



US0D1129568S

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

(10) **Patent No.:** **US D1,129,568 S**

(45) **Date of Patent:** **\*\* Jun. 9, 2026**

- (54) **TRI-WHEEL ASSEMBLY**
- (71) Applicant: **Adam Gintz**, Atwater, CA (US)
- (72) Inventor: **Adam Gintz**, Atwater, CA (US)
- (\*\*) Term: **15 Years**
- (21) Appl. No.: **29/948,586**
- (22) Filed: **Jun. 21, 2024**
- (51) **LOC (15) Cl.** ..... **12-27**
- (52) **U.S. Cl.**  
USPC ..... **D34/27**
- (58) **Field of Classification Search**  
USPC .... D34/12, 23, 24, 25, 26, 27; D3/221, 246,  
D3/258, 279, 285, 318; D21/435  
CPC ... B60B 2200/45; B60B 19/003; B60B 33/00;  
B60B 33/0028; B60B 19/12; B60B 3/001  
See application file for complete search history.

8,641,059	B2 *	2/2014	Khodor .....	B62B 1/12	280/47.28
D821,054	S *	6/2018	Mitchell .....	D34/27	
D827,970	S *	9/2018	Khubani .....	D34/12	
D942,107	S *	1/2022	Ren .....	D34/24	
D985,225	S *	5/2023	Elden .....	D34/25	
D1,099,527	S *	10/2025	Gintz .....	D3/285	
2008/0093238	A1	4/2008	Handelman et al.		
2011/0052357	A1	3/2011	Torrison		
2013/0069324	A1	3/2013	Weibel et al.		
2015/0158514	A1	6/2015	Palmer		
2019/0039635	A1 *	2/2019	Khubani .....	B62B 1/008	

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,736,564	A *	2/1956	Loam .....	B62B 5/026	280/DIG. 10
3,326,563	A *	6/1967	Whitaker .....	B62B 5/026	280/5.26
3,515,401	A *	6/1970	Gross .....	B62B 5/026	180/8.2
4,220,343	A	9/1980	Robinson		
D281,112	S	10/1985	Nichols		
4,609,200	A	9/1986	Winter		
D336,710	S *	6/1993	Kinnaman .....	D34/26	
D349,401	S	8/1994	Carillo		
D356,197	S *	3/1995	Loughlin .....	D34/12	
5,931,483	A	8/1999	Haynes		
6,099,023	A	8/2000	Be		
6,435,538	B2 *	8/2002	Ellis .....	A61G 5/065	280/5.26
7,516,502	B1 *	4/2009	Larson .....	B62B 5/026	280/47.131
7,631,380	B1 *	12/2009	Larson .....	A61G 1/0231	280/47.131

OTHER PUBLICATIONS

The Amazing Stair Climbing Bowling Ball Bag, as shown in www.facebook.com, Aug. 7, 2024. (Year: 2024).\*

(Continued)

*Primary Examiner* — Susan E Krakower  
*Assistant Examiner* — Gregory G Mclemore  
(74) *Attorney, Agent, or Firm* — Gugliotta & Gugliotta LPA

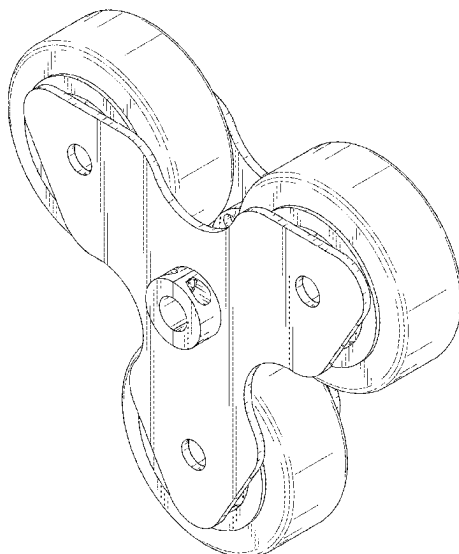
(57) **CLAIM**

The ornamental design for a tri-wheel assembly, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective top front right view of a tri-wheel assembly, showing my new design;  
FIG. 2 is a perspective top rear left view thereof;  
FIG. 3 is a front elevation view thereof;  
FIG. 4 is a rear elevation view thereof;  
FIG. 5 is a left elevation view thereof;  
FIG. 6 is a right elevation view thereof;  
FIG. 7 is a top plan view thereof; and,  
FIG. 8 is a bottom plan view thereof.

