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(12) **United States Design Patent** (10) **Patent No.: US D1,036,231 S**  
**Harms et al.** (45) **Date of Patent: \*\* Jul. 23, 2024**

(54) **UNIVERSAL BRACKET ASSEMBLY**

G03B 21/20-2066; G03B 15/041-0436;  
G03B 17/56; F16M 11/32

See application file for complete search history.

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(56) **References Cited**

U.S. PATENT DOCUMENTS

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D148,736 S	2/1948	Travis
5,016,850 A	5/1991	Plahn
D331,005 S	11/1992	Plahn
5,246,193 A	9/1993	Faidley
D386,215 S	11/1997	White et al.
5,695,164 A	12/1997	Hartmann et al.
5,911,395 A	6/1999	Hussaini
D523,477 S	6/2006	Cetera
D534,939 S	1/2007	Sheehan et al.
D552,978 S	10/2007	Liao

(Continued)

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

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(21) Appl. No.: **29/752,334**

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(57) **CLAIM**

The ornamental design for a universal bracket assembly, as shown and described.

**Related U.S. Application Data**

**DESCRIPTION**

(62) Division of application No. 29/693,527, filed on Jun. 3, 2019, now Pat. No. Des. 897,821, which is a division of application No. 29/674,304, filed on Dec. 20, 2018, now Pat. No. Des. 872,559, which is a division of application No. 29/564,604, filed on May 13, 2016, now Pat. No. Des. 856,780.

FIG. 1 is a perspective view of a universal bracket assembly of the present invention having a first bracket element in an assembled condition;

(51) **LOC (14) Cl.** ..... **08-08**

FIG. 2 is a top plan view of the universal bracket assembly and the first bracket element;

(52) **U.S. Cl.**

FIG. 3 is a bottom plan view of the universal bracket assembly and the first bracket element;

USPC ..... **D8/349**

FIG. 4 is a rear elevation view of the universal bracket assembly and the first bracket element; the front elevation view being a mirror thereof;

(58) **Field of Classification Search**

USPC ..... D8/363, 373, 354, 394, 349; D16/200, D16/204, 208, 213-219, 235, 237-250; D14/203, 209, 217, 224, 250-253, 345, D14/440

FIG. 5 is a right side elevation of the universal bracket assembly and the first bracket element; the left side elevation view being a mirror thereof;

CPC ..... G03B 17/02; G03B 17/04; G03B 17/14;

FIG. 6 is a perspective view of the universal bracket assembly comprising first and fourth bracket elements; and,

