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(12) **United States Design Patent** (10) **Patent No.:** **US D770,608 S**
Allum et al. (45) **Date of Patent:** **** *Nov. 1, 2016**

- (54) **INTERFACE FOR MECHANICAL VENTILATION**
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- (*) Notice: This patent is subject to a terminal disclaimer.
- (**) Term: **14 Years**
- (21) Appl. No.: **29/472,133**
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- (51) **LOC (10) Cl.** **29-02**
- (52) **U.S. Cl.**
USPC **D24/110.1**
- (58) **Field of Classification Search**
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CPC A61M 16/0622; A61M 16/0616; A61M 16/0816; A61M 16/08; A61M 16/0633; A61M 16/06; A61M 16/0666; A61M 2210/0618
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,433,565	A *	12/1947	Korman	.....	128/204.12
4,327,719	A *	5/1982	Childers	.....	128/206.11
4,782,832	A *	11/1988	Trimble et al.	.....	128/207.18
5,425,359	A *	6/1995	Liou	.....	128/206.11
D542,912	S *	5/2007	Gunaratnam et al.	....	D24/110.5
D549,323	S *	8/2007	Kwok et al.	.....	D24/110.5
D557,802	S *	12/2007	Miceli et al.	.....	D24/110.6

D571,457	S *	6/2008	Dolezal et al.	.....	D24/106
D572,360	S *	7/2008	Dolezal et al.	.....	D24/106
D586,907	S *	2/2009	Judson et al.	.....	D24/110.1
D588,258	S *	3/2009	Judson et al.	.....	D24/110.1
D589,139	S *	3/2009	Guney et al.	.....	D24/110.1
D591,419	S *	4/2009	Chandran et al.	.....	D24/110.1
D595,848	S *	7/2009	Dolezal et al.	.....	D24/135
D612,933	S *	3/2010	Prentice et al.	.....	D24/110.1
D614,288	S *	4/2010	Judson et al.	.....	D24/110.1
D614,289	S *	4/2010	Veliss et al.	.....	D24/110.1
D634,838	S *	3/2011	Dolezal	.....	D24/106
D645,557	S *	9/2011	Scheiner et al.	.....	D24/110.1
D662,200	S *	6/2012	Eghbal et al.	.....	D24/110.1
D687,539	S *	8/2013	Matula et al.	.....	D24/110.1
D691,712	S *	10/2013	Judson et al.	D24/110.1
D708,736	S *	7/2014	Judson et al.	D24/110.5

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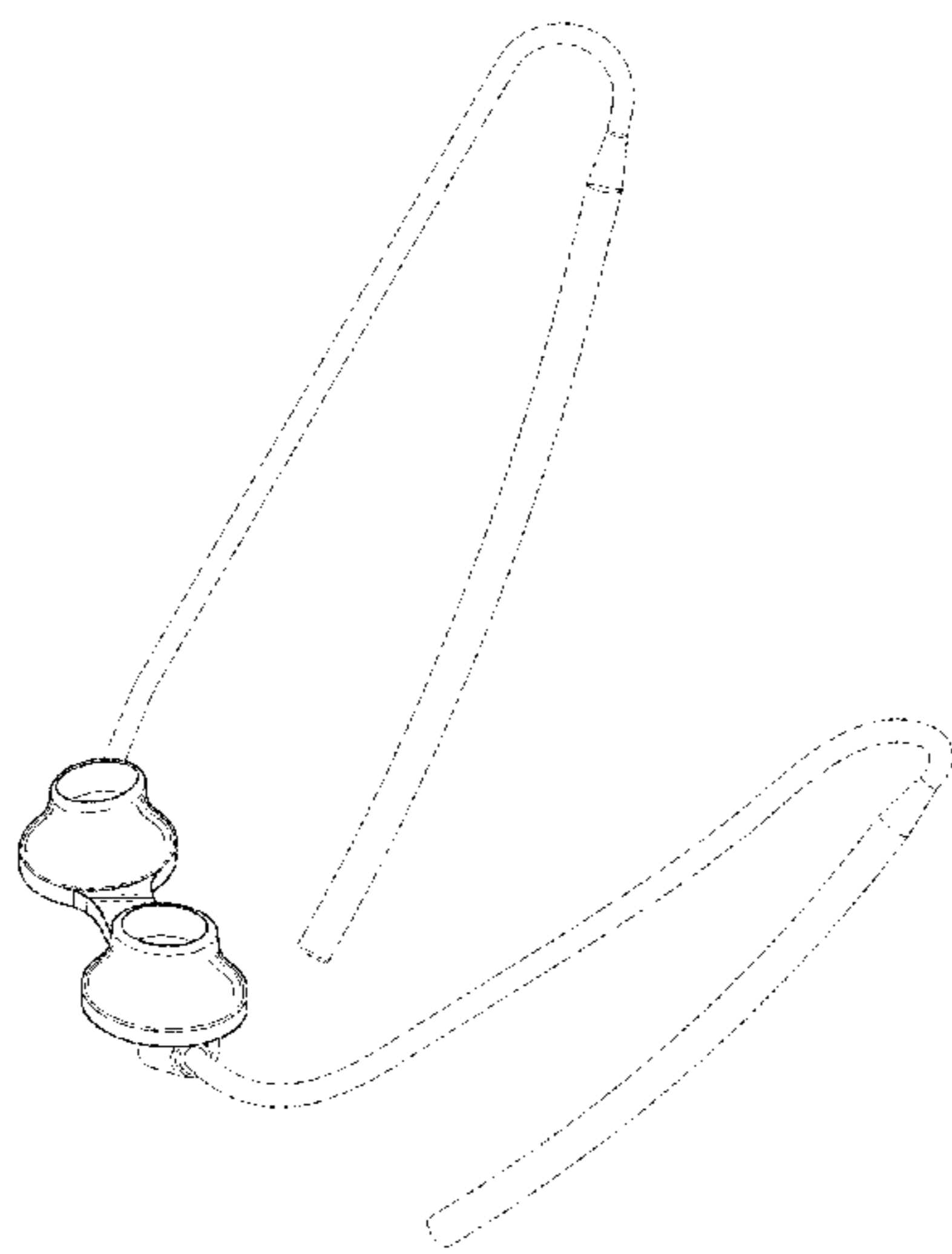
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(57) **CLAIM**
The ornamental design for an interface for mechanical ventilation, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of an interface for mechanical ventilation, showing our new design;
FIG. 2 is a front elevational view thereof;
FIG. 3 is a rear elevational view thereof;
FIG. 4 is a left side elevational view thereof, the right side being a mirror image;
FIG. 5 is a top plan view thereof;
FIG. 6 is a bottom plan view thereof;
FIG. 7 is an enlarged top perspective view thereof; and,
FIG. 8 is a left side view thereof positioned in a nostril, the right side being a mirror image.
The broken lines in the drawings illustrate portions of the interface for mechanical ventilation that form no part of the claimed design. The broken line showing of the face in FIG. 8 illustrates the environment of the claimed design and forms no part thereof.

