



US0D1053351S

(12)

United States Design Patent

Walker et al.

(10)

Patent No.:

US D1,053,351 S

(45)

Date of Patent:

** Dec. 3, 2024

(54) MULTIFUNCTION MICRODERMABRASION WAND

(71) Applicant: **ALTAIR INSTRUMENTS, INC.**,
Ventura, CA (US)

(72) Inventors: **Douglas W. Walker**, Ventura, CA (US);
John Hubble, Chiang Mai (TH);
Brendalie Acosta, Ventura, CA (US)

(73) Assignee: **Altair Instruments, Inc.**, Ventura, CA
(US)

(**) Term: 15 Years

(21) Appl. No.: 29/811,934

(22) Filed: Oct. 18, 2021

(51) LOC (14) Cl. 24-02

(52) U.S. Cl.
USPC D24/146

(58) Field of Classification Search
USPC D24/127, 130, 133, 146, 147, 170;
D8/70, 82–87, 107, 313, 321; D28/9, 99
CPC A61M 37/0076; A61M 37/0084; A61M
37/0092; A61M 5/46; A61M 5/48; B05B
(Continued)

(56) References Cited

U.S. PATENT DOCUMENTS

D406,669 S *	3/1999	McCalla	D26/38
6,030,374 A	2/2000	McDaniel	
6,241,739 B1	6/2001	Waldron	

(Continued)

FOREIGN PATENT DOCUMENTS

CN	306582066	*	6/2021
JP	D1718002	*	6/2022

(Continued)

OTHER PUBLICATIONS

Beauty ORA Electric Microneedle Derma Pen System, dermstore.com, customer review oldest date Jul. 28, 2016 [online], [site visited Aug. 18, 2023], Available from internet, URL: <https://www.dermstore.com/beauty-ora-electric-microneedle-derma-pen-system-4-piece/12085487.html> (Year: 2016).*

(Continued)

Primary Examiner — Michael C Stout
Assistant Examiner — Thanh Luu Wong
(74) Attorney, Agent, or Firm — Rutan & Tucker, LLP;
Kyle M. St. James

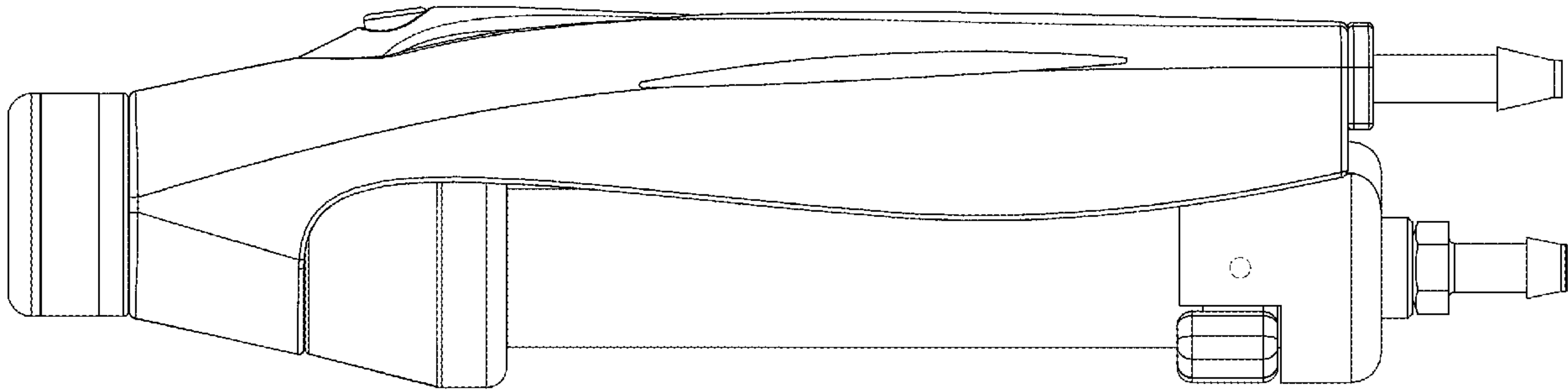
(57) CLAIM

The ornamental design for a multifunction microdermabrasion wand as shown and described.

