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(12) **United States Design Patent**  
**Grossman**

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- (54) **CARABINER**
- (71) Applicant: **Peter Grossman**, Castle Hill (AU)
- (72) Inventor: **Peter Grossman**, Annangrove (AU)
- (\*\*) Term: **15 Years**
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- (51) **LOC (13) Cl.** ..... **09-06**
- (52) **U.S. Cl.**  
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- (58) **Field of Classification Search**  
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24/376  
CPC ..... B65H 57/16; B63B 21/045; A63B 29/08;  
A63B 27/02  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

582,780	A	*	5/1897	Eldridge	.....	F16B 45/02
						24/582.11
D577,574	S	*	9/2008	Liang	.....	D8/356
D607,712	S	*	1/2010	Kelleghan	.....	D8/356
D626,393	S	*	11/2010	Ormsbee	.....	D8/34
D637,473	S	*	5/2011	Mitchell	.....	D8/336
D646,556	S	*	10/2011	Kelleghan	.....	D8/356
D669,764	S	*	10/2012	Kelleghan	.....	D8/356
D702,106	S	*	4/2014	Weinberg	.....	D8/356
D725,373	S	*	3/2015	Jiang	.....	D3/207
D729,513	S	*	5/2015	Jiang	.....	D3/207
9,255,602	B2	*	2/2016	Liang	.....	F16B 45/06
D762,460	S	*	8/2016	Gobbi	.....	D8/356
D765,493	S	*	9/2016	Spater	.....	D8/356
D766,071	S	*	9/2016	Spater	.....	D8/356
D767,975	S	*	10/2016	Jiang	.....	D8/356
9,521,939	B2	*	12/2016	Haarburger	.....	A47L 13/16
D775,513	S	*	1/2017	Kelleghan	.....	D8/356
D784,798	S	*	4/2017	Logsdon	.....	D8/394

D785,316	S	*	5/2017	Grossman	.....	D3/208
D785,317	S	*	5/2017	Grossman	.....	D3/208
9,797,432	B2	*	10/2017	Inkavesvaanit	.....	F16B 45/02
D811,838	S	*	3/2018	Enrico	.....	D8/34
D821,090	S	*	6/2018	Case	.....	D3/207
D821,854	S	*	7/2018	Berman	.....	D8/356
D854,916	S	*	7/2019	Derr	.....	D8/356
D858,088	S	*	9/2019	Osmanski	.....	D3/207
D861,327	S	*	10/2019	Osmanski	.....	D3/207
10,499,712	B2	*	12/2019	Cowdery	.....	A44B 13/02

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*Primary Examiner* — Cynthia R Underwood

(57) **CLAIM**

The ornamental design of a carabiner, substantially as shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of a carabiner in accordance with the present invention, with any portions shown in broken lines included for illustrative purposes only and forming no part of the claimed design;

FIG. 2 is a front view thereof;

FIG. 3 is a rear view thereof;

FIG. 4 is a top view thereof;

FIG. 5 is a bottom view thereof;

FIG. 6 is a left side view thereof;

FIG. 7 is a right side view thereof;

FIG. 8 is a front perspective view of an alternative embodiment of the carabiner in accordance with the present invention, with the portions shown in broken lines included for illustrative purposes only and forming no part of the claimed design;

FIG. 9 is a front view of FIG. 8;

FIG. 10 is a rear view of FIG. 8;

