



US0D1018887S

(12)

United States Design Patent

Williams et al.

(10)

Patent No.:

US D1,018,887 S

(45)

Date of Patent:

** Mar. 19, 2024

(54) DUAL HEAD PERCUSSIVE MASSAGER
TOOL BASE

4,513,737 A 4/1985 Mabuchi
4,549,535 A 10/1985 Wing
D284,553 S 7/1986 Collister
(Continued)

(71) Applicant: PlayMakar Inc., Fort Worth, TX (US)

(72) Inventors: Michael J. Williams, Colleyville, TX
(US); Federico G. Vierheller, Fort
Worth, TX (US)

FOREIGN PATENT DOCUMENTS

CH 388531 A 2/1965
CN 2694966 Y 4/2005
(Continued)

(73) Assignee: PlayMakar, Inc., Fort Worth, TX (US)

(**) Term: 15 Years

OTHER PUBLICATIONS

(21) Appl. No.: 29/876,938

Playmakar, "ShocDuo Mini_Massage Head", Earliest Review Date:
Jul. 7, 2023. <https://playmakar.com/product/shocduo-mini/> (Year:
2023).*

(22) Filed: May 31, 2023

(Continued)

Related U.S. Application Data

(63) Continuation-in-part of application No. 17/508,954,
filed on Oct. 22, 2021, now Pat. No. 11,752,064.

(51) LOC (14) Cl. 24-01

(52) U.S. Cl.
USPC D24/215

(58) Field of Classification Search

USPC D24/200, 209, 211, 212, 213, 214, 215;
D7/393; D8/300, 307, 310, 378;
D9/435, 439
CPC A61H 2201/1685; A61H 2201/0165; A61H
23/006; A61H 2201/0119; A61H
2201/1692

See application file for complete search history.

Primary Examiner — Michael A Maharajh

(74) Attorney, Agent, or Firm — Dawn-Marie Bey; Bey
& Cotropia PLLC

(57) CLAIM

The ornamental design for a dual head percussive massager
tool base, as shown and described.

DESCRIPTION

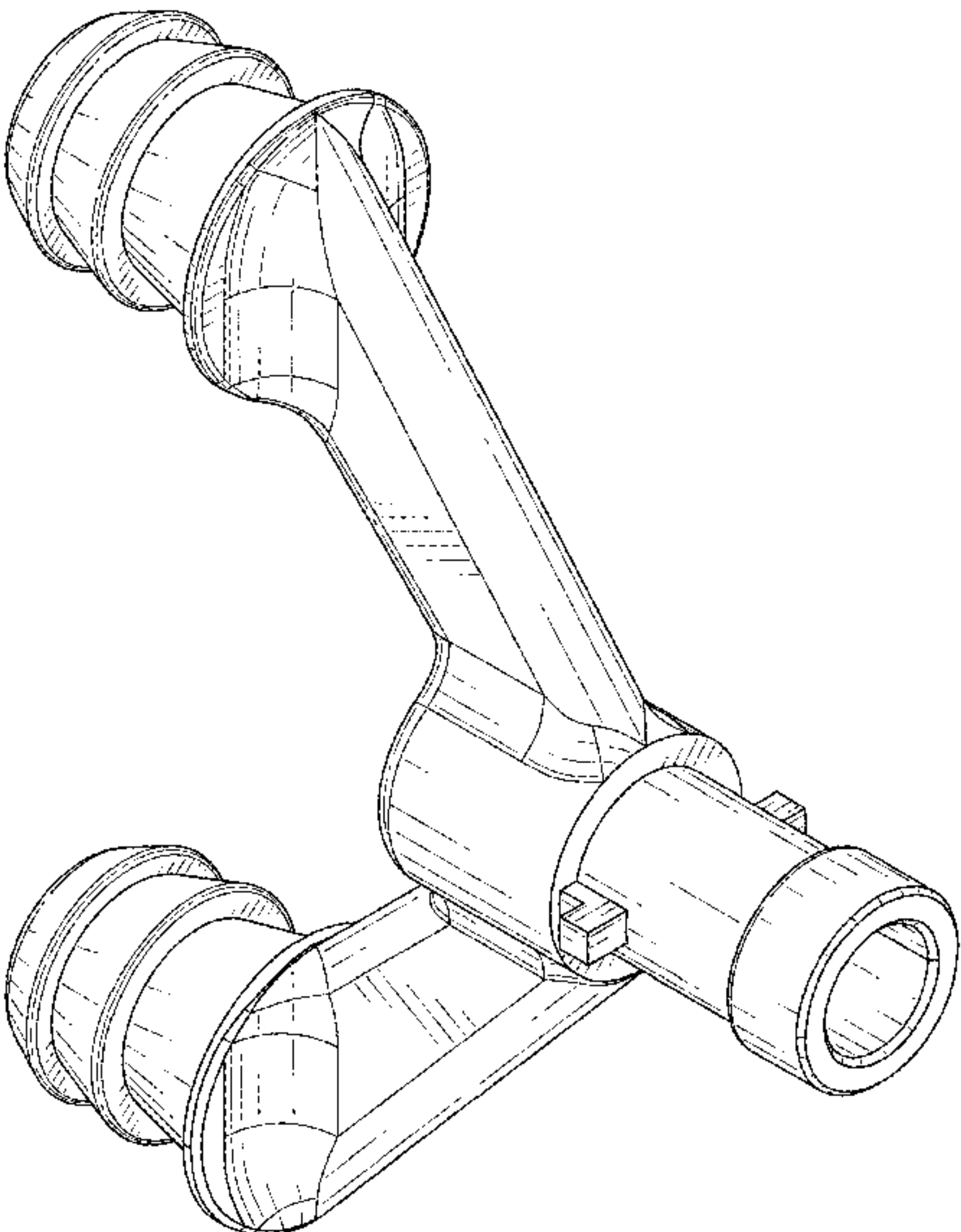
FIG. 1 is a perspective view of a dual head percussive
massager tool base;
FIG. 2 is a top view of the dual head percussive massager
tool base;
FIG. 3 is a bottom view of the dual head percussive
massager tool base;
FIG. 4 is a front view of the dual head percussive massager
tool base;
FIG. 5 is a back view of the dual head percussive massager
tool base;
FIG. 6 is a left view of the dual head percussive massager
tool base; and,
FIG. 7 is a right view of the dual head percussive massager
tool base.