**1 Claim, 6 Drawing Sheets**



(56)

**References Cited**

U.S. PATENT DOCUMENTS

2022/0402567 A1\* 12/2022 Han ..... B60B 19/12  
2025/0318968 A1\* 10/2025 Nakamura ..... A61G 5/04

OTHER PUBLICATIONS

Adam Gintz/ A.S.B.B! Wheel Mod Kit, as shown in [www.YouTube.com](http://www.YouTube.com), Jun. 13, 2025. (Year: 2025).\*

\* cited by examiner

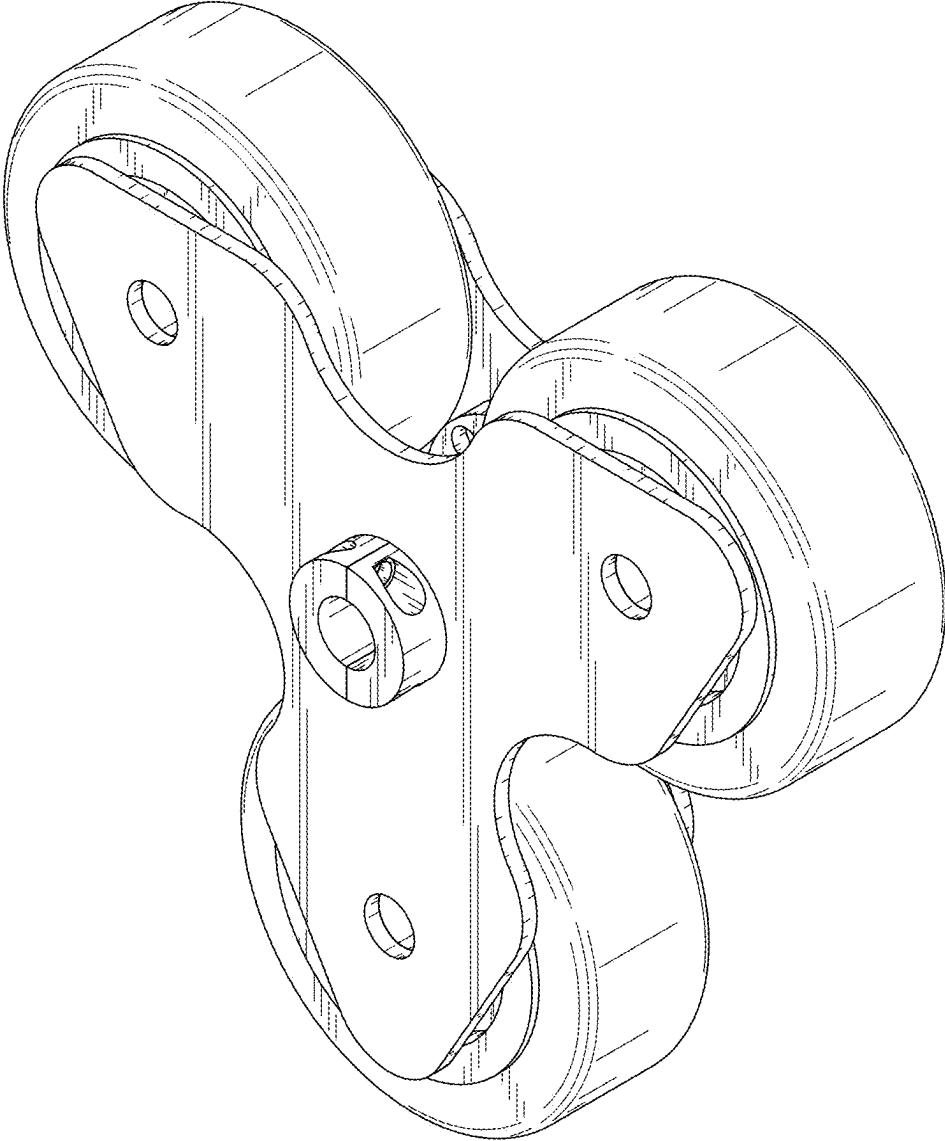


FIG. 1

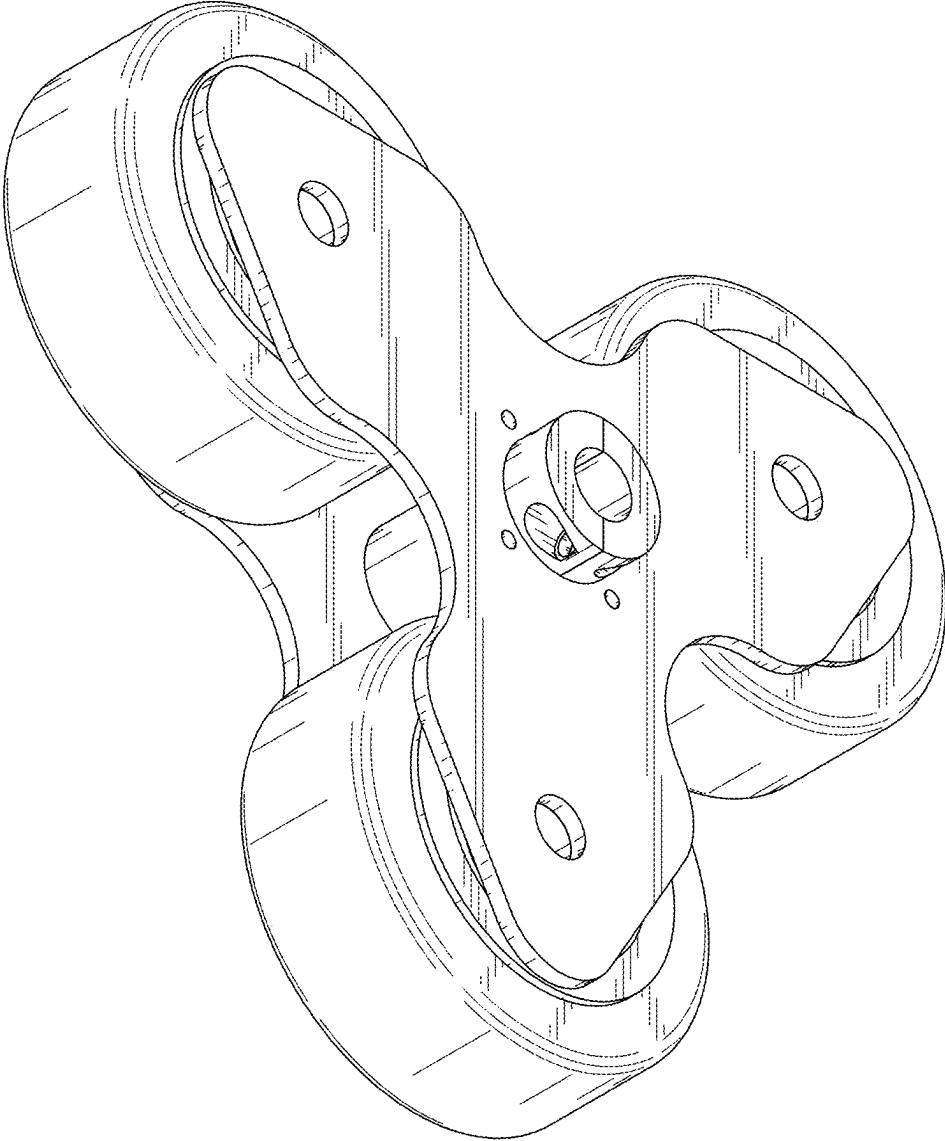


FIG. 2

