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(12) **United States Design Patent**
Underwood et al.

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(54) **LANE LINE TENSIONING APPARATUS**

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

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(51) **LOC (11) Cl.** **08-05**

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

(58) **Field of Classification Search**
USPC D8/14, 44, 51
CPC B25B 25/00; B60P 3/079; B60P 7/083;
B60P 7/0846; B65B 13/025
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

4,542,883	A	9/1985	Rutzki
4,682,760	A	7/1987	Baumgarten
4,961,544	A	10/1990	Bidoia
5,101,735	A	4/1992	Williams
5,201,236	A	4/1993	Nagano
5,271,606	A	12/1993	Kämper
5,489,011	A	2/1996	Reed, Jr. et al.
6,007,053	A	12/1999	Huang
6,193,621	B1	2/2001	McClosky
6,279,415	B1	8/2001	Chance et al.
6,289,558	B1	9/2001	Hammerslag
6,439,552	B1	8/2002	Ageishi et al.

6,477,915	B1	11/2002	Etxebarrena Allende
6,524,041	B1	2/2003	Voiculescu
6,547,218	B2	4/2003	Landy
6,654,987	B1 *	12/2003	Wu B60P 7/083 24/68 CD
D489,246	S *	5/2004	Bolieu D8/367
D527,606	S *	9/2006	Jackson D8/107
7,360,753	B1 *	4/2008	Lin B25B 25/00 24/69 ST
7,712,193	B2	5/2010	Mohtasham et al.
D642,031	S *	7/2011	Pehar D8/44
7,992,261	B2	8/2011	Hammerslag et al.
8,032,993	B2	10/2011	Musal
8,091,182	B2	1/2012	Hammerslag et al.
8,370,997	B2	2/2013	Wright

(Continued)

FOREIGN PATENT DOCUMENTS

EP	0260980	A2	3/1988
EP	1669268	A1	6/2006

(Continued)

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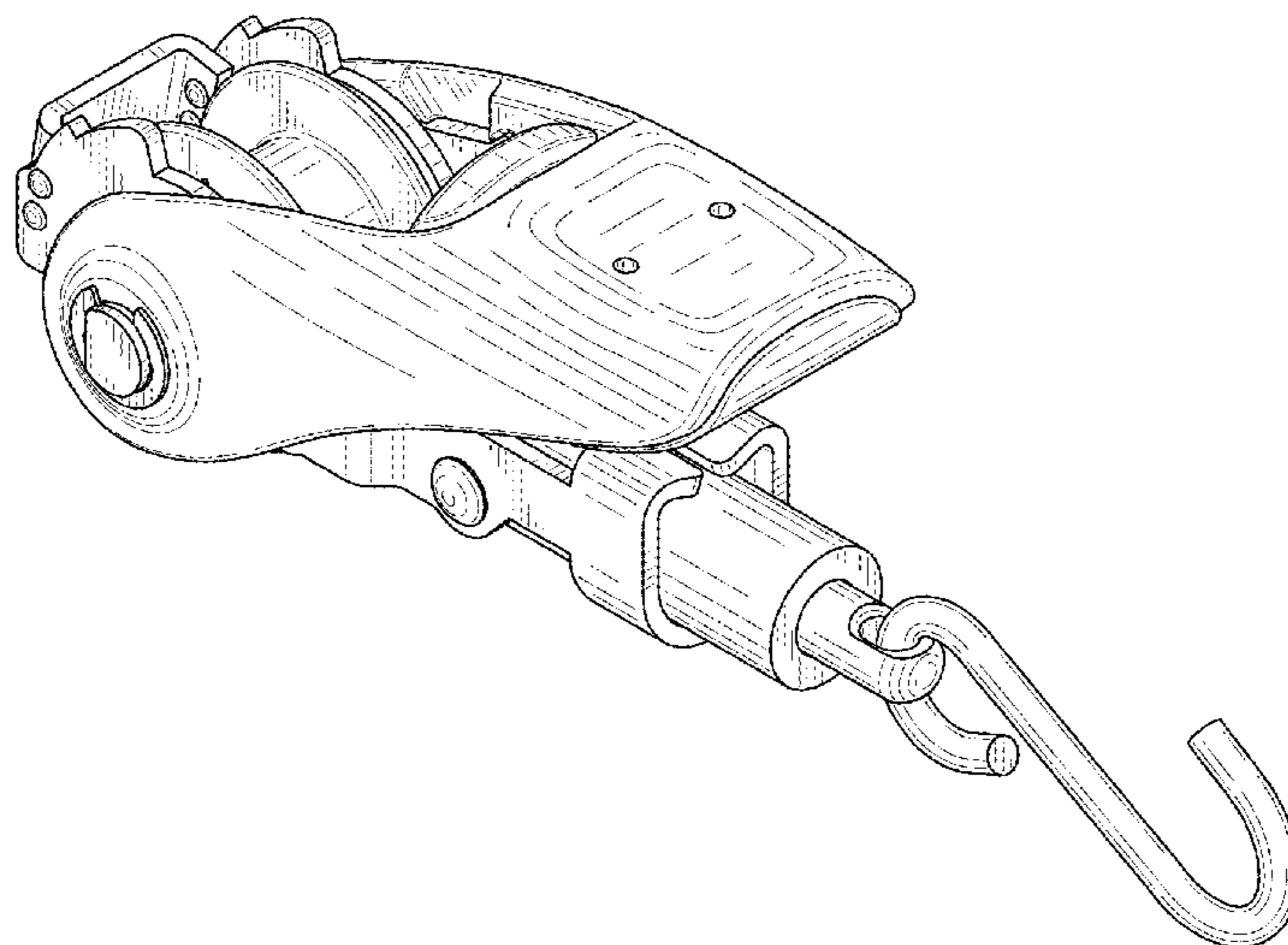
(57) **CLAIM**