DESCRIPTION

FIG. 1 is a front side view of a multifunction microdermabrasion wand;
FIG. 2 is a top view of the multifunction microdermabrasion wand of FIG. 1;
FIG. 3 is a rear view of the multifunction microdermabrasion wand of FIG. 1;
FIG. 4 is a bottom view of the multifunction microdermabrasion wand of FIG. 1;
FIG. 5 is a right end view of the multifunction microdermabrasion wand of FIG. 1;
FIG. 6 is a left end view of the multifunction microdermabrasion wand of FIG. 1;
FIG. 7 is a front side and top perspective view of the multifunction microdermabrasion wand of FIG. 1; and,
FIG. 8 is a rear side and top perspective view of the multifunction microdermabrasion wand of FIG. 1.
The dashed broken lines shown in the drawings depict portions of the multifunction microdermabrasion wand that form no part of the claimed design.
The dash-dot broken lines shown in FIG. 4 depict boundary lines that also form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(58) Field of Classification Search

CPC . 11/0027; B05B 11/0032; B65D 51/18; B65D 47/08
See application file for complete search history.

FOREIGN PATENT DOCUMENTS

JP	D1749933	*	8/2023
KR	300747721.0000	*	6/2014
KR	300936614.0000	*	12/2017
KR	301206728.0000	*	3/2023

(56) References Cited

U.S. PATENT DOCUMENTS

6,500,138	B1	12/2002	Irby et al.	
7,025,732	B2 *	4/2006	Thompson	A61B 10/0275 600/568
7,854,706	B2 *	12/2010	Hibner	A61B 10/0275 600/568
8,221,437	B2	7/2012	Waldron et al.	
D665,909	S *	8/2012	Dodd	D24/146
D680,640	S *	4/2013	Merchant	D24/108
D699,347	S *	2/2014	Dodd	D24/146
8,747,392	B2 *	6/2014	Le	A61B 17/32002 604/23
10,278,733	B2	5/2019	Walker et al.	
11,202,622	B2 *	12/2021	Stamper	A61B 10/0096
D952,145	S *	5/2022	Sopko	D24/146
D964,559	S *	9/2022	Fujii	D24/130
D975,275	S *	1/2023	Ueda	D24/138
11,596,429	B2 *	3/2023	Gannon	A61B 17/32002
D1,013,872	S *	2/2024	Matsumoto	D24/146
2007/0032743	A1 *	2/2007	Hibner	A61B 10/0275 600/568
2009/0222024	A1 *	9/2009	Naldoni	A61B 17/54 606/131
2011/0301578	A1 *	12/2011	Muniz-Medina	A61B 90/92 606/1
2016/0038383	A1	2/2016	Matsushita et al.	
2022/0117632	A1 *	4/2022	Walker	A61B 17/54
2023/0084740	A1 *	3/2023	Lee	A61H 23/02 601/21

OTHER PUBLICATIONS

Professional Microneedling Pen, demishop.com, [online], [site visited Aug. 11, 2023], Available from internet, URL: <https://www.dermishop.com/products/activator-pen-mesodermis-system?variant=32297358032940> (Year: 2023).*

Ibnusa 2 in 1 Hydra Injector Derma Pen Microneedle Nano Mesotherapy Mesogun, ibeautyneed.com, [online], [site visited Aug. 17, 2023], Available from internet, URL: <https://www.ibeautyneed.com/products/ibnusa%E2%84%A2-2-in-1-hydra-injector-derma-nano-microneedle-mesogun> (Year: 2023).*

Best Hydrafacial Machine In The Market 2023, Konmison.com, first available Mar. 2, 2023 [online], [site visited Aug. 17, 2023], Available from internet, URL: <https://www.konmison.com/best-hydrafacial-machine-in-the-market/> (Year: 2023).*

Ultima Dr. Pen A7 Derma Pen Auto Microneedle Cartridges Pen, ibeautyneed.com, [online], [site visited Aug. 17, 2023], Available from internet, URL: <https://www.ibeautyneed.com/collections/best-sellers/products/dr-pen-a7-derma-pen-auto-microneedle-cartridges-pen> (Year: 2023).*

HydraFacialMD, artemedica.com, [online], [site visited Aug. 18, 2023], Available from internet, URL: <https://www.artemedica.com/services/hydrafacialmd/> (Year: 2023).*

