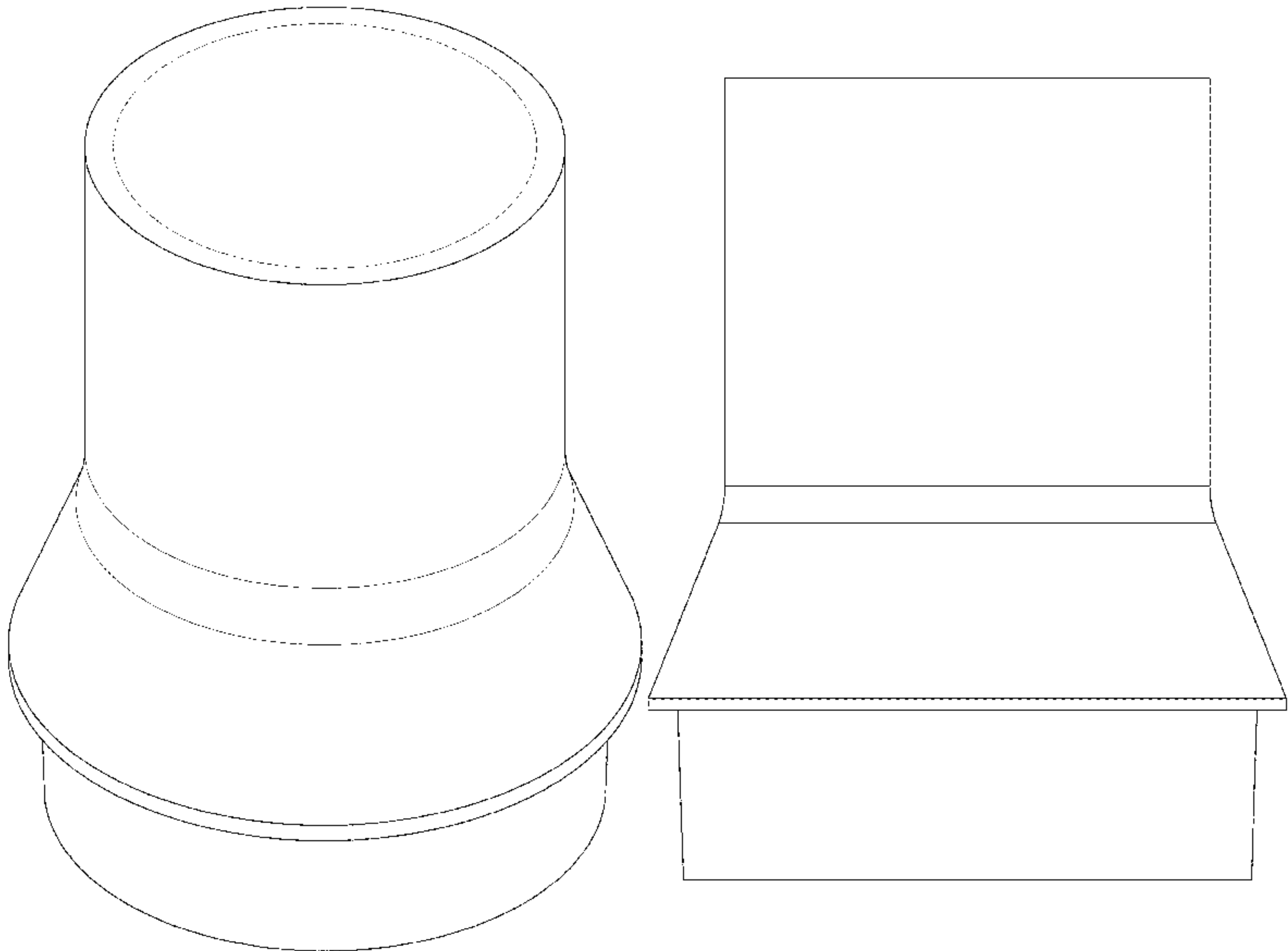
(57) CLAIM

The ornamental design for an ammunition cartridge, as shown and described.

DESCRIPTION

FIG. 1 is an isometric view of an ammunition cartridge showing our new design.
FIG. 2 is a top view of the ammunition cartridge of FIG. 1.
FIG. 3 is a cross sectional view taken from along line 3-3 in FIG. 2; and,
FIG. 4 is a side view of the ammunition cartridge of FIG. 1.
The broken lines depict portions of the ammunition cartridge that form no part of the claim.