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D729,381 S * 5/2015 Himes et al. D24/110.1
 9,027,553 B2 * 5/2015 Witt et al. 128/205.25
 9,032,956 B2 * 5/2015 Scheiner et al. 128/206.24
 9,038,634 B2 * 5/2015 Brambilla et al. 128/207.13
 9,038,635 B2 * 5/2015 Brambilla 128/207.13
 2005/0028822 A1 * 2/2005 Sleeper et al. 128/207.18
 2005/0061326 A1 * 3/2005 Payne, Jr. 128/206.11
 2005/0241644 A1 * 11/2005 Gunaratnam et al. ... 128/207.18
 2006/0124131 A1 * 6/2006 Chandran et al. 128/206.28
 2006/0174887 A1 * 8/2006 Chandran et al. 128/206.11

2006/0266361 A1 * 11/2006 Hernandez 128/206.11
 2008/0092906 A1 * 4/2008 Gunaratnam et al. ... 128/207.18
 2009/0151729 A1 * 6/2009 Judson et al. 128/207.13
 2009/0320851 A1 * 12/2009 Selvarajan et al. 128/207.13
 2011/0155140 A1 * 6/2011 Ho et al. 128/207.18
 2011/0214676 A1 * 9/2011 Allum et al. 128/207.18
 2011/0232649 A1 * 9/2011 Collazo et al. 128/207.18
 2011/0259340 A1 * 10/2011 Witt et al. 128/207.18
 2012/0204880 A1 * 8/2012 Smith et al. 128/206.24
 2012/0318271 A1 * 12/2012 Ho 128/205.25
 2013/0037030 A1 * 2/2013 Matula, Jr. 128/205.25
 2014/0261433 A1 * 9/2014 Guney 128/205.25

