US0D1028240S

(12) United States Design Patent

Wazer et al.

(10) Patent No.: US D1,028,240 S
(45) Date of Patent: ** May 21, 2024

(54) **RADIOACTIVE THERAPEUTIC DEVICE**

(71) Applicants: **David E. Wazer**, Westwood, MA (US); **Thomas A. DiPetrillo**, Dover, MA (US); **John J. Munro, III**, North Andover, MA (US)

(72) Inventors: **David E. Wazer**, Westwood, MA (US); **Thomas A. DiPetrillo**, Dover, MA (US); **John J. Munro, III**, North Andover, MA (US)

(73) Assignee: **PointSource Technologies, LLC**, Boston, MA (US)

(**) Term: **15 Years**

(21) Appl. No.: **29/713,841**

(22) Filed: **Nov. 19, 2019**

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

(52) **U.S. Cl.**
USPC **D24/158**; D24/145

(58) **Field of Classification Search**
USPC D24/158–161, 185–187, 107, 145
CPC .. A61B 5/05; A61B 5/055; A61B 6/03; A61B 6/035
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,489,875	A *	12/1984	Crawford	A61B 17/0644 227/19
4,754,745	A	7/1988	Horowitz	
4,815,449	A	3/1989	Horowitz	
4,936,823	A	6/1990	Colvin et al.	
5,030,195	A	7/1991	Nardi	
5,171,252	A *	12/1992	Friedland	A61B 17/122 606/151
5,460,592	A	10/1995	Langton et al.	
5,626,592	A	5/1997	Phillips et al.	
5,713,911	A	2/1998	Racenet et al.	
5,830,221	A	11/1998	Stein et al.	
5,906,573	A	5/1999	Aretz	

(Continued)

FOREIGN PATENT DOCUMENTS

EP	1 126 900	8/2001

Primary Examiner — Mary Shannon Malley
(74) *Attorney, Agent, or Firm* — David M. Driscoll, Esq.

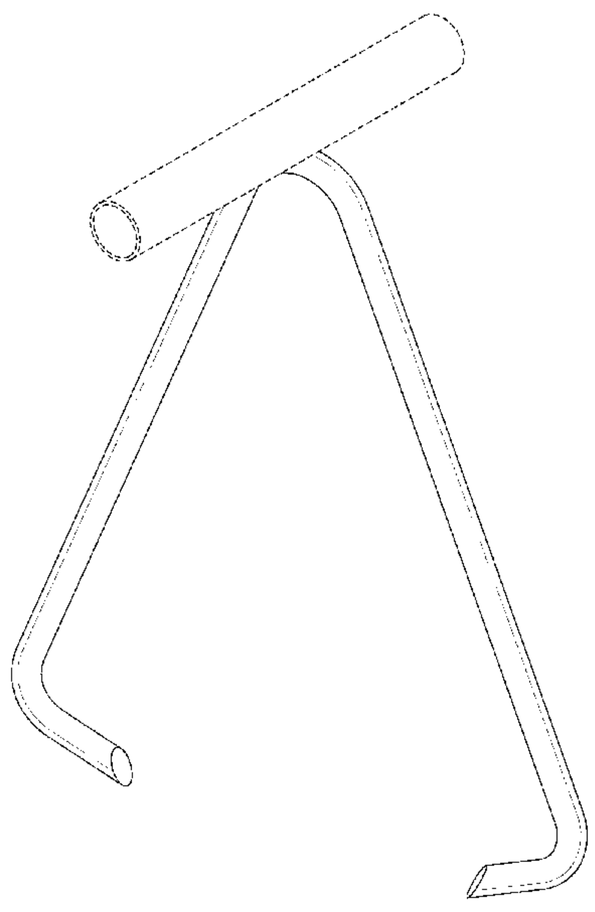
(57) **CLAIM**

The ornamental design for a radioactive therapeutic device, as shown and described.

DESCRIPTION

FIG. **1** is a perspective view of a radioactive therapeutic device;
FIG. **2** is a front elevational view thereof;
FIG. **3** is a rear elevational view thereof;
FIG. **4** is a right side elevational view thereof;
FIG. **5** is a left side elevational view thereof;
FIG. **6** is a top plan view thereof;
FIG. **7** is a bottom plan view thereof;
FIG. **8** is a perspective view of the radioactive therapeutic device in a closed position;
FIG. **9** is a front elevational view in the closed position thereof;
FIG. **10** is a rear elevational view in the closed position thereof;
FIG. **11** is a right side elevational view in the closed position thereof;
FIG. **12** is a left side elevational view in the closed position thereof;
FIG. **13** is a top plan view in the closed position thereof; and,
FIG. **14** is a bottom plan view in the closed position thereof.
The broken lines shown in the drawing views are included for the purpose of showing environmental structure that forms no part of the claimed design.