1 Claim, 4 Drawing Sheets



Page 2

6,108,974	A *	8/2000	Herzog-Mesrobian	A47G 7/08 47/72
D435,626	S *	12/2000	Benini	D22/100
D439,116	S *	3/2001	White	D7/619.1
D442,833	S *	5/2001	Shuman	D7/608
6,257,149	B1 *	7/2001	Cesaroni	F42B 12/745 102/515
D447,209	S *	8/2001	Benini	D22/116
6,272,993	B1	8/2001	Cook et al.	
6,283,035	B1	9/2001	Olson et al.	
6,357,357	B1	3/2002	Glasser	
D455,052	S *	4/2002	Gullickson	D7/619.1
D455,320	S *	4/2002	Edelstein	D7/619.1
6,375,971	B1	4/2002	Hansen	
6,382,449	B1 *	5/2002	Kazmierski	B65D 3/14 220/4.03
6,450,099	B1	9/2002	Desgland	
6,460,464	B1	10/2002	Attarwala	
6,523,476	B1	2/2003	Riess et al.	
D478,530	S *	8/2003	Sachuk	D11/143
6,649,095	B2	11/2003	Buja	
6,672,219	B2	1/2004	Mackerell et al.	
6,708,621	B1	3/2004	Forichon-Chaumet et al.	
6,752,084	B1	6/2004	Husseini et al.	
6,810,816	B2	11/2004	Rennard	
6,840,149	B2	1/2005	Beal	
6,845,716	B2	1/2005	Husseini et al.	
7,000,547	B2	2/2006	Amick	
7,014,284	B2	3/2006	Morton et al.	
7,032,492	B2	4/2006	Meshirer	
7,056,091	B2	6/2006	Powers	
7,059,234	B2	6/2006	Husseini	
7,165,496	B2	1/2007	Reynolds	
D540,710	S *	4/2007	Charrin	D11/147
7,204,191	B2	4/2007	Wiley et al.	
7,213,519	B2	5/2007	Wiley et al.	
7,231,519	B2	6/2007	Joseph et al.	
7,232,473	B2	6/2007	Elliott	
7,299,750	B2	11/2007	Schikora et al.	
7,353,756	B2	4/2008	Leasure	
7,380,505	B1	6/2008	Shiery	
7,383,776	B2	6/2008	Amick	
7,392,746	B2	7/2008	Hansen	
7,441,504	B2	10/2008	Husseini et al.	
D583,927	S *	12/2008	Benner	D24/106
7,461,597	B2	12/2008	Brunn	
7,585,166	B2	9/2009	Buja	
7,610,858	B2	11/2009	Chung	
7,750,091	B2	7/2010	Maljkovic et al.	
D626,619	S *	11/2010	Gogol	D22/116
7,841,279	B2	11/2010	Reynolds et al.	
D630,761	S *	1/2011	Marshall	D24/215
D631,699	S *	2/2011	Moreau	D7/509
D633,166	S *	2/2011	Richardson	D22/116
7,930,977	B2	4/2011	Klein	
8,007,370	B2	8/2011	Hirsch et al.	
8,056,232	B2	11/2011	Patel et al.	
8,156,870	B2	4/2012	South	
8,201,867	B2	6/2012	Thomeczek	
8,206,522	B2	6/2012	Sandstrom et al.	
8,240,252	B2	8/2012	Maljkovic et al.	
D675,882	S *	2/2013	Crockett	D7/601
8,408,137	B2	4/2013	Battaglia	
D683,419	S *	5/2013	Rebar	D22/116
8,443,729	B2	5/2013	Mittelstaedt	
8,443,730	B2	5/2013	Padgett	
8,511,233	B2	8/2013	Nilsson	
D689,975	S *	9/2013	Carlson	D22/116
8,522,684	B2	9/2013	Davies et al.	
8,540,828	B2	9/2013	Busky et al.	
8,561,543	B2	10/2013	Burrow	
8,573,126	B2	11/2013	Klein et al.	
8,641,842	B2	2/2014	Hafner et al.	
8,689,696	B1	4/2014	Seeman et al.	
8,763,535	B2	7/2014	Padgett	
8,790,455	B2	7/2014	Borissov et al.	
8,807,008	B2	8/2014	Padgett et al.	
8,813,650	B2	8/2014	Maljkovic et al.	