* cited by examiner

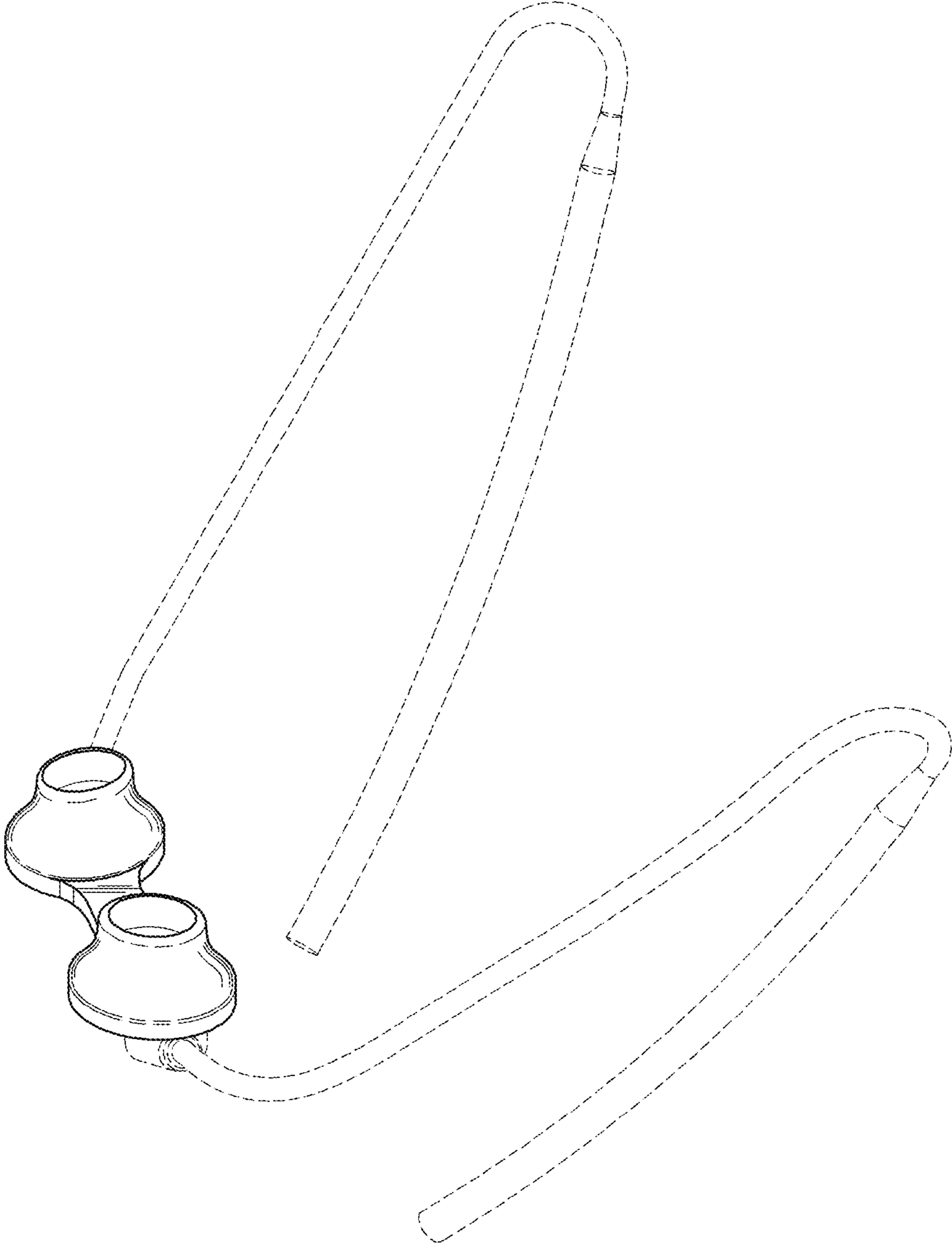


FIG. 1