EdgeSystems HydraFacial Device, illumemedspa.com, [online], [site visited Aug. 18, 2023], Available from internet, URL: <https://www.illumemedspa.com/hydrafacial> (Year: 2023).*

Black Hydrafacial Handpiece with Tubing Set, medpurchasing.com, [online], [site visited Aug. 18, 2023], Available from internet, URL: <https://medpurchasing.com/product/hydrafacial-handpiece-with-tubing-set/> (Year: 2023).*

* cited by examiner



FIG. 1

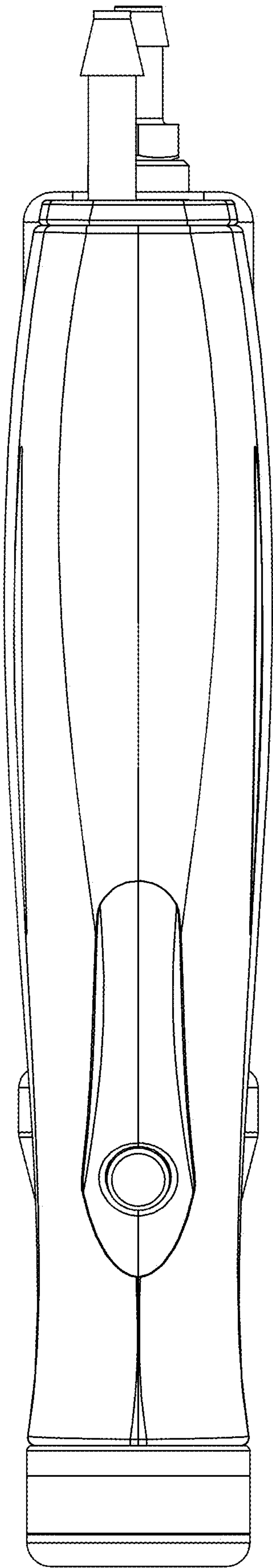