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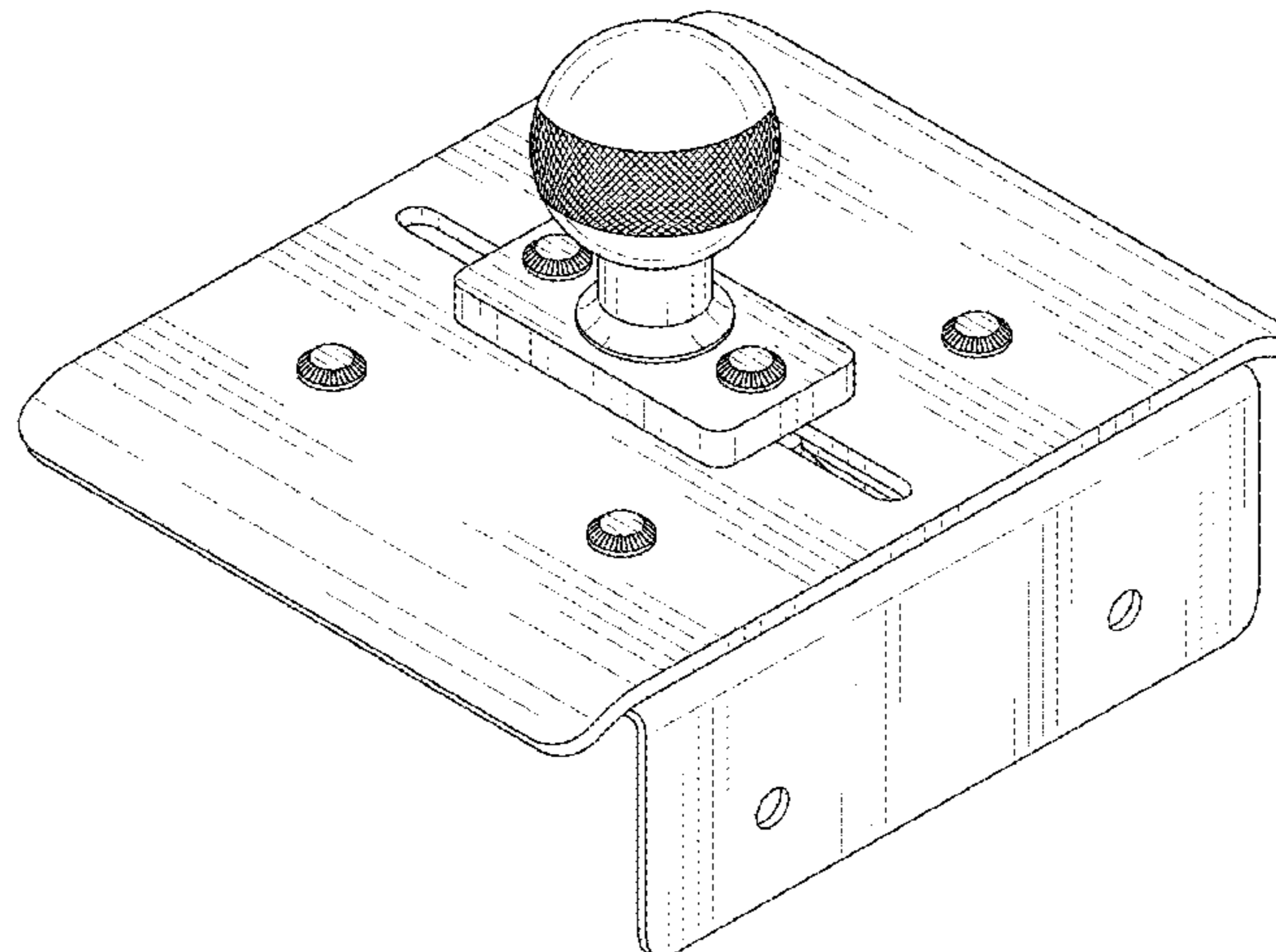


FIG. 7 is a bottom view of the universal bracket assembly comprising first and fourth bracket elements.

**1 Claim, 5 Drawing Sheets**

(56)

**References Cited**

U.S. PATENT DOCUMENTS

D563,452 S	3/2008	Tan et al.	
D564,559 S	3/2008	Stephens et al.	
D571,278 S *	6/2008	Carnevali .....	D12/223
D607,716 S	1/2010	Chiu	
D614,945 S	5/2010	Chiu	
7,762,512 B2	7/2010	Carnevali	
7,775,486 B2	8/2010	Depay et al.	
D631,509 S	1/2011	Liang	
D637,480 S	5/2011	Chen et al.	
D679,700 S	4/2013	Werth	
D682,332 S	5/2013	Wang et al.	
D715,790 S	12/2014	Conomos	
9,475,531 B2 *	10/2016	Rawlings .....	B62D 65/14
9,828,073 B1 *	11/2017	Cifers, III .....	F16M 13/02
D810,179 S	2/2018	Harms et al.	
D820,342 S	6/2018	Harms et al.	
D831,660 S	10/2018	Yao et al.	
D856,780 S	8/2019	Harms et al.	
D872,559 S	1/2020	Harms et al.	
D897,821 S *	10/2020	Harms .....	D8/349
D997,833 S *	9/2023	Stepanov .....	D12/223