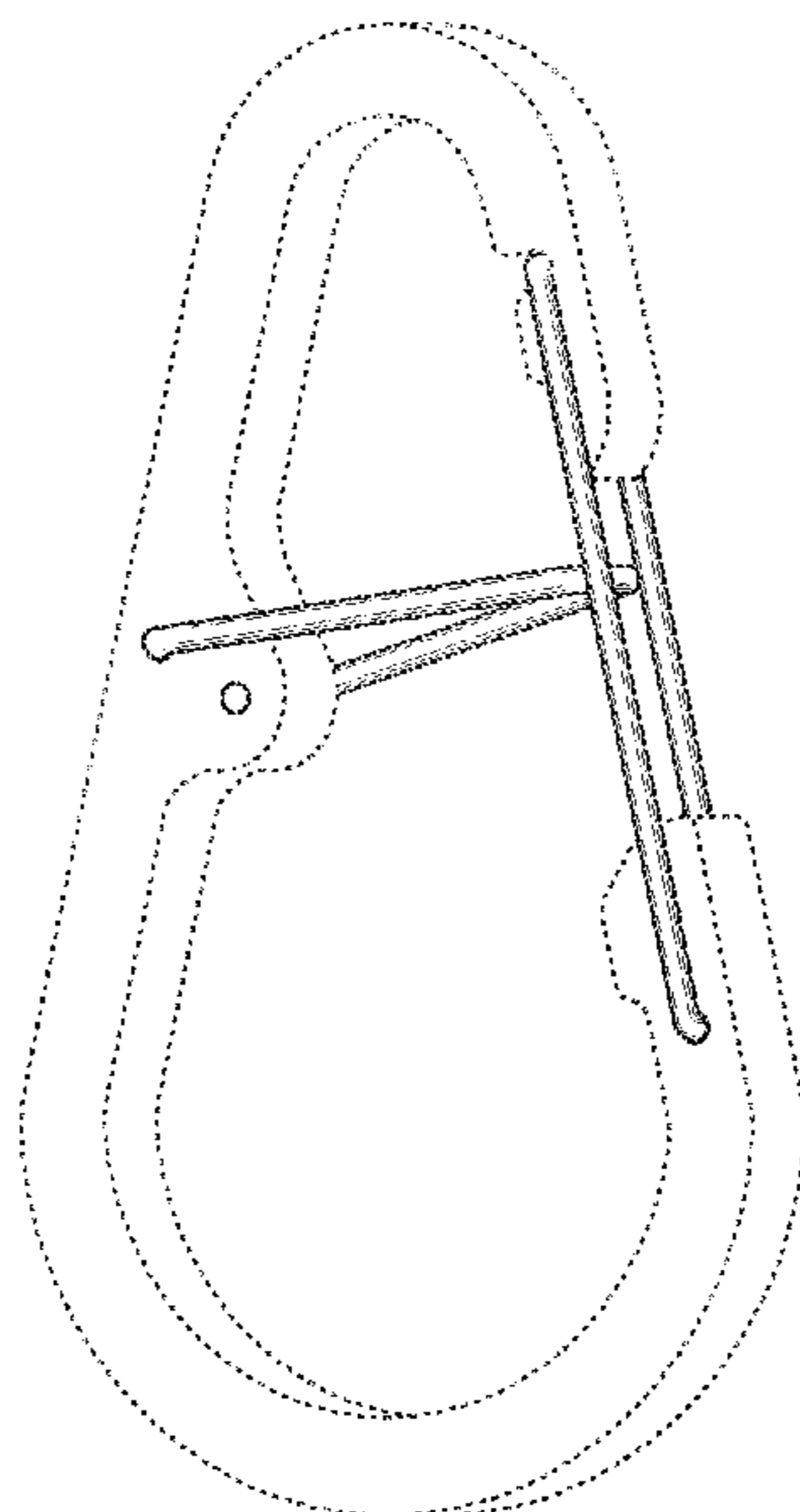
FIG. 11 is a top view of FIG. 8;

FIG. 12 is a bottom view of FIG. 8;

FIG. 13 is a left side view of FIG. 8; and,

FIG. 14 is a right side view of FIG. 8.

**1 Claim, 4 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

10,514,057 B2 \* 12/2019 Cardella ..... E05B 17/0041  
10,624,426 B2 \* 4/2020 Adelman ..... F16B 2/22  
2009/0000086 A1 \* 1/2009 Bing ..... F16B 45/06  
24/592.11  
2016/0153487 A1 \* 6/2016 Hollinger ..... F16B 45/02  
24/376