(56) References Cited

U.S. PATENT DOCUMENTS

859,424 A 7/1907 Aschburner
890,822 A 6/1908 Tourtel
1,368,782 A 2/1921 Beach
2,122,556 A 7/1938 Buffalow
2,156,839 A 5/1939 Buffalow
4,088,128 A 5/1978 Mabuchi

1 Claim, 6 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

4,726,369	A	2/1988	Mar		D906,533	S	12/2020	Xu	
4,726,430	A	2/1988	Hendrikx		D907,792	S	1/2021	Marton	
4,790,296	A	12/1988	Segal		D908,235	S	1/2021	Marton	
4,841,955	A	6/1989	Evans		D910,870	S	2/2021	Marton	
5,085,207	A	2/1992	Fiore		D917,060	S	4/2021	Hu	
5,134,777	A	8/1992	Meyer		D918,404	S	5/2021	Wersland	
D373,571	S	9/1996	Zambelli		D918,405	S	5/2021	Wersland	
5,656,017	A	8/1997	Keller		D918,408	S	5/2021	Huang	
5,690,608	A	11/1997	Watanabe		10,993,874	B1	5/2021	Marton	
5,697,268	A	12/1997	Makovsky		D920,944	S	6/2021	Paterson	
5,730,044	A	3/1998	Oh		D924,422	S	7/2021	Huang	
D434,291	S	11/2000	Kim		D927,716	S	8/2021	Wersland	
6,228,042	B1	5/2001	Dungan		D927,717	S	8/2021	Wersland	
6,357,125	B1	3/2002	Feldmann		D931,492	S	9/2021	Li	
6,616,621	B1	9/2003	Kohr		D935,403	S	11/2021	Wu	
6,682,496	B1	1/2004	Pivaroff		D935,404	S	11/2021	Wu	
6,758,826	B2	7/2004	Luetngen		D938,056	S	12/2021	Wu	
D525,115	S	7/2006	Harwanko		D940,892	S	1/2022	Shen	
7,122,013	B2	10/2006	Liu		D941,145	S	1/2022	Wang	
7,144,417	B2	12/2006	Colloca		11,253,423	B1	2/2022	Williams	
D544,102	S	6/2007	Pivaroff		D946,166	S	3/2022	Li	D24/215
D578,080	S	10/2008	Whang		D949,365	S	4/2022	Li	
7,503,923	B2	3/2009	Miller		D949,366	S	4/2022	Li	
D607,852	S	1/2010	Riede		D949,384	S	4/2022	Liang	
D631,073	S	1/2011	Papa		D949,416	S	4/2022	Khubani	D24/215
D632,265	S	2/2011	Choi		D949,417	S	4/2022	Khubani	
D639,784	S	6/2011	Murayama		D949,418	S	4/2022	Khubani	
D649,657	S	11/2011	Petersen		D952,878	S	5/2022	Lin	
8,083,699	B2	12/2011	Colloca		D958,654	S	7/2022	Lupberger	
D662,398	S	6/2012	Jahnke		D959,268	S	8/2022	Hume	
D679,576	S	4/2013	Paul		D961,107	S	8/2022	Tian	
8,826,547	B2	9/2014	Oberheim		D961,795	S	8/2022	Zhao	
8,968,221	B2	3/2015	Pryor		11,452,665	B1	9/2022	Yu	
D738,355	S	9/2015	Smith		D967,971	S	10/2022	Jinfeng	
D751,538	S	3/2016	Koehler		11,478,400	B1	10/2022	Marton	
D756,333	S	5/2016	Smith		11,497,674	B2	11/2022	Cheng	
9,526,671	B2	12/2016	Weck		11,497,676	B2	11/2022	Liu	
D781,674	S	3/2017	Bullard		D975,862	S	1/2023	Zhang	D24/215
9,889,066	B2	2/2018	Danby		D992,130	S	7/2023	Marton	D24/211
D826,205	S	8/2018	Langhammer		D992,131	S	7/2023	Marton	D24/211
D837,395	S	1/2019	Gan		D992,132	S	7/2023	Marton	D24/211
D840,355	S	2/2019	Simon		D992,137	S	7/2023	Lee	D24/215
D845,499	S	4/2019	Wersland	D24/211	2002/0082532	A1	6/2002	Tucek	
D848,398	S	5/2019	Huang		2002/0107459	A1	8/2002	Chang	
D849,260	S	5/2019	Wersland		2003/0009116	A1	1/2003	Luetngen	
D850,639	S	6/2019	Wersland		2003/0009118	A1	1/2003	Sabo	
D850,640	S	6/2019	Wersland		2003/0028134	A1	2/2003	Lev	
10,314,762	B1	6/2019	Marton		2003/0040689	A1	2/2003	Chan	
10,357,425	B2	7/2019	Wersland		2003/0101847	A1	6/2003	Harimoto	
D855,822	S	8/2019	Marton		2003/0195443	A1	10/2003	Miller	
D857,650	S	8/2019	Hardi		2005/0109137	A1	5/2005	Hartmann	
D859,680	S	9/2019	Wersland		2005/0113870	A1	5/2005	Miller	
D865,192	S	10/2019	Nazarian	D24/200	2005/0131461	A1	6/2005	Tucek	
D867,342	S	11/2019	Afshar Bakooshli		2006/0025710	A1	2/2006	Schulz	
10,485,731	B2	11/2019	Babiuk		2006/0293711	A1	12/2006	Keller	
10,492,984	B2	12/2019	Marton		2008/0014011	A1	1/2008	Rossen	
D873,432	S	1/2020	Duan		2008/0183252	A1	7/2008	Khen	
D874,015	S	1/2020	Marton		2009/0270915	A1	10/2009	Tsai	
10,561,574	B1	2/2020	Marton		2010/0137907	A1	6/2010	Tsai	
D882,785	S	4/2020	Qun		2011/0056339	A1	3/2011	Su	
D886,317	S	6/2020	Marton		2014/0031866	A1	1/2014	Fuhr	
D890,353	S	7/2020	Nazarian		2014/0234146	A1	8/2014	Pattakos	
D890,942	S	7/2020	Wersland		2015/0005682	A1	1/2015	Danby	
D890,943	S	7/2020	Wersland		2015/0107383	A1	4/2015	Duesselberg	
10,702,448	B2	7/2020	Wersland		2015/0182415	A1	7/2015	Olkowski	
D893,738	S	8/2020	Zhuang		2016/0354277	A1	12/2016	Fima	
D895,133	S	9/2020	Xu		2016/0367425	A1	12/2016	Wersland	
D895,135	S	9/2020	Xu		2017/0001290	A1	1/2017	Liu	
D895,402	S	9/2020	Hung		2017/0304145	A1	10/2017	Pepe	
D895,828	S	9/2020	Marshall		2018/0008512	A1	1/2018	Goldstein	
D895,831	S	9/2020	Chen		2018/0168913	A1	6/2018	Sedic	
D896,393	S	9/2020	Wersland		2018/0200141	A1	7/2018	Wersland	
D898,933	S	10/2020	Xu		2018/0263845	A1	9/2018	Wersland	
D903,140	S	11/2020	Andrejs	D24/214	2018/0320732	A1	11/2018	Kim	
D905,863	S	12/2020	Lin		2018/0353369	A1	12/2018	Newns	
					2019/0015294	A1	1/2019	Nazarian	
					2019/0175434	A1	6/2019	Zhang	
					2019/0209424	A1	7/2019	Wersland	
					2019/0232403	A1	8/2019	Candelaria	