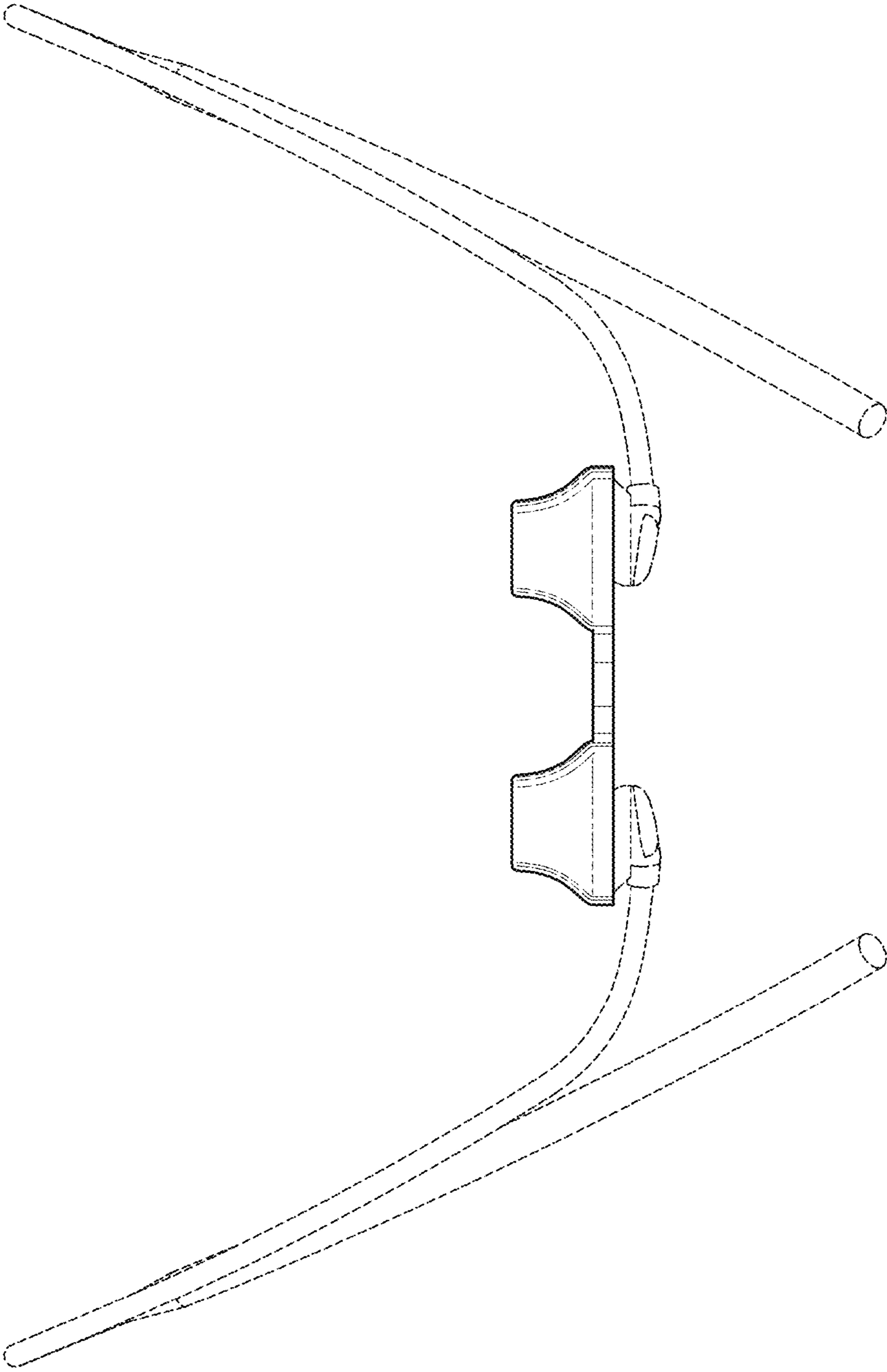


FIG. 2