\* cited by examiner

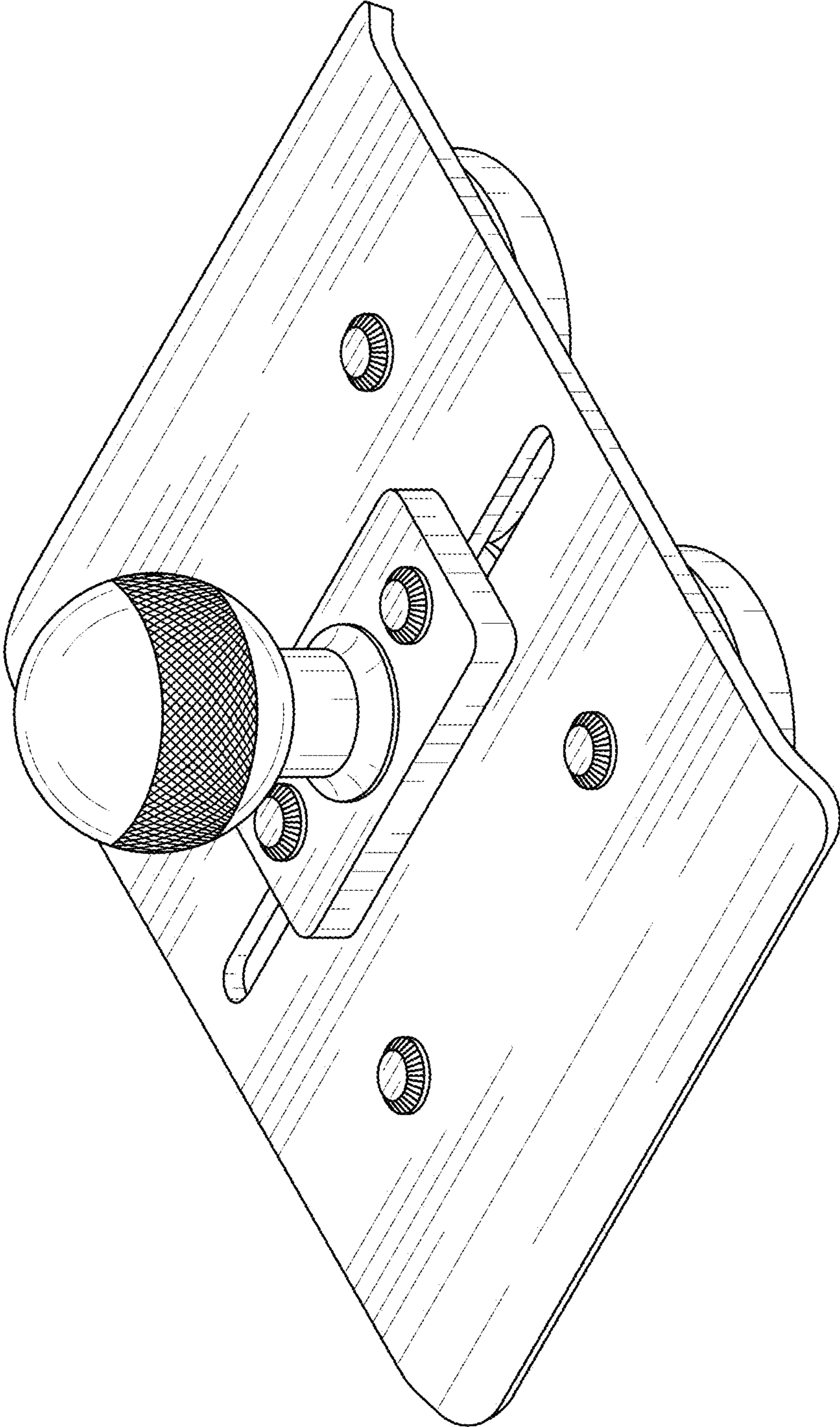


