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

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(54) **TENSION DEVICE**

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(73) Assignee: **Cinchy, Inc.**, Rockport, MA (US)

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

(21) Appl. No.: **29/765,484**

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(51) **LOC (13) Cl.** ..... **08-05**

(52) **U.S. Cl.**  
USPC ..... **D8/44**

(58) **Field of Classification Search**  
USPC ..... D8/14, 44, 51  
CPC ..... B25B 25/00; B21F 9/00; B60P 7/0823;  
B60P 7/083; B60P 7/0846; Y10T 24/21;  
Y10T 24/2117

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

3,377,044	A	4/1968	Jackson et al.	
D570,658	S *	6/2008	Degen	D8/44
D593,385	S *	6/2009	Wang	D8/44
7,832,710	B2	11/2010	Pelliccioni	
8,091,182	B2	1/2012	Hammerslag et al.	
8,141,212	B2	3/2012	Fontaine et al.	
8,651,509	B1	2/2014	Huang	
8,684,390	B1	4/2014	Barrette	
8,905,379	B2	12/2014	Huang	
9,862,300	B1 *	1/2018	Anderson	B60P 7/0846
D813,630	S *	3/2018	Underwood	D8/44
10,107,381	B2	10/2018	Niu	
D867,109	S	11/2019	Piskur et al.	
10,583,770	B2	3/2020	Tolly et al.	
10,710,840	B1 *	7/2020	Williams	B65H 75/425
10,723,255	B2	7/2020	Plahuta	

11,046,234	B2	6/2021	Ziegler	
2009/0047091	A1 *	2/2009	Huck	B60P 7/083 24/68 CD
2010/0242233	A1 *	9/2010	Wolner	A62B 35/0031 24/197
2010/0275417	A1 *	11/2010	Yang	F16G 11/12 24/115 L

(Continued)

**OTHER PUBLICATIONS**

International Search Report and Written Opinion dated Oct. 26, 2021 for Application No. PCT/US21/41782, 12 pages.