(56)

References Cited

U.S. PATENT DOCUMENTS

D715,888 S	10/2014	Padgett	
8,850,985 B2	10/2014	Maljkovic et al.	
8,857,343 B2	10/2014	Marx	
8,869,702 B2	10/2014	Padgett	
D717,909 S *	11/2014	Thrift	D22/116
8,875,633 B2	11/2014	Padgett	
8,893,621 B1	11/2014	Escobar	
D723,418 S *	3/2015	Thuma	D11/143
8,978,559 B2	3/2015	Davies et al.	
9,003,973 B1	4/2015	Padgett	
9,032,855 B1	5/2015	Foren et al.	
9,091,516 B2	7/2015	Davies et al.	
9,103,641 B2	8/2015	Nielson et al.	
9,157,709 B2	10/2015	Nuetzman et al.	
9,170,080 B2	10/2015	Poore et al.	
9,182,204 B2	11/2015	Maljkovic et al.	
9,188,412 B2	11/2015	Maljkovic et al.	
9,200,157 B2	12/2015	El-Hibri et al.	
9,200,880 B1	12/2015	Foren et al.	
9,212,876 B1	12/2015	Kostka et al.	
9,212,879 B2	12/2015	Whitworth	
9,213,175 B2	12/2015	Arnold	
9,254,503 B2	2/2016	Ward	
9,255,775 B1	2/2016	Rubin	
D752,397 S *	3/2016	Seiders	D7/608
D754,223 S *	4/2016	Pederson	D15/90
9,329,004 B2	5/2016	Pace	
9,335,137 B2	5/2016	Maljkovic et al.	
9,337,278 B1	5/2016	Gu et al.	
9,347,457 B2	5/2016	Ahrens et al.	
9,366,512 B2	6/2016	Burczynski et al.	
9,377,278 B2	6/2016	Rubin	
9,389,052 B2	7/2016	Conroy et al.	
9,395,165 B2	7/2016	Maljkovic et al.	
D764,624 S	8/2016	Masinelli	
D765,214 S	8/2016	Padgett	
9,429,407 B2	8/2016	Burrow	
9,441,930 B2	9/2016	Burrow	
9,453,714 B2	9/2016	Bosarge et al.	
D773,009 S *	11/2016	Bowers	D22/116
9,500,453 B2	11/2016	Schluckebier et al.	
9,506,735 B1	11/2016	Burrow	
D773,250 S *	12/2016	Miller	D7/523
D774,824 S *	12/2016	Gallagher	D7/313
9,513,096 B2	12/2016	Burrow	
9,518,810 B1	12/2016	Burrow	
9,523,563 B1	12/2016	Burrow	
9,528,799 B2	12/2016	Maljkovic	
9,546,849 B2	1/2017	Burrow	
9,551,557 B1	1/2017	Burrow	
D778,391 S	2/2017	Burrow	
D778,393 S	2/2017	Burrow	
D778,394 S	2/2017	Burrow	
D778,395 S	2/2017	Burrow	
D779,024 S	2/2017	Burrow	
D780,283 S *	2/2017	Burrow	D22/116
D780,533 S *	3/2017	Seiders	D7/608
9,587,918 B1	3/2017	Burrow	
9,599,443 B2	3/2017	Padgett et al.	
D784,137 S *	4/2017	Cates	D9/500
9,625,241 B2	4/2017	Neugebauer	
9,631,907 B2	4/2017	Burrow	
D786,025 S *	5/2017	Seiders	D7/606
9,644,930 B1	5/2017	Burrow	
9,658,042 B2	5/2017	Emary	
D788,636 S *	6/2017	Paternostre	D11/143
D790,392 S *	6/2017	Paternostre	D11/143
9,683,818 B2	6/2017	Lemke et al.	
D792,200 S *	7/2017	Baiz	D8/387
9,709,368 B2	7/2017	Mahnke	
D793,172 S *	8/2017	Medina	D7/624.2
D797,880 S *	9/2017	Seecamp	D22/116
9,759,554 B2	9/2017	Ng et al.	
D800,244 S *	10/2017	Burczynski	D22/115
D800,245 S *	10/2017	Burczynski	D22/115
D800,246 S *	10/2017	Burczynski	D22/115
9,784,667 B2	10/2017	Lukay et al.	
D801,753 S *	11/2017	Piper	D7/624.2
D805,856 S *	12/2017	Rivera	D7/624.2
9,835,423 B2	12/2017	Burrow	
9,835,427 B2	12/2017	Burrow	
9,857,151 B2	1/2018	Dionne et al.	
9,869,536 B2	1/2018	Burrow	
9,885,551 B2	2/2018	Burrow	
D813,975 S *	3/2018	White	D22/116
9,921,040 B2	3/2018	Rubin	
9,927,219 B2	3/2018	Burrow	
D814,695 S *	4/2018	Petteys	D27/195
9,933,241 B2	4/2018	Burrow	
9,939,236 B2	4/2018	Drobockyi et al.	
9,964,388 B1	5/2018	Burrow	
D821,536 S *	6/2018	Christiansen	D22/116
D824,732 S *	8/2018	Hsiao	D7/624.2
D832,037 S *	10/2018	Gallagher	D7/397
D834,447 S *	11/2018	van Smirren	A47G 7/06 D11/143
D839,676 S *	2/2019	Seiders	D7/523
D839,677 S *	2/2019	Seiders	D7/523
D843,788 S *	3/2019	Boroski	D7/608
10,234,249 B2 *	3/2019	Burrow	F42B 5/307
10,234,253 B2 *	3/2019	Burrow	F42B 5/307
10,240,905 B2 *	3/2019	Burrow	F42B 5/307
10,254,096 B2 *	4/2019	Burrow	F42B 5/307
10,365,074 B2 *	7/2019	Burrow	F42C 19/083
2003/0131751 A1	7/2003	Mackerell et al.	
2005/0192835 A1 *	9/2005	Kuo	G06Q 50/22 705/2
2006/0260500 A1	11/2006	Engel et al.	
2006/0283345 A1 *	12/2006	Feldman	F42B 12/365 102/430
2007/0056343 A1	3/2007	Cremonesi	
2007/0181029 A1 *	8/2007	Mcaninch	F41B 11/00 102/430
2007/0204511 A1 *	9/2007	Lee	A47G 7/06 47/66.1
2009/0314178 A1	12/2009	South	
2010/0275804 A1	11/2010	Trivette	
2011/0036000 A1 *	2/2011	Verdecia	A47G 7/06 47/41.1
2012/0011219 A1	1/2012	Zhang et al.	
2012/0037029 A1	2/2012	Klement	
2012/0111219 A1	5/2012	Burrow	
2012/0180685 A1 *	7/2012	O	F24B 8/14 102/334
2012/0180688 A1	7/2012	Padgett	
2012/0199033 A1	8/2012	Bybee et al.	
2012/0291655 A1 *	11/2012	Jones	F42B 8/14 102/502
2013/0014665 A1	1/2013	Maljkovic et al.	
2013/0186294 A1 *	7/2013	Davies	F42B 5/307 102/467
2014/0060372 A1	3/2014	Padgett	
2014/0260925 A1	9/2014	Beach et al.	
2014/0261044 A1 *	9/2014	Seecamp	F42B 12/36 102/464
2014/0311332 A1 *	10/2014	Carlson	F42B 5/045 89/191.01
2015/0033970 A1 *	2/2015	Maljkovic	F42B 5/307 102/467
2015/0226220 A1	8/2015	Bevington	
2015/0241183 A1	8/2015	Padgett et al.	
2015/0241184 A1	8/2015	Burrow	
2016/0003589 A1	1/2016	Burrow	
2016/0003590 A1	1/2016	Burrow	
2016/0003593 A1	1/2016	Burrow	
2016/0003594 A1	1/2016	Burrow	
2016/0003595 A1	1/2016	Burrow	
2016/0003596 A1	1/2016	Burrow	
2016/0003597 A1	1/2016	Burrow	
2016/0003601 A1	1/2016	Burrow	
2016/0033241 A1	2/2016	Burrow	
2016/0102030 A1	4/2016	Coffey et al.	
2016/0209186 A1	7/2016	Hajjar	