FIG. 1

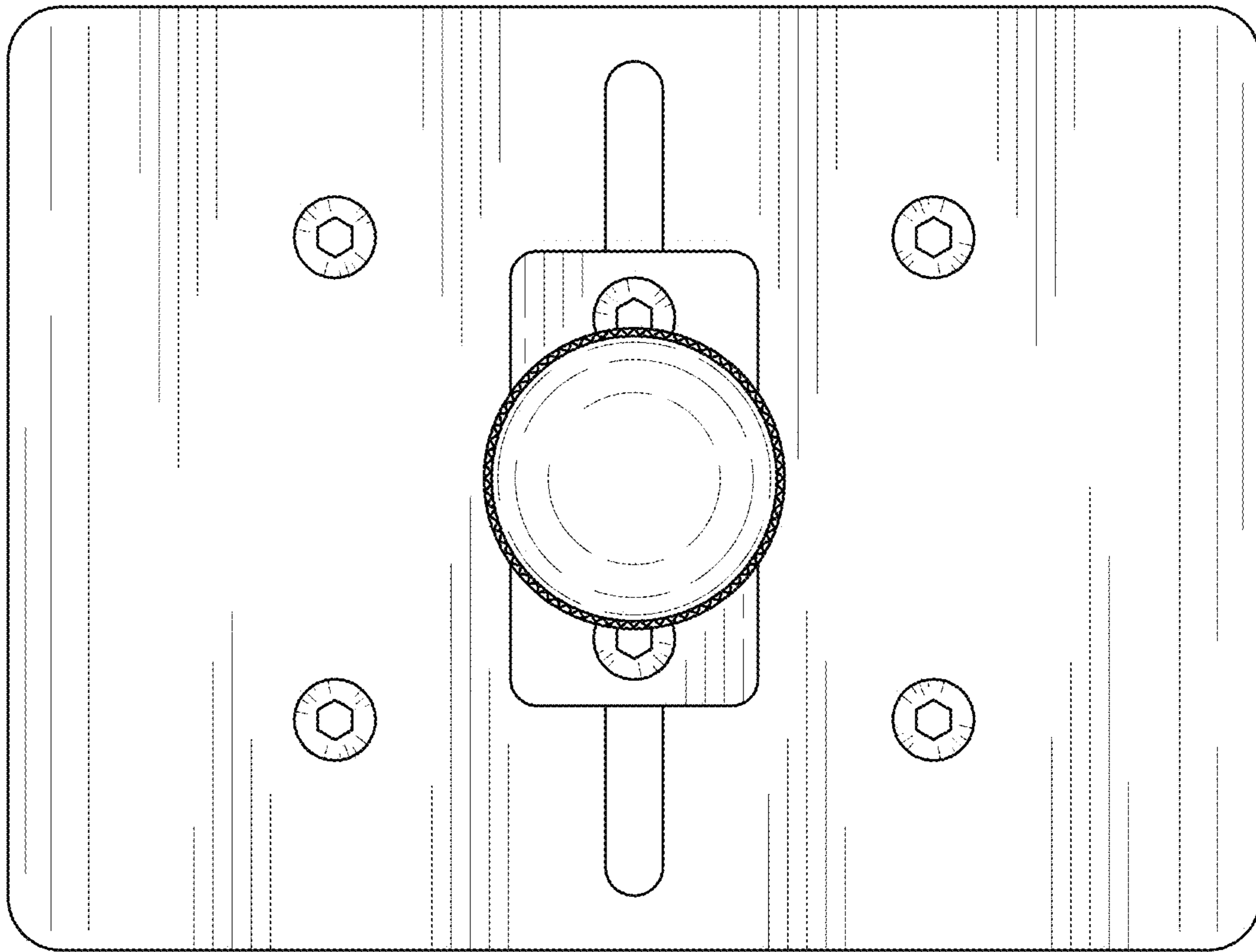


FIG. 2