The ornamental design for the lane line tensioning apparatus, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of an embodiment of the lane line tensioning apparatus;
FIG. 2 is a bottom perspective view thereof;
FIG. 3 is a rear elevation view thereof,
FIG. 4 is a front elevation view thereof;
FIG. 5 is a left elevation view thereof;
FIG. 6 is a right elevation view thereof;
FIG. 7 is top plan view thereof; and,
FIG. 8 is a bottom plan view thereof.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

8,458,859 B2 6/2013 Degen
8,516,662 B2 8/2013 Goodman et al.
8,806,952 B1 8/2014 Glass
9,162,605 B2 10/2015 Durand
9,227,551 B2 1/2016 Yang
9,254,779 B2 2/2016 Kingery
2009/0047091 A1* 2/2009 Huck B60P 7/083
410/100
2009/0279978 A1* 11/2009 Polin, Jr. B65D 63/16
410/100
2009/0314122 A1 12/2009 Youn et al.
2011/0089284 A1 4/2011 Bartolone
2012/0205601 A1* 8/2012 Joubert B60P 7/083
254/217
2013/0111716 A1 5/2013 Squires et al.

FOREIGN PATENT DOCUMENTS

EP 1989066 B1 7/2009
EP 2647533 A2 10/2013

* cited by examiner