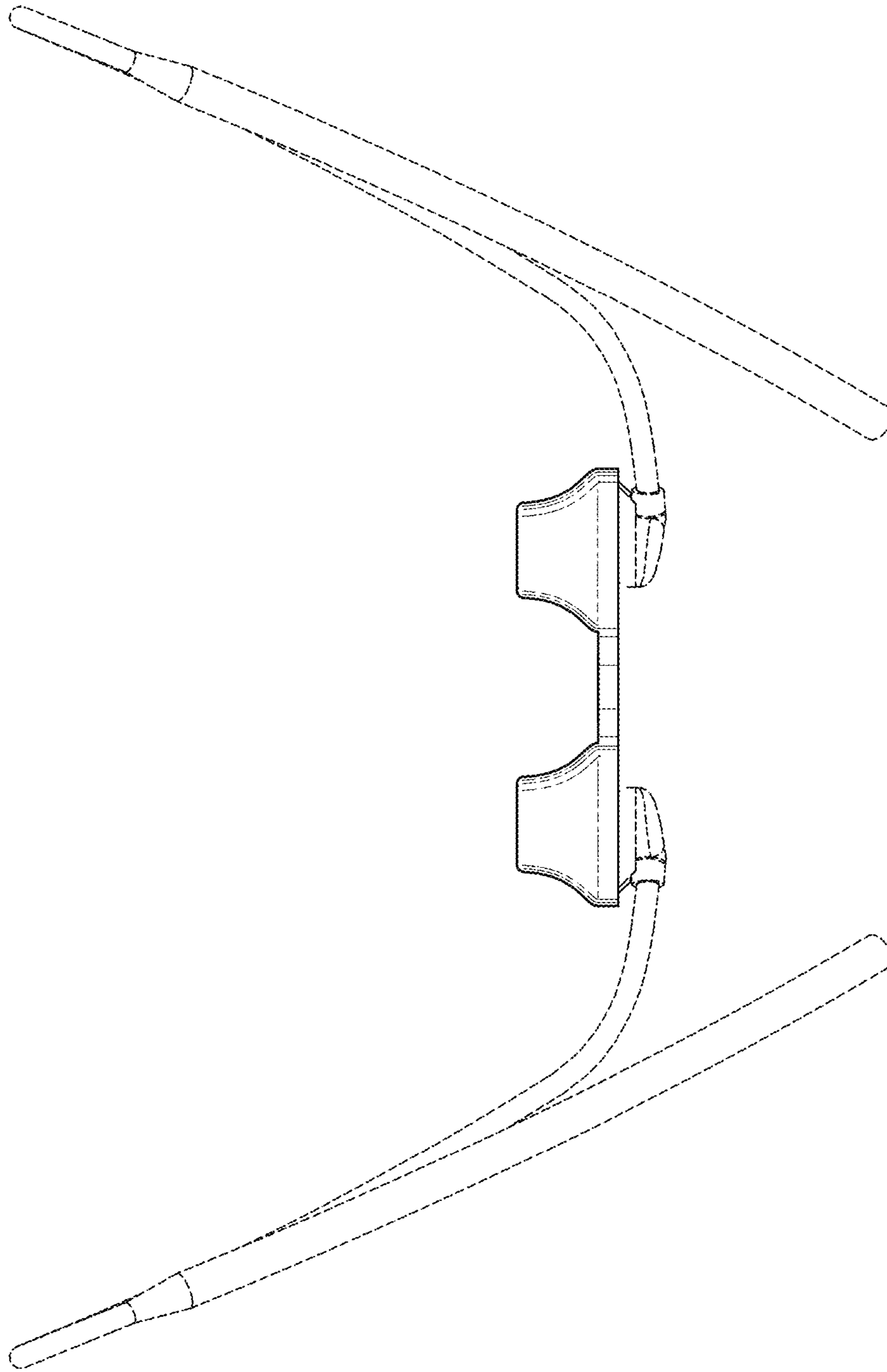


FIG. 3

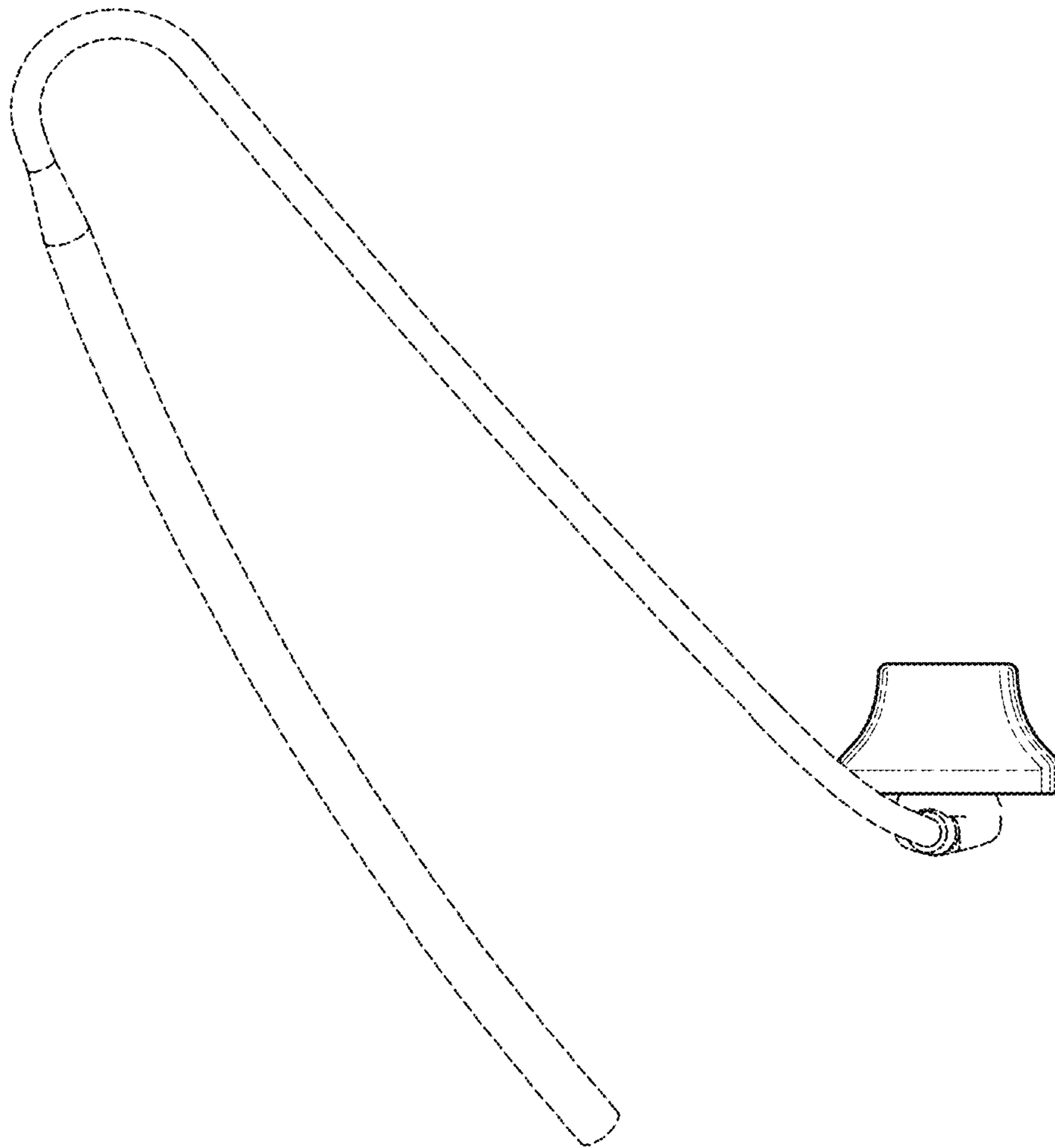