(56)

References Cited

U.S. PATENT DOCUMENTS

2016/0245626 A1 8/2016 Drieling et al.
2016/0265886 A1* 9/2016 Aldrich F42B 5/30
2016/0349022 A1* 12/2016 Burrow F42B 5/307
2016/0349023 A1 12/2016 Burrow
2016/0349028 A1 12/2016 Burrow
2016/0356581 A1 12/2016 Burrow
2016/0356588 A1 12/2016 Burrow
2016/0377399 A1 12/2016 Burrow
2017/0080498 A1 3/2017 Burrow
2017/0082409 A1 3/2017 Burrow
2017/0082411 A1 3/2017 Burrow
2017/0089673 A1 3/2017 Burrow
2017/0089674 A1 3/2017 Burrow
2017/0089675 A1 3/2017 Burrow
2017/0089679 A1 3/2017 Burrow
2017/0115105 A1* 4/2017 Burrow F42B 33/001
2017/0261294 A1 9/2017 Riess
2017/0261299 A1* 9/2017 Burrow F42C 19/083
2018/0066925 A1 3/2018 Skowron et al.
2018/0106581 A1* 4/2018 Rogers F42B 12/367
2018/0224252 A1* 8/2018 O'Rourke F42B 12/40
2019/0011234 A1* 1/2019 Boss F42C 19/083
2019/0107375 A1* 4/2019 Burrow F42B 33/001
2019/0137244 A1* 5/2019 Burrow F42B 5/307