\* cited by examiner

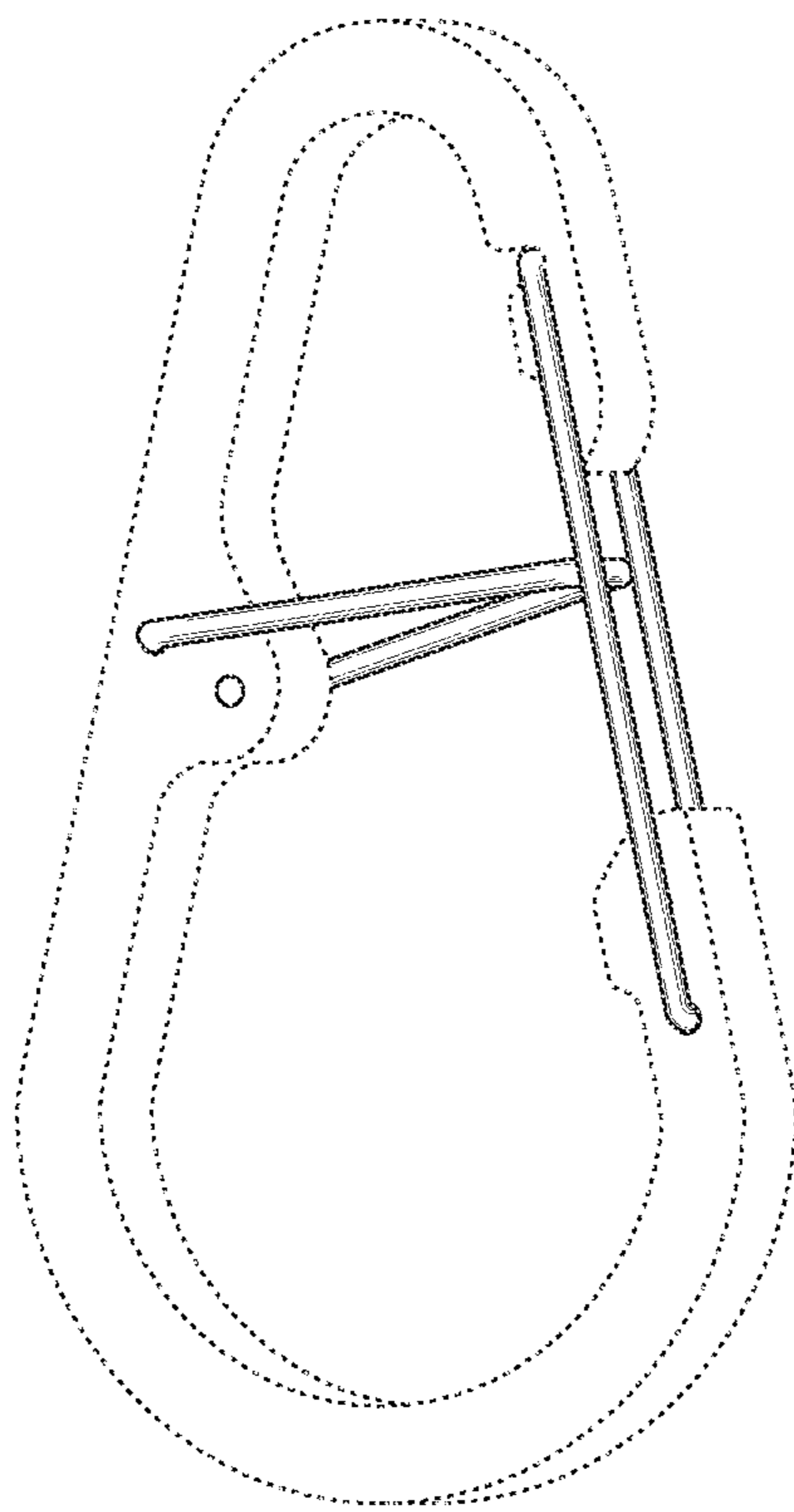


FIG. 1

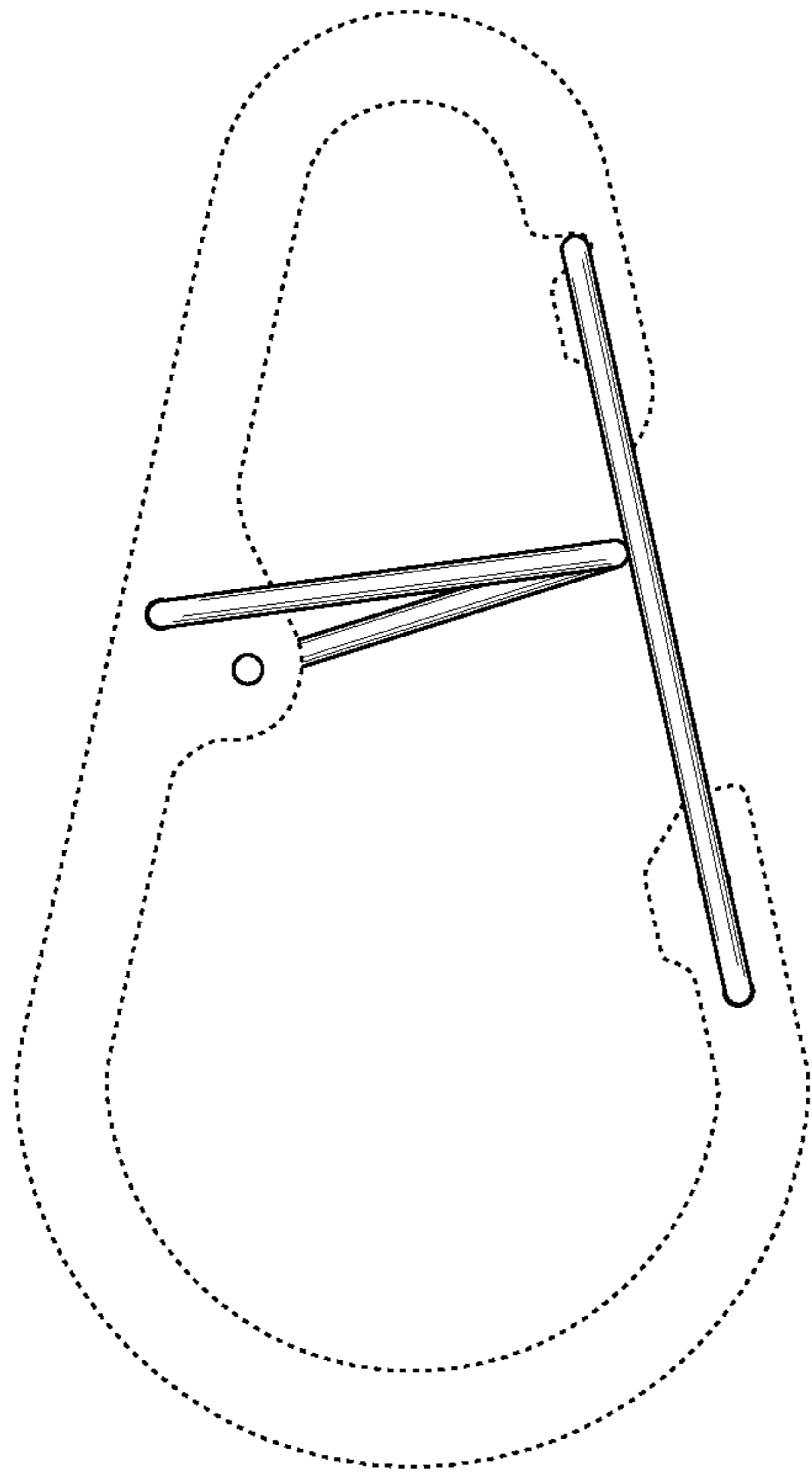


