



US00D879219S

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

(10) **Patent No.:** **US D879,219 S**

(45) **Date of Patent:** **\*\* Mar. 24, 2020**

(54) **APPARATUS FOR DEVELOPING MUSCLES**

(71) Applicant: **Shenzhen Putai Ecommerce Co., Ltd.**,  
Shenzhen (CN)

(72) Inventor: **Junchao Chen**, Shenzhen (CN)

(73) Assignee: **Shenzhen Putai Ecommerce Co., Ltd.**,  
Shenzhen (CN)

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

(21) Appl. No.: **29/663,254**

(22) Filed: **Sep. 13, 2018**

(51) **LOC (12) Cl.** ..... **21-02**

(52) **U.S. Cl.**  
USPC ..... **D21/692; D21/693**

(58) **Field of Classification Search**  
USPC ..... 482/91, 92, 121, 122, 125, 126;  
D21/662, 684, 688, 692, 693  
CPC ... A63B 21/0442; A63B 21/055; A63B 23/16;  
A63B 21/023  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

D242,936 S *	1/1977	Docic .....	D21/693
D263,328 S *	3/1982	Cooper .....	D21/693
4,406,453 A *	9/1983	Herzfeld .....	A63B 21/0004 482/126
D288,460 S *	2/1987	Hsu .....	D21/693
D300,338 S *	3/1989	Kunio .....	D21/684
4,852,874 A *	8/1989	Sleichter, III .....	A63B 21/0004 482/122
D305,678 S *	1/1990	Kunio .....	D21/684
5,031,906 A *	7/1991	Jang, Sr. ....	A63B 21/0004 482/125
D330,739 S *	11/1992	Yang .....	D21/693
D352,079 S *	11/1994	Kang .....	D21/692
5,547,446 A *	8/1996	Szabo .....	A63B 21/0004 482/121
5,569,125 A *	10/1996	Clementi .....	A63B 21/045 482/126

5,885,196 A *	3/1999	Gvoich .....	A63B 21/0004 482/122
6,390,959 B1 *	5/2002	Tornabene .....	A63B 21/00043 482/122
D464,095 S *	10/2002	Yu .....	D21/662
D508,097 S *	8/2005	Perez .....	D21/662
D516,638 S *	3/2006	Felberg .....	D21/662

(Continued)

**OTHER PUBLICATIONS**

Amazon, "GoFitness\_Bar" Feb. 28, 2019. [\*Primary Examiner\* — Cynthia Ramirez  
\*Assistant Examiner\* — Michael A Maharajh  
\(74\) \*Attorney, Agent, or Firm\* — Dicke, Billig & Czaja, PLLC](https://www.amazon.com/dp/B07MG3DF1R/ref=sspa_dk_detail_0?psc=1&pd_rd_i=B07MG3DF1R&pd_rd_w=9rIp9&pf_rd_p=45a72588-80f7-4414-9851-786f6c16d42b&pd_rd_wg=ZWqee&pf_rd_r=69AM2P6VST7TK9BS3ST1&pd_rd_r=bc044950-6dac-493d-8947-6b7c50742202&spLa=ZW5jcnlwdGVkUXVhbGlmaWVyPU(Year: 2019).*</a></p></div>
<div data-bbox=)