FOREIGN PATENT DOCUMENTS

EP 2625486 A4 8/2017
FR 1412414 A 10/1965
GB 783023 A 9/1957

WO 0034732 6/2000
WO 2007014024 A2 2/2007
WO 2012047615 A1 4/2012
WO 2012097320 A1 7/2012
WO 2012097317 A3 11/2012
WO 2013070250 A1 5/2013
WO 2013096848 A1 6/2013
WO 2014062256 A2 4/2014
WO 2016003817 A1 1/2016

OTHER PUBLICATIONS

Luck Gunner.com, Review: Polymer Cased Rifle Ammunition from PCP Ammo, Published Jan. 6, 2014, [site visited Mar. 27, 2019], Available on the Internet URL <https://www.luckygunner.com/lounge/pcp-ammo-review/> (Year: 2014).*

International Ammunition Assoc website, Published in Apr. 2017, PCP Ammo Variation in U.S. Military Polymer/Metal Cartridge Case R&D, [site visited Mar. 29, 2019], Available on the Internet URL <https://forum.cartridgecollectors.org/t/pcp-ammo-variation-in-u-s-military-polymer-metal-cartridge-case-r-d/24400> (Year: 2017).*

AccurateShooter.com Daily Bulletin “New PolyCase Ammunition and Injection-Molded Bullets” Jan. 11, 2015.

Korean Intellectual Property Office (ISA), International Search Report and Written Opinion for PCT/US2011/062781 dated Nov. 30, 2012, 16 pp.

Korean Intellectual Property Office (ISA), International Search Report and Written Opinion for PCT/US2015/038061 dated Sep. 21, 2015, 28 pages.