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(57) **CLAIM**

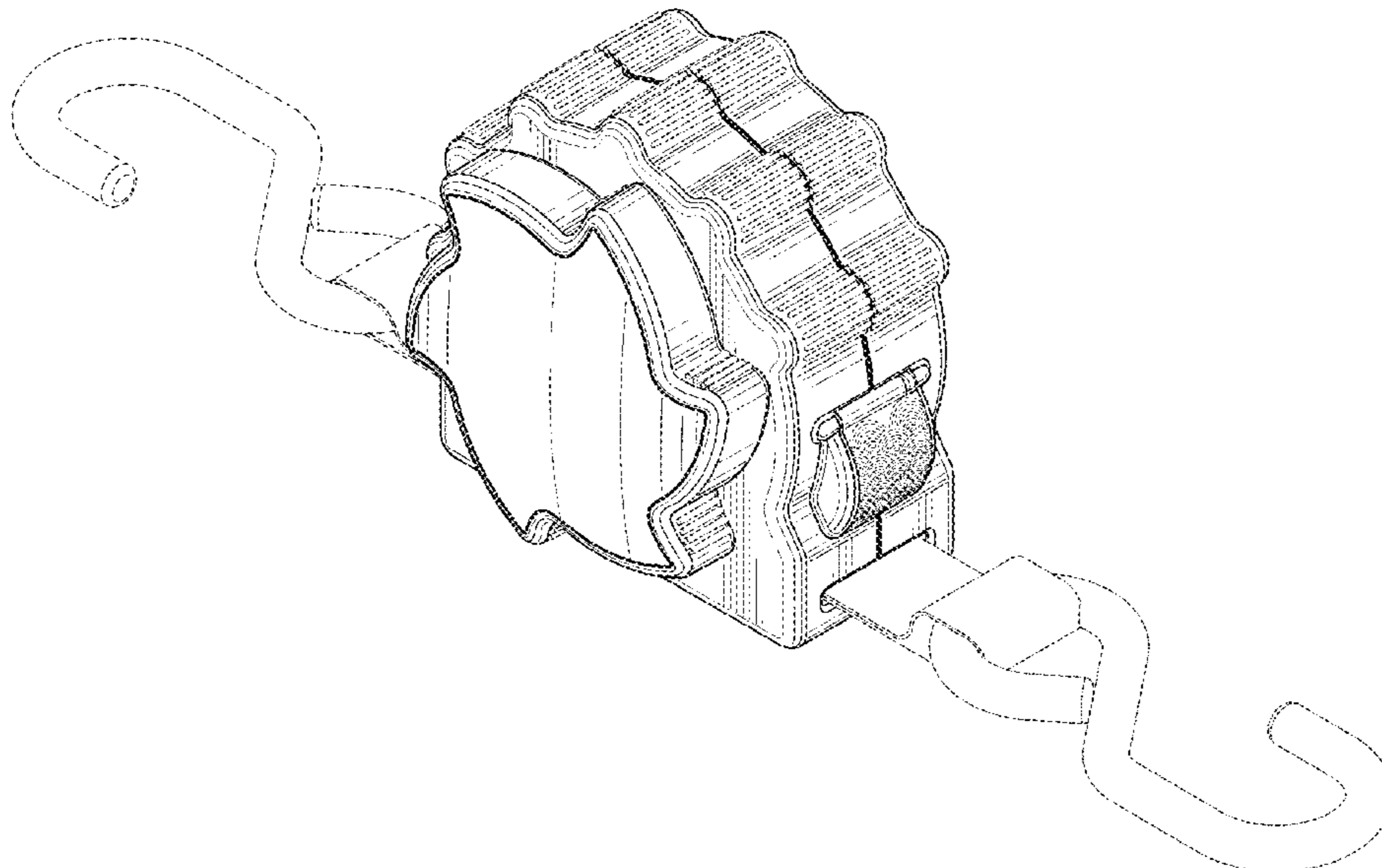
The ornamental design for a tension device, as shown and described.

**DESCRIPTION**

FIG. 1 is a front perspective view of a tension device, showing my new design;  
FIG. 2 is a rear perspective view of the tension device of FIG. 1;  
FIG. 3 is a front elevational view of the tension device of FIG. 1;  
FIG. 4 is a rear elevational view of the tension device of FIG. 1;  
FIG. 5 is a right elevational view of the tension device of FIG. 1;  
FIG. 6 is a left elevational view of the tension device of FIG. 1;  
FIG. 7 is a top plan view of the tension device of FIG. 1; and,  
FIG. 8 is a bottom plan view of the tension device of FIG. 1.

The broken lines shown in the drawings represent features of the tension device that form no part of the claimed design.

**1 Claim, 5 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

2012/0233824 A1\* 9/2012 Breeden ..... B60P 7/0823  
24/68 CD  
2016/0250961 A1\* 9/2016 Tolly ..... B65D 90/0053  
410/100  
2018/0326892 A1\* 11/2018 Plahuta ..... B60P 7/0823  
2020/0231083 A1\* 7/2020 Shrewsbury ..... B65H 75/4492  
2020/0339029 A1\* 10/2020 Chen ..... B60P 7/083  
2021/0170937 A1\* 6/2021 Chen ..... B60P 7/0846