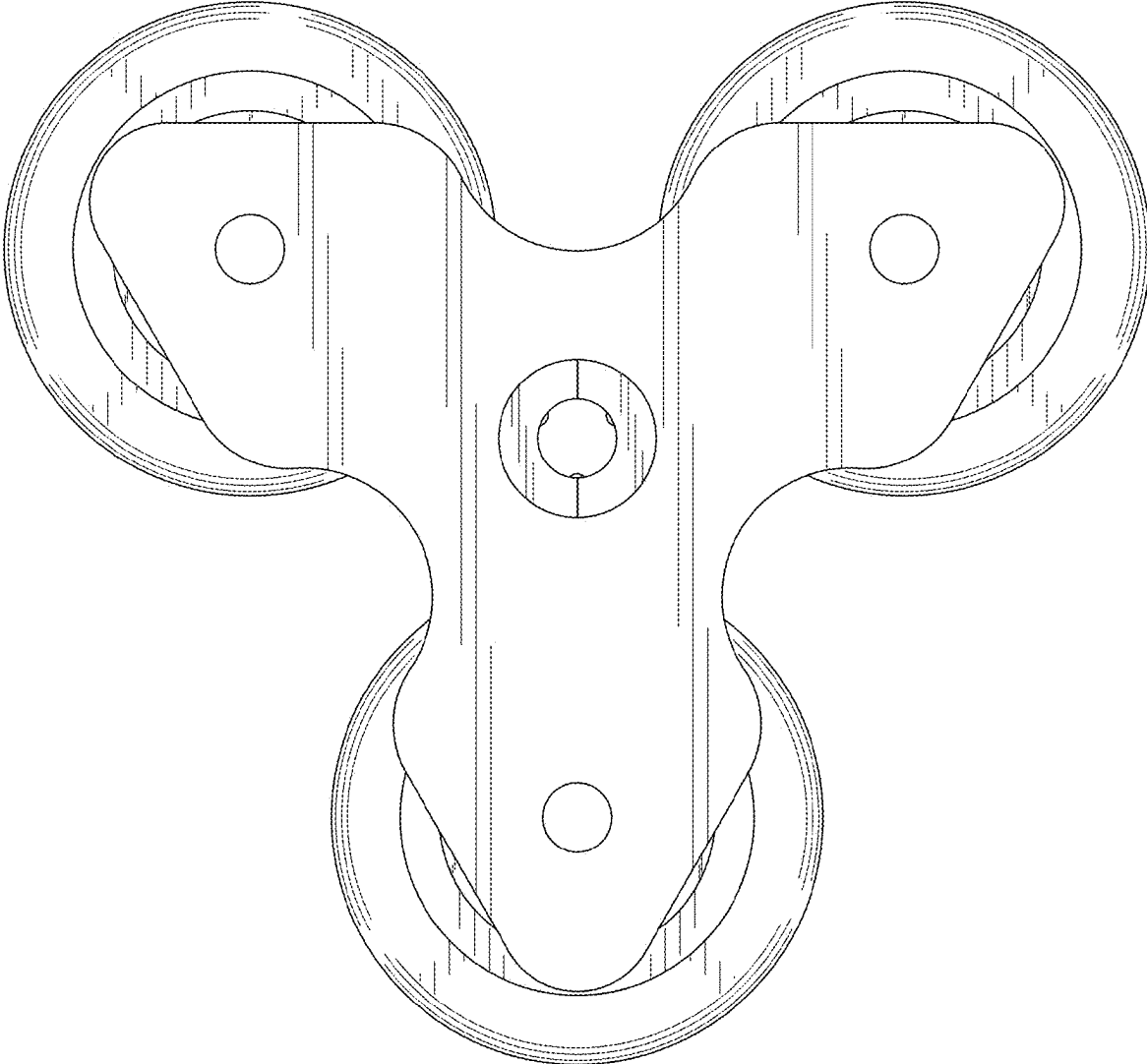


FIG. 3

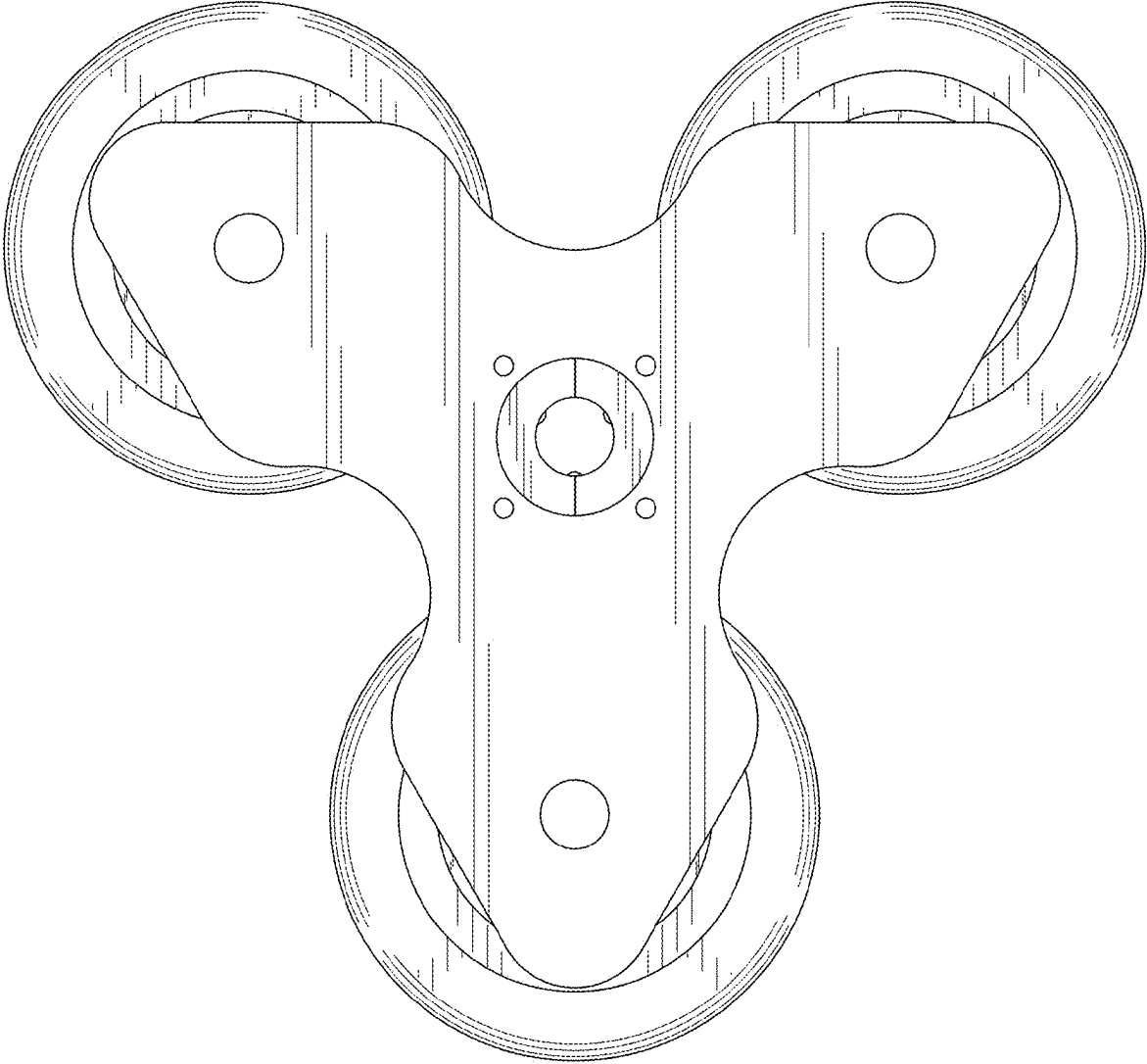


FIG. 4

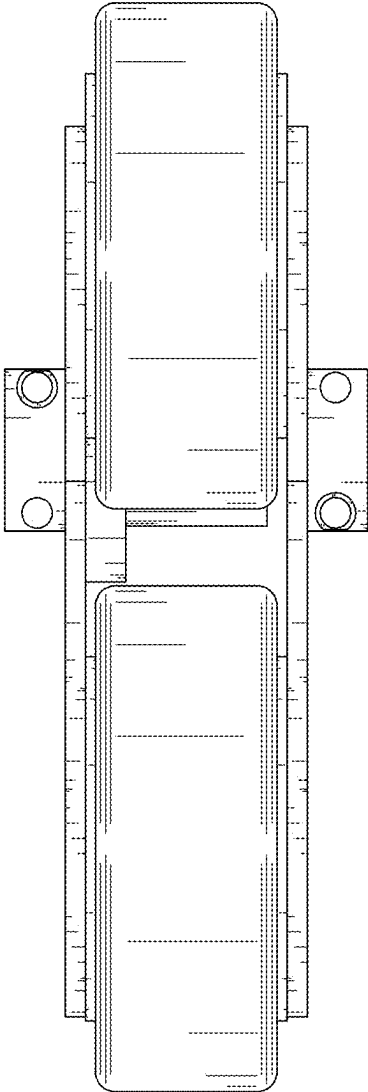


FIG. 5