FIG. 2

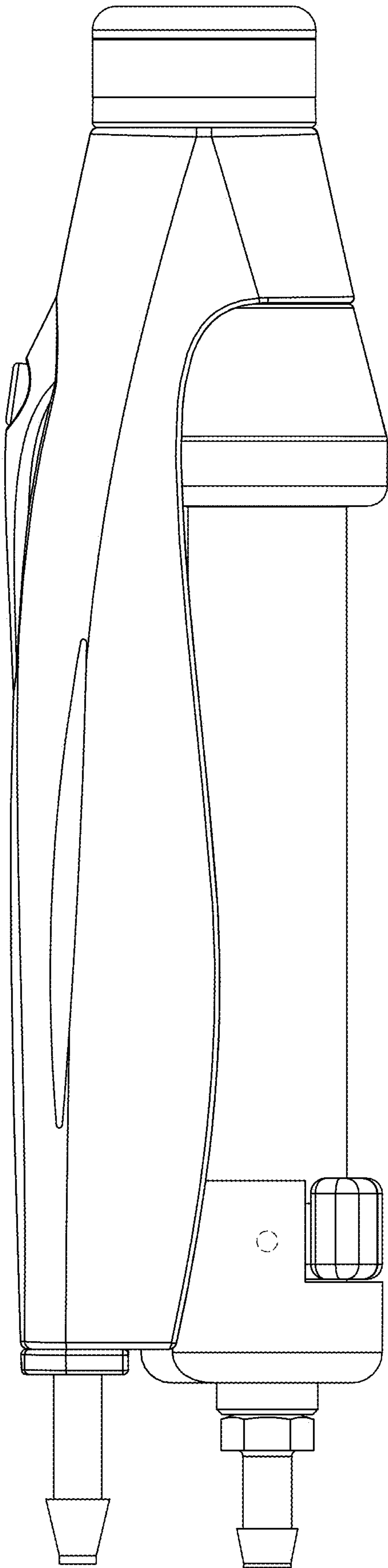


FIG. 3

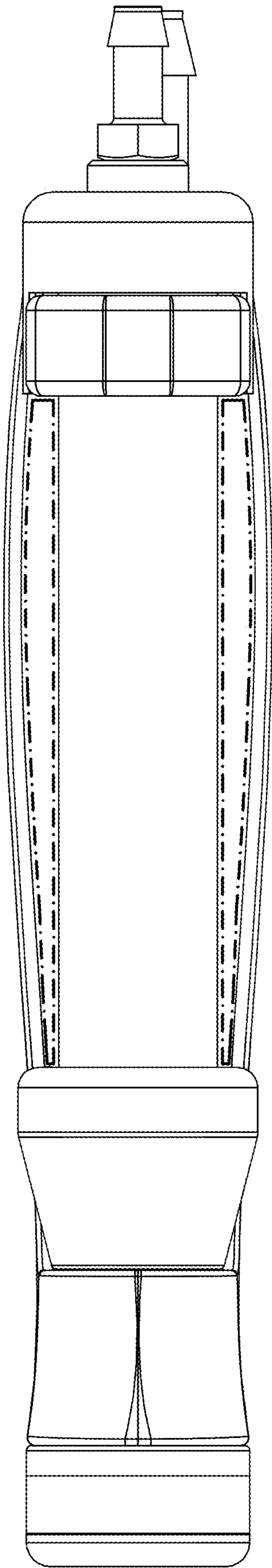


FIG. 4

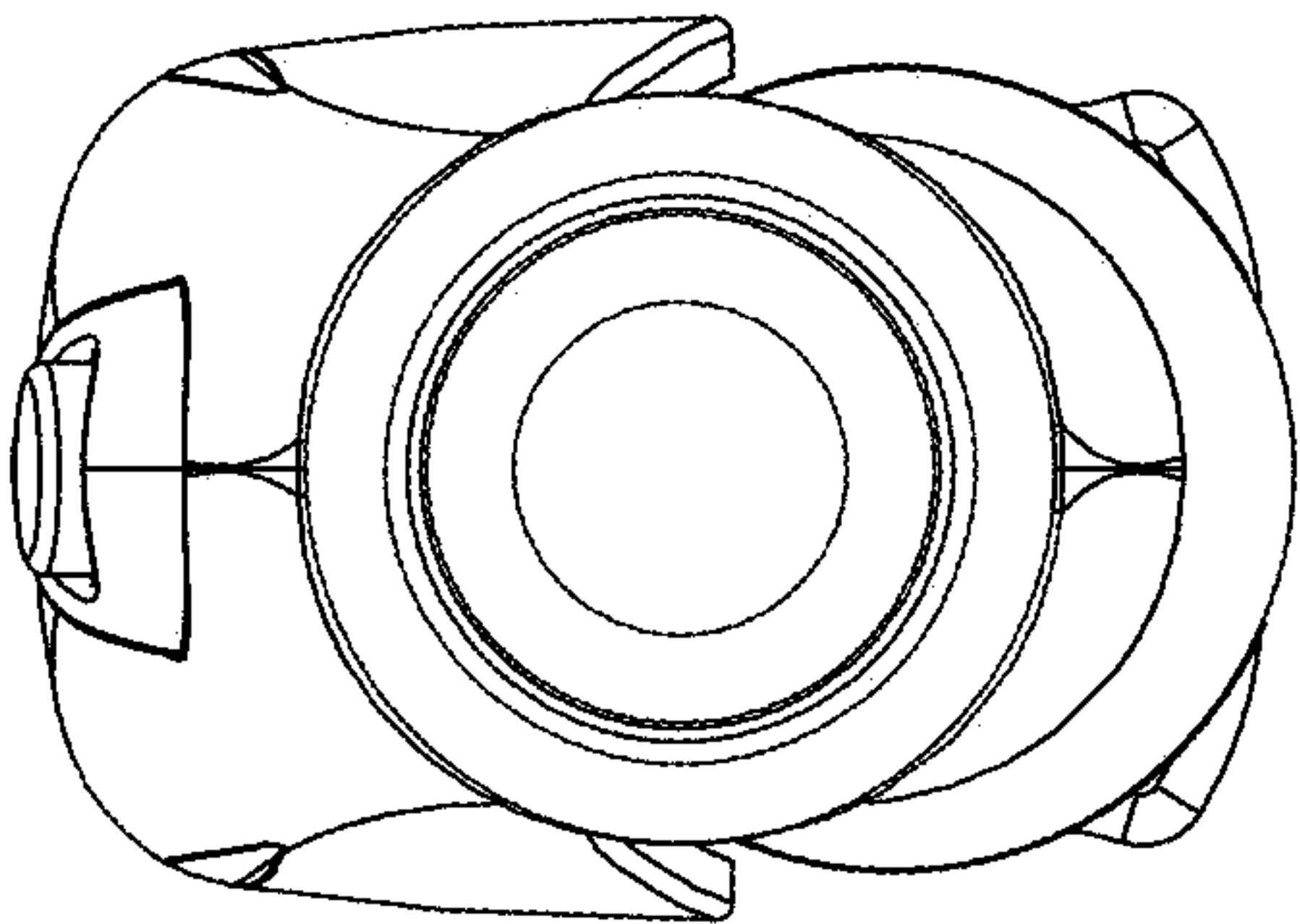


