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

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(54) **DROP BALL HITCH**

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(**) Term: **14 Years**

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(51) **LOC (9) Cl.** **12-16**

(52) **U.S. Cl.** **D12/162**

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280/407-407.1, 415.1, 416.1-416.3, 477,
280/479.2, 482-483, 490.1, 491.1-491.5,
280/493-495, 498-499, 507, 509, 511-513;
224/500-537

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D157,643 S *	3/1950	Swaisgood	.....	D12/162
D158,372 S *	5/1950	Gee	.....	D12/162
4,923,205 A *	5/1990	Durm	.....	280/491.3
5,730,456 A	3/1998	Bowers		
5,735,539 A	4/1998	Kravitz		
D431,216 S *	9/2000	Belinky	.....	D12/162
6,203,048 B1	3/2001	Adair		
D466,844 S	12/2002	Billings		
D469,723 S	2/2003	McCoy		
6,536,794 B2	3/2003	Hancock et al.		
6,581,953 B2	6/2003	Jerry		
6,709,002 B2	3/2004	Tambornino		
6,746,038 B2	6/2004	McCoy et al.		
6,860,503 B2 *	3/2005	Aufderheide et al.	....	280/491.3
D519,065 S	4/2006	Tambornino		

7,216,886 B2 *	5/2007	Rimmelspacher et al.	.....	280/491.3
7,273,222 B2 *	9/2007	Rampp	.....	280/491.3
2004/0075244 A1 *	4/2004	Reutlinger et al.	.....	280/491.3
2004/0100066 A1	5/2004	Andersen		
2005/0046148 A1 *	3/2005	Reutlinger et al.	.....	280/491.3
2008/0036179 A1 *	2/2008	Andersen	.....	280/511

OTHER PUBLICATIONS

Towing Services UK, Brink Towbar Products, <http://www.brinktowbars.co.uk/new/towbars.htm>.
BrinkMatic Mirage Manual, 2002/1.
<http://tdiparts.com/catalog/images/parts/b55bosalAK6.jpg>.
BrinkMatic Advance User Manual, Brink International 2004.

* cited by examiner

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(57) **CLAIM**

The ornamental design for a drop ball hitch, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of a drop ball hitch showing my new design.

FIG. 2 is a left side view showing the drop ball hitch of FIG. 1.

FIG. 3 is top view of the drop ball hitch of FIGS. 1-2.