FIG. 4

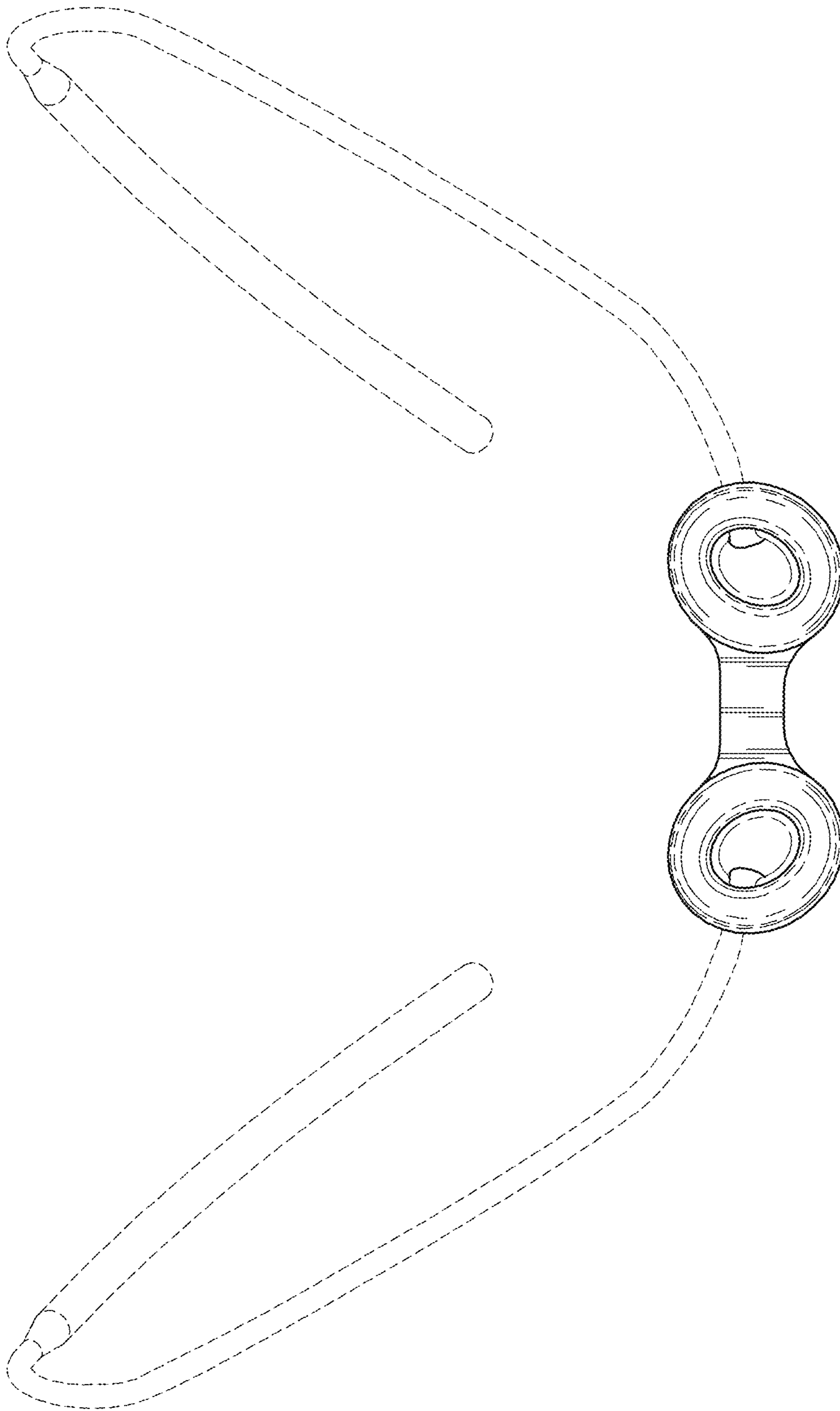


FIG. 5