FIG. 2

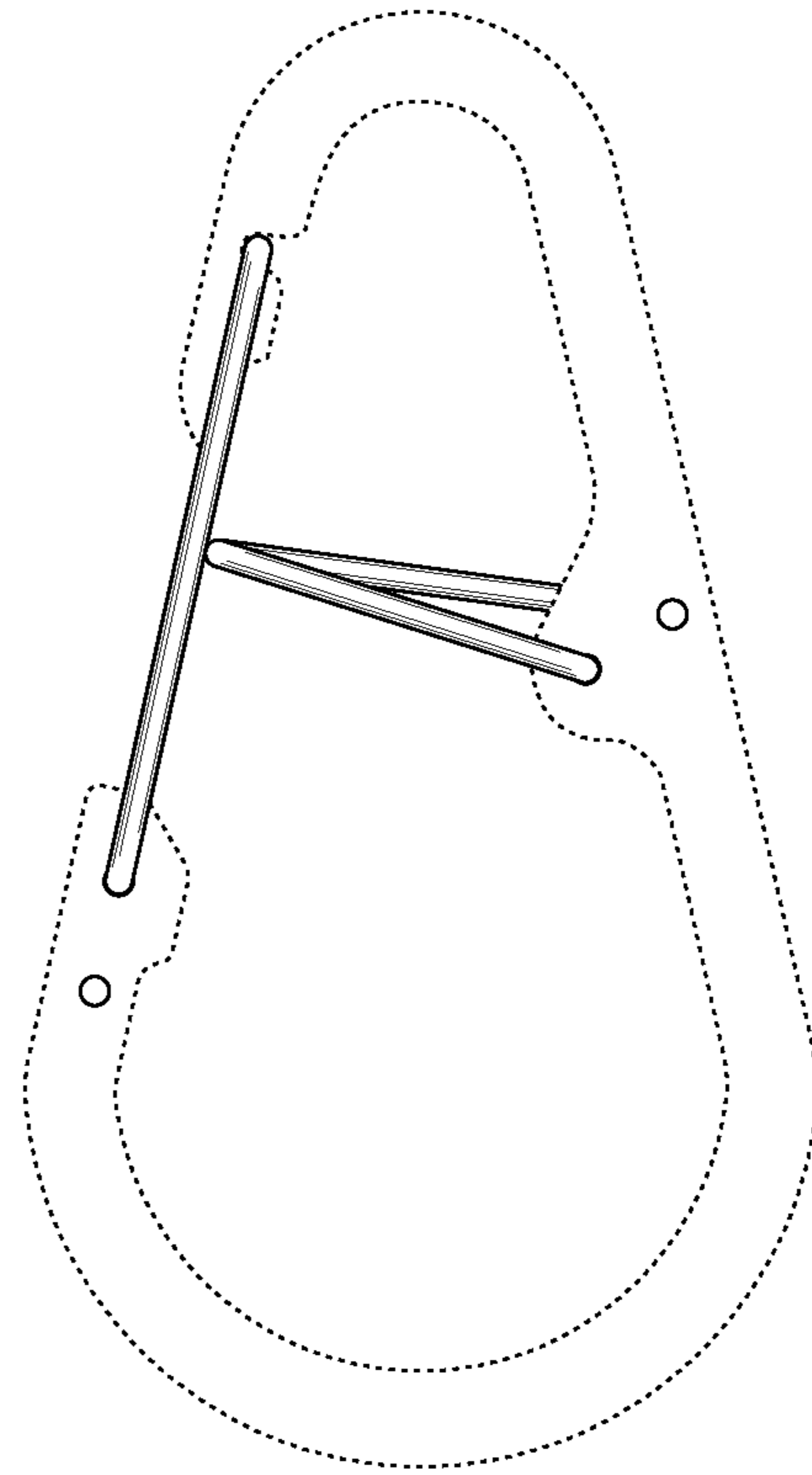


FIG. 3

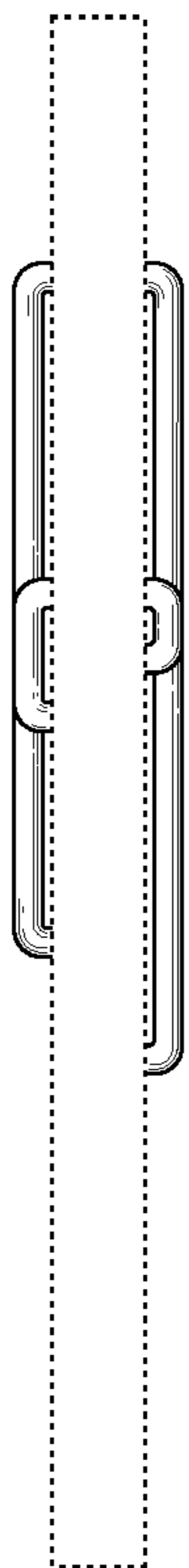


FIG. 6