\* cited by examiner

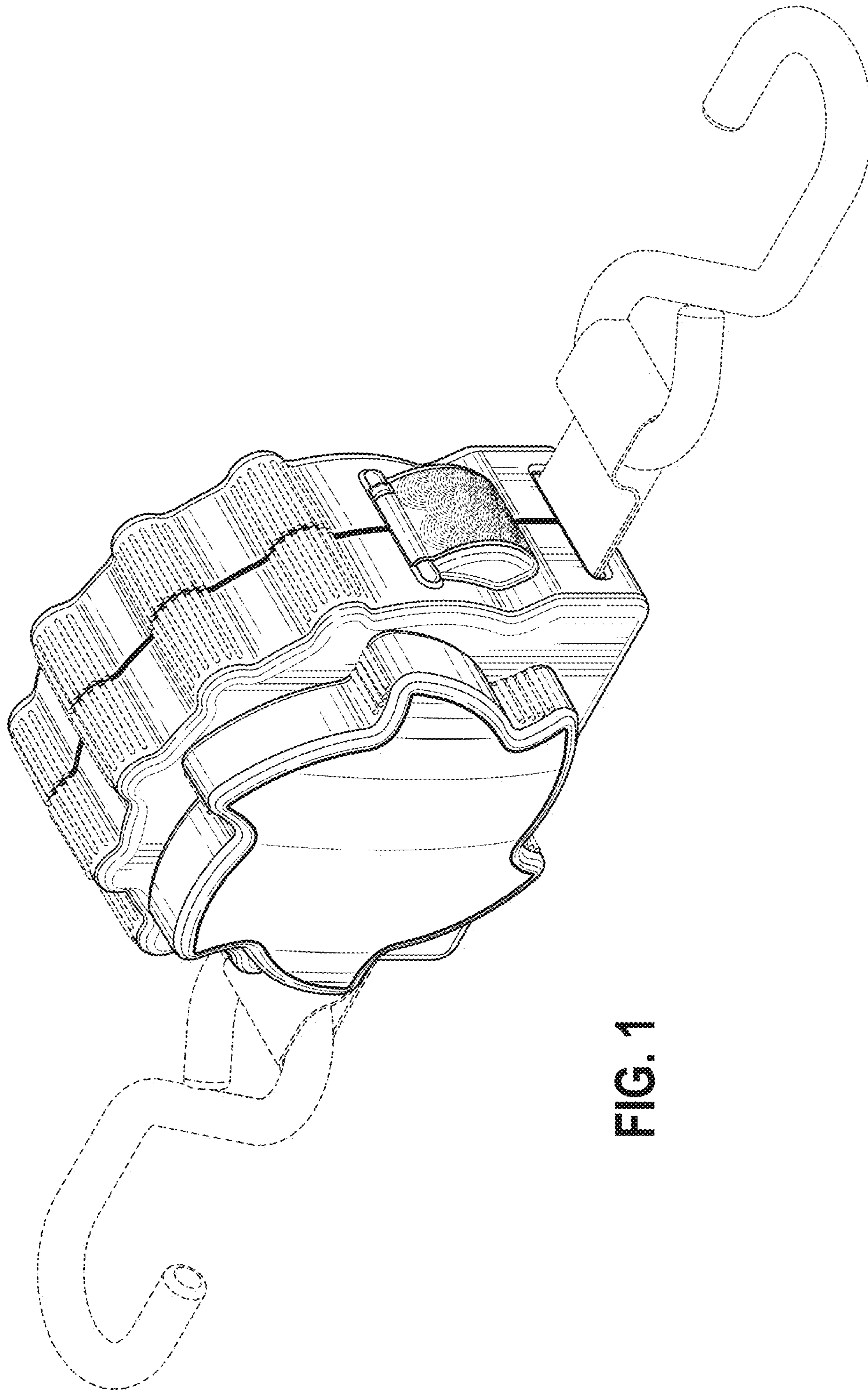


FIG. 1