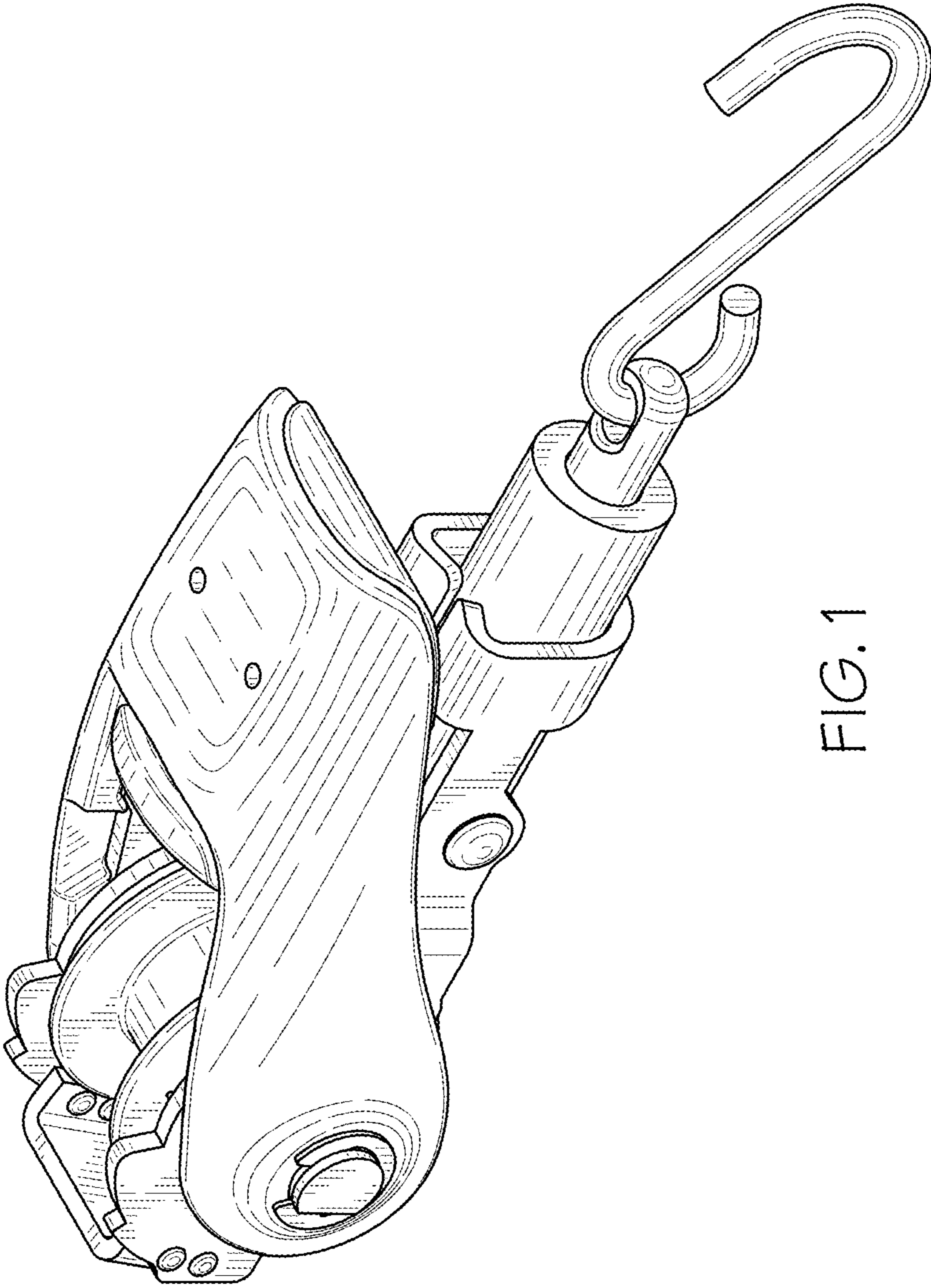


FIG. 1

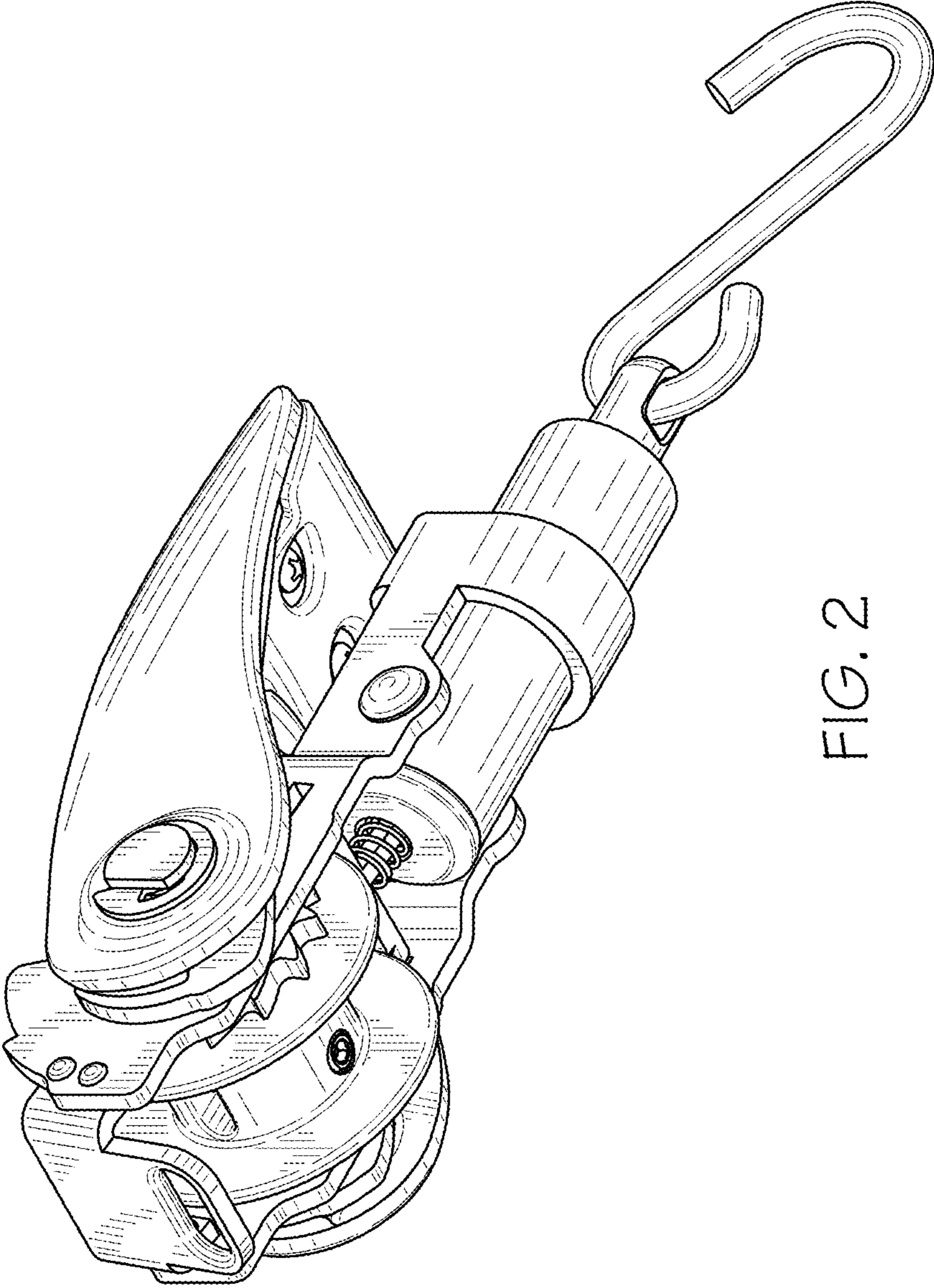


FIG. 2

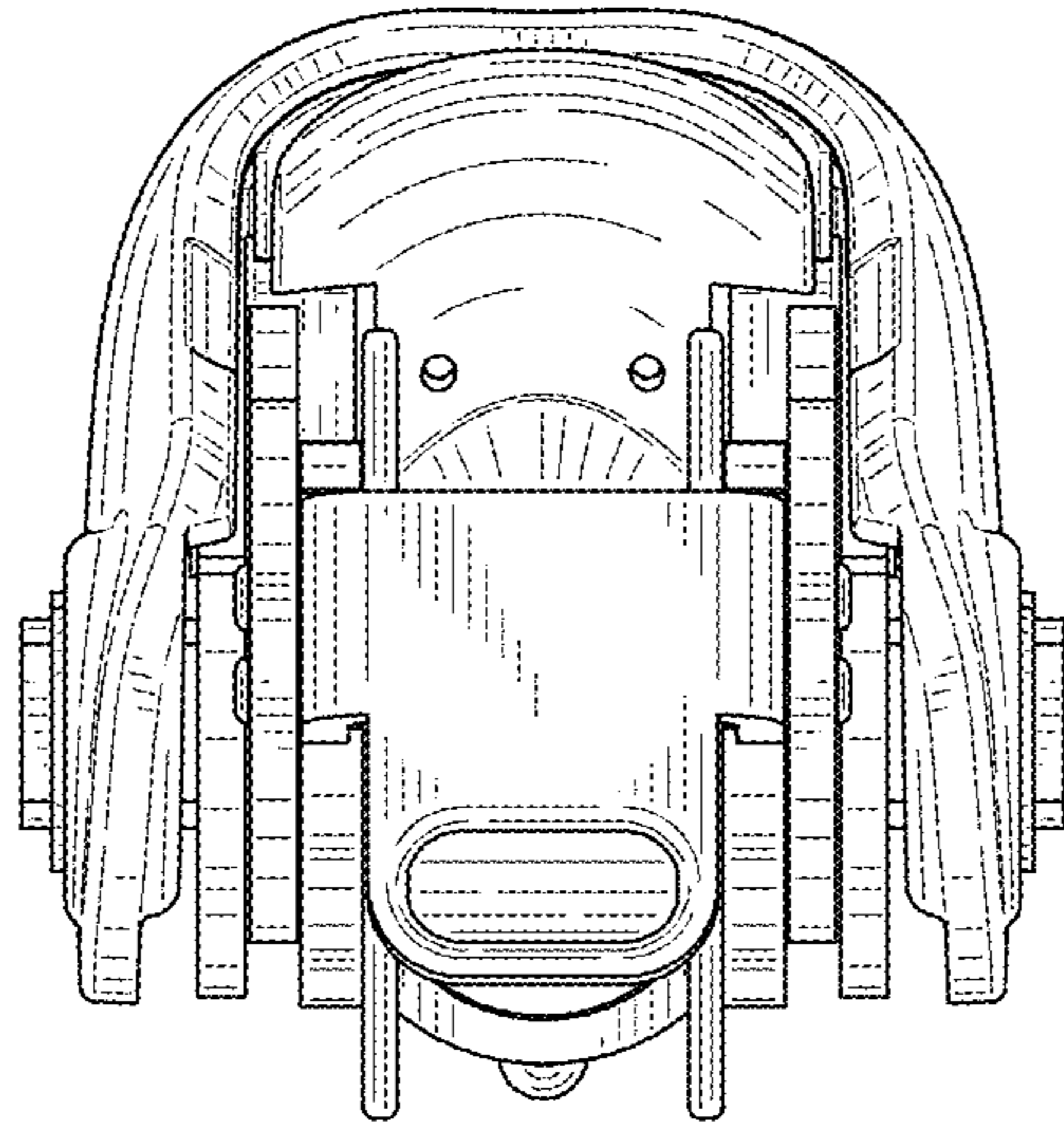


FIG. 3

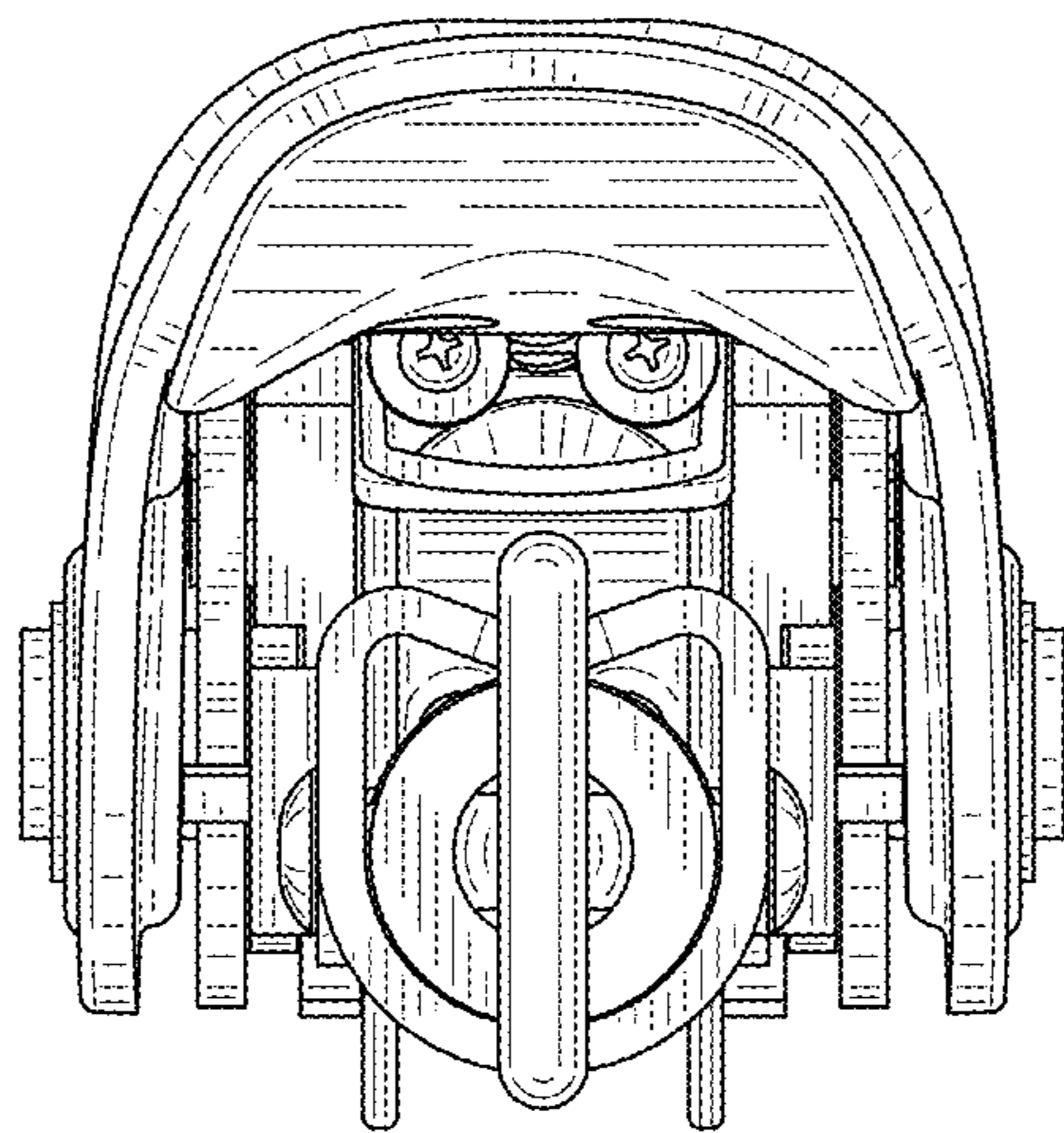


FIG. 4