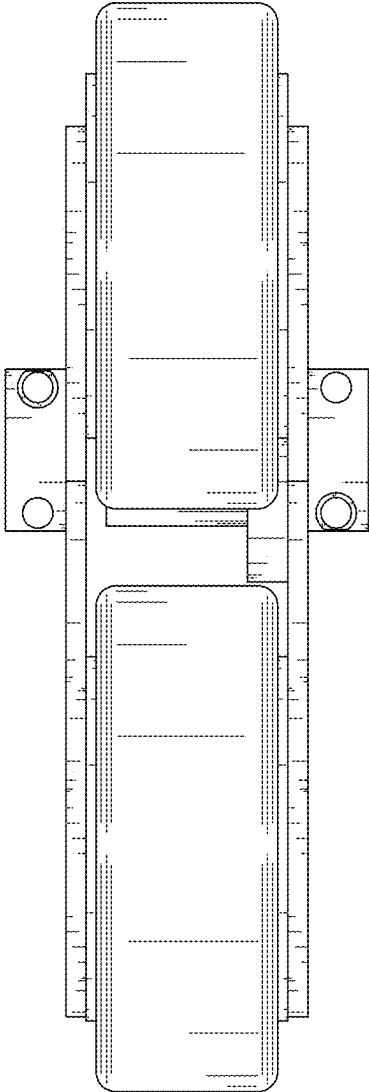


FIG. 6

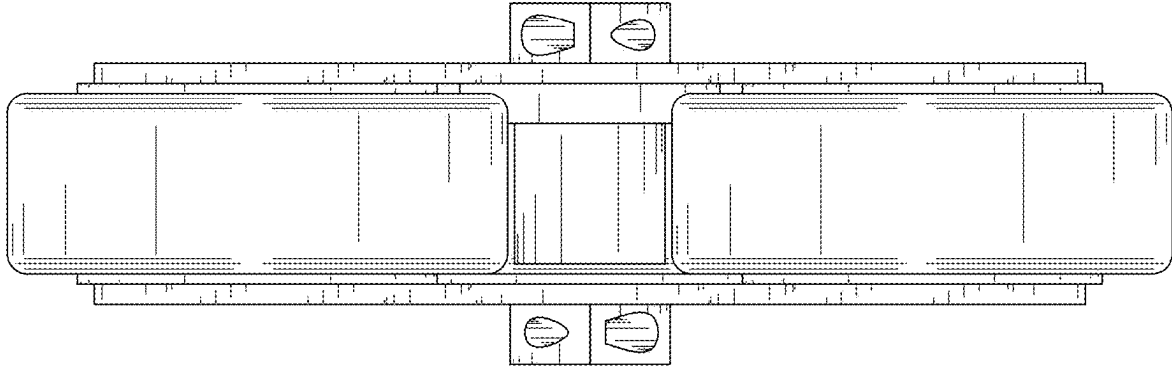


FIG. 7

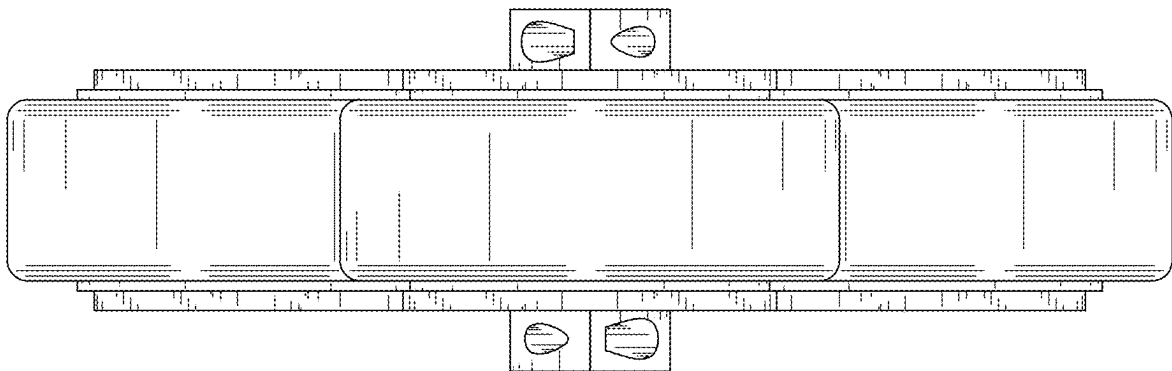


FIG. 8