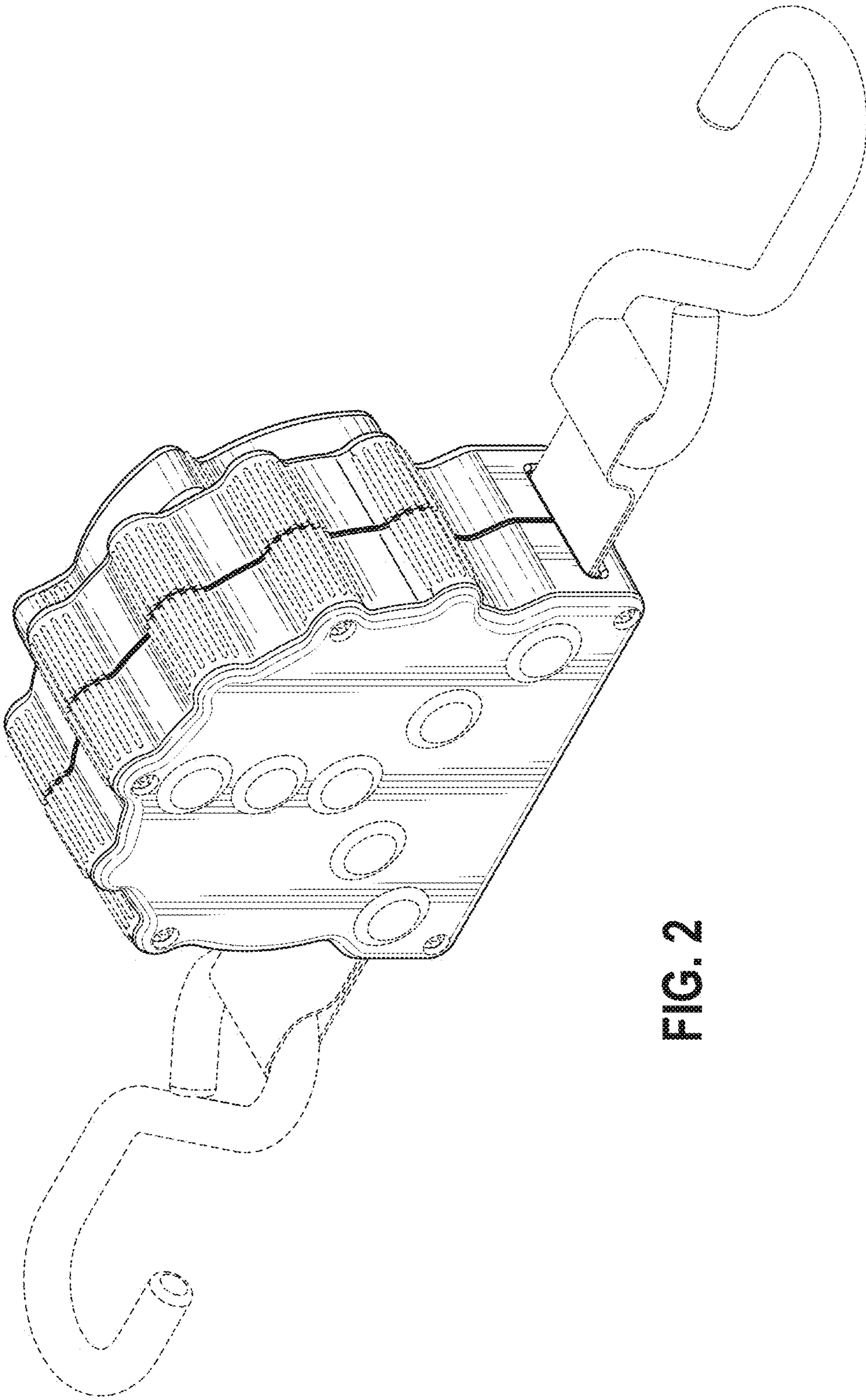


FIG. 2