1 Claim, 12 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

6,010,446	A		1/2000	Grimm
6,030,333	A		2/2000	Sioshansi et al.
6,146,322	A		11/2000	Papirov et al.
6,264,596	B1		7/2001	Weadock
6,264,599	B1		7/2001	Slater et al.
6,293,899	B1		9/2001	Sioshansi et al.
6,419,621	B1		7/2002	Sioshansi et al.
6,436,026	B1		8/2002	Sioshansi et al.
6,471,630	B1		10/2002	Sioshansi et al.
6,527,693	B2		3/2003	Munro, III et al.
6,547,812	B1		4/2003	Hu
6,575,887	B1		6/2003	Schrayer
6,575,888	B2		6/2003	Zamora et al.
6,589,502	B1		7/2003	Coniglione et al.
6,599,230	B2		7/2003	Hastings et al.
6,616,592	B1		9/2003	Rosenthal et al.
6,629,988	B2		10/2003	Weadock
6,659,933	B2		12/2003	Asano
6,709,381	B2		3/2004	Munro, III
6,749,553	B2		6/2004	Brauckman et al.
6,761,680	B2		7/2004	Terwilliger et al.
6,773,390	B2		8/2004	McDaniel
6,786,858	B2		9/2004	Terwilliger et al.
6,820,318	B2		11/2004	Terwilliger et al.
6,926,733	B2		8/2005	Stinson
6,969,344	B2		11/2005	Drobnik et al.
6,997,862	B2		2/2006	Terwilliger et al.
7,008,368	B2		3/2006	Terwilliger et al.
7,060,020	B2		6/2006	Terwilliger et al.
7,070,554	B2		7/2006	White et al.
7,105,018	B1		9/2006	Yip et al.
D544,100	S	*	6/2007	Ansari D24/188
D574,498	S	*	8/2008	Fox D24/171
7,604,586	B2	*	10/2009	Wazer A61B 17/0644 600/3
D616,087	S	*	5/2010	Brigatti D24/112
7,942,931	B2		5/2011	Gonzalez et al.
7,972,260	B2		7/2011	Wazer et al.
8,061,520	B2		11/2011	Stopek
8,069,980	B2		12/2011	Stopek et al.
8,114,007	B2		2/2012	Lamoureux et al.
8,267,849	B2		9/2012	Wazer et al.
8,292,068	B2		10/2012	Stopek et al.
8,342,376	B2		1/2013	Surti
8,366,598	B2		2/2013	Lamoureux et al.
8,403,946	B2		3/2013	Whitfield et al.
8,454,489	B2		6/2013	Drobnik et al.
8,486,047	B2		7/2013	Stopek
8,529,819	B2		9/2013	Ostapoff et al.
8,551,132	B2		10/2013	Eskridge et al.
8,579,785	B2		11/2013	Shariati
8,678,990	B2		3/2014	Wazer et al.
D705,930	S	*	5/2014	Cheney D24/145
D706,927	S	*	6/2014	Cheney D24/145
D707,357	S	*	6/2014	Cheney D24/145
D716,462	S	*	10/2014	Perryman A61H 23/00 D24/214
8,939,153	B1		1/2015	Reicher et al.
9,198,654	B1		12/2015	Reicher et al.
9,763,660	B2		9/2017	Wazer et al.
10,159,850	B2	*	12/2018	Racenet A61B 17/064
10,251,645	B2	*	4/2019	Kostrzewski A61B 17/0684
10,286,227	B2		5/2019	Munro, III et al.
10,293,553	B2		5/2019	Racenet et al.
D886,299	S	*	6/2020	Cundiff D24/155
10,820,903	B2	*	11/2020	Randhawa A61B 17/1222
11,224,761	B1	*	1/2022	Wazer A61N 5/1007
D966,521	S	*	10/2022	Van Manen D24/158
2002/0010480	A1		1/2002	Sancoff et al.
2004/0192998	A1		9/2004	Brauckman et al.
2009/0012347	A1		1/2009	Helle et al.
2009/0018535	A1		1/2009	Schechter et al.
2011/0245578	A1		10/2011	Wazer et al.
2012/0125792	A1		5/2012	Cassivi
2014/0066688	A1		3/2014	Cassivi
2019/0126066	A1		5/2019	Racenet et al.