(56) References Cited

U.S. PATENT DOCUMENTS

2019/0254921	A1	8/2019	Marton
2019/0350793	A1	11/2019	Wersland
2019/0365598	A1	12/2019	Qu
2020/0046598	A1	2/2020	Shen
2020/0046604	A1	2/2020	Danby
2020/0085675	A1	3/2020	Lee
2020/0110526	A1	4/2020	Ano
2020/0170871	A1	6/2020	Lukinuk
2020/0214930	A1	7/2020	Wersland
2020/0261307	A1	8/2020	Wersland
2020/0261310	A1	8/2020	Wersland
2020/0268594	A1	8/2020	Pepe
2020/0276079	A1	9/2020	Cheng
2020/0289365	A1	9/2020	Wersland
2020/0330321	A1	10/2020	Wersland
2020/0352820	A1	11/2020	Nazarian
2020/0352821	A1	11/2020	Wersland
2020/0390644	A1	12/2020	Yang
2020/0393026	A1	12/2020	Chang
2020/0405574	A1	12/2020	Wersland
2021/0003168	A1	1/2021	Cong
2021/0022951	A1	1/2021	Hu
2021/0022955	A1	1/2021	Wersland
2021/0059898	A1	3/2021	Wersland
2021/0113421	A1	4/2021	Chuang
2021/0128402	A1	5/2021	Dai
2021/0137779	A1	5/2021	Ayu
2021/0196562	A1	7/2021	Zhao
2021/0244610	A1	8/2021	Wersland
2021/0322257	A1	10/2021	Lee
2021/0369549	A1	12/2021	Almodovar
2022/0096320	A1	3/2022	Lu
2022/0154764	A1	5/2022	Yamashita
2022/0168175	A1	6/2022	Tang
2022/0168177	A1	6/2022	Vierheller
2022/0211575	A1	7/2022	Wersland

FOREIGN PATENT DOCUMENTS

CN	202536467	U	11/2012
CN	205268525	U	6/2016
CN	206381369	U	8/2017
CN	208130157	U	11/2018
CN	306178047		11/2020
CN	212749648	U	3/2021
CN	2020305792978		3/2021
CN	306489315		4/2021
CN	2021302494257		8/2021
KR	102249761	B1	5/2021
TW	M511855	U	11/2015
TW	M543692	U	6/2017
TW	D207405		9/2020
WO	2022149067	A1	7/2022