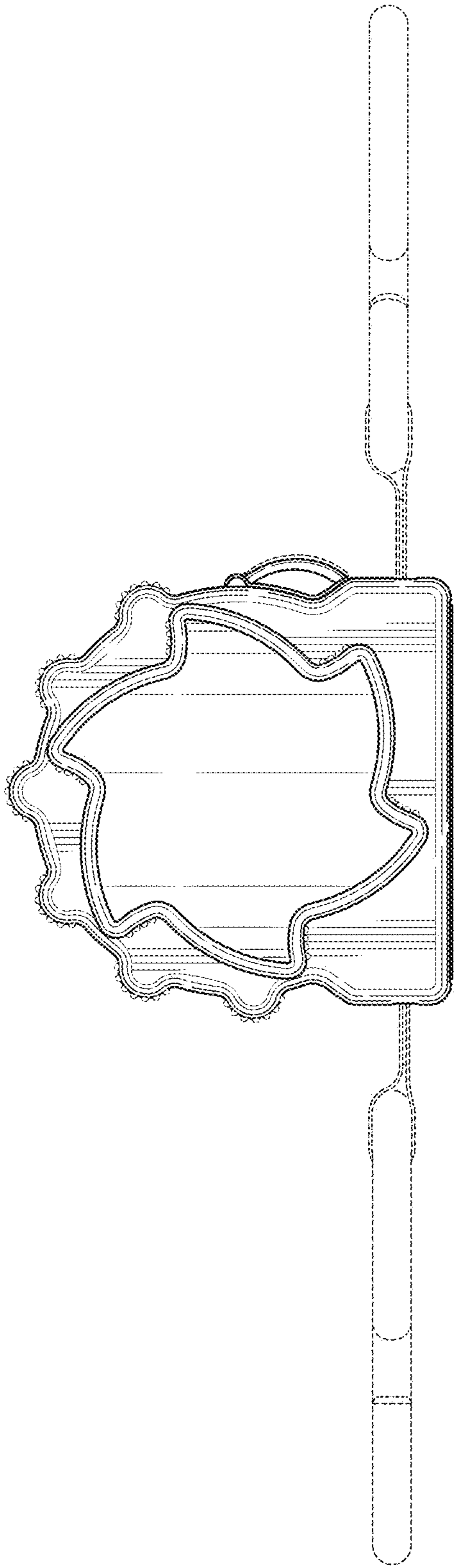


FIG. 3

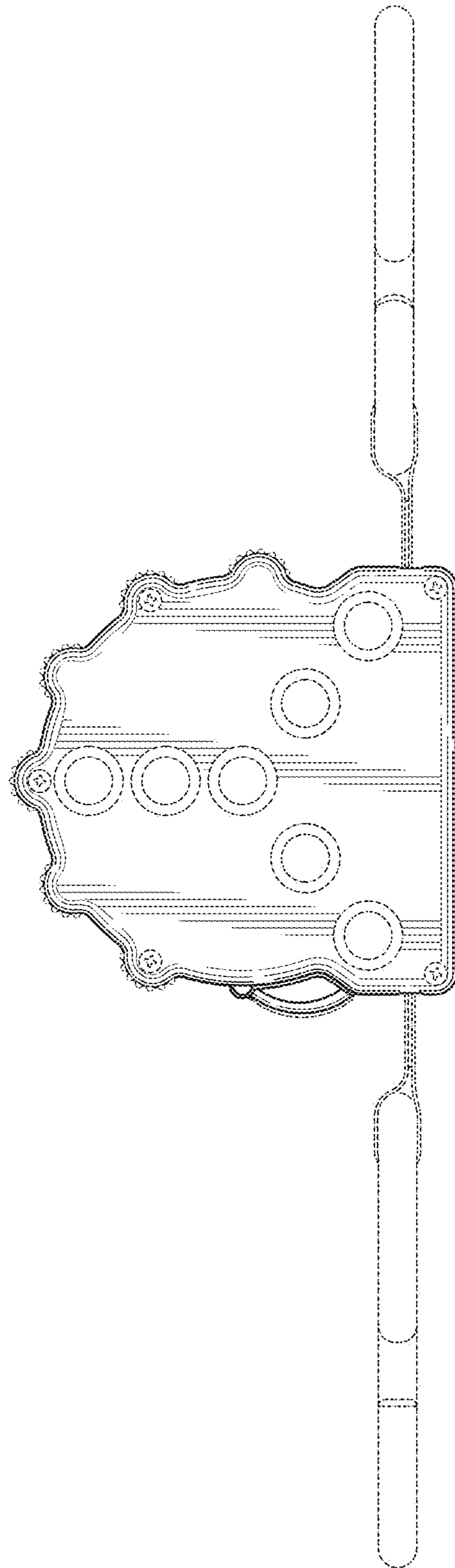