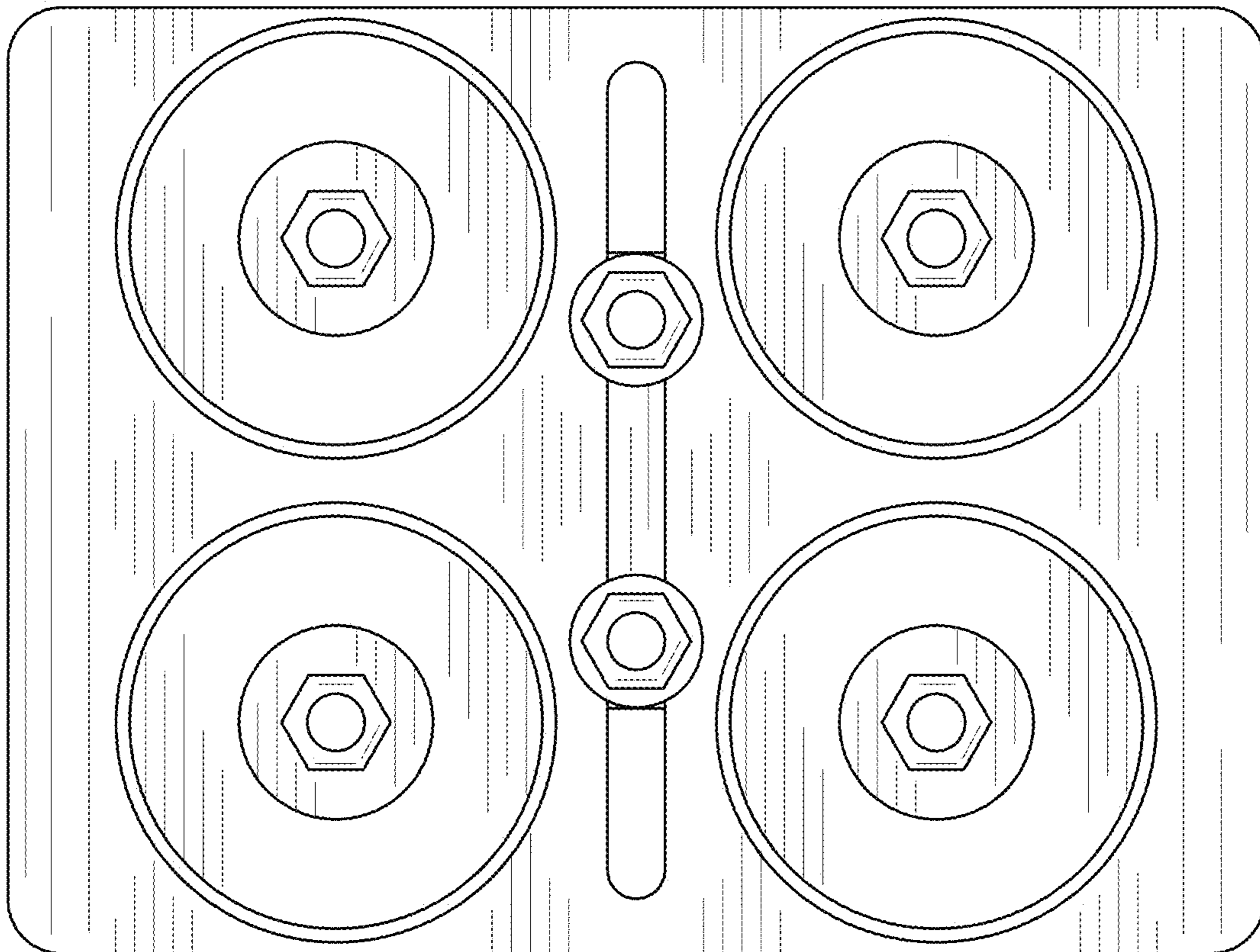
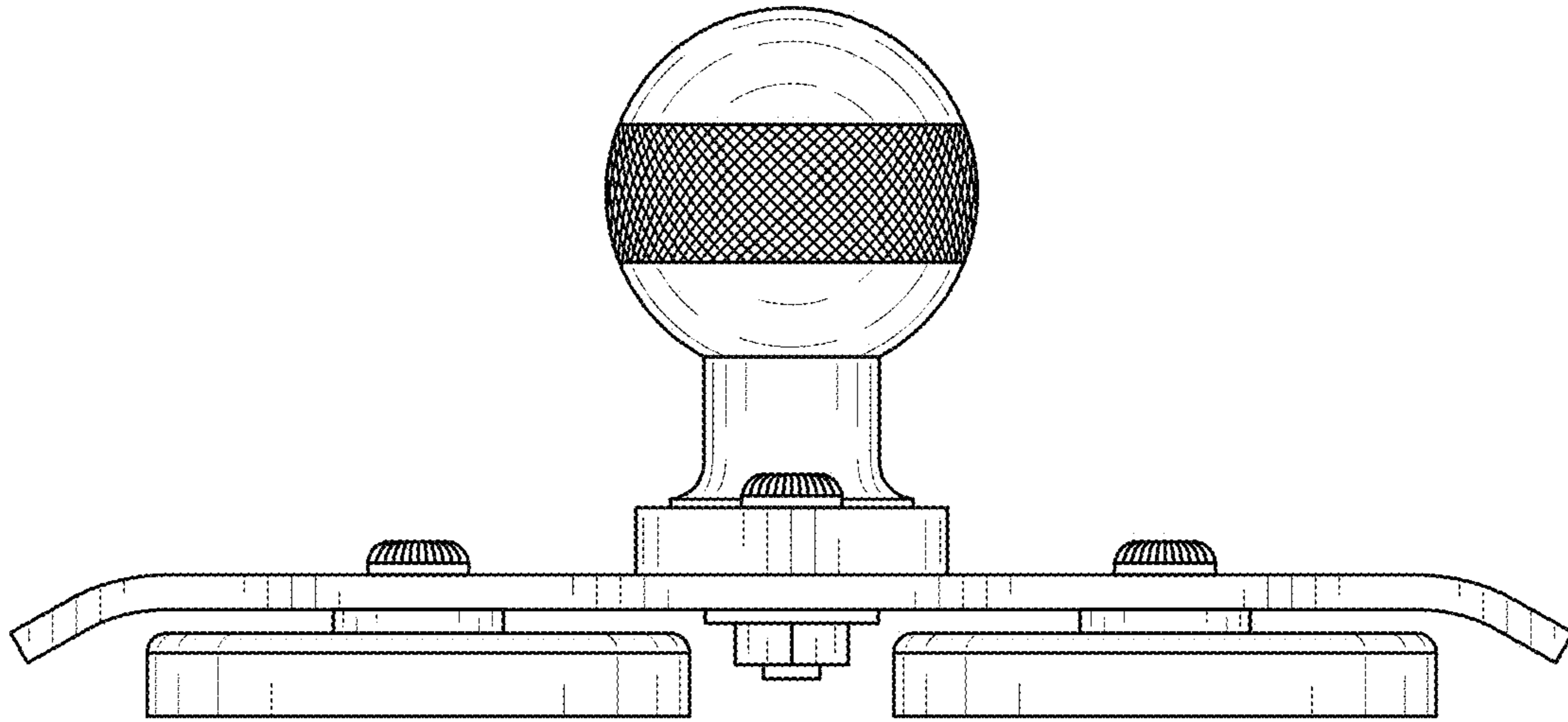