OTHER PUBLICATIONS

Amazon, “PlayMakar ShocDuo Dual Head”, Date First Available: Oct. 6, 2022. <https://www.amazon.com/PlayMakar-ShocDuo-Absorption-Reverberation-Massage/dp/B0BHKQFR97> (Year: 2022). *
Massage Gun Deep Tissue, Percussion Muscle Massager Gun for Athletes—Flyby F1 Pro—Handheld Neck & Back Massager for Pain Relief—Therapy and Relaxation Body Massager Gun—Lightweight (Black), [retrieved on Oct. 28, 21], 9 pp., from: https://www.amazon.com/massage-Gun-Deep-Tissue-Lightweight/dp/B07Y8SRYL3/ref=sr_1_1_sspa?crid=2WYI8SO0AT230&dchild=1&keywords=flyby%2Bmassage%2Bgun&qid=1635265651&s=hpc&srefix=flyby%2B%2Chpc%2C179&sr=1-1.
Toloco Massage Gun, upgrade Percussion Muscle Massage Gun tor Athletes, Handheld Deep Tissue Massager Black), [retrieved on Oct. 29, 2021], 10 pp., from: https://www.amazon.com/TOLOCO-massage-Gun-Upgraded-Brushless/dp/B083L8RNJR/ref=sr_1_1_sspa?dchild=1&keywords=Massage%2Bgun&qid=1635272886&sr=8-1-

spons&spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUFETDEwSEN
OVDg4SzmZW5jcnlwdGVkSWQ9QTAYOTUzNTMxN.
Massage Gun Deep Tissue, Muscle Percussion Back Neck Head
Handheld Hammer Massager for Athletes, 30 speed Level, LED
Touch Screen, Long Battery Life with 10 Heads, [retrieved on Oct.
29, 2021], 9 pp., from: https://www.amazon.com/Massage-Percussion-Handheld-massager-Athletes/dp/B08QJNVP6F/ref=sr_1_4_sspa?dchild=1&keywords=Massage+gun&qid=1635272918&sr=8-4-spons&pssc=1&spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPUFKT1dTTDBISUU5TEsmZW5jcnlwdGVkSWQ9QTA3MTI5MN.
English translation for CH388531, espacenet.com, translated on Jul.
8, 2021.
English translation for KR 102249761, translated by espacenet.com,
translated on Oct. 31, 2022.
Flyby—Massage gun. Date: Aug. 11, 2020. [online]. [Site visited
Dec. 1, 2022]. Available from Internet URL: www.youtube.com/watch?v=GYvuNuif8Bc (Year: 2020).
MVP Percussion Massager System. Date: Aug. 5, 2021. [online].
[Site visited Dec. 1, 2022]. Available from Internet URL: <https://playmakar.com/product/percussion-massager/> (Year 2021).
Massage guns. (Design—© Questel) orbit.com. [Online PDF com-
pilation of references] 50 pgs. Print Dates Range Apr. 28, 2020—
Mar. 11, 2022 [Retrieved Dec. 2, 2022] <https://www.orbit.com/export/UCZAH96B/pdf4/e6b9a3b3-195c-4fbe-87b2-0eaaf315609e-165234.pdf> (Year: 2022).
Youtube,, “ShoDuo Absorption & Reverberation Massage Head”,
Published Date: Sep. 26, 2022. <https://www.youtube.com/watch?v=OW6z6eYNo4o> (Year: 2022).
amazon.com; Massage Gun Massage Gun—Massage Pulse Mini
Muscle Massage Gun; Apr. 28, 2022; 2 pgs.
AliExpress.com; Portable Massage Gun Deep Tissue Percussion
Muscle Massager for Pain; retrieved on Nov. 22, 2022; 1 pg.
amazon.com; Mebak 3 Massage Gun Muscle Massager Electric
Hand Massager, May 22, 2020; 3 pgs.
HP Race Development—Titanium connecting rods. Date: Apr. 30,
2021. [online]. [Site visited Dec. 15, 2022]. Available from Internet
URL: https://www.hpracedevelopment.com/news/titanium-connecting-rods-now-available-all-current-250f-models# (Year: 2021).
Weileite—Accumulator Piston Kit. Date: Aug. 24, 2021. [online]
[Site visited Jan. 12, 2023]. Available from Internet URL: <https://www.amazon.com/dp/B09J15G8V7/> (Year: 2021).
Flyby Massage Gun Deep Tissue. Date: Dec. 30, 2019. [online].
[Site visited May 15, 2023]. Available from Internet URL: <https://www.amazon.com/dp/B07Y8SRYL3/?th=1> (Year: 2019).
Gladiour—Massage Gun Handheld Hammer. Date: Jan. 20, 2021
[online]. [Site visited May 15, 2023]. Available from Internet URL:
<https://www.amazon.com/dp/B08QJNVP6F/> (Year: 2021).
Toloco Massage Gun. Date: Jan. 7, 2020. [online]. [Site visited May
15, 2023]. Available from Internet URL: <https://www.amazon.com/dp/B083L8RNJR/?th=1> (Year: 2020).
Flyby—Massage Gun Deep Tissue. Date: Nov. 30, 2019. [online].
[Site visited Jul. 20, 2023]. Available from Internet URL: <https://www.amazon.com/dp/B07Y8SRYL3/?th=1> (Year: 2019).
Gladiour—Massage Gun Deep Tissue. Date: Jan. 20, 2021. [online].
[Site visited Jul. 20, 2023]. Available from Internet URL: <https://www.amazon.com/dp/B08QJNVP6F/> (Year: 2021).
Toloco—Massage Gun. Date: Jan. 7, 2020. [online]. [Site visited
Jul. 20, 2023]. Available from Internet URL: <https://www.amazon.com/dp/B083L8RNJR/> (Year: 2020).
English translation for CN 212749648 from Espacenet on Jul. 18,
2022 (year 2021).
Amazon, “PlayMakar MVP”, Date First Available: Aug. 2, 2022.
https://www.amazon.com/PlayMakar-Percussion-Massage-Professional-Therapy/dp/B0B8DZ6RF5/ref=cm_cr_a (Year: 2022).
Playmakar, “MVPMini Percussion Massage System”, Earliest Review
Date: Aug. 5, 2022. <https://playmakar.com/product/mvp-mini-massage-gun/> (Year: 2022).
PlayMakar, “ShocDuo_Massage Head”, Earliest Review Date: Jul.
27, 2022. <https://playmakar.com/product/shocduo-massage-head/>
(Year: 2022).
Playmakar, “PowerUp Charging Station”, Earliest Review Date:
Aug. 5, 2022. <https://playmakar.com/product/powerup-charging-station/> (Year: 2022).