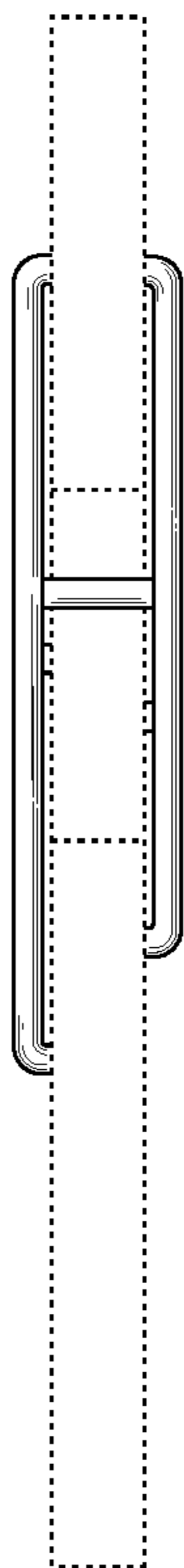


FIG. 7

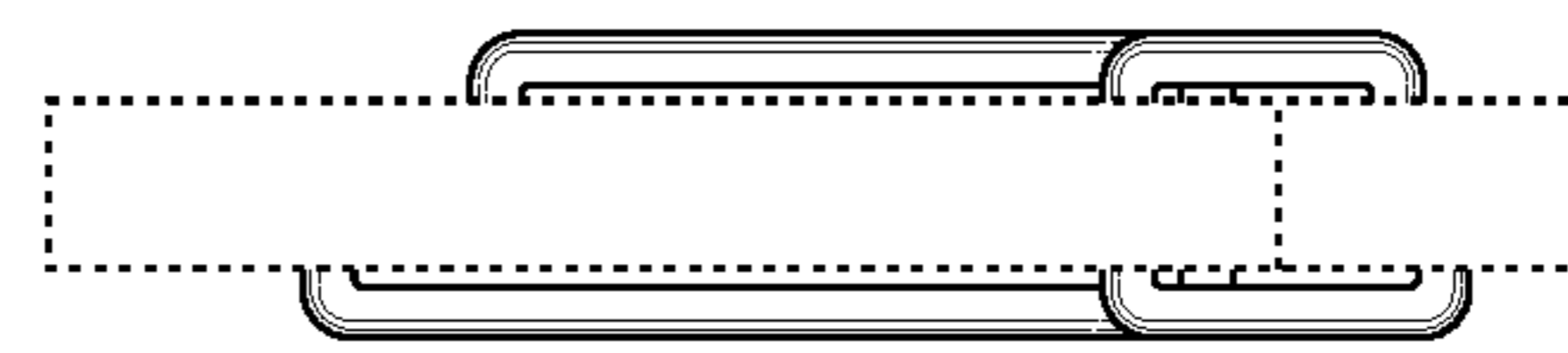


FIG. 4



FIG. 5