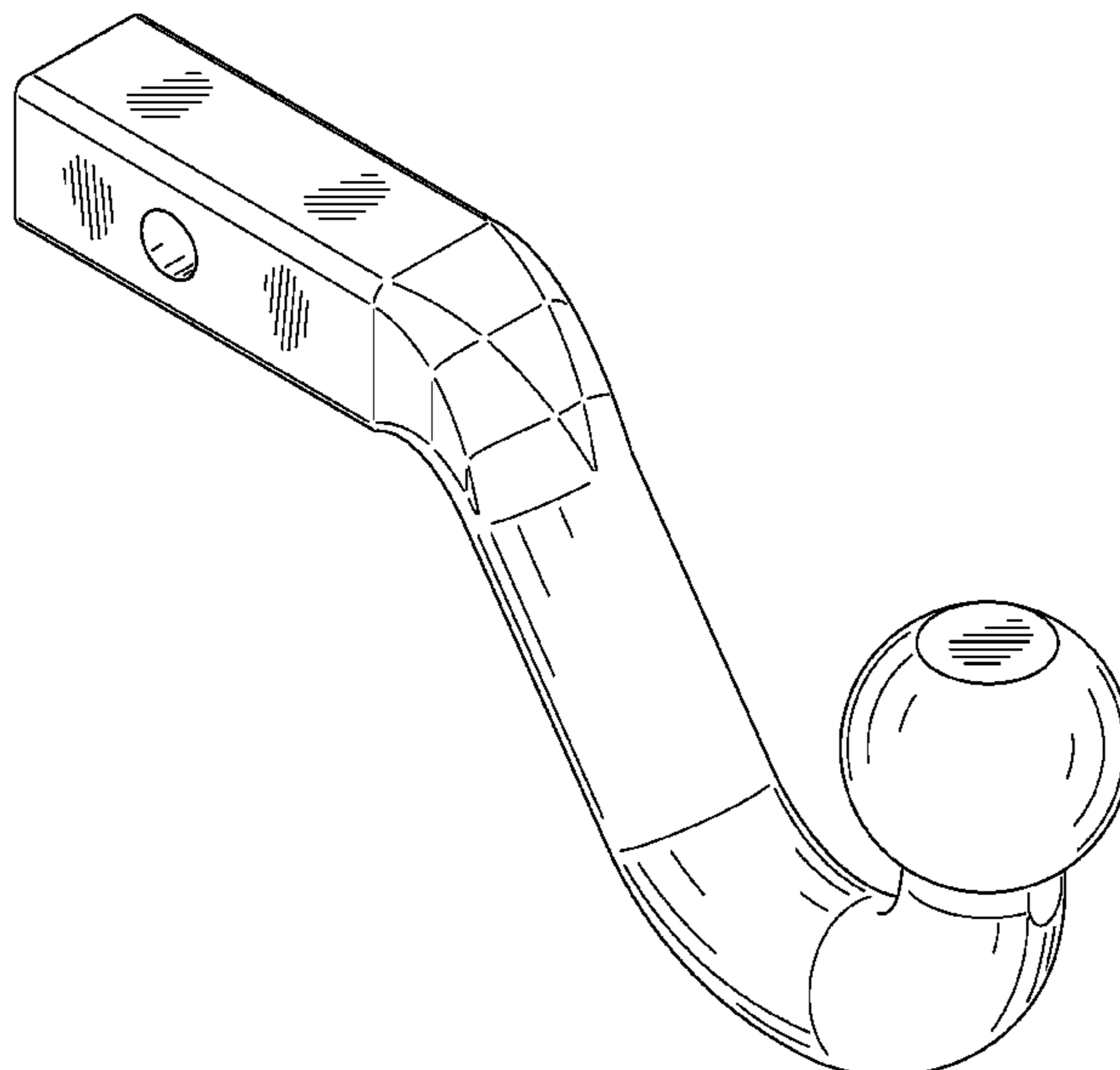
FIG. 4 is a rear view of the drop ball hitch of FIGS. 1-3.

FIG. 5 is a right side view of the drop ball hitch of FIGS. 1-4.

FIG. 6 is a bottom view of the drop ball hitch of FIGS. 1-5; and,

FIG. 7 is a front view of the drop ball hitch of FIGS. 1-6.