(56)

References Cited

OTHER PUBLICATIONS

Youtube, “PlayMakar PowerUp Charging Station for MVP Percussion Massage Gun”, Published Date: Aug. 12, 2022. [https:// www.youtube.com/watch?v=FFKPILkgAs8&t=1s](https://www.youtube.com/watch?v=FFKPILkgAs8&t=1s)((Year: 2022).

* cited by examiner

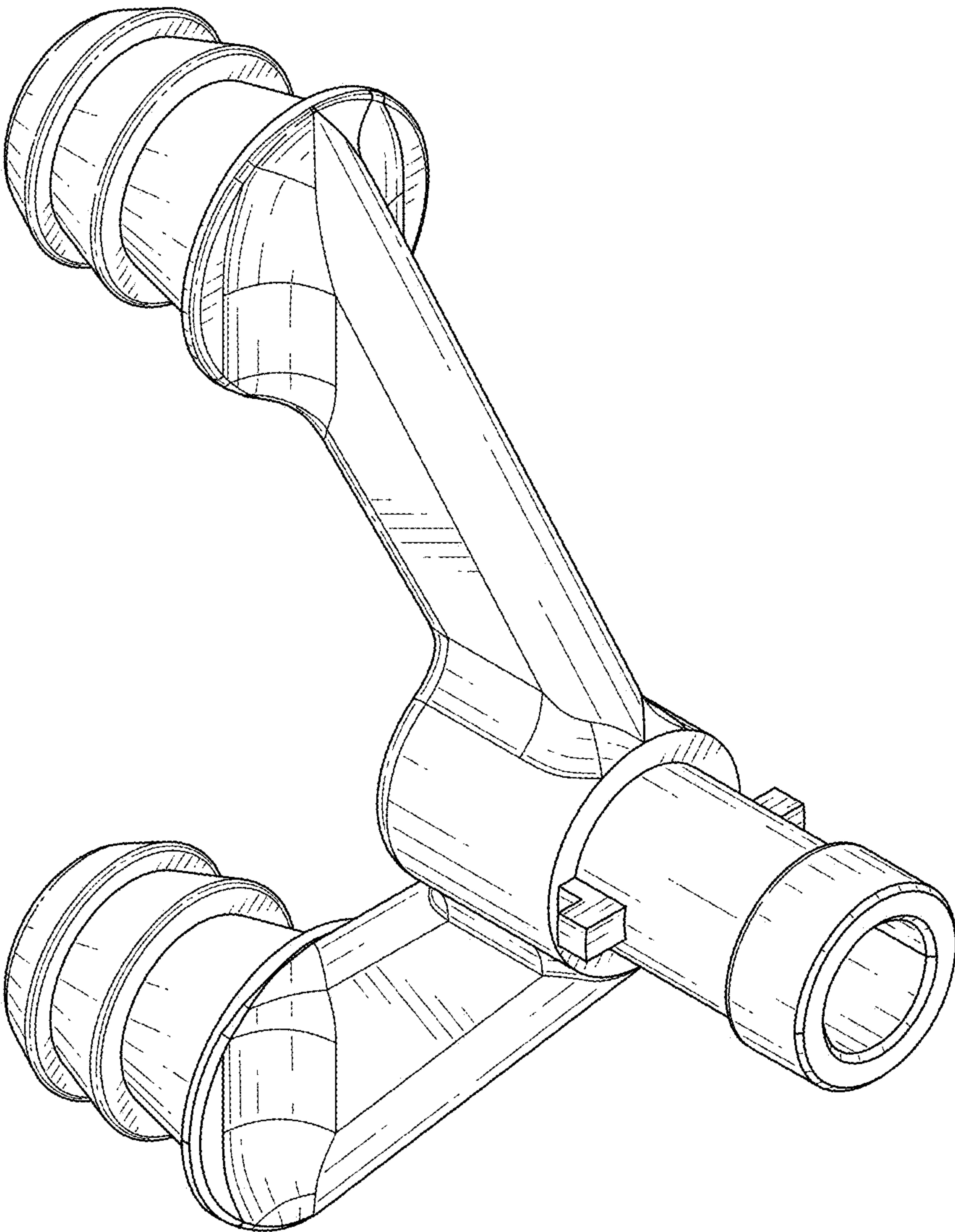