FIG. 4

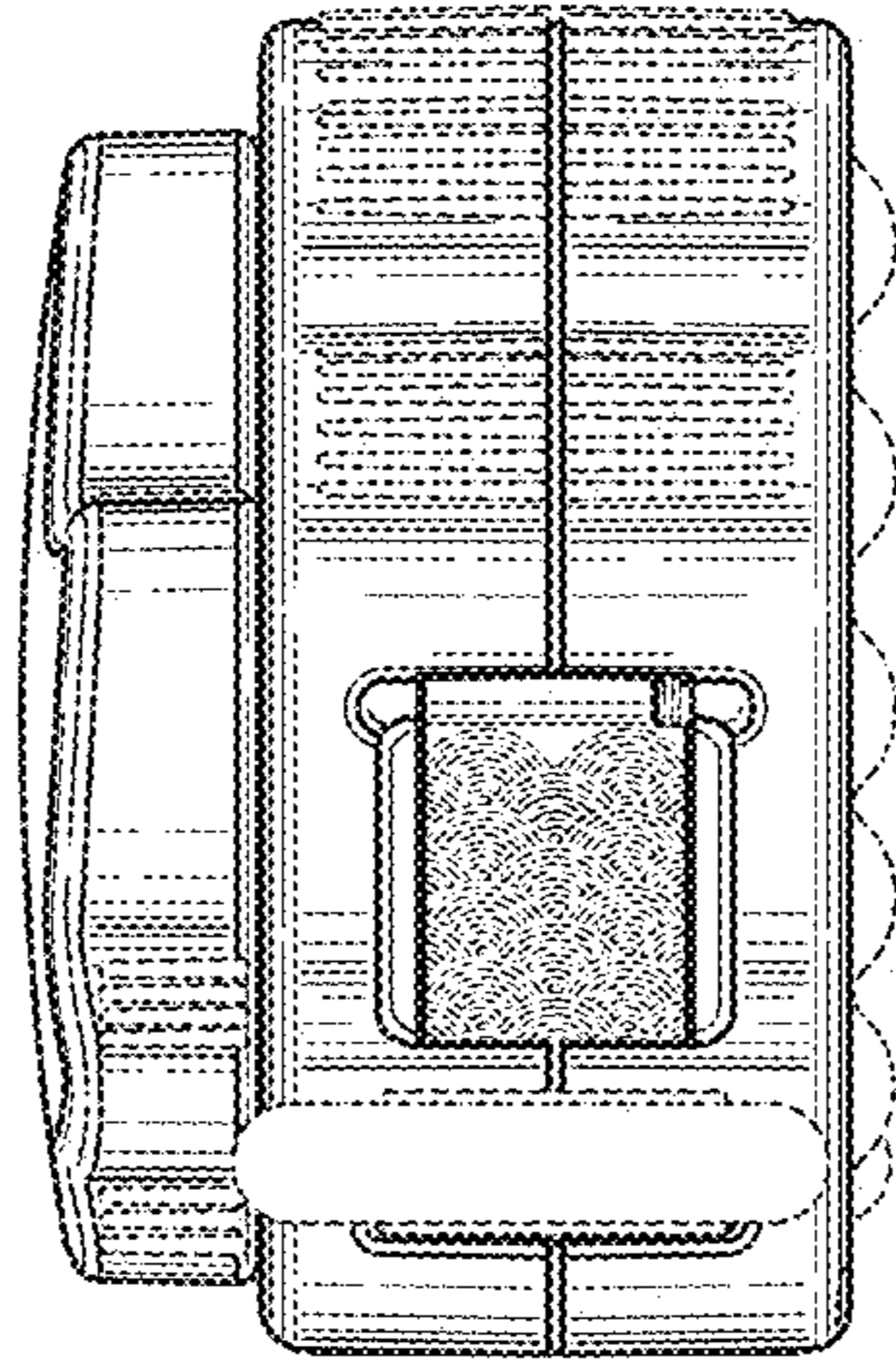


FIG. 5