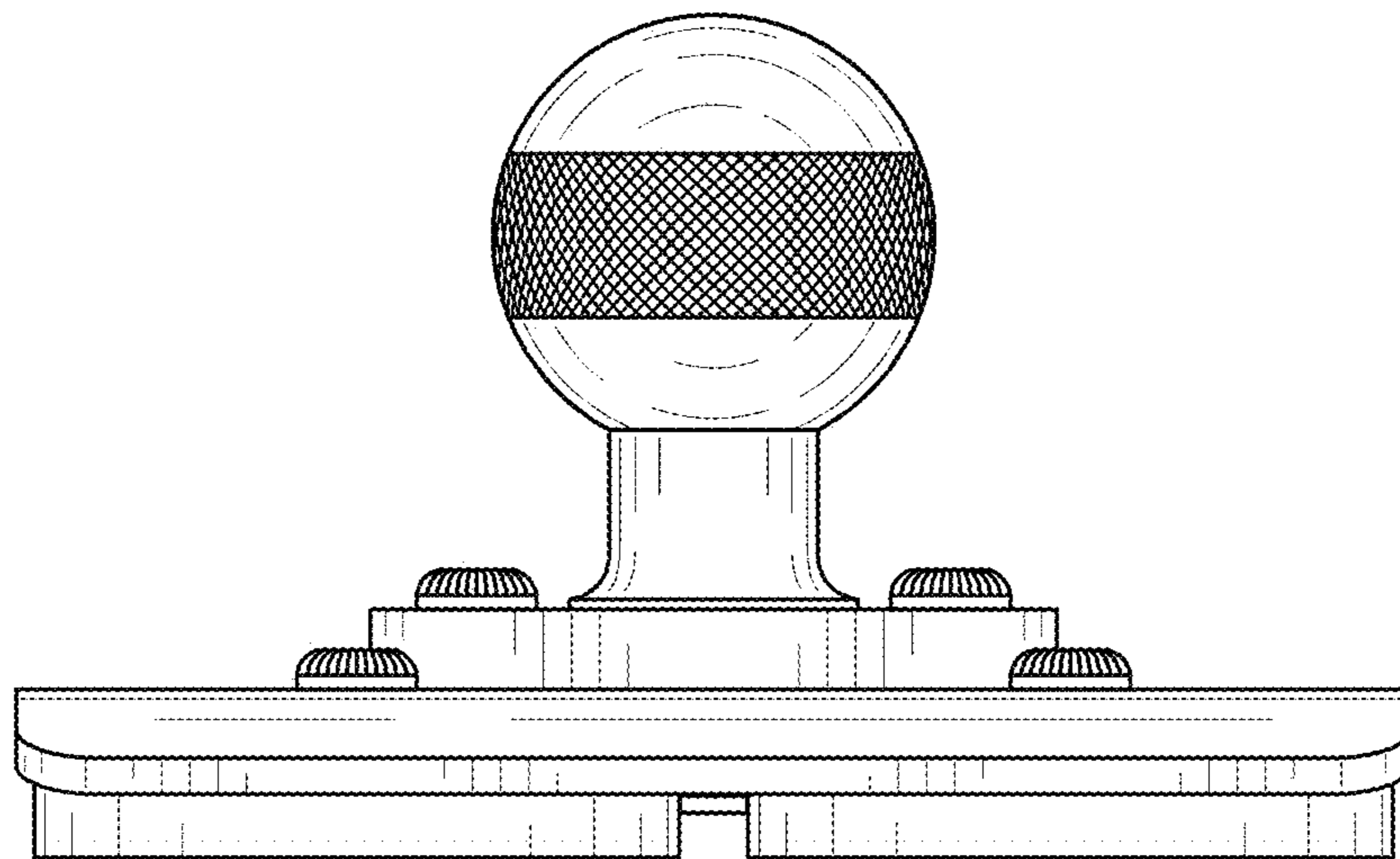