1 Claim, 3 Drawing Sheets



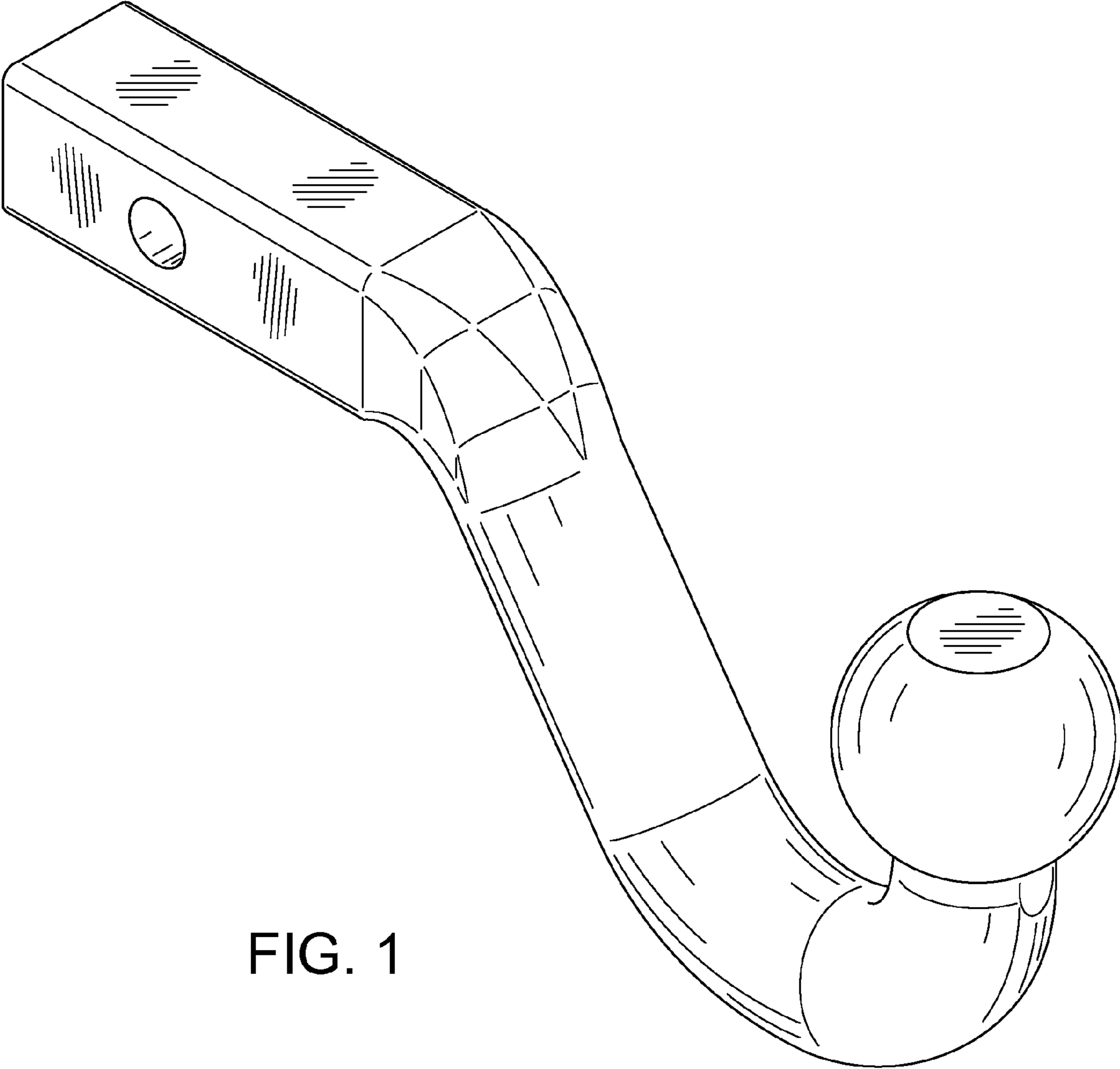


FIG. 1