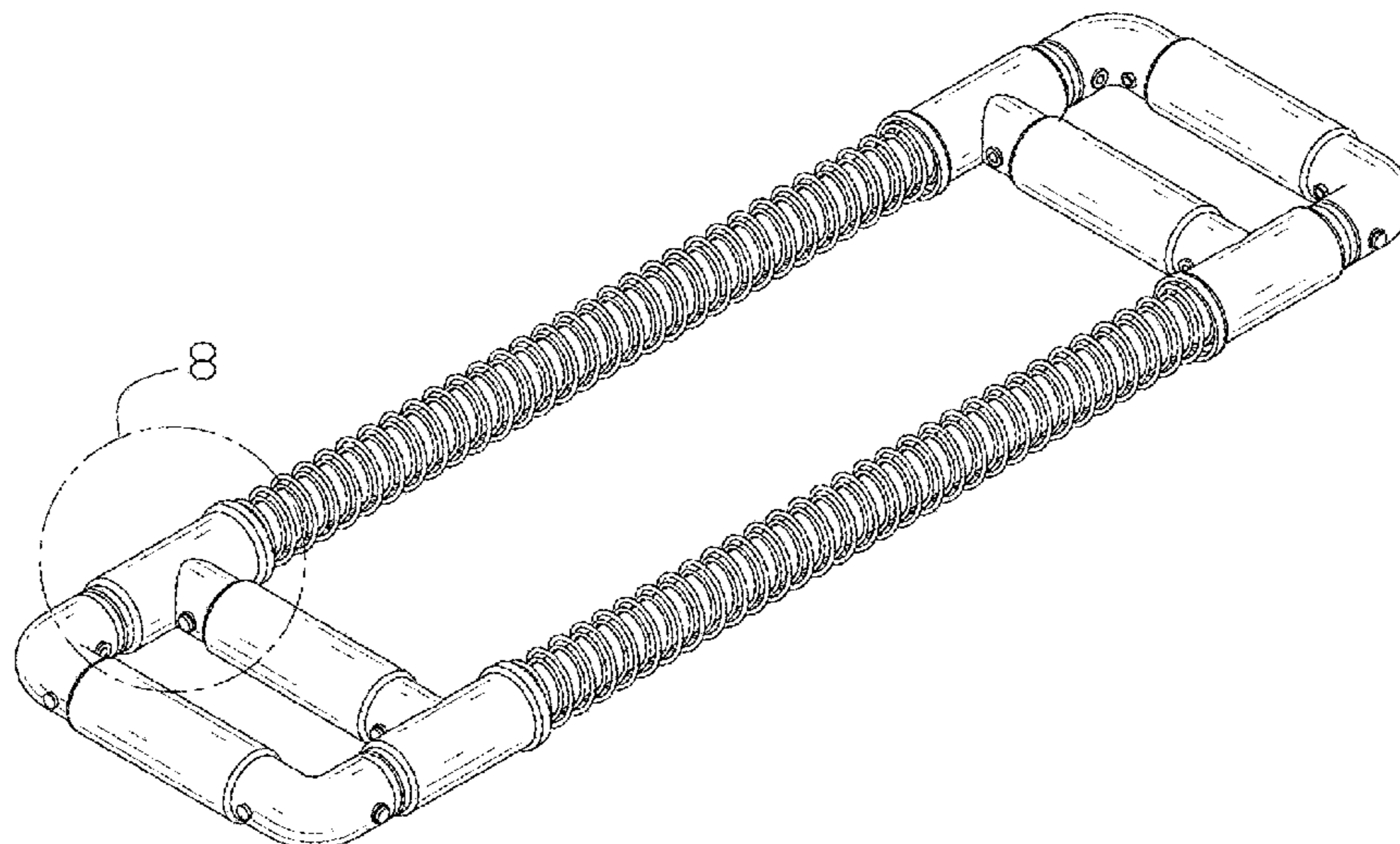
(57) **CLAIM**

The ornamental design for an apparatus for developing muscles, as shown and described.

**DESCRIPTION**

FIG. 1 is a top perspective view of an apparatus for developing muscles showing my new design; FIG. 2 is a top plan view thereof; FIG. 3 is a bottom plan view thereof; FIG. 4 is a left side elevational view thereof; FIG. 5 is a right side elevational view thereof; FIG. 6 is a front elevational view thereof; FIG. 7 is a rear elevational view thereof; and, FIG. 8 is an enlarged view of the portion shown in FIG. 1. The broken line circles in the drawings are for the purposes of illustrating specific portions of the apparatus for developing muscles. The circles form no part of the claimed design.

**1 Claim, 8 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

7,192,390	B2 *	3/2007	Berard	.....	A63B 21/0004 482/121
7,377,886	B2 *	5/2008	Wu	.....	A63B 21/0004 482/121
8,602,951	B2 *	12/2013	Morris	.....	A63B 21/0004 403/202
8,876,678	B2 *	11/2014	Flentye	.....	A63B 21/0552 482/121
8,920,293	B1 *	12/2014	Rosaly	.....	A63B 21/0555 482/121
D864,319	S *	10/2019	Mantione, III	.....	D21/692
2006/0030463	A1 *	2/2006	Maloy	.....	A63B 23/1245 482/126
2006/0073954	A1 *	4/2006	Block	.....	A63B 21/0004 482/121
2006/0189459	A1 *	8/2006	Hsu	.....	A63B 21/0004 482/125
2006/0234844	A1 *	10/2006	Kates	.....	A63B 21/0004 482/140
2007/0207904	A1 *	9/2007	Wu	.....	A63B 21/0004 482/126
2011/0172067	A1 *	7/2011	Glauser	.....	A63B 21/0004 482/122
2011/0269607	A1 *	11/2011	Choi	.....	A63B 21/0004 482/126
2014/0221177	A1 *	8/2014	Reed	.....	A63B 21/00043 482/126
2016/0193490	A1 *	7/2016	Chen	.....	A63B 21/00061 482/126
2017/0209728	A1 *	7/2017	Lagree	.....	A63B 21/023
2019/0015696	A1 *	1/2019	Porterfield	.....	A63B 21/4049