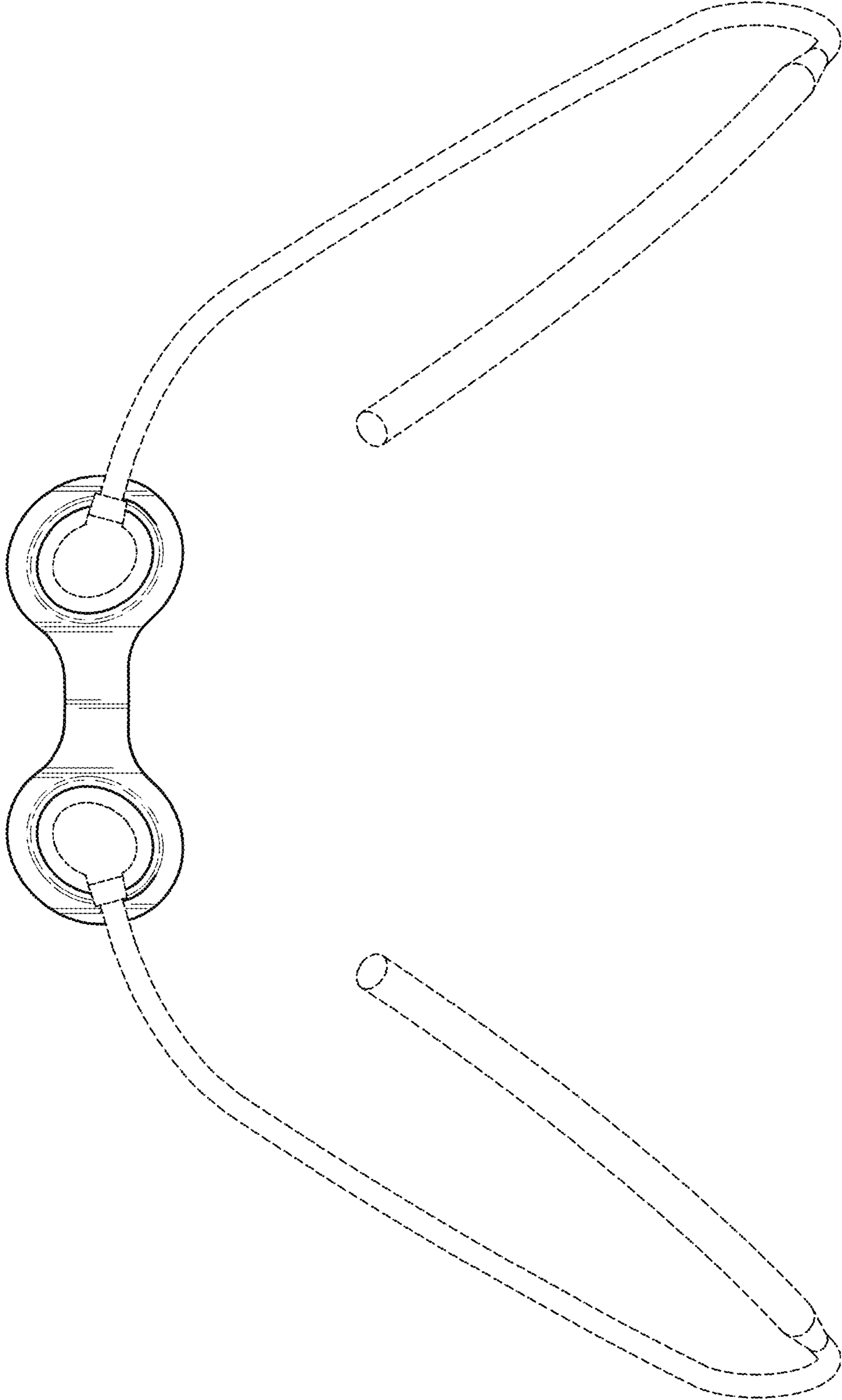


FIG. 6

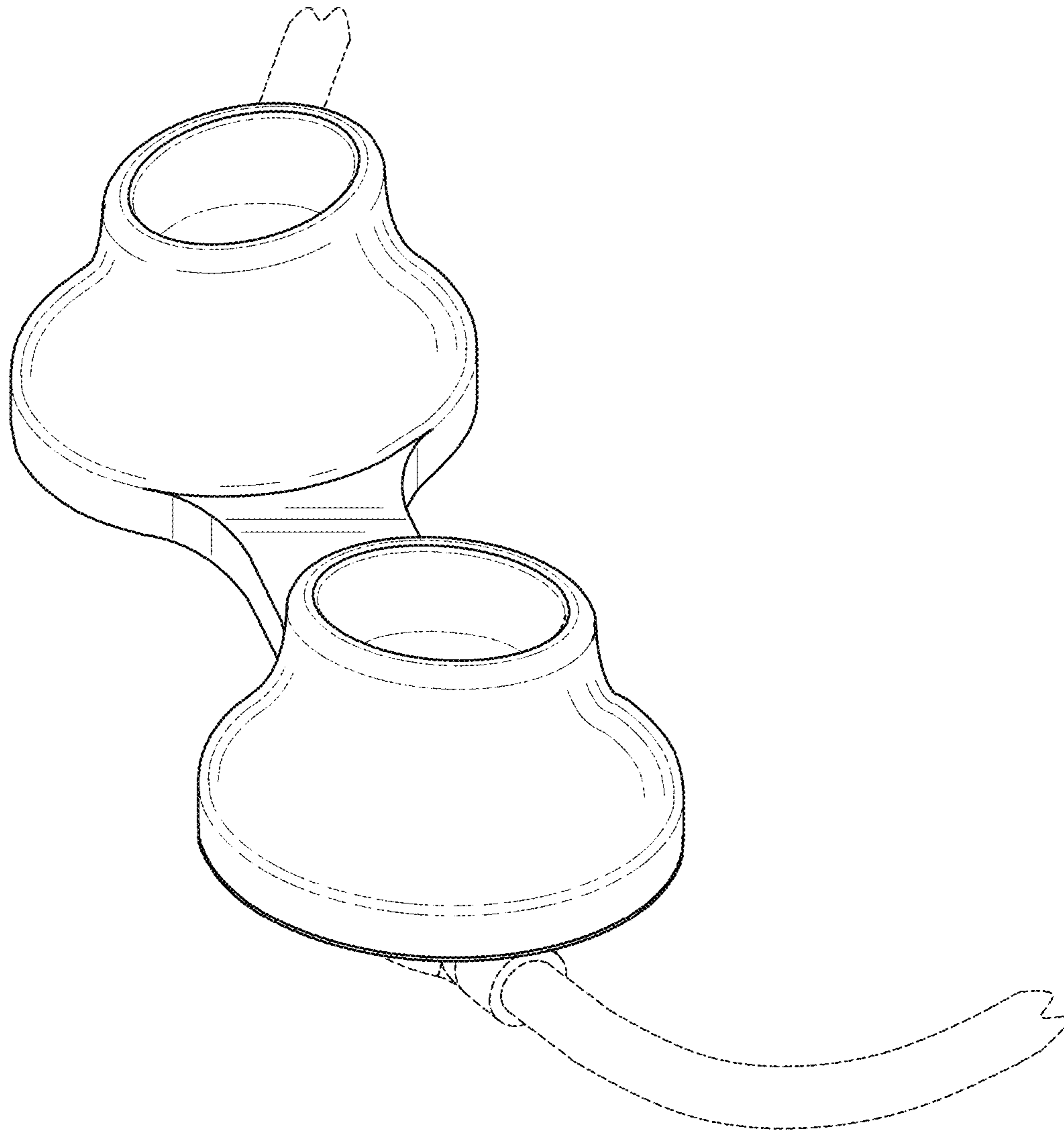