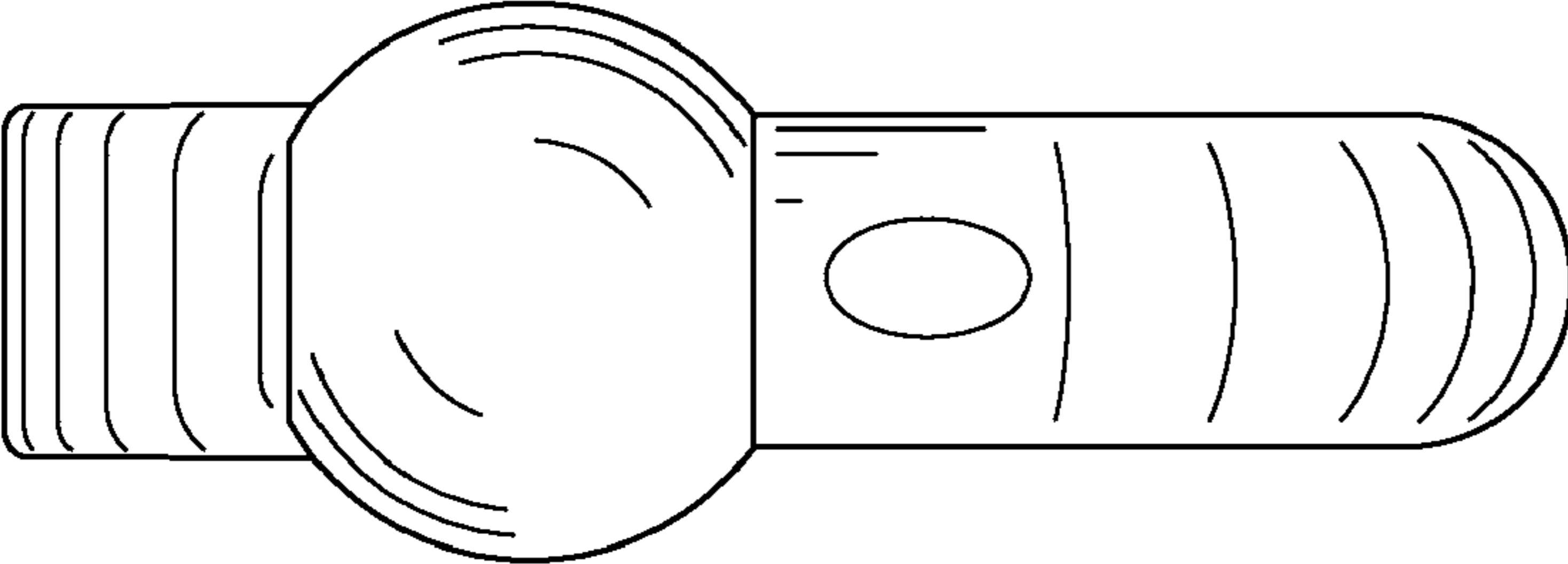


FIG. 4

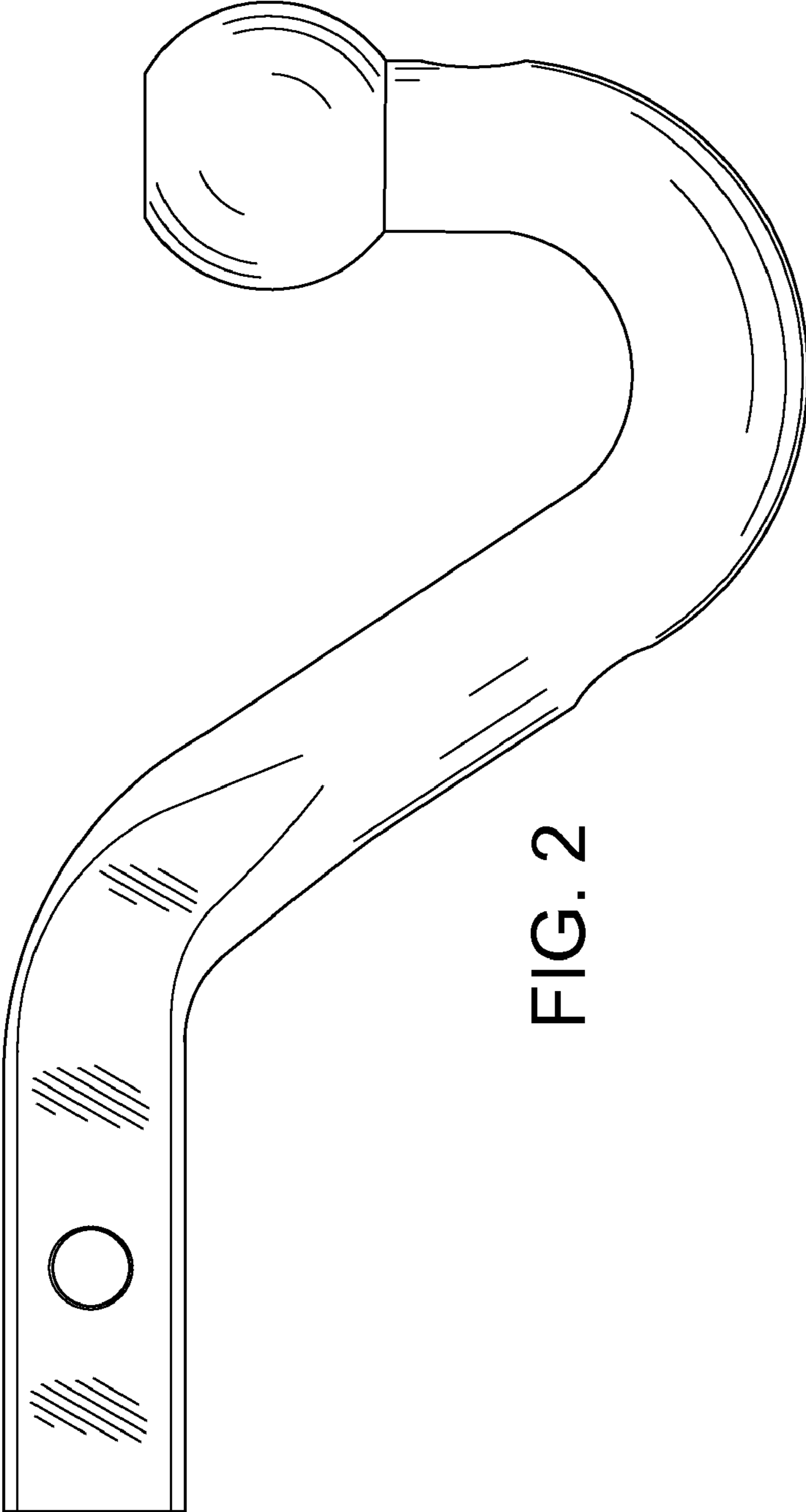