\* cited by examiner

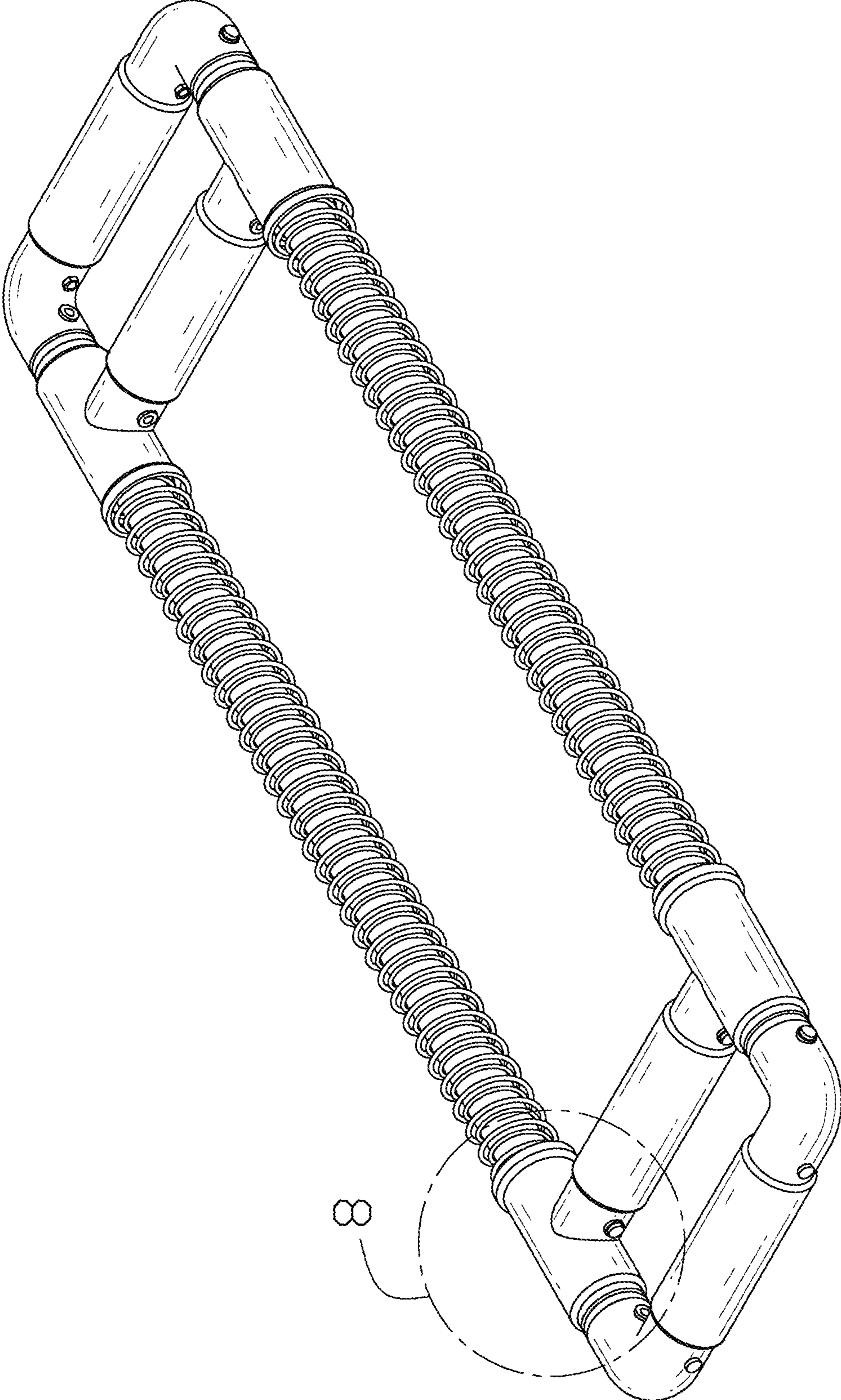


FIG. 1

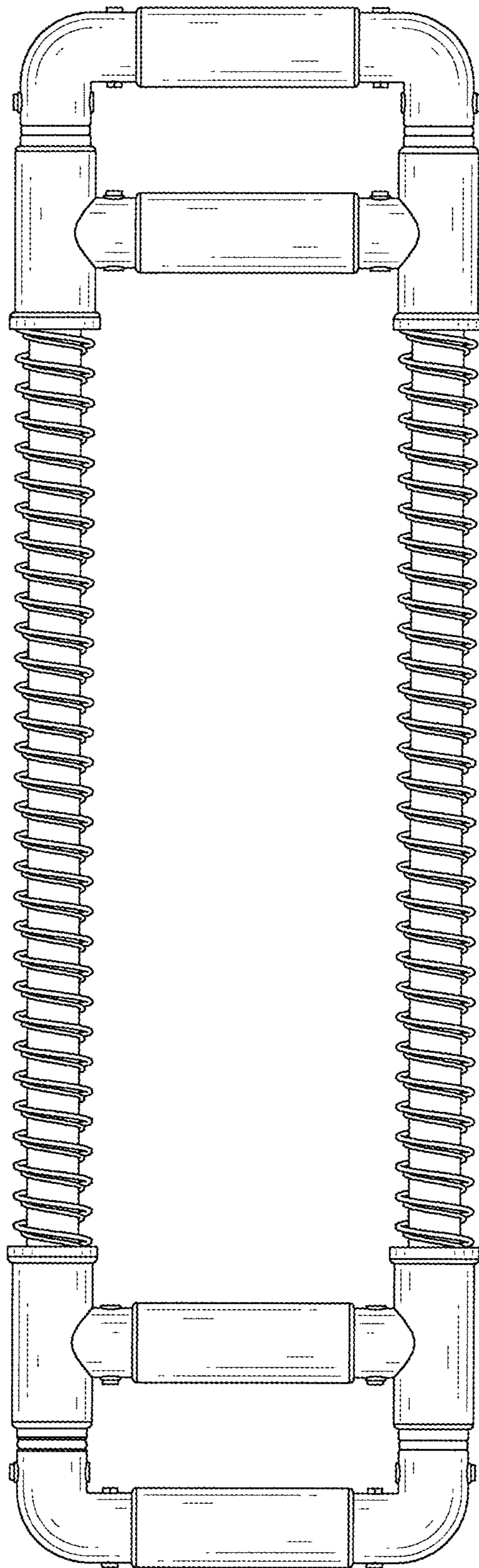