* cited by examiner

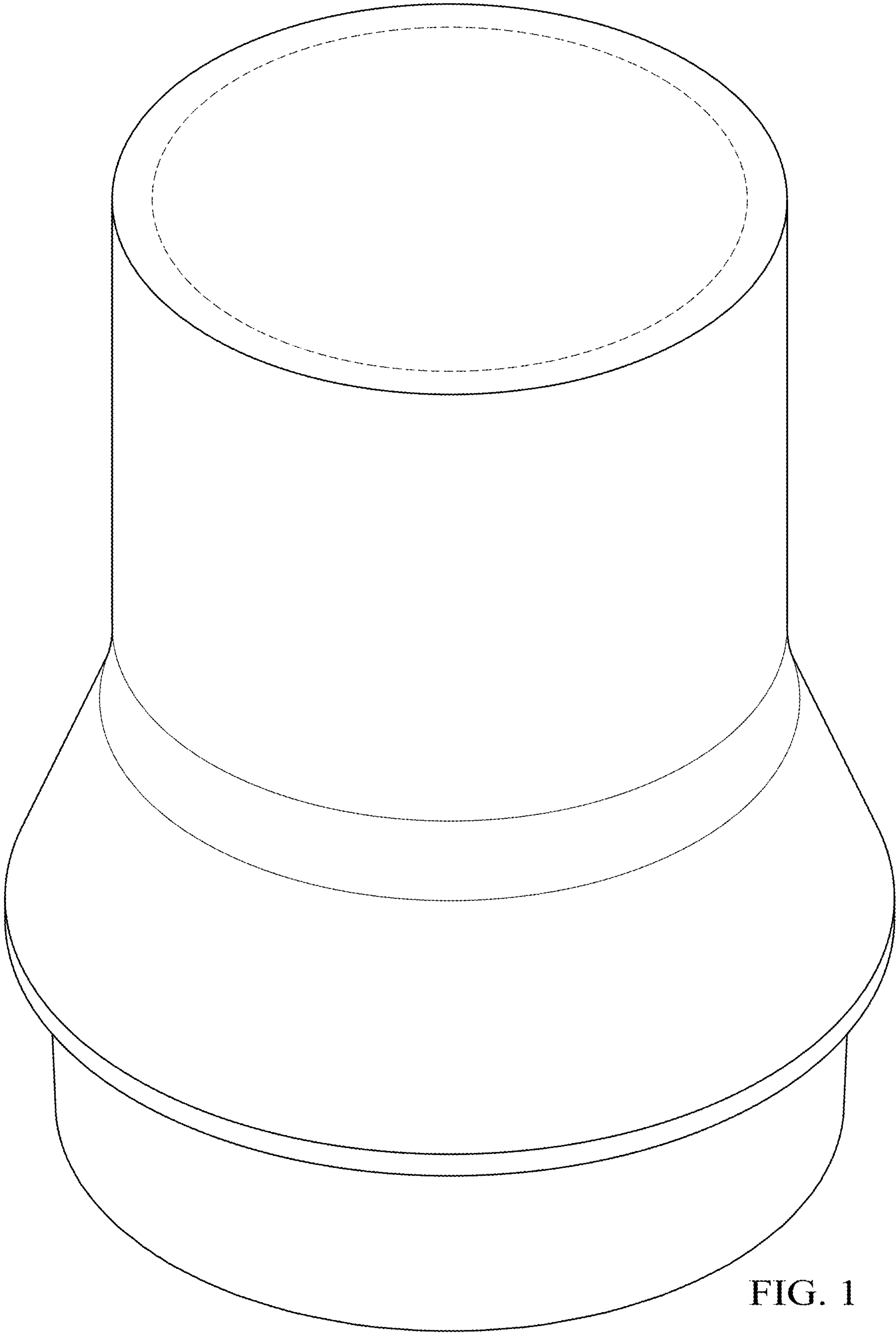


FIG. 1