* cited by examiner

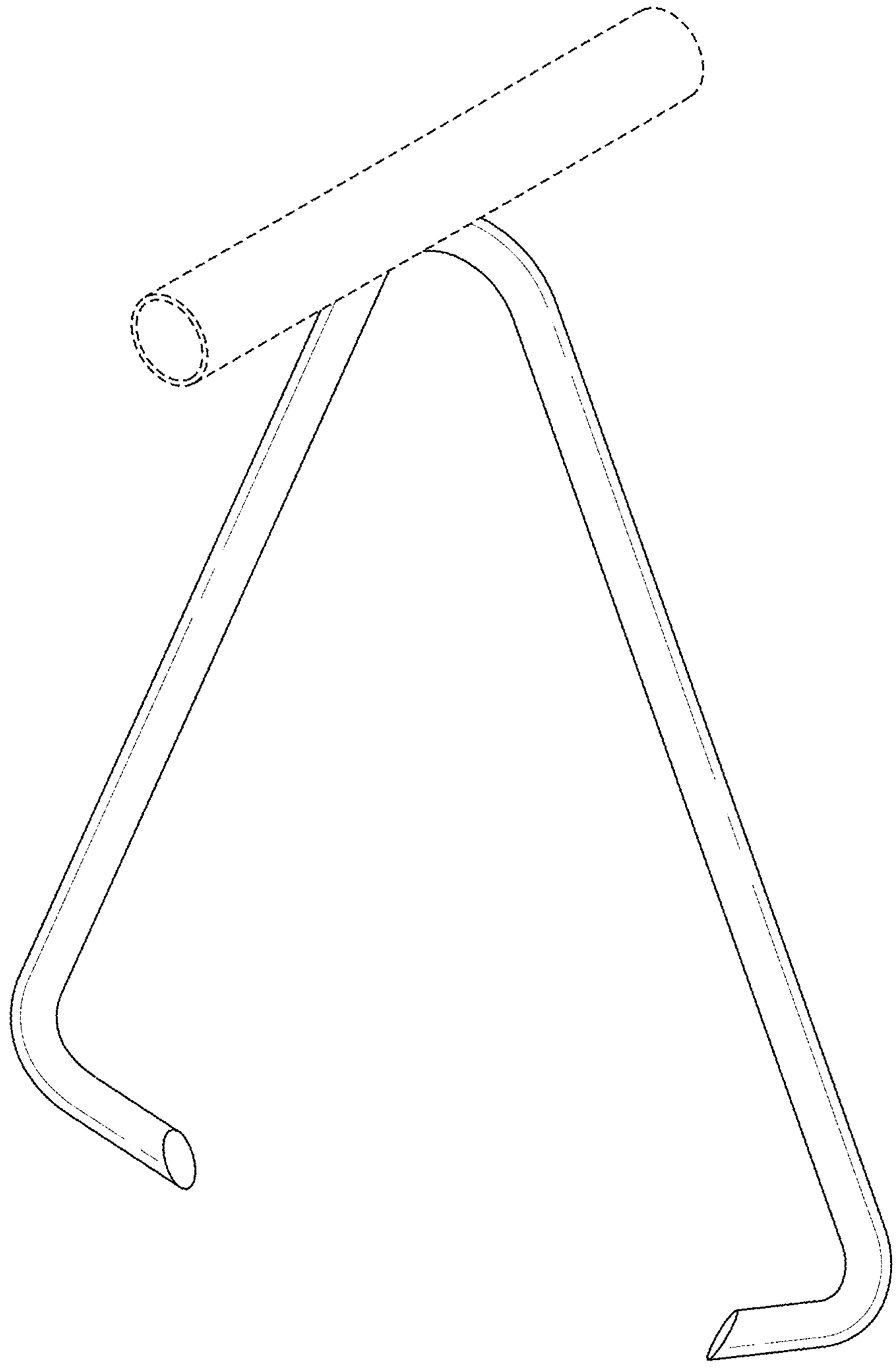


FIG. 1

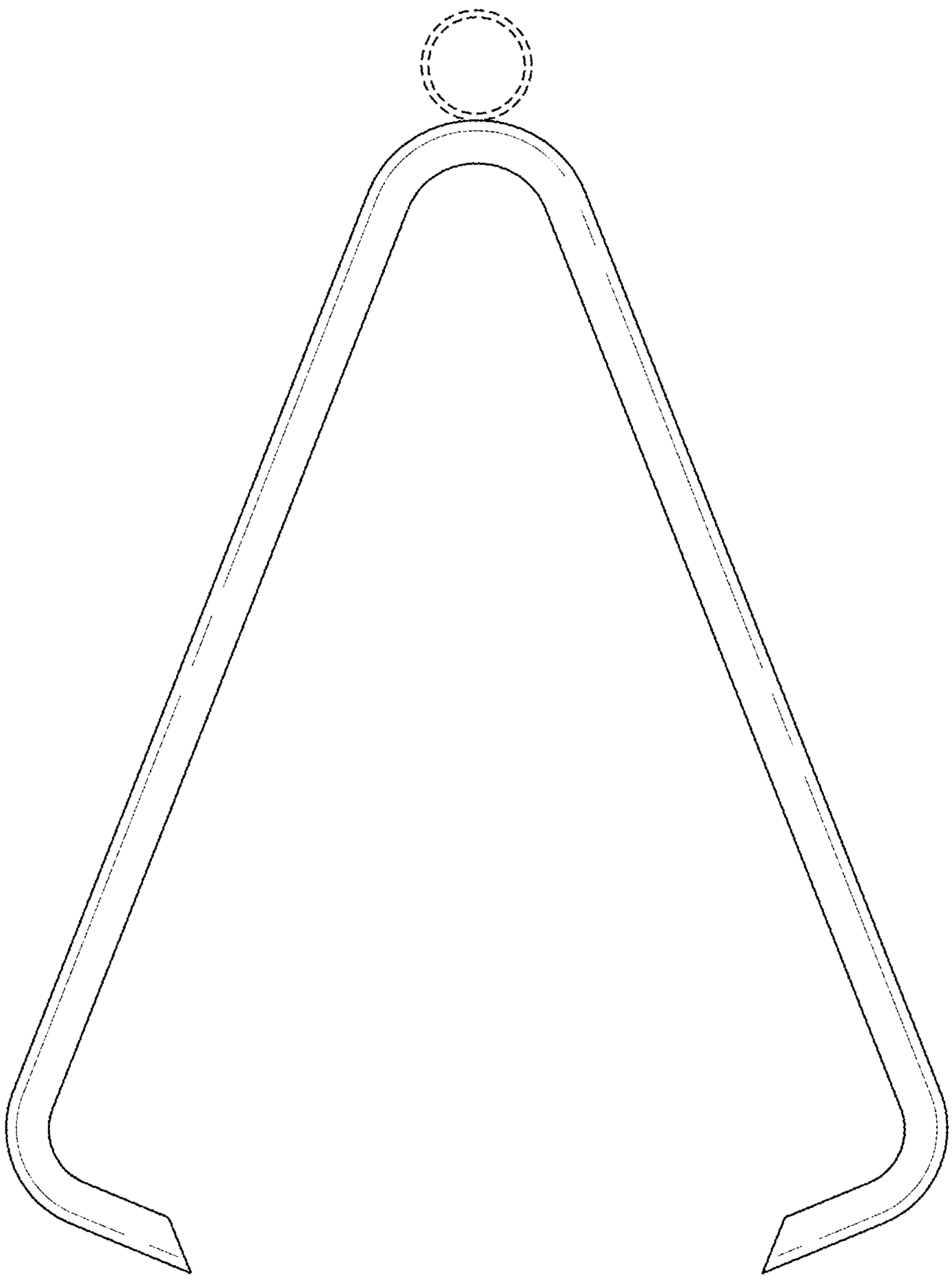


FIG. 2