FIG. 2

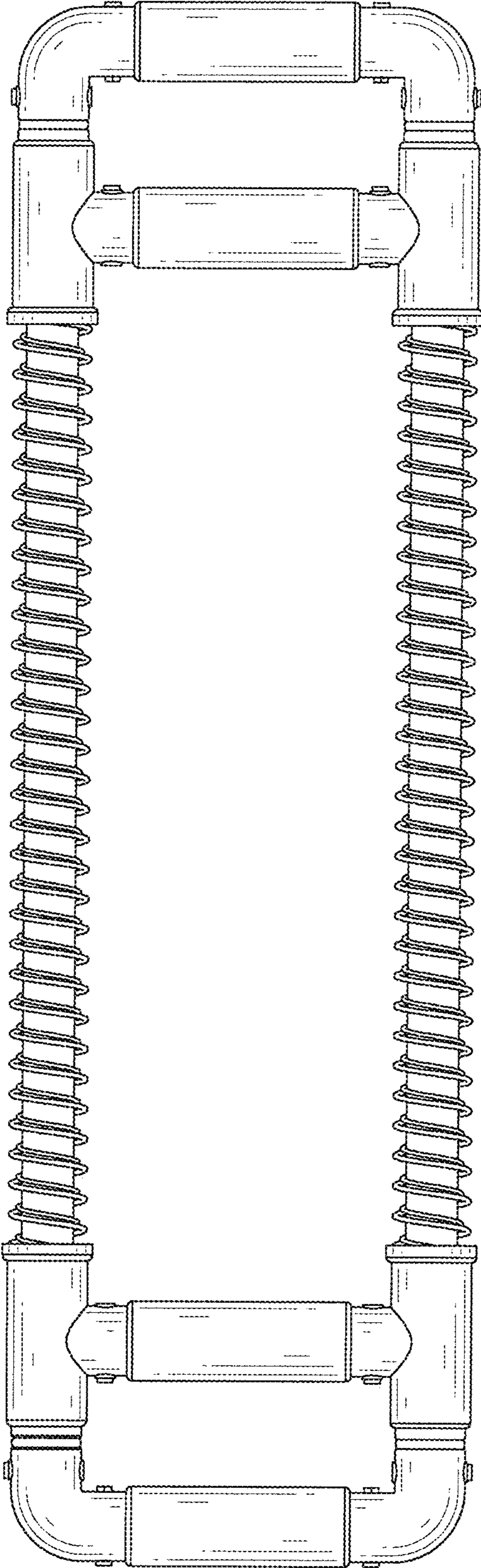


FIG. 3

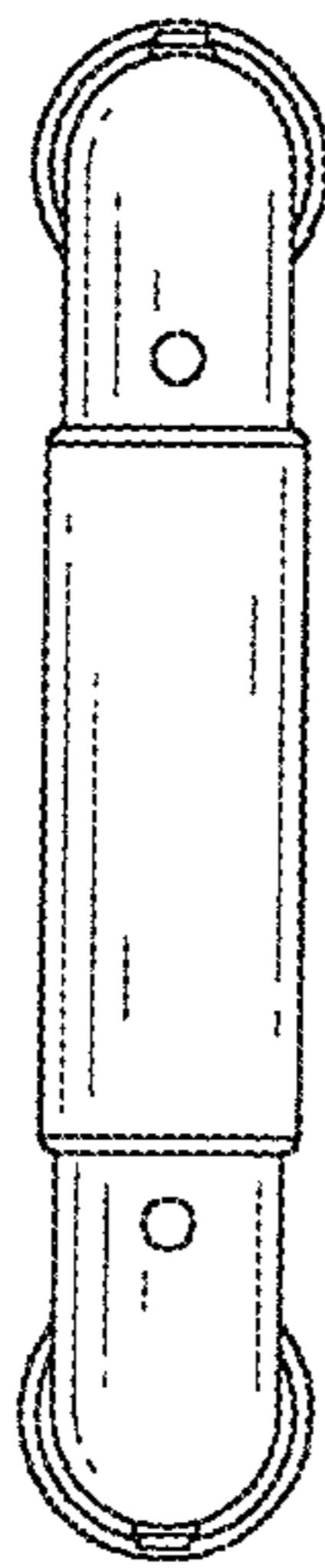