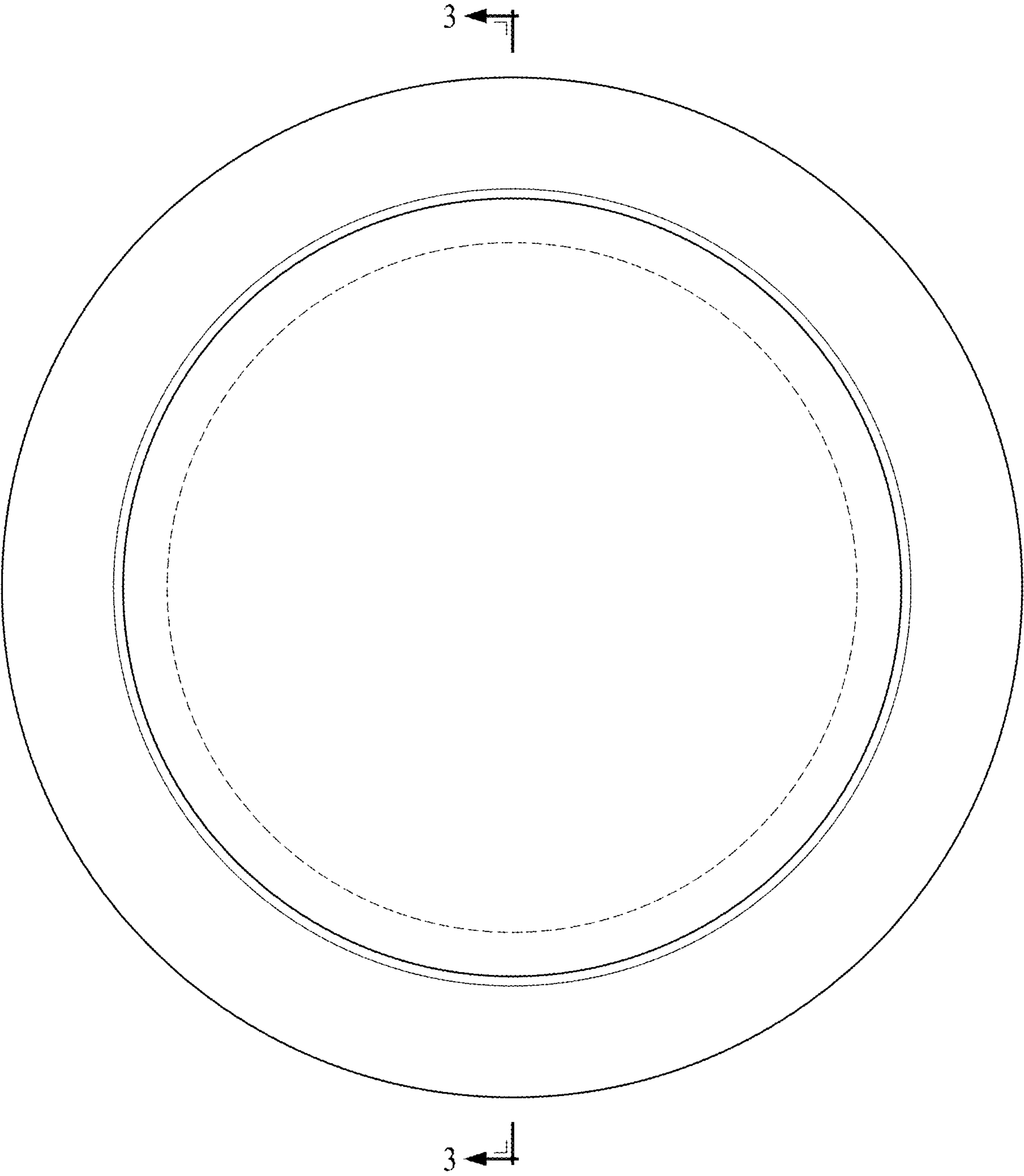


FIG. 2

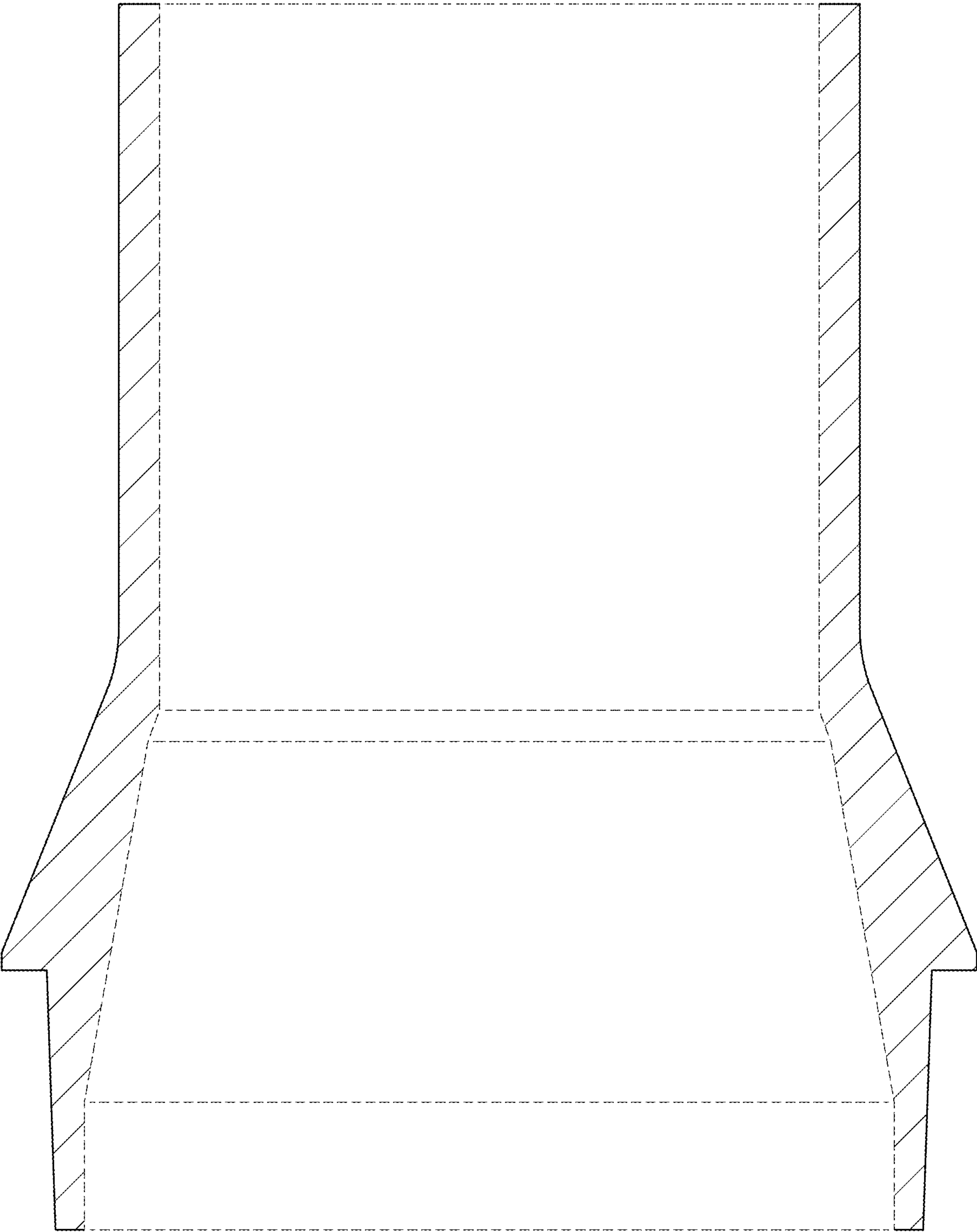