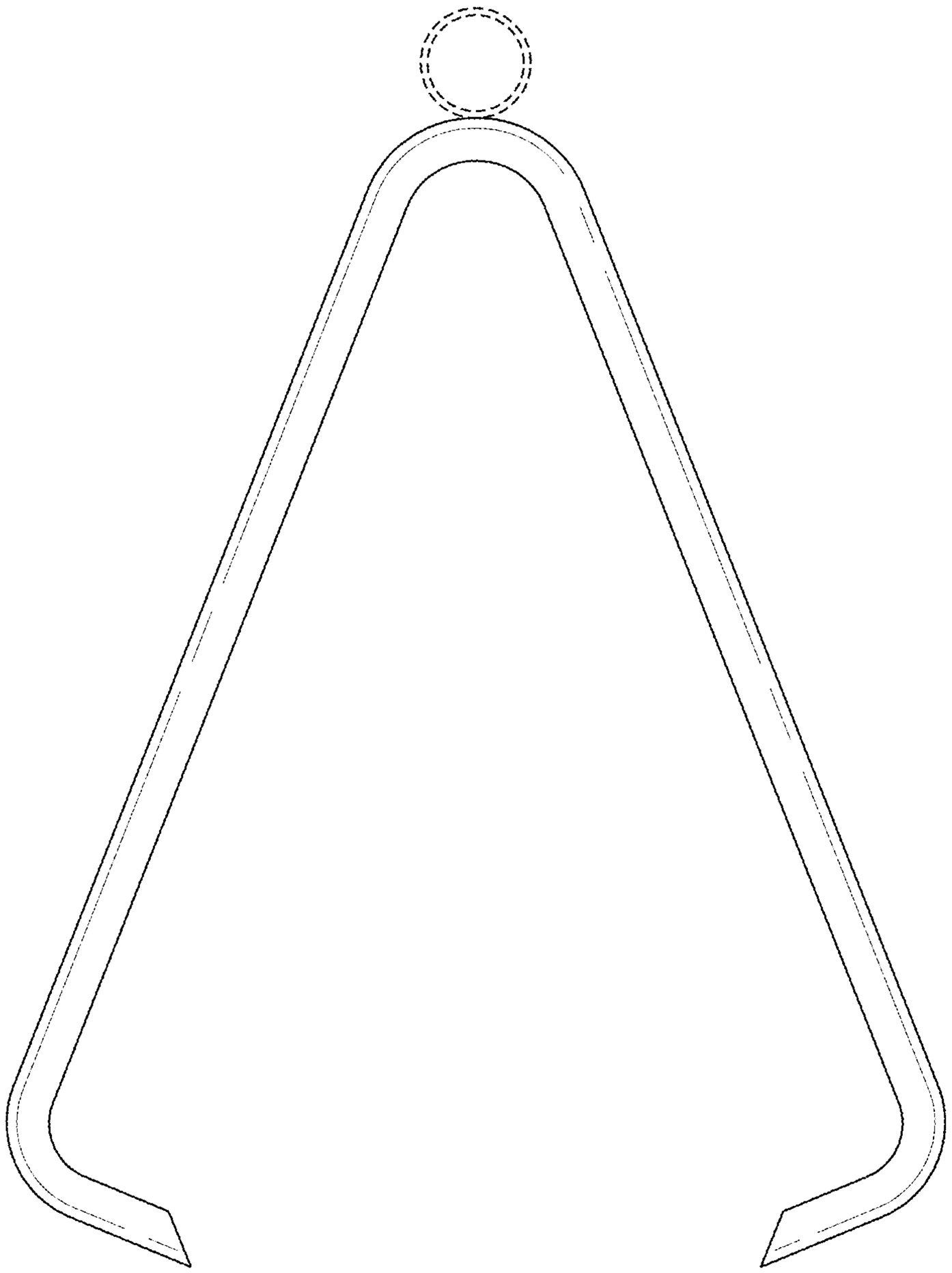


FIG. 3

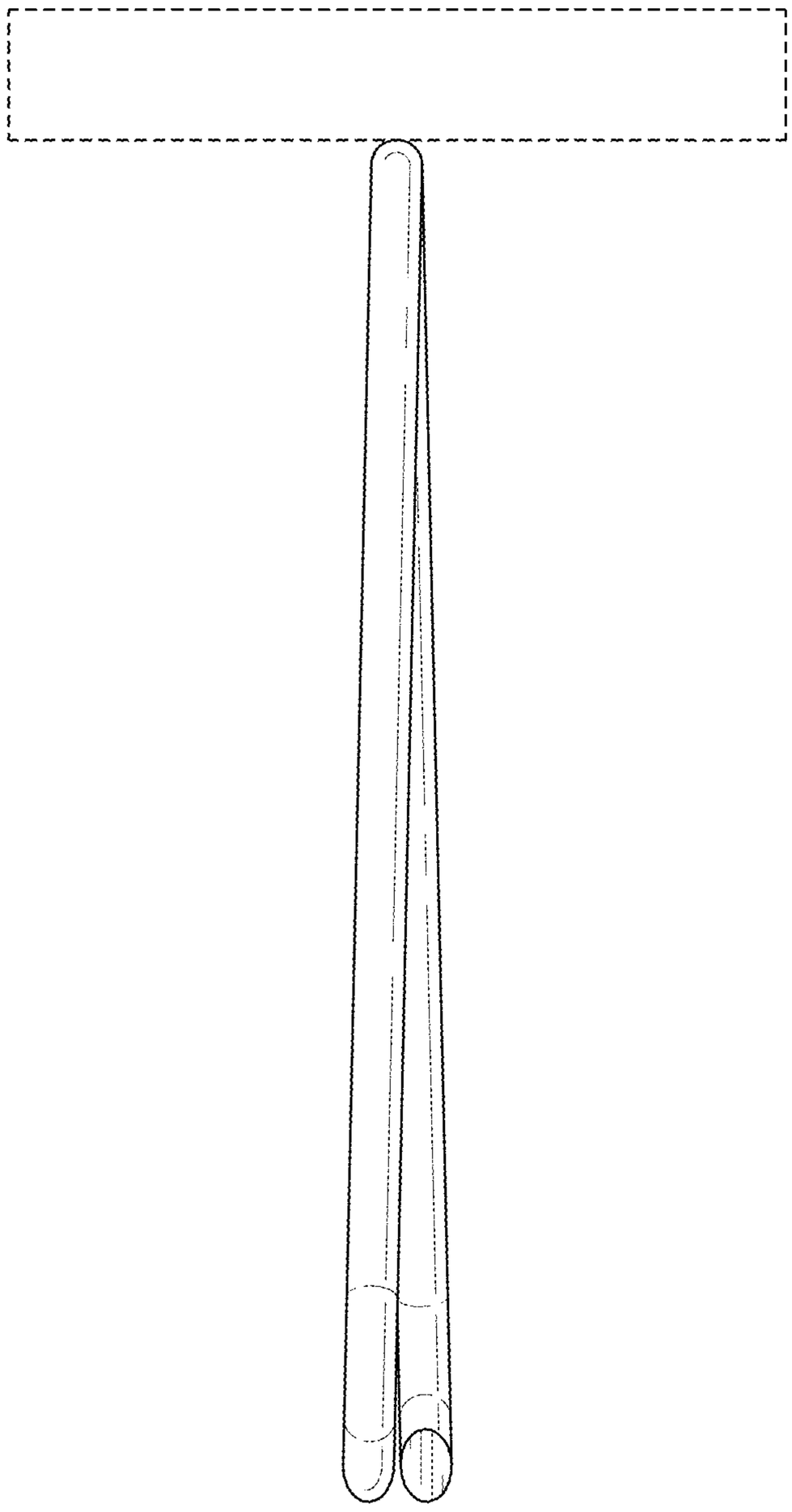


FIG. 4

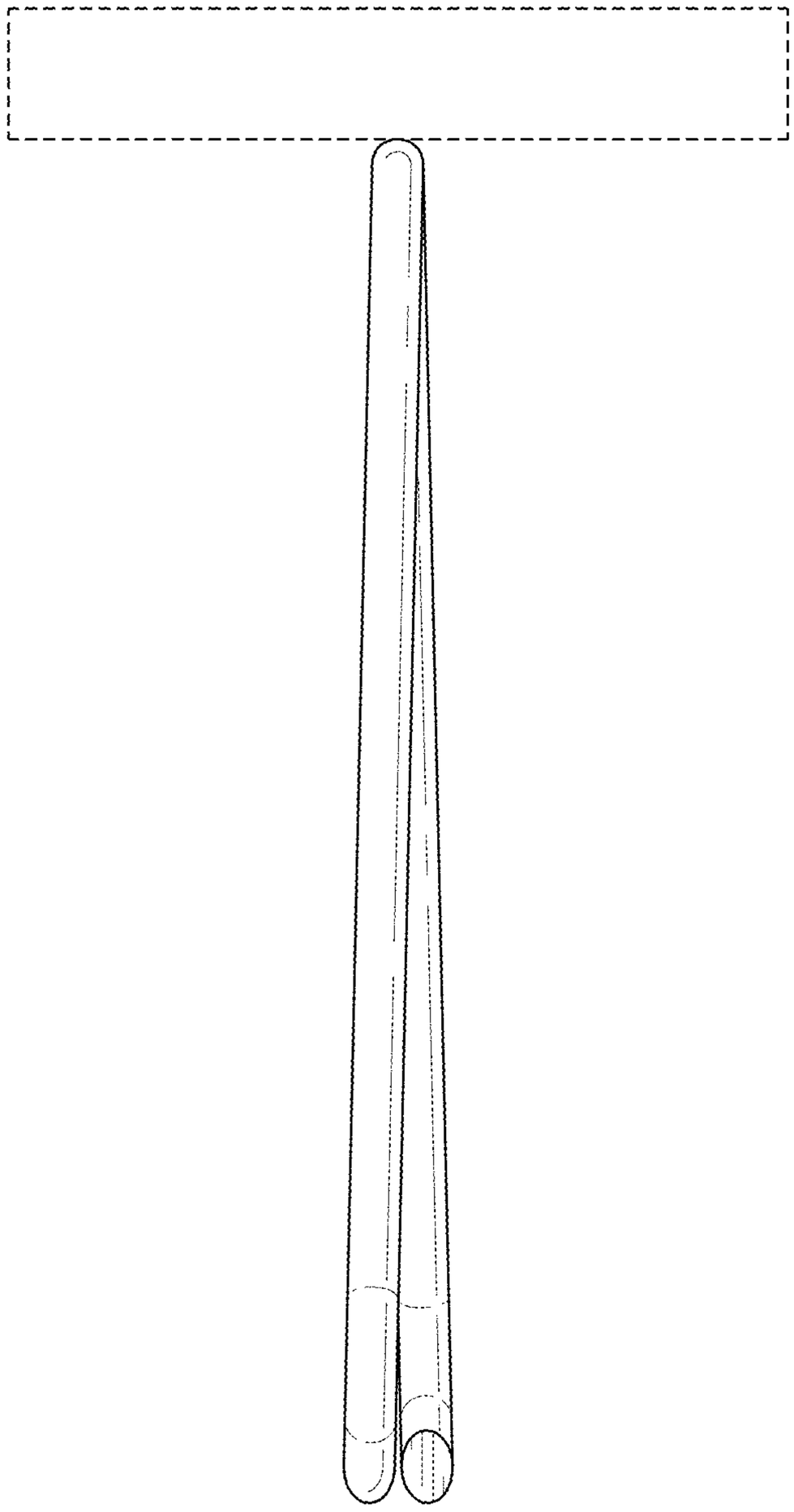