FIG. 4

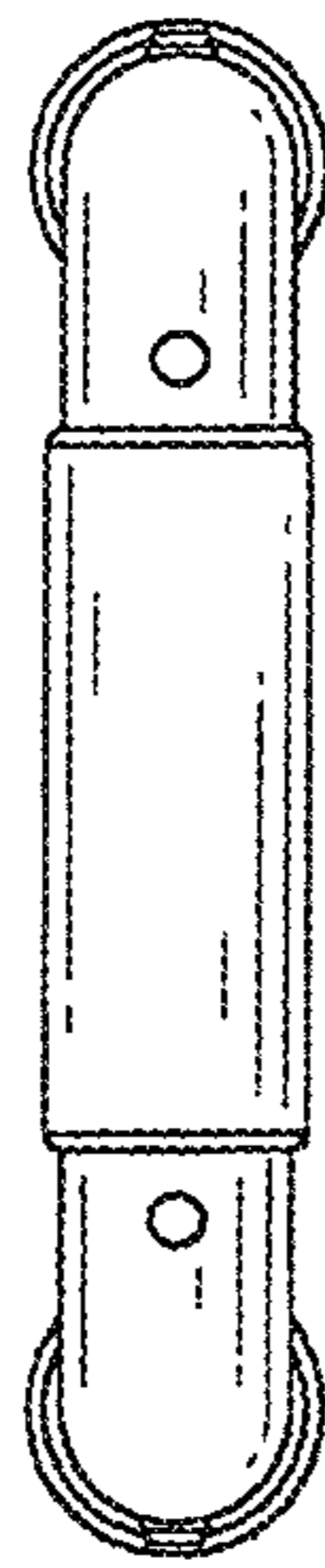


FIG. 5

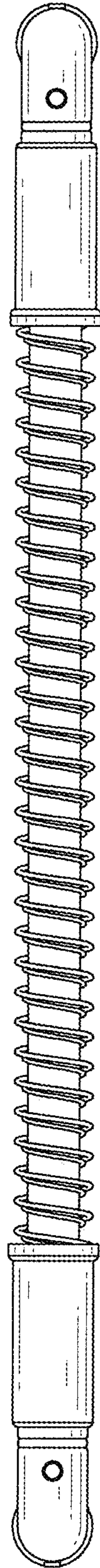