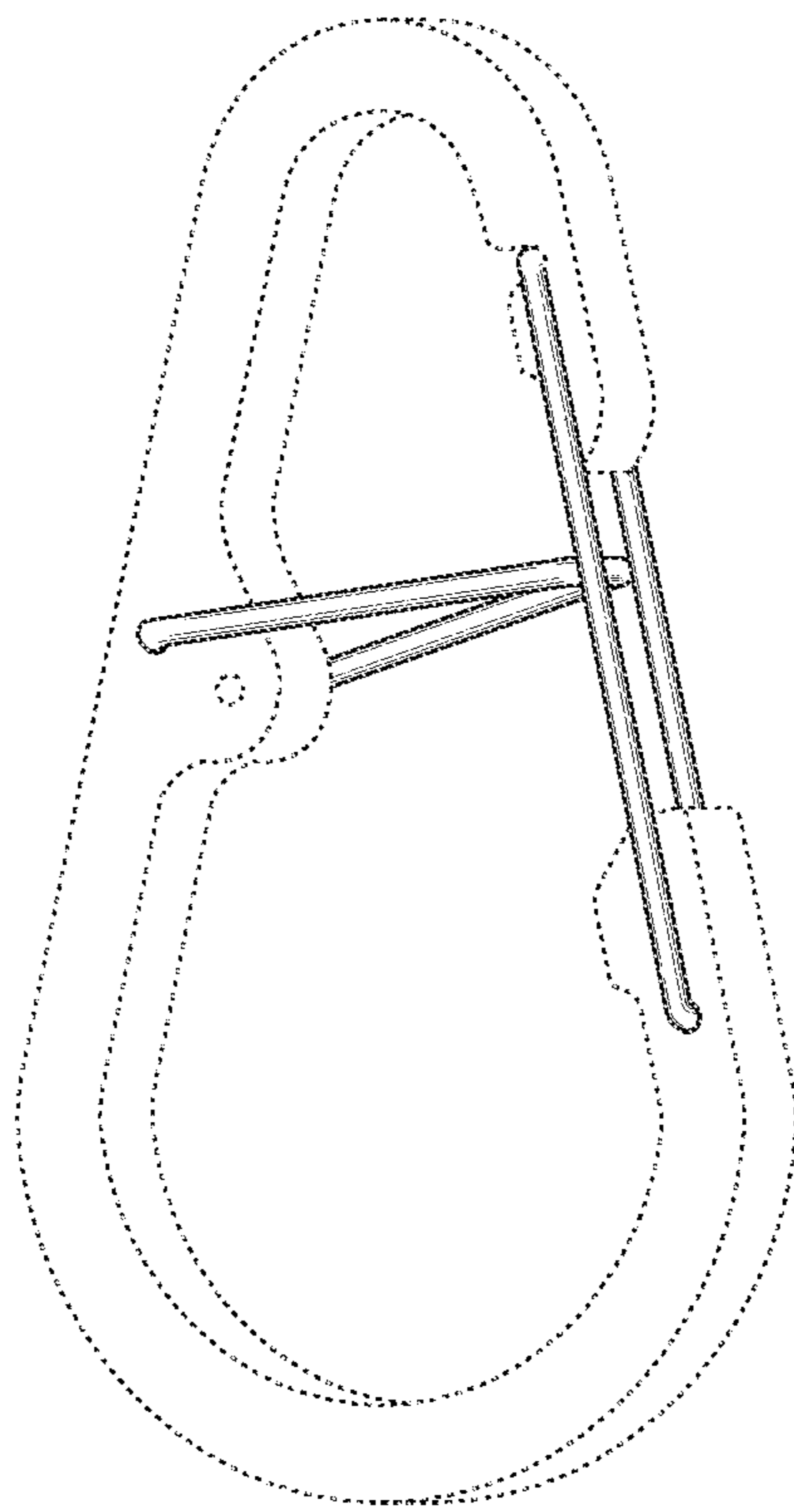


FIG. 8

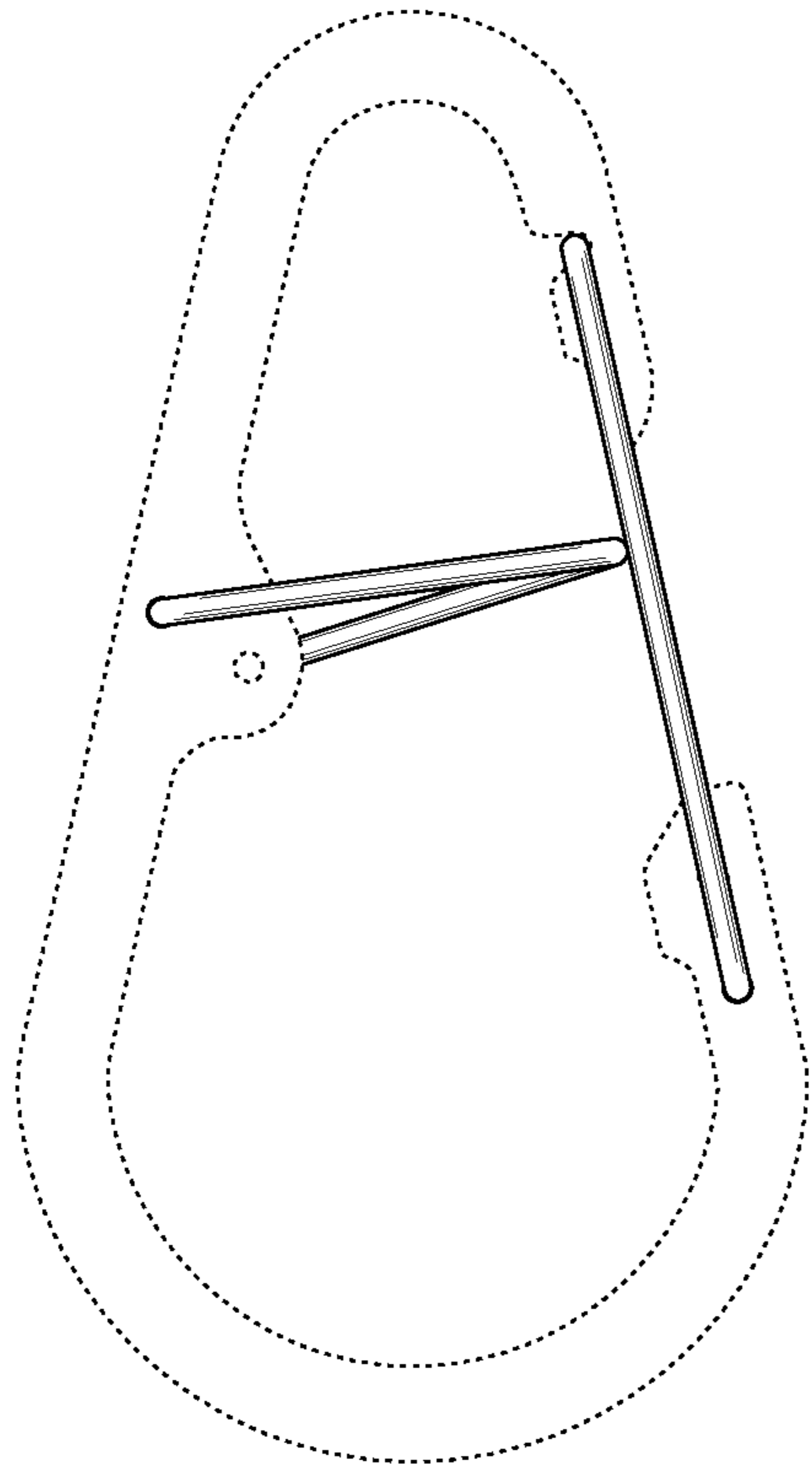


FIG. 9

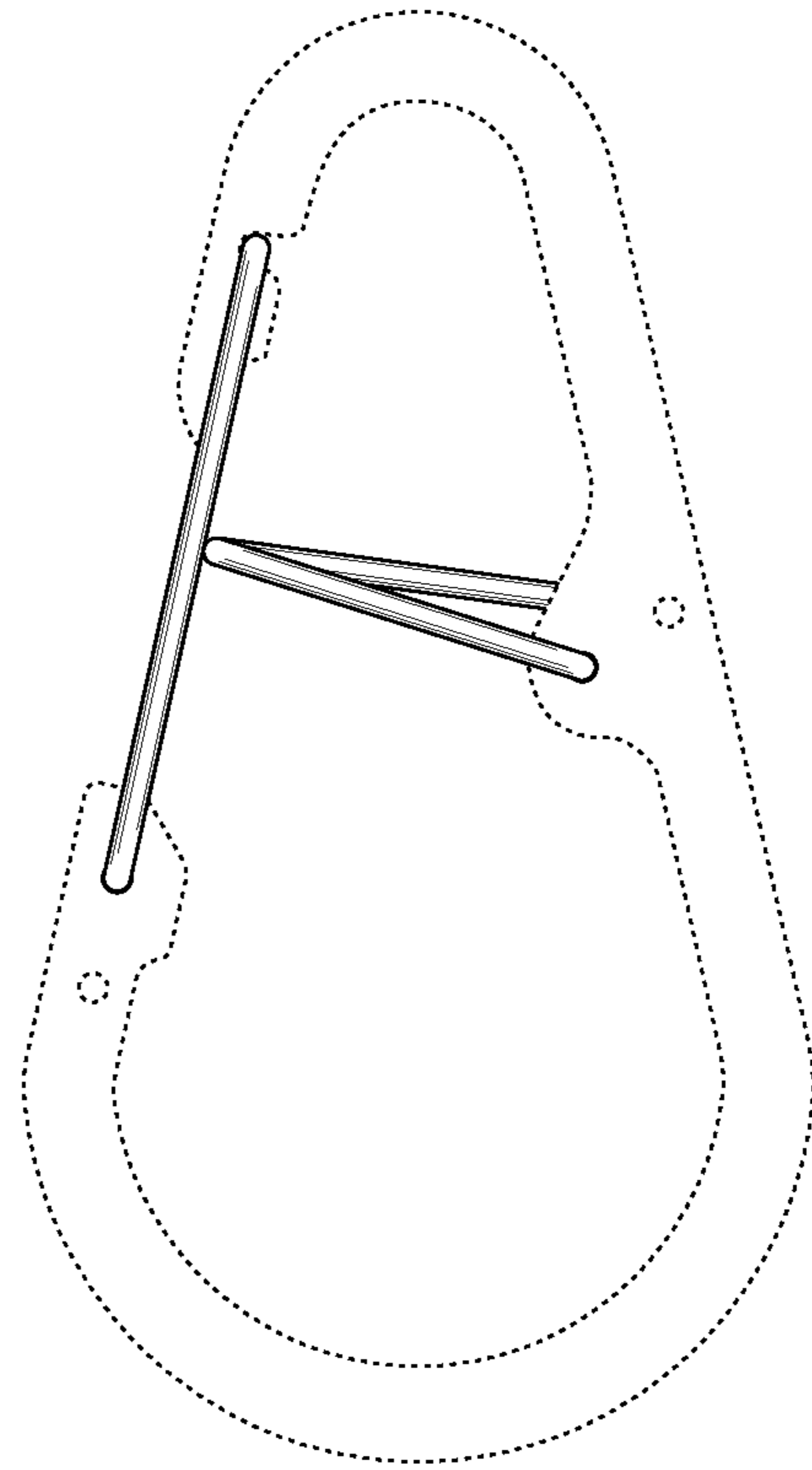