FIG. 5

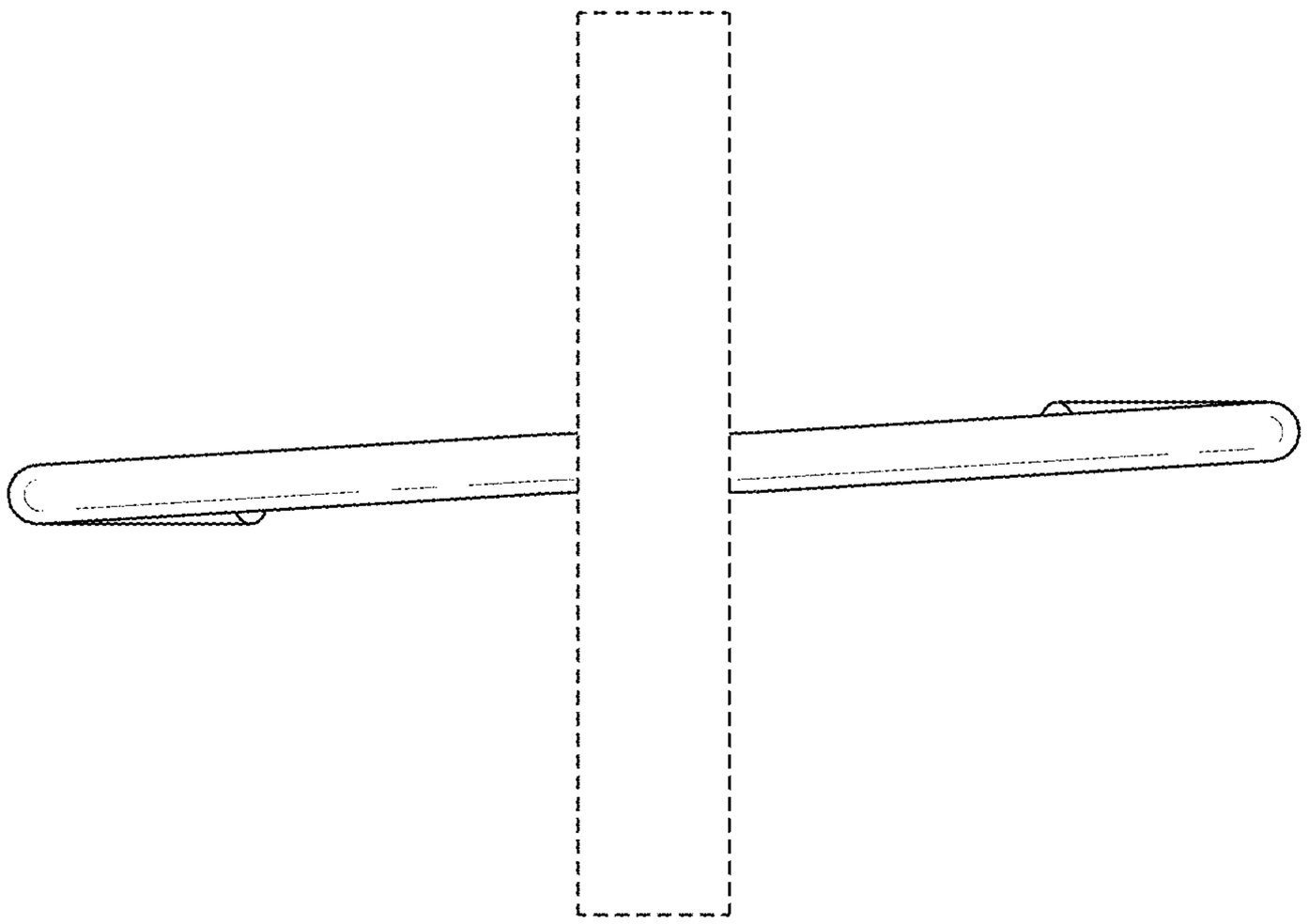


FIG. 6

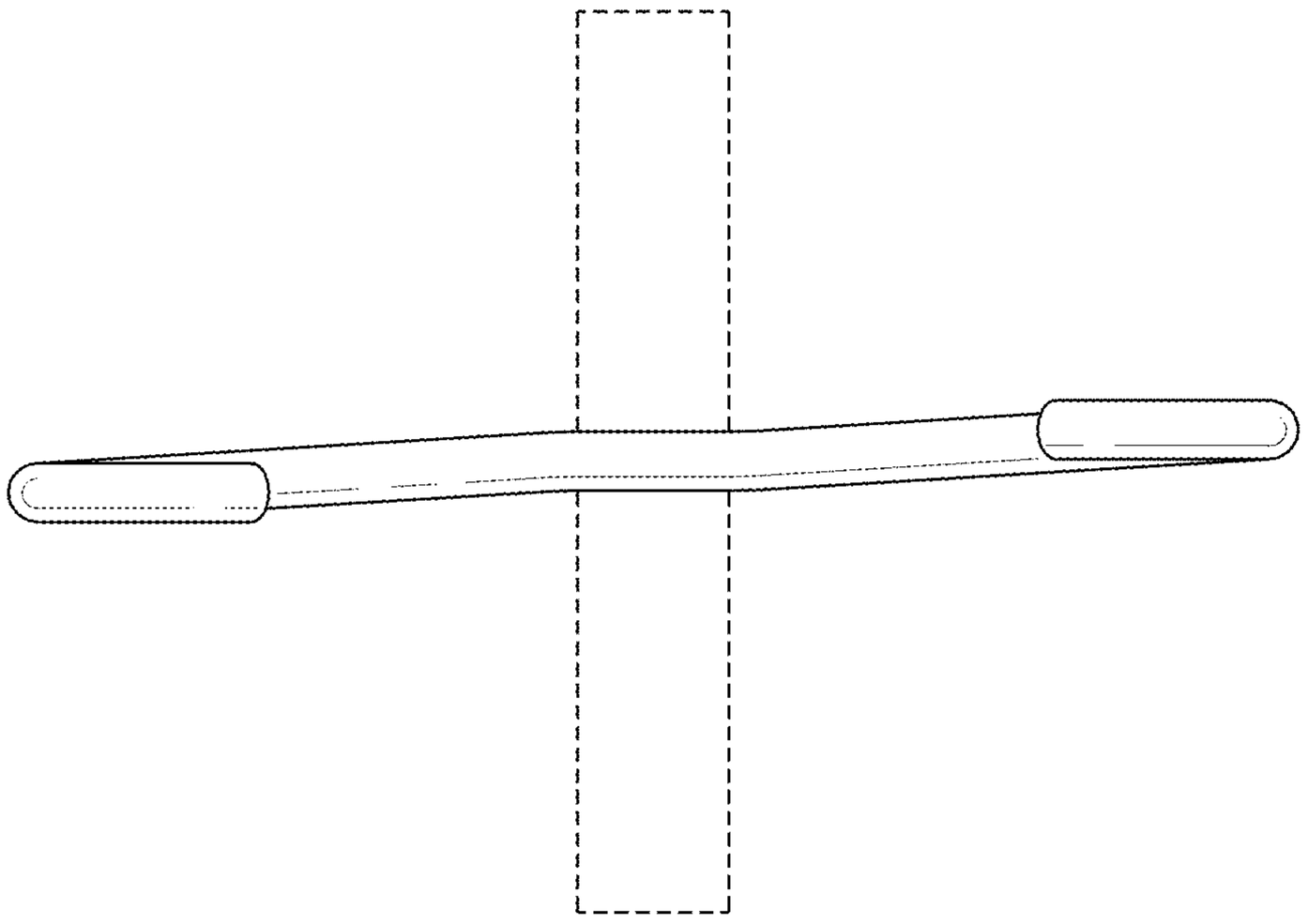