FIG. 6



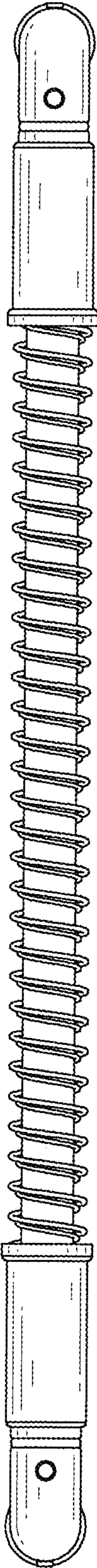


FIG. 7

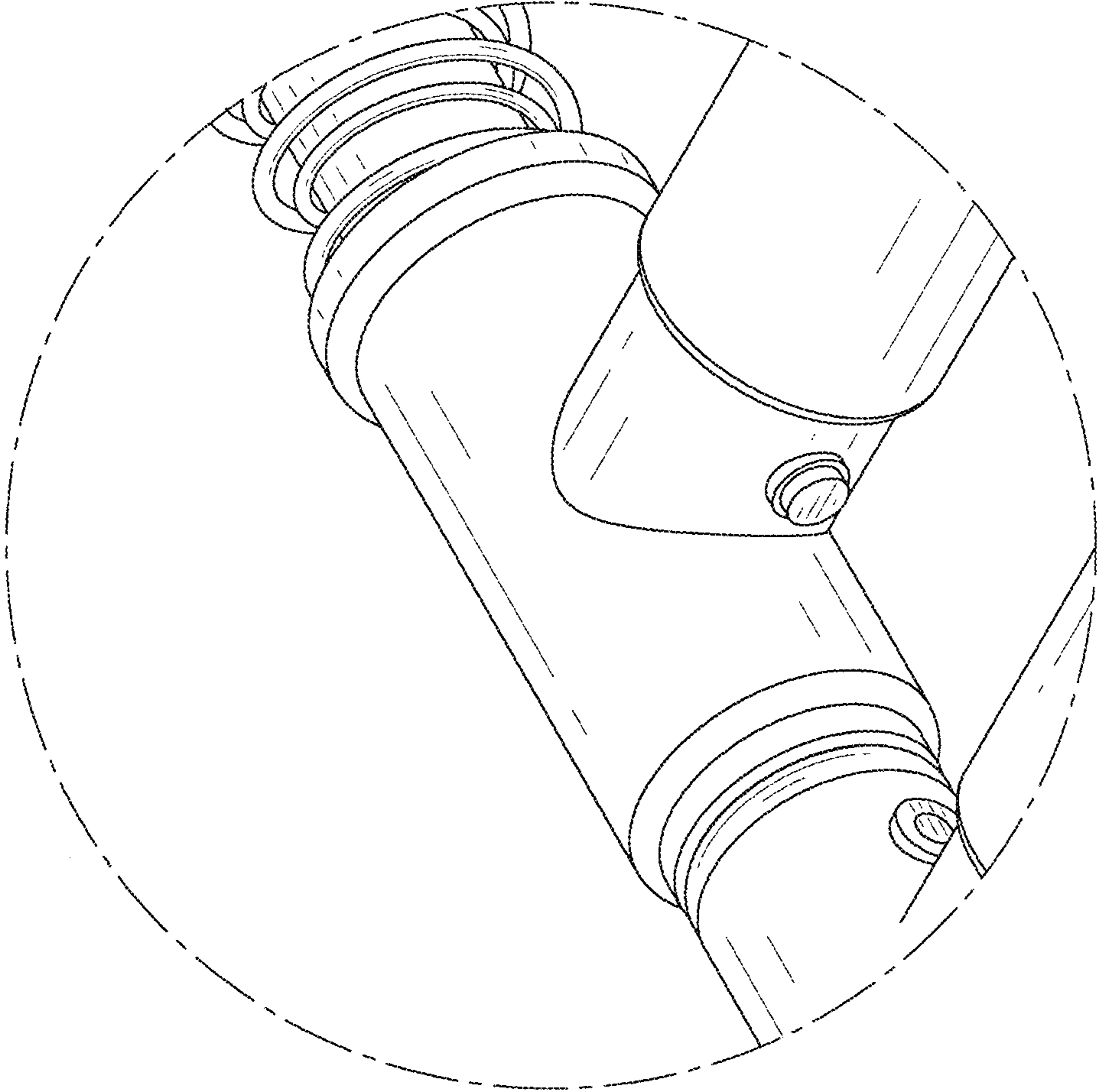


FIG. 8