FIG. 3



**FIG. 4**



**FIG. 5**

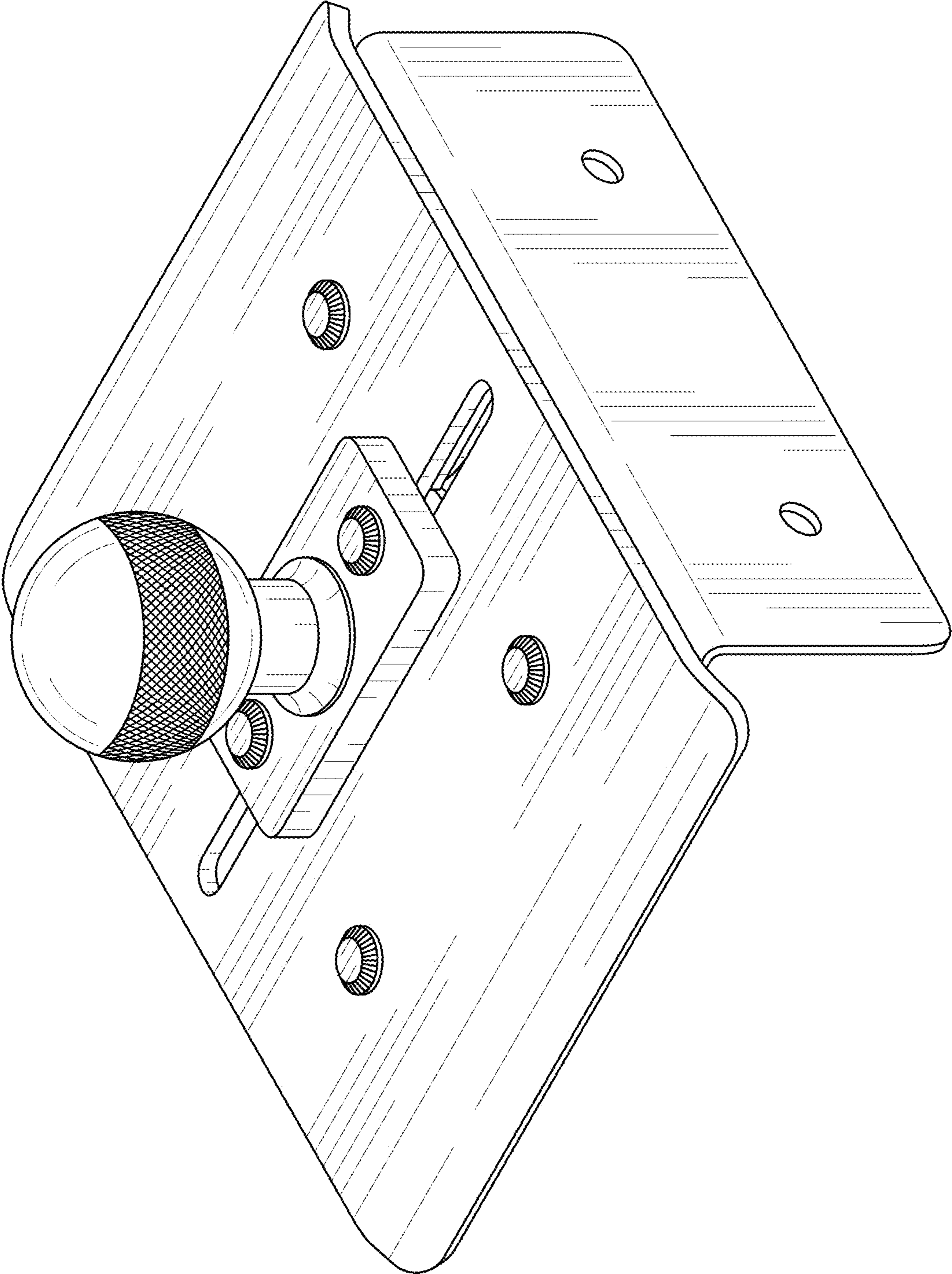