FIG. 7

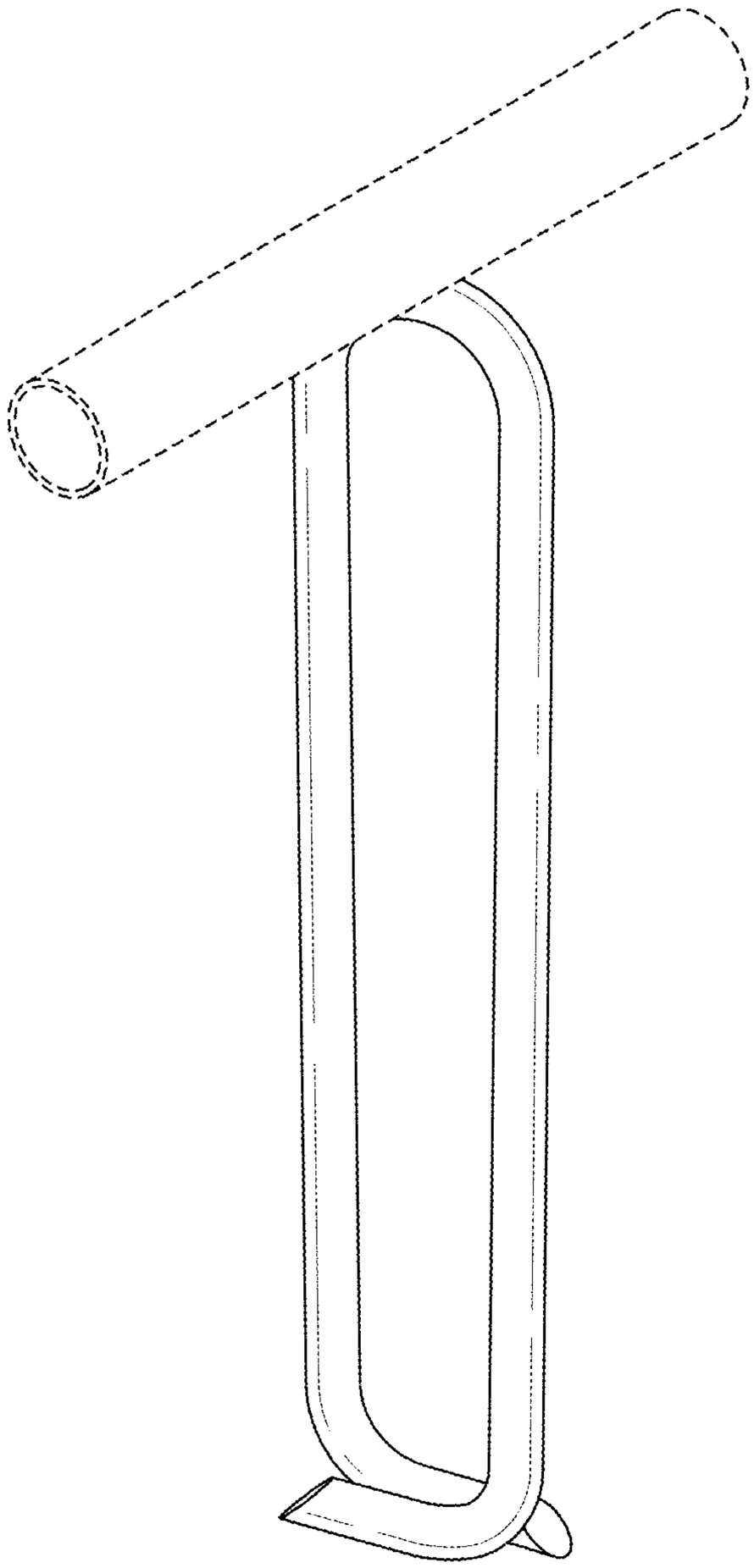


FIG. 8

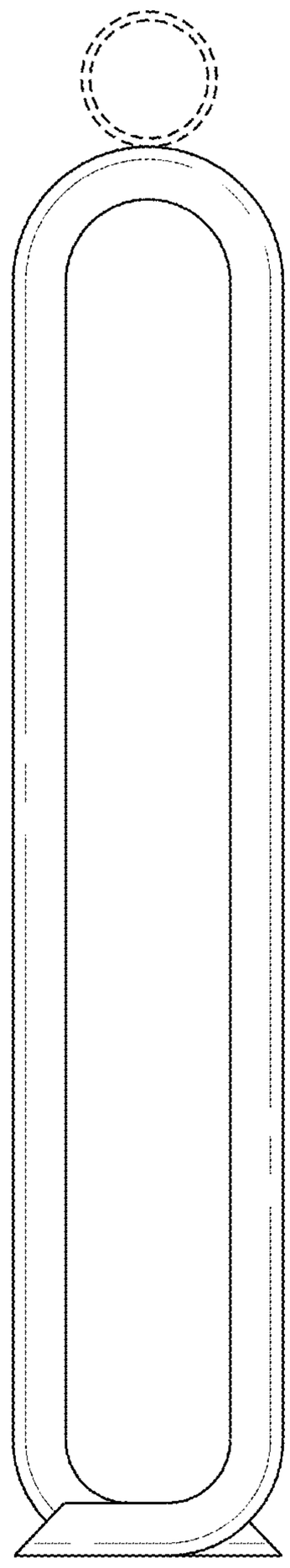


FIG. 9