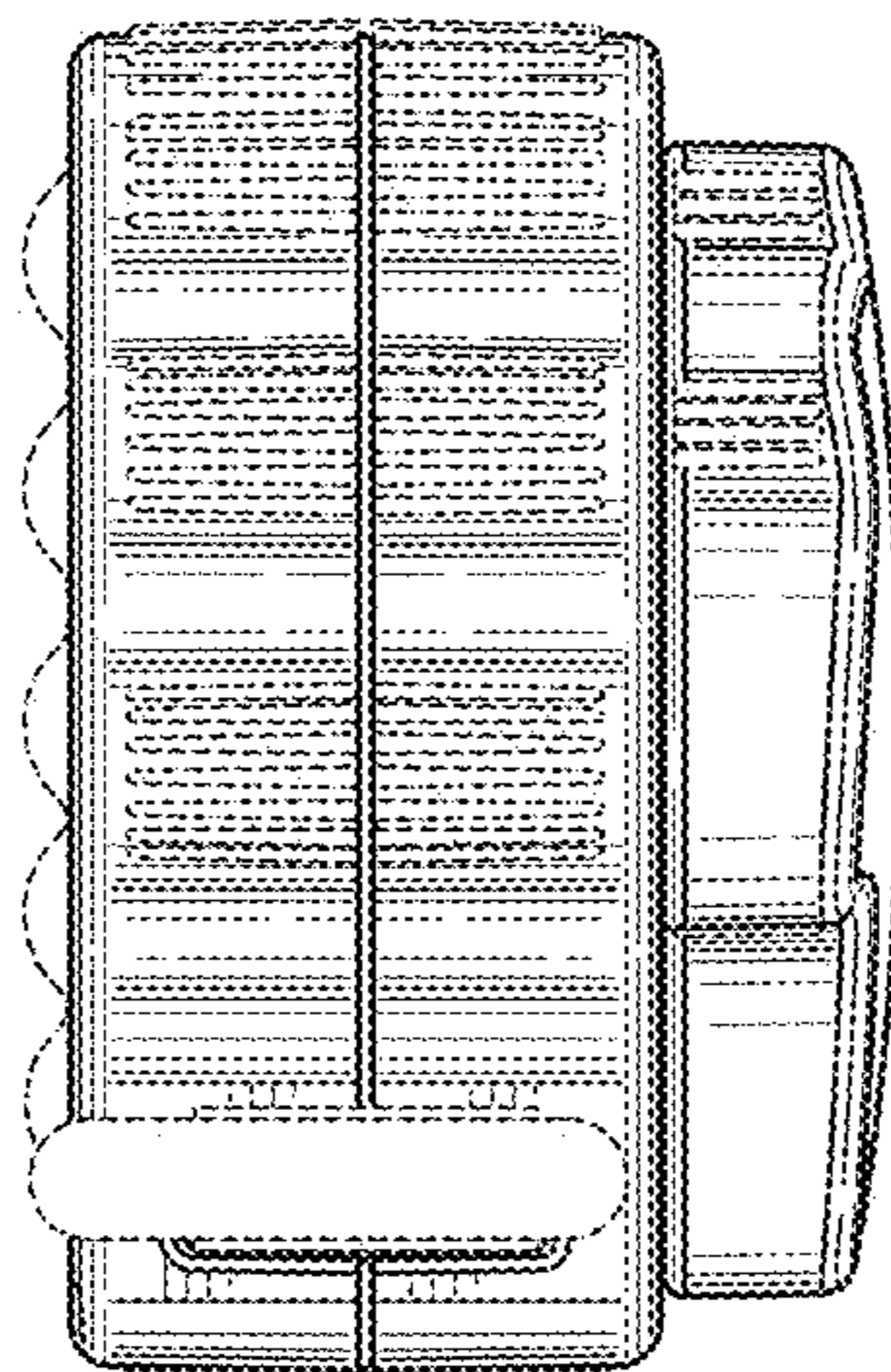


FIG. 6

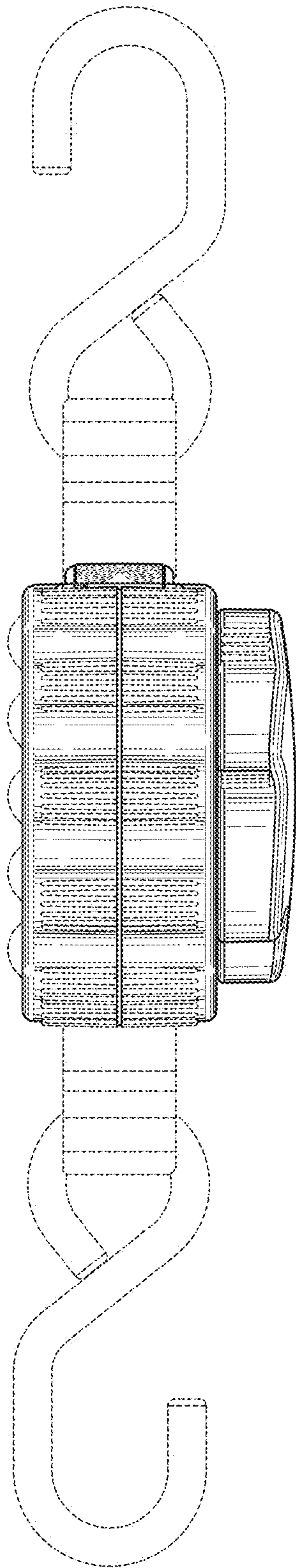