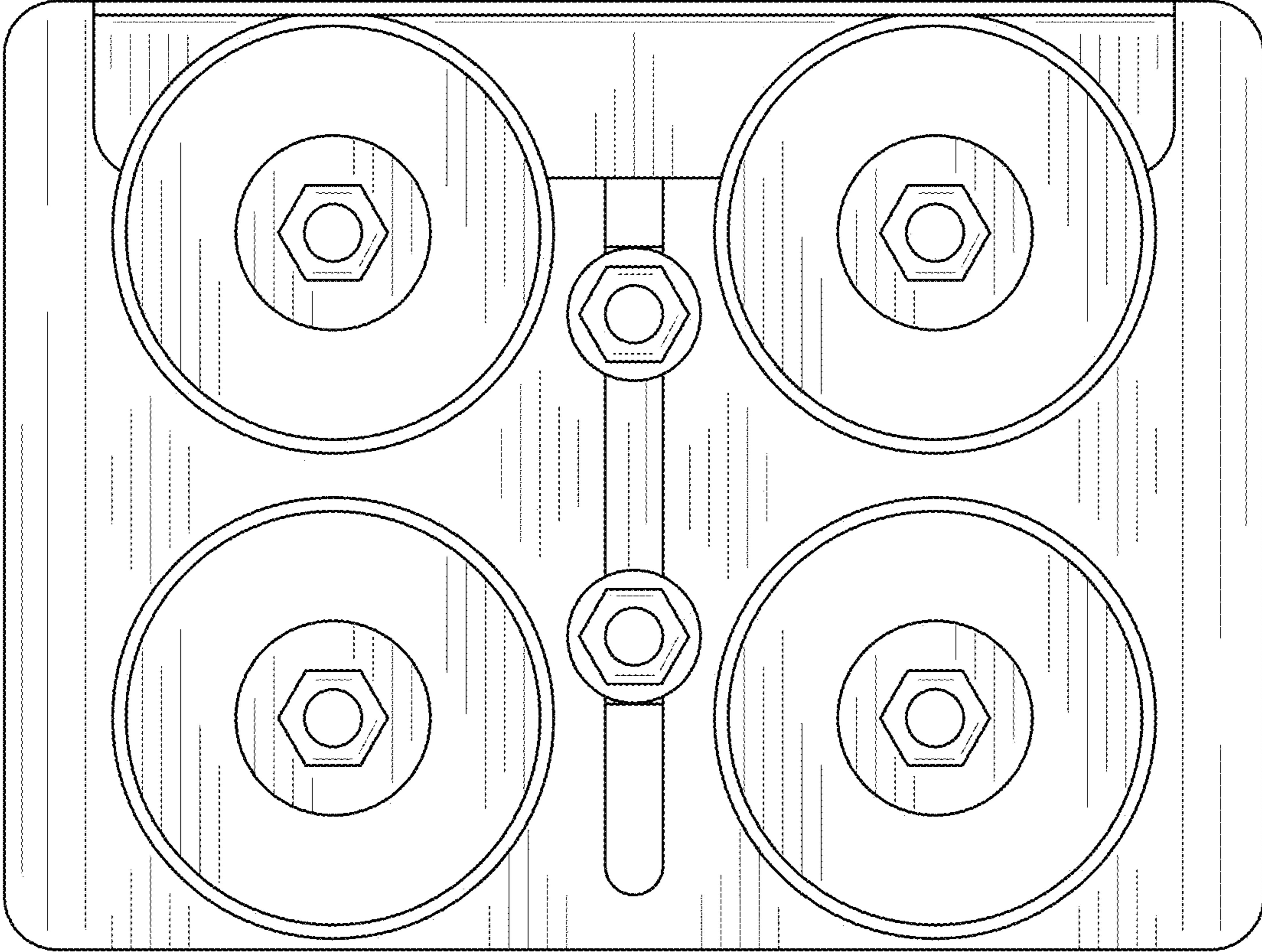


FIG. 6



**FIG. 7**