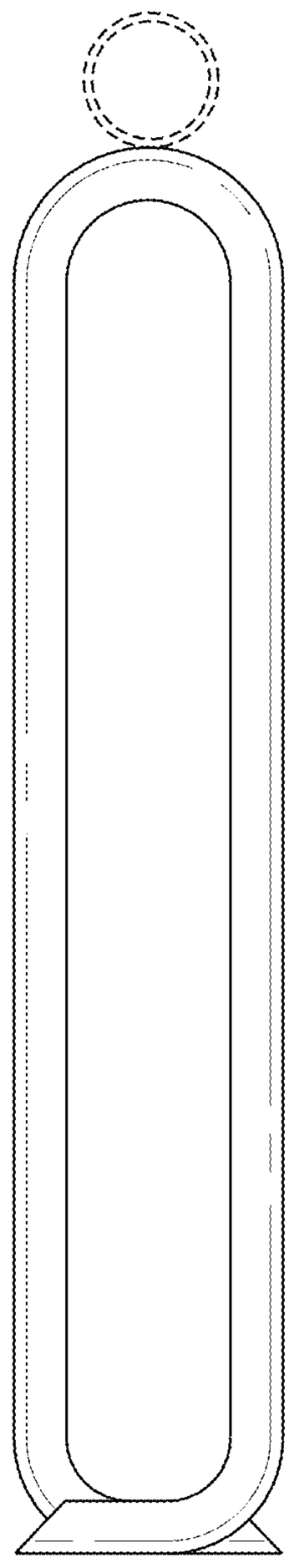


FIG. 10

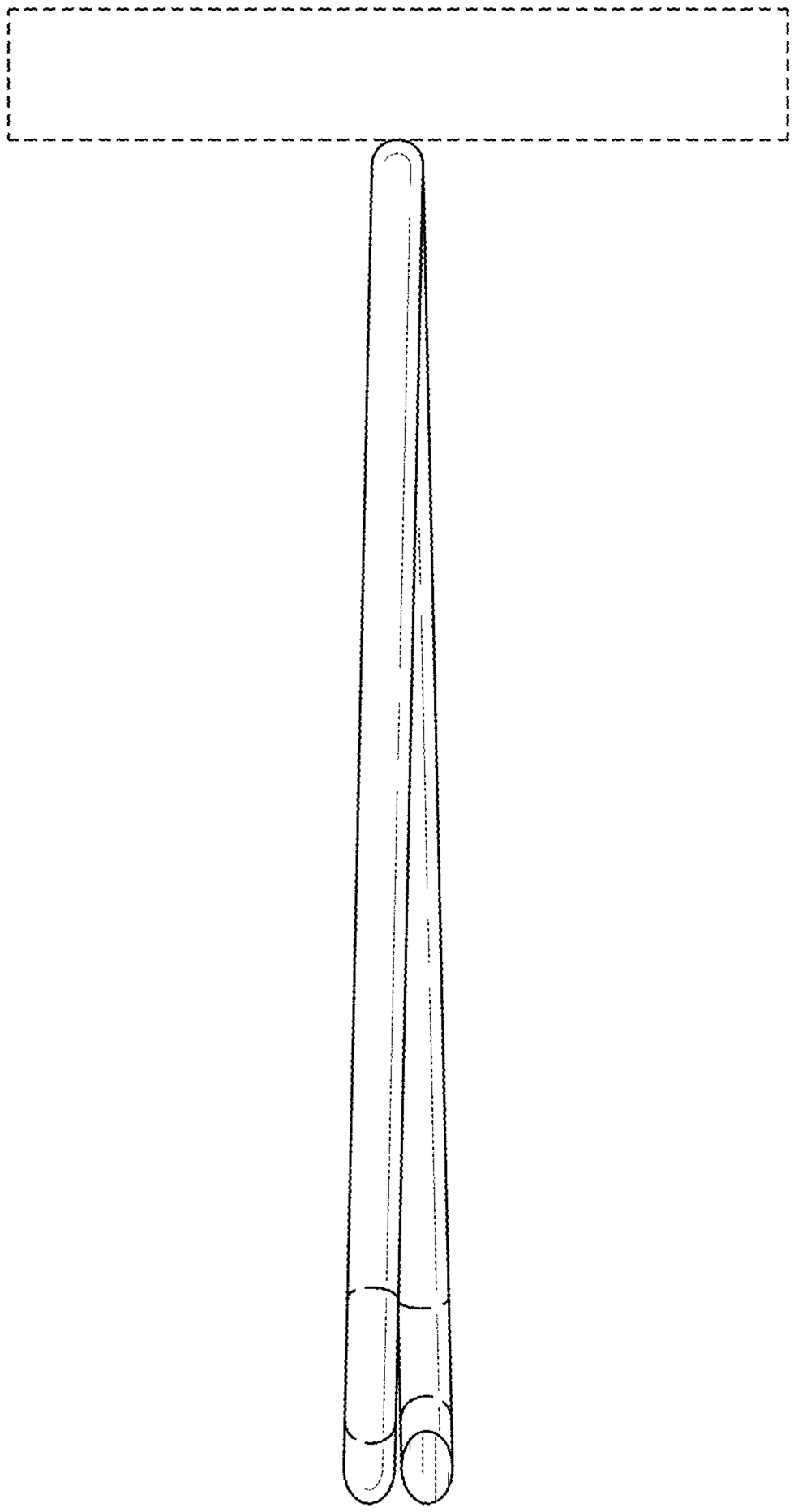


FIG. 11

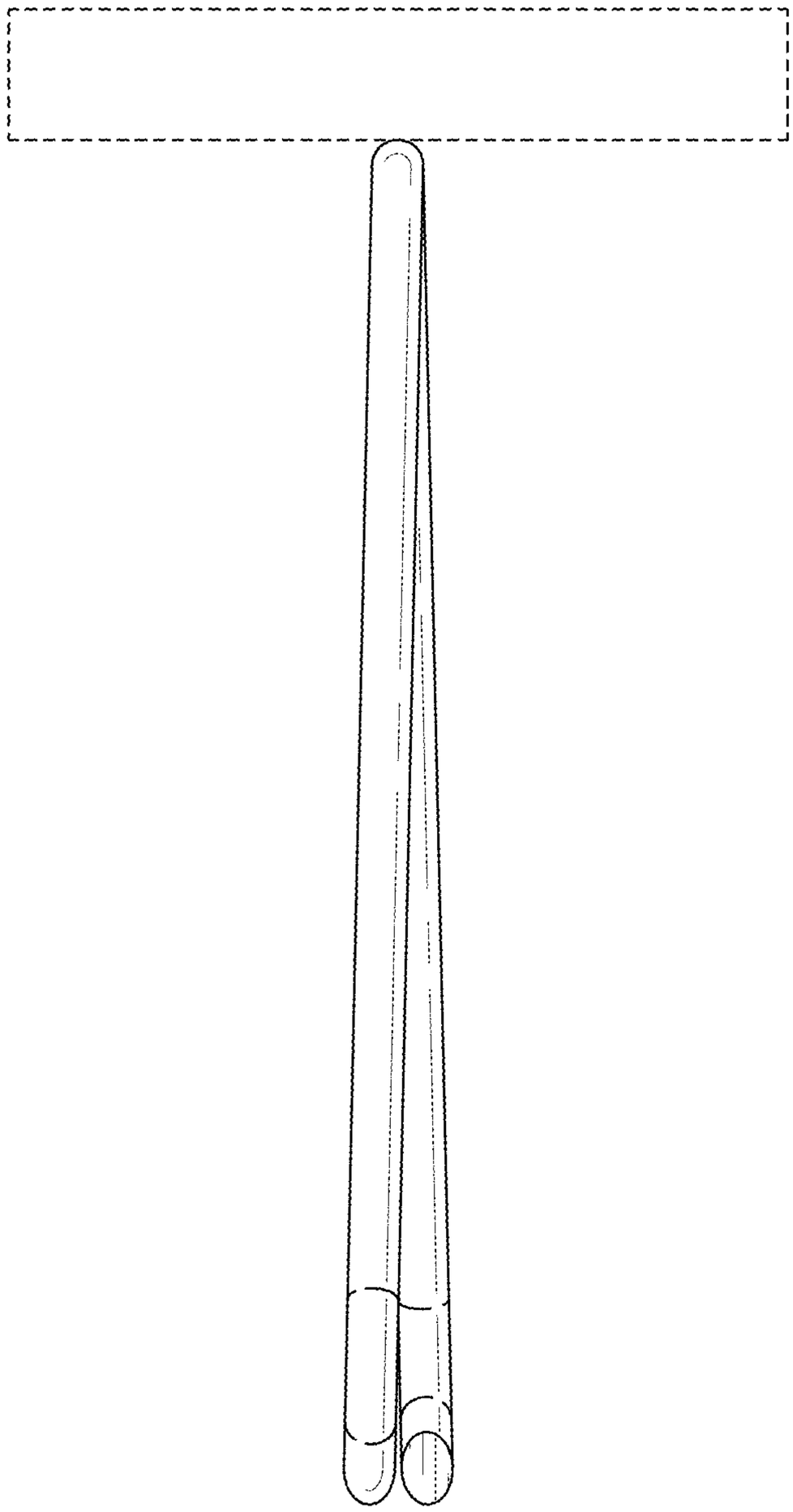