FIG. 2

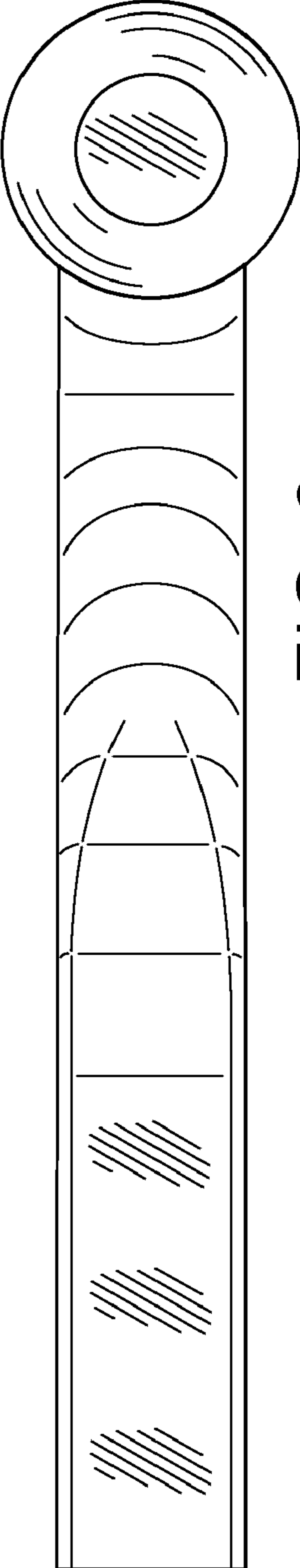


FIG. 3