FIG. 1

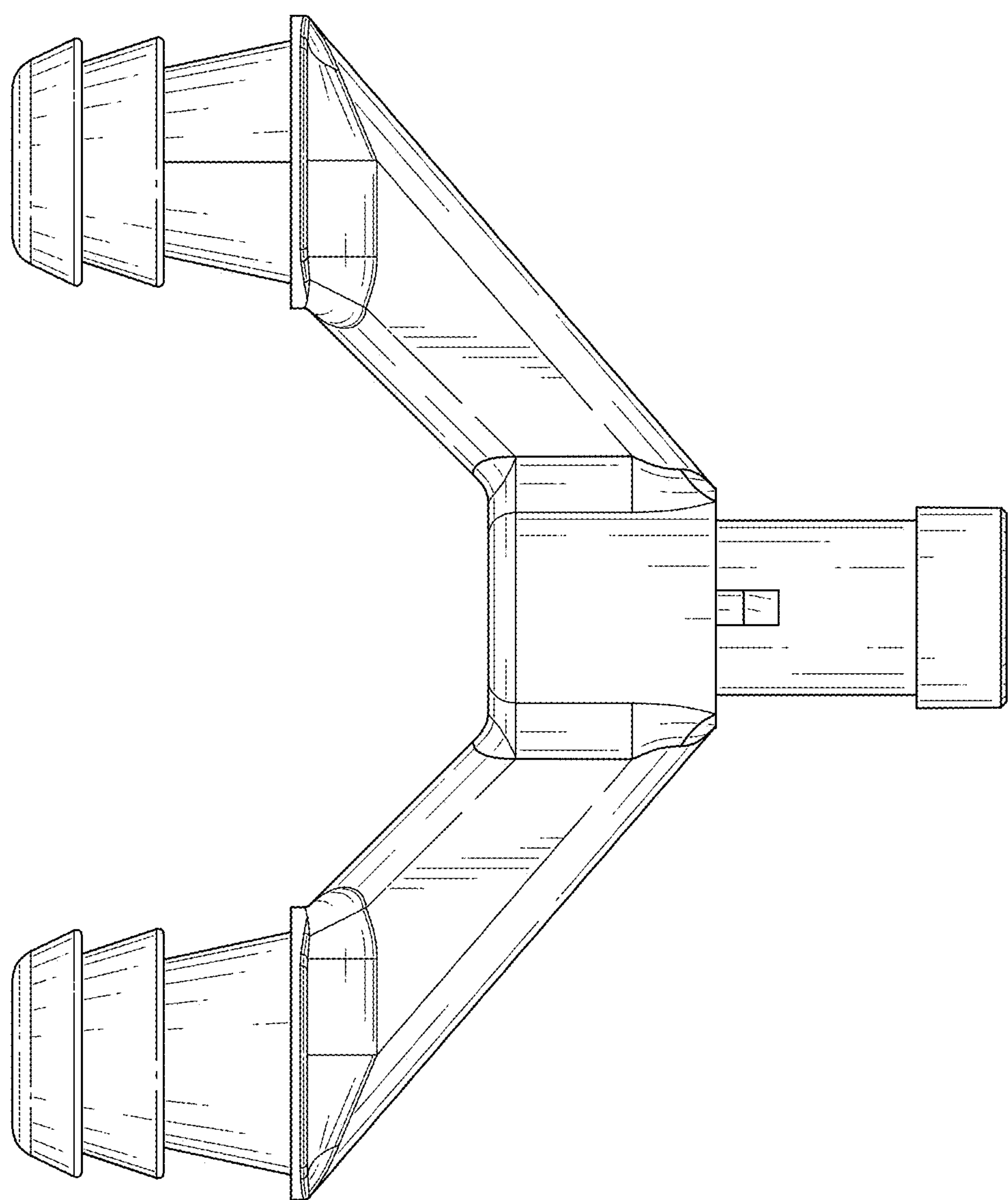


FIG. 2

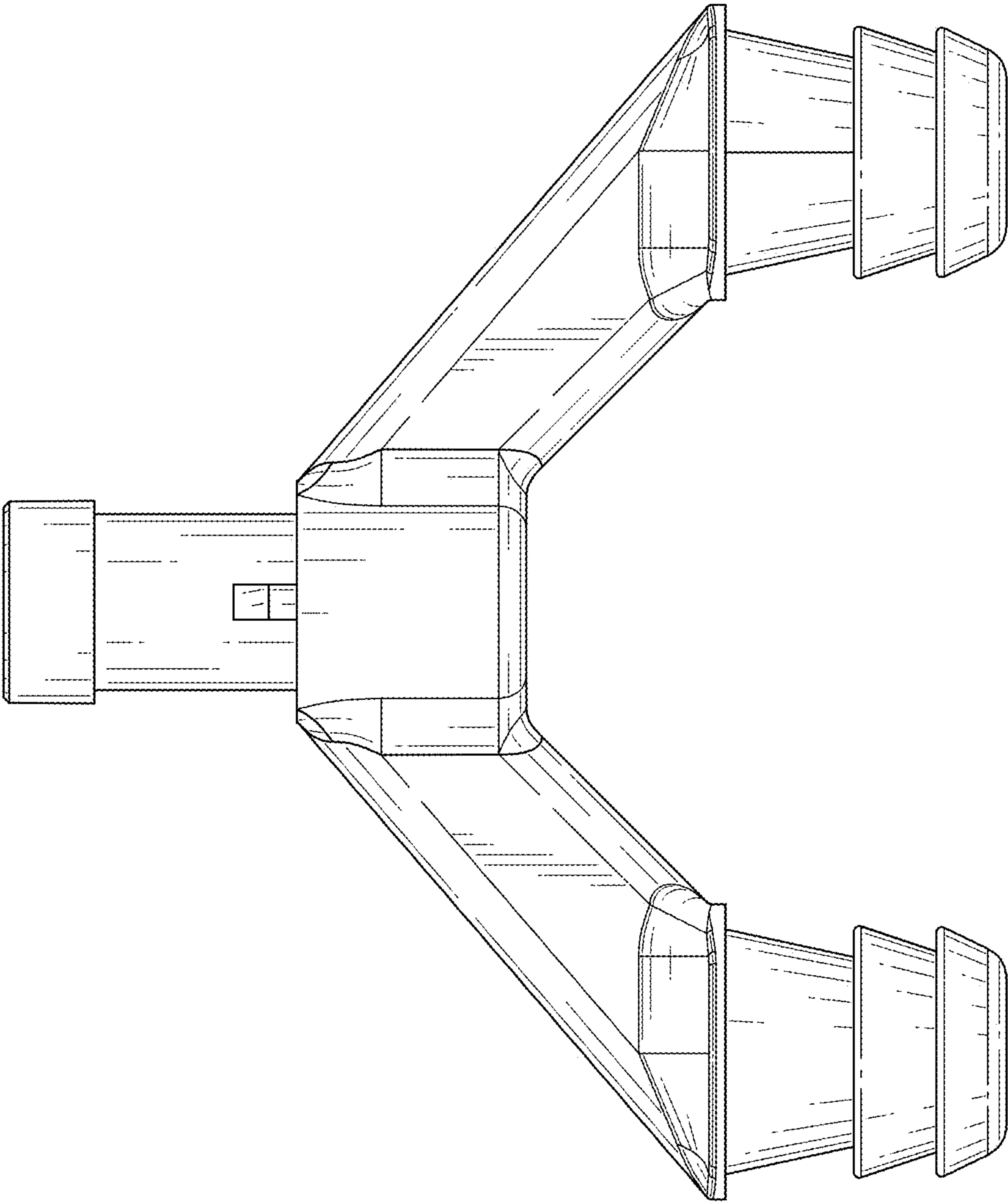


FIG. 3

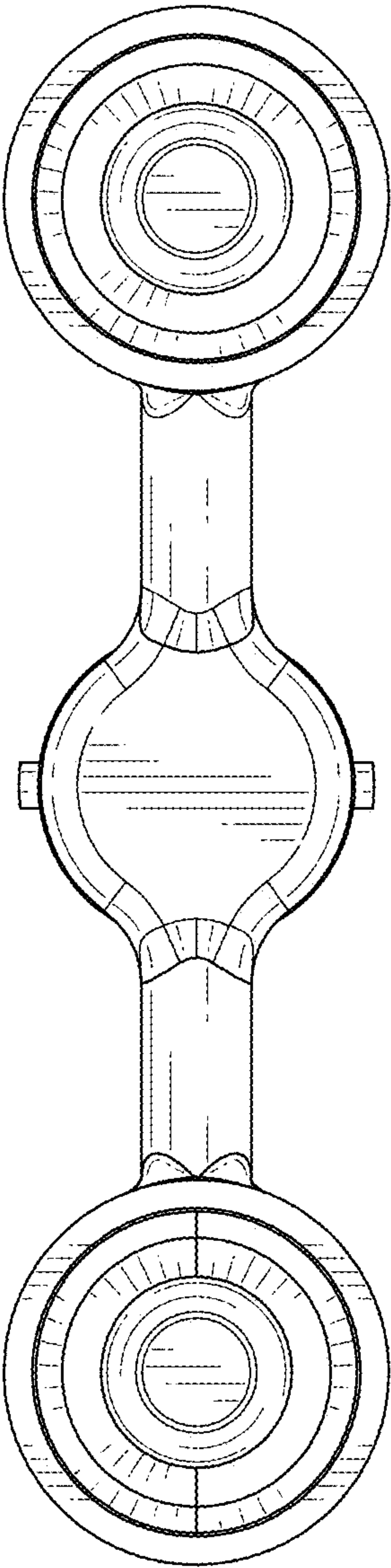