FIG. 12

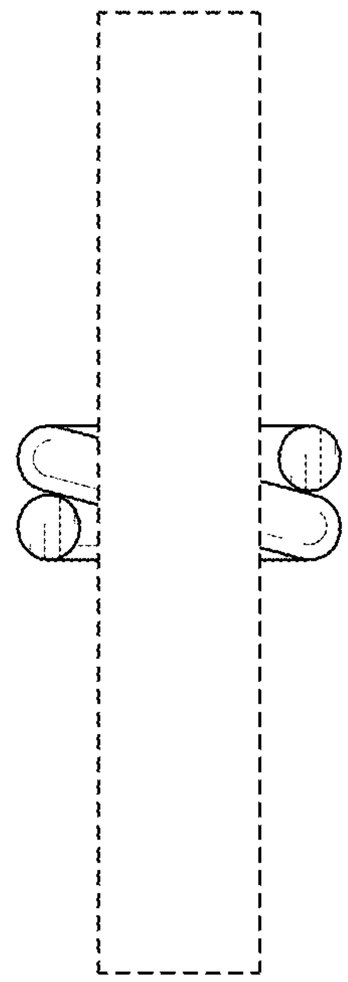


FIG. 13

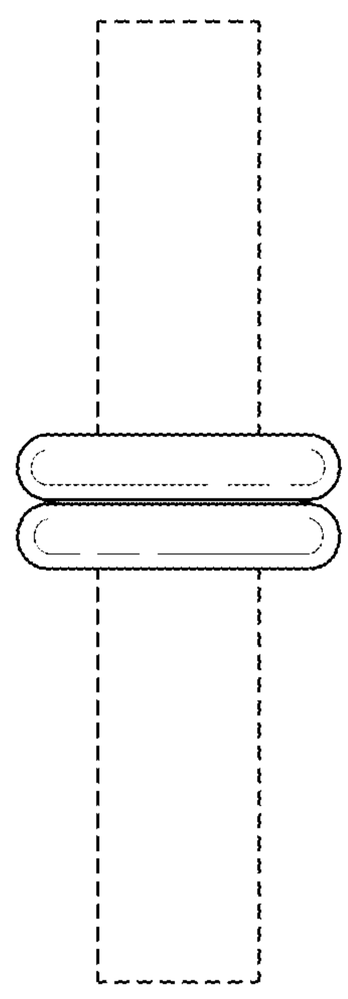


FIG. 14