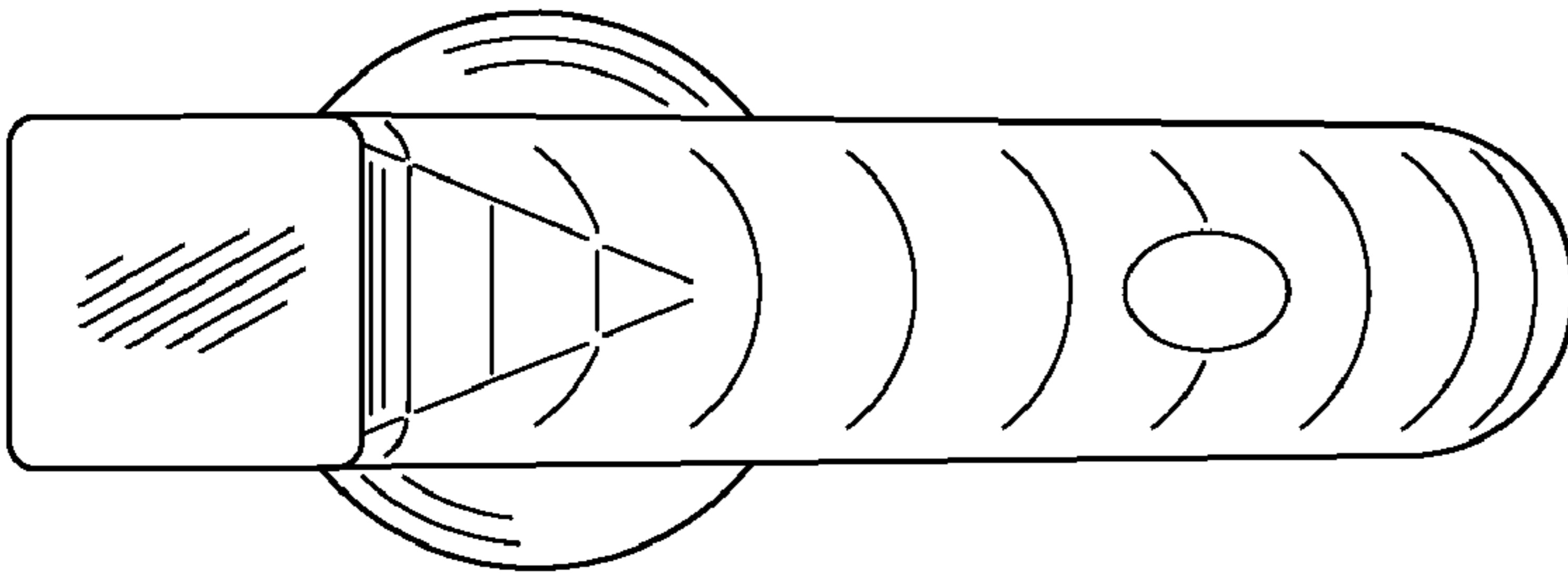


FIG. 7

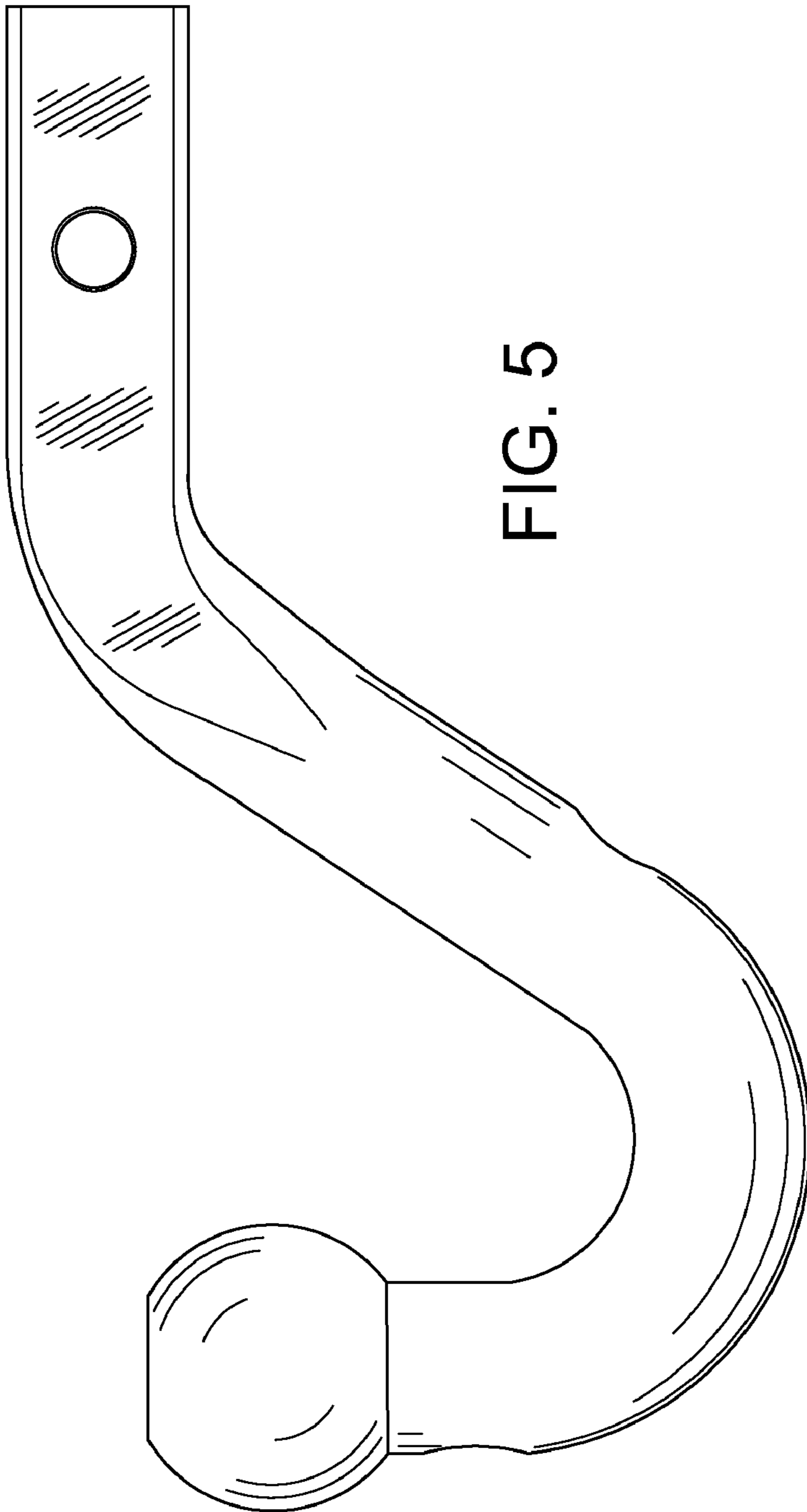