FIG. 7

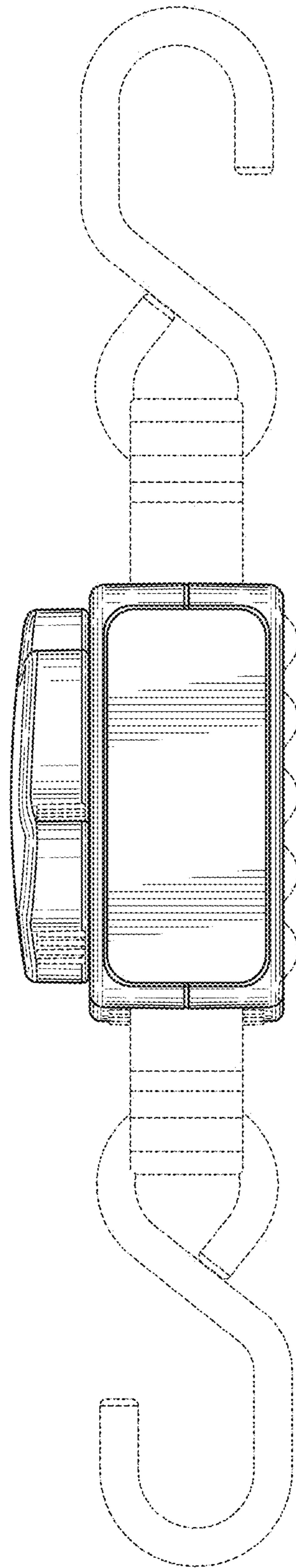


FIG. 8