FIG. 4

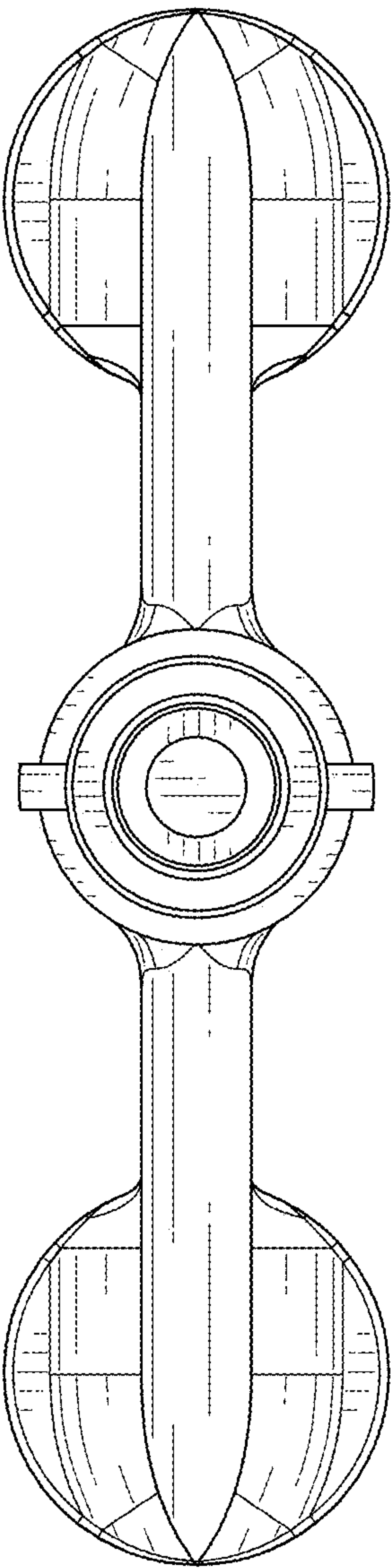


FIG. 5

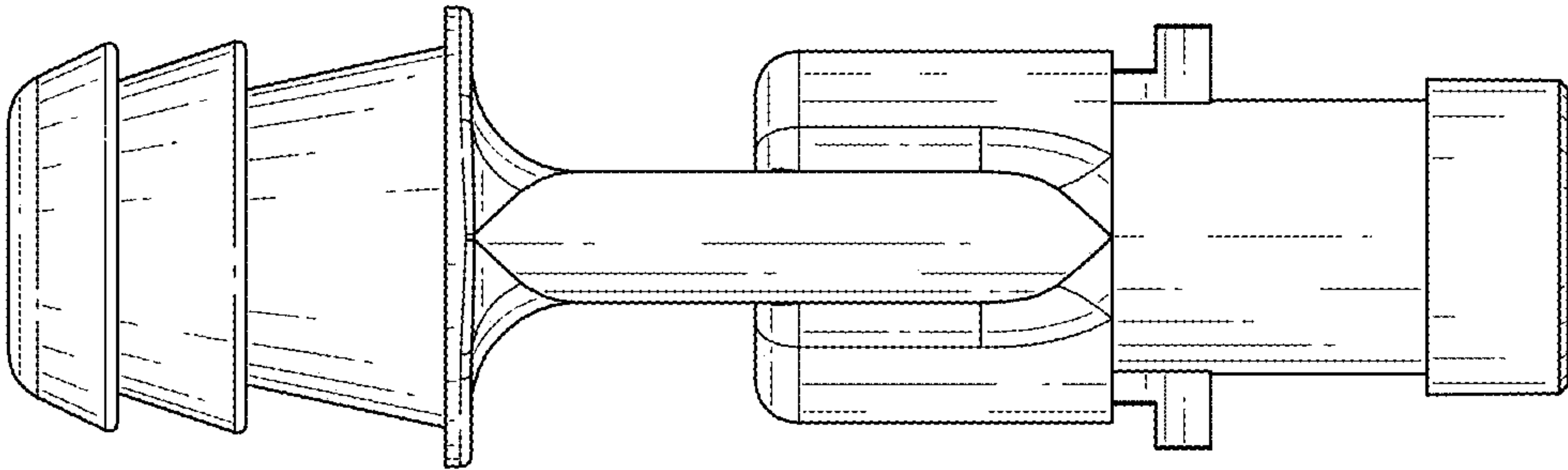


FIG. 6

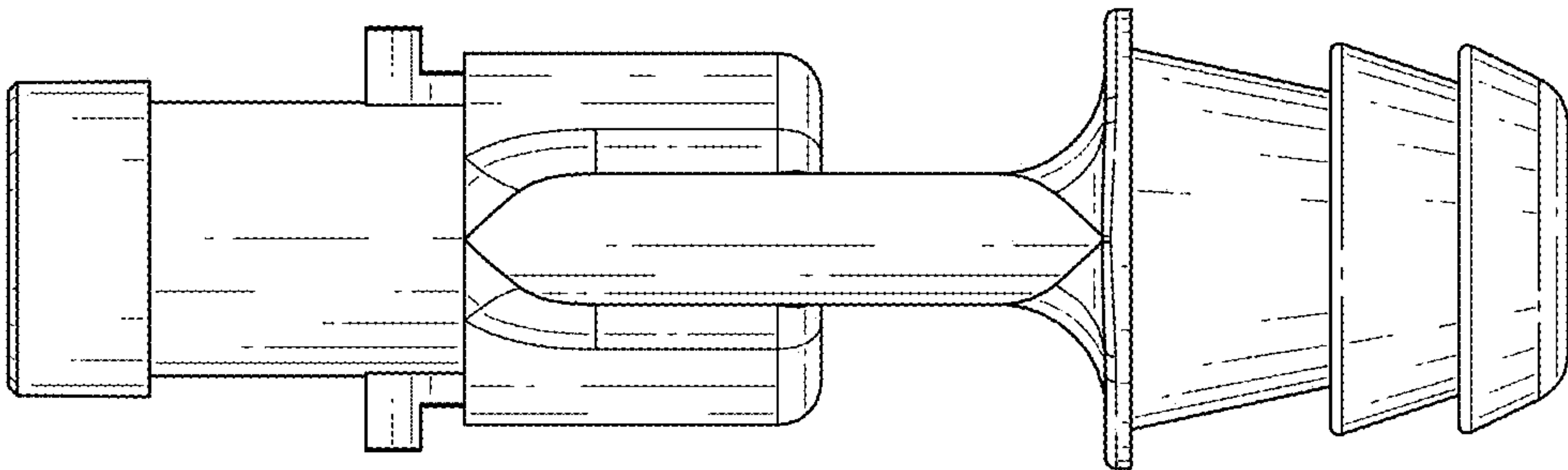


FIG. 7