FIG. 5

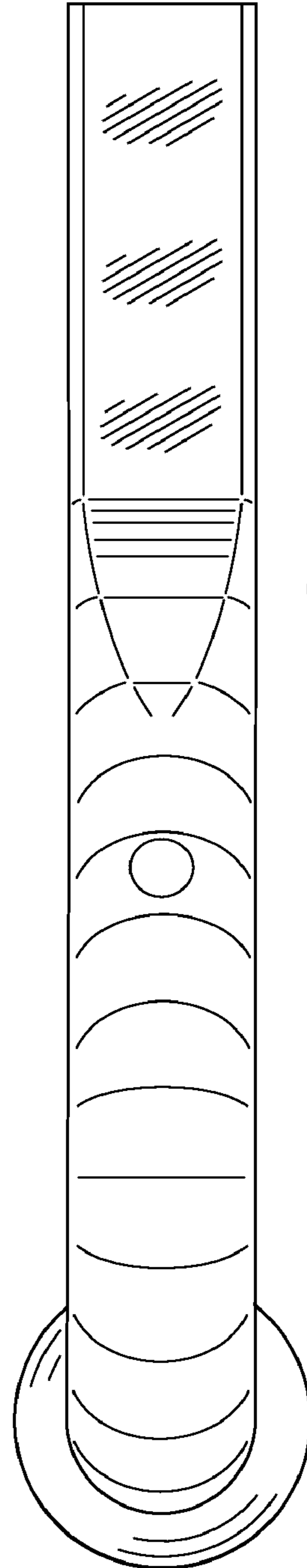


FIG. 6