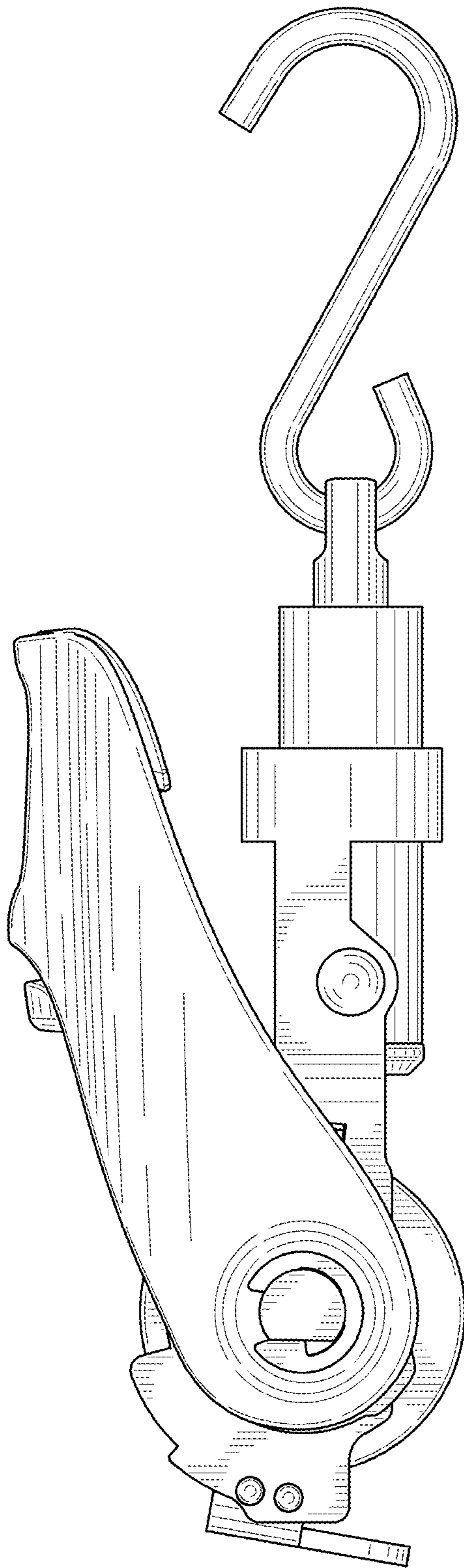


FIG. 5

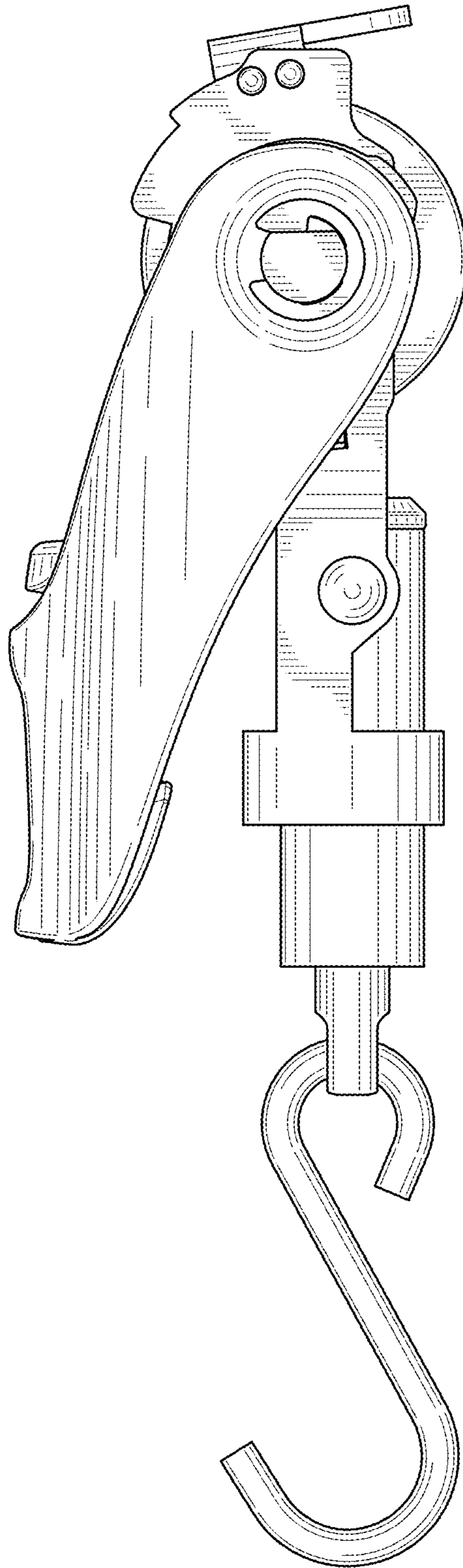


FIG. 6

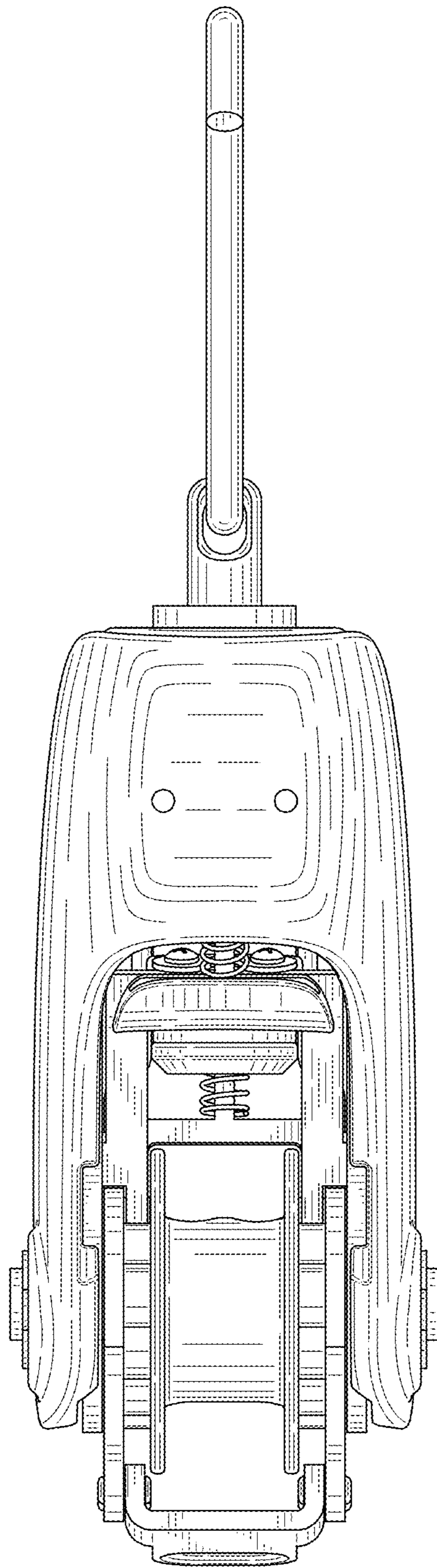


FIG. 7

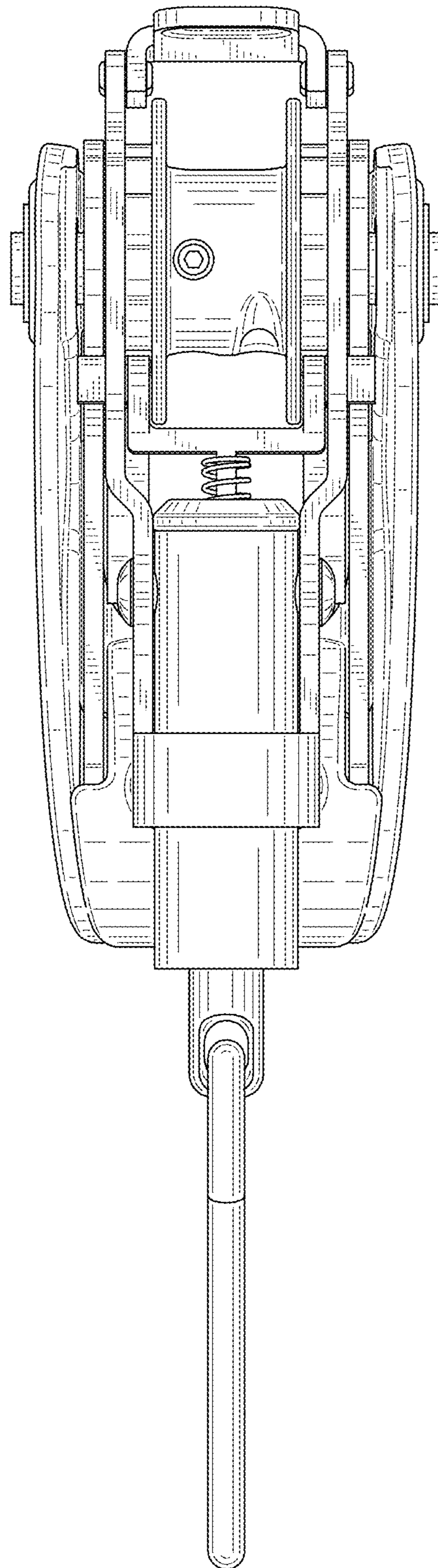


FIG. 8