FIG. 3

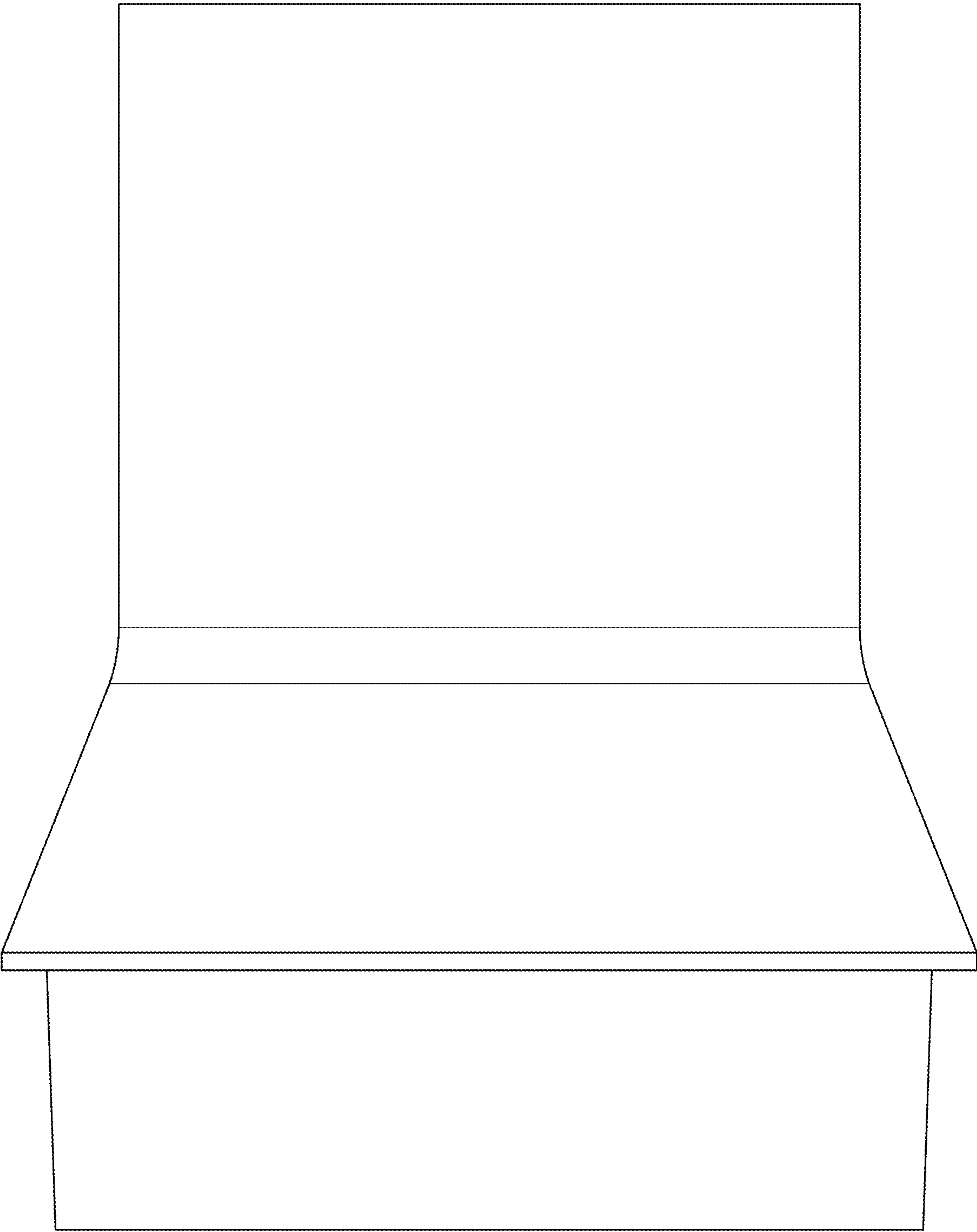


FIG. 4