FIG. 6

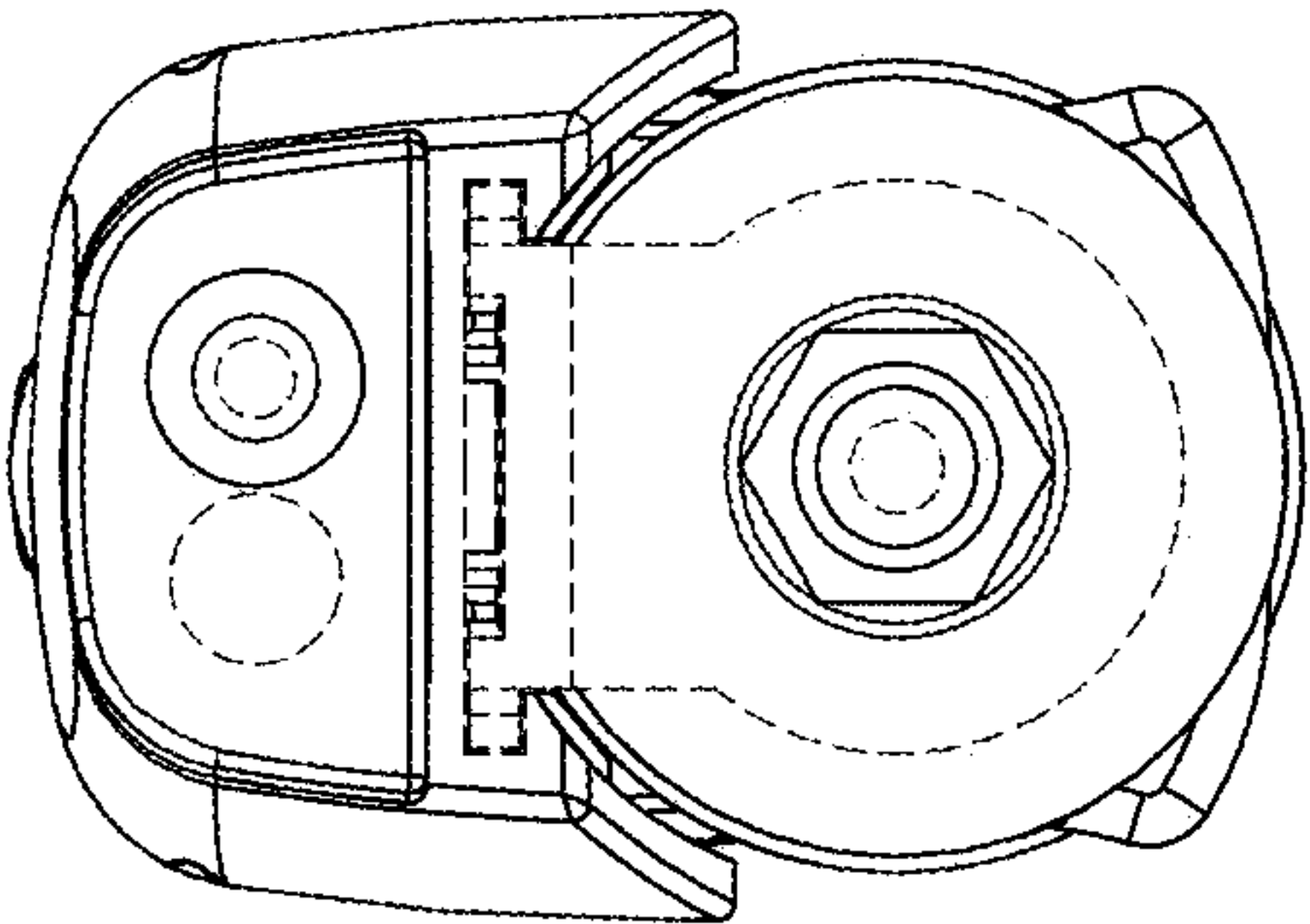


FIG. 5

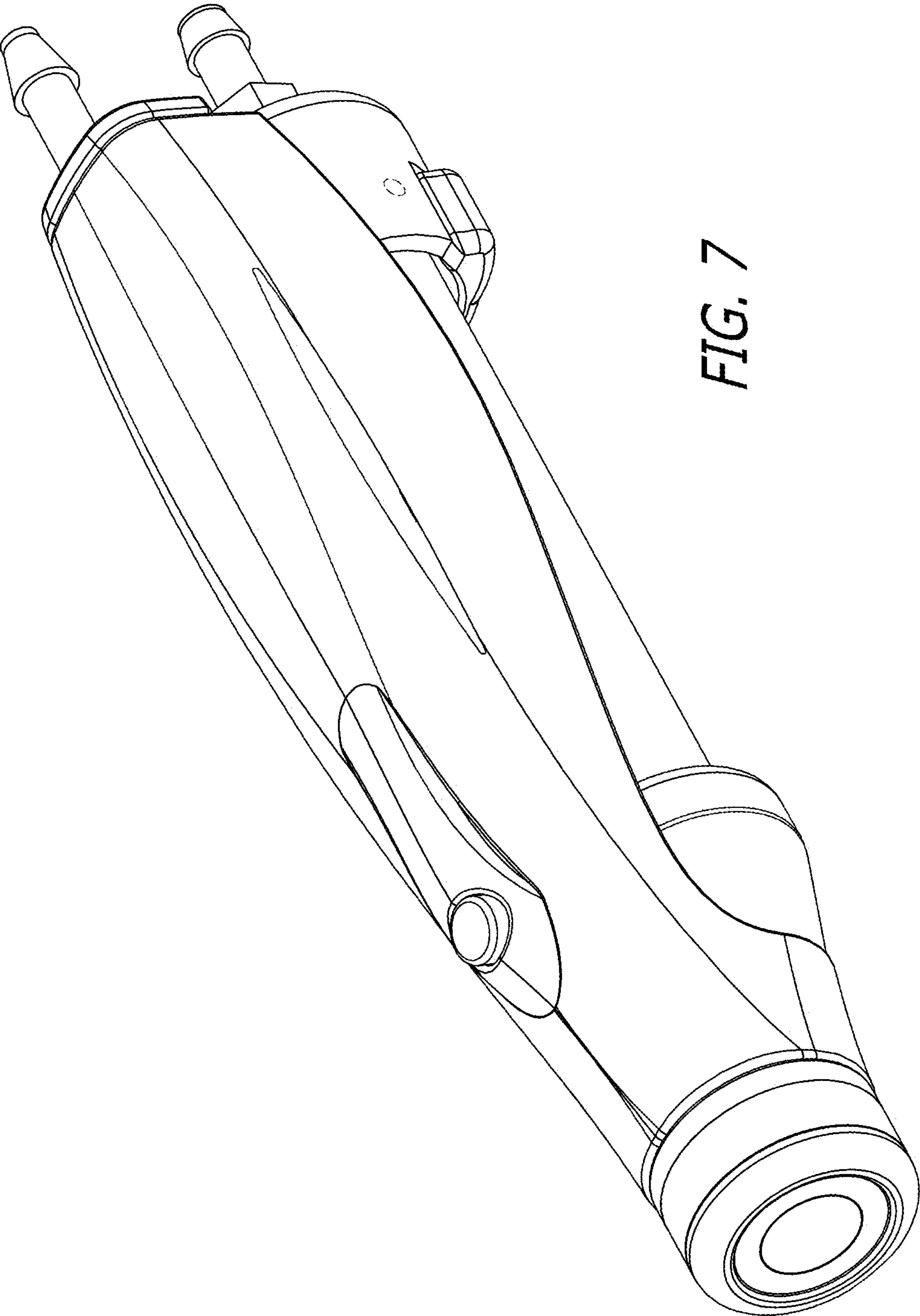


FIG. 7

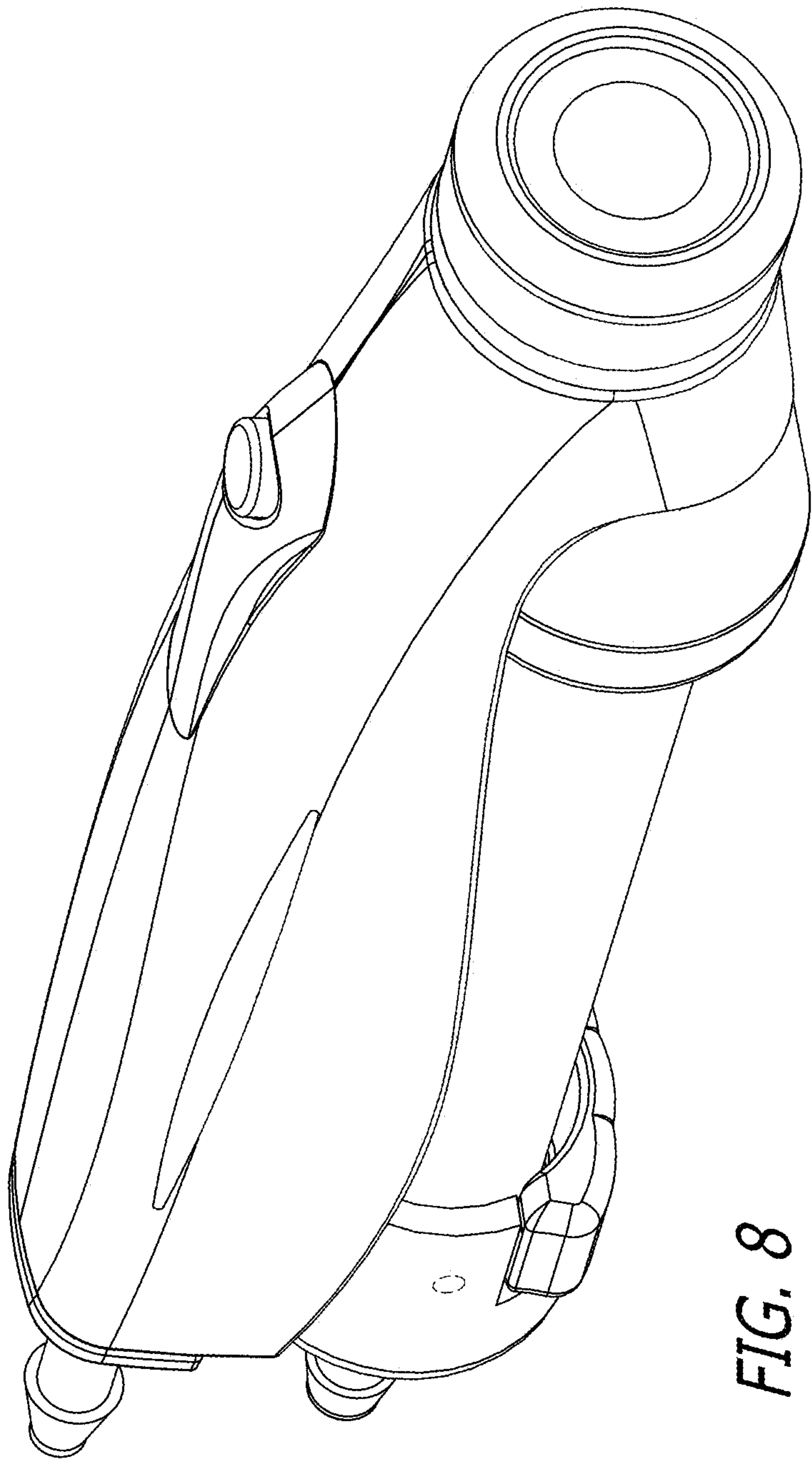


FIG. 8