FIG. 10

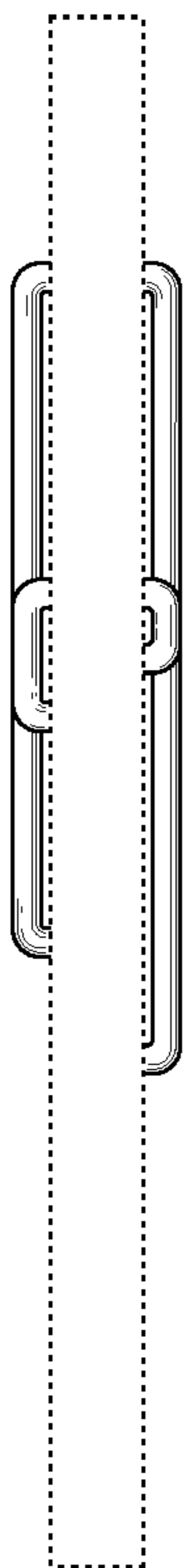


FIG. 13

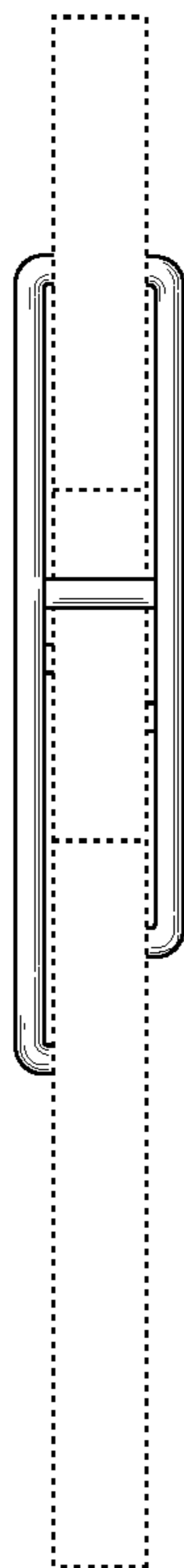