FIG. 7

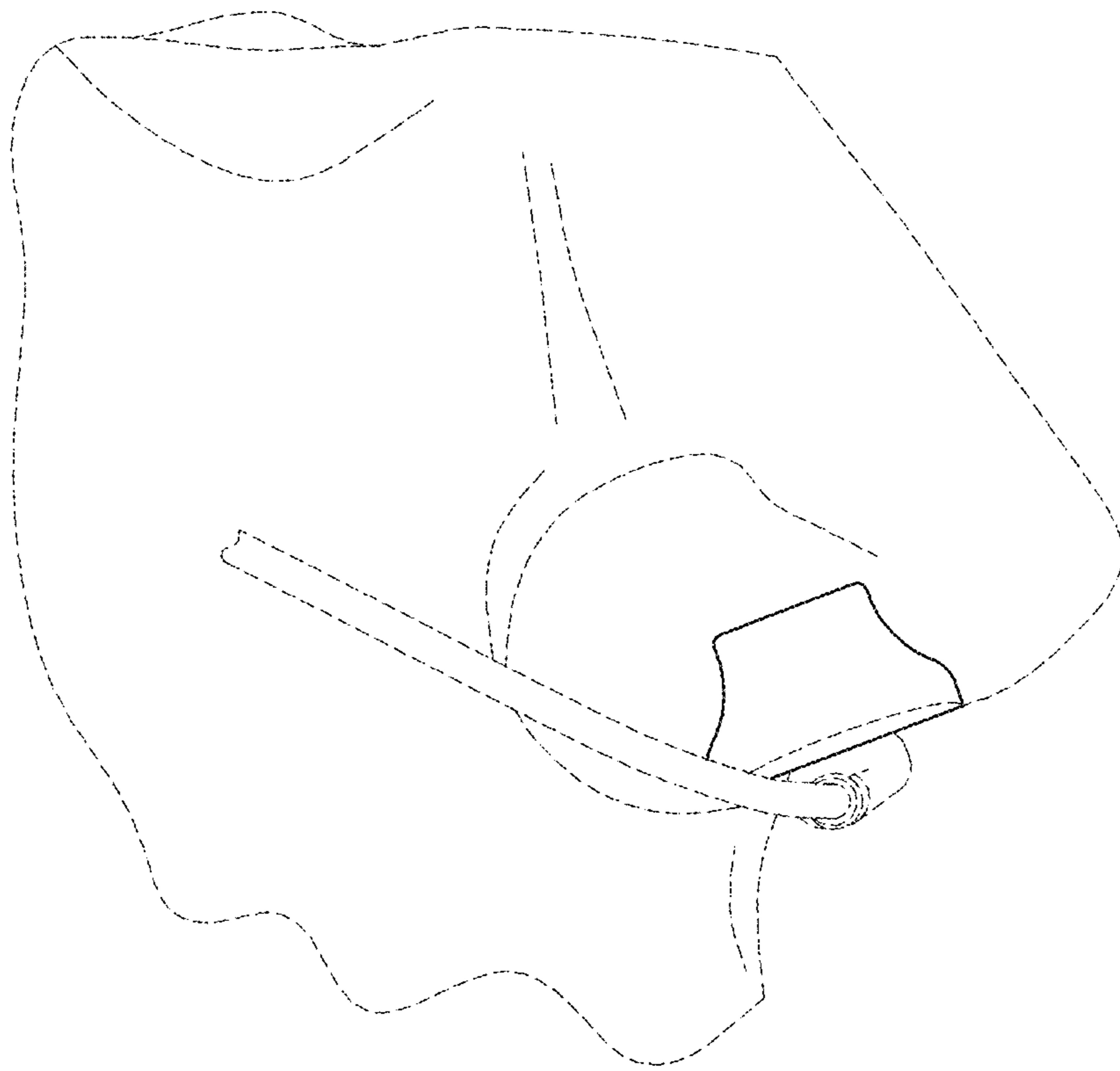


FIG. 8