FIG. 14

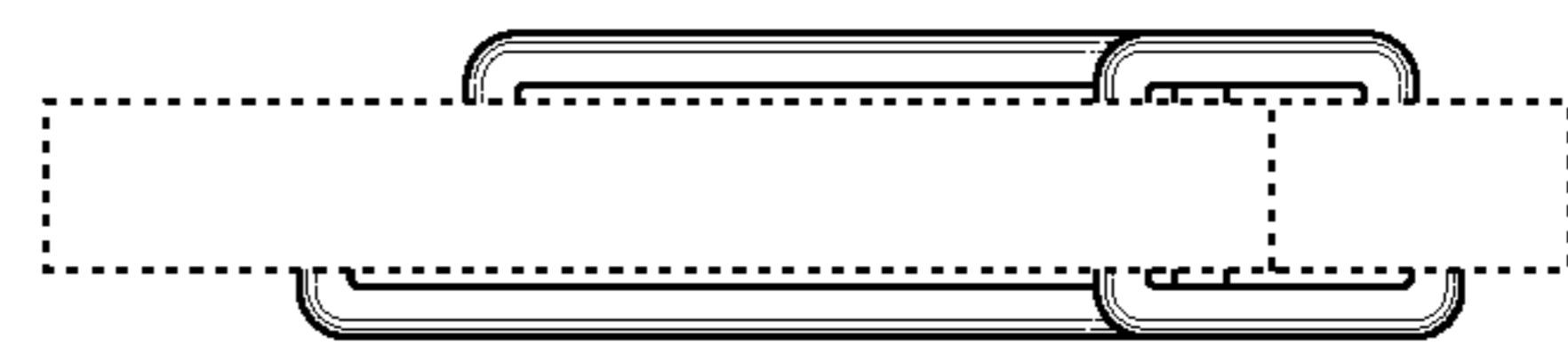


FIG. 11

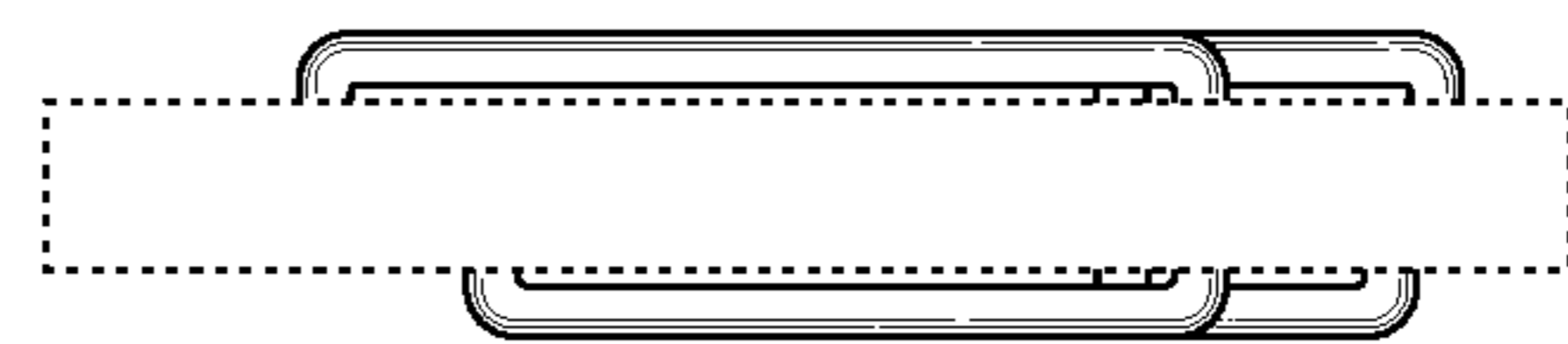


FIG. 12