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

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(54) **OUTER TIE ROD END**

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(52) **U.S. Cl.**
USPC **D12/160**

(58) **Field of Classification Search**
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CPC B62D 7/16; B62D 7/163; B62D 7/166;
B62D 3/12
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- 3,112,123 A * 11/1963 True B62D 7/16
280/93.509
- D223,024 S * 2/1972 Thomas D12/159
- 3,766,810 A * 10/1973 Romak B25B 27/0035
81/118
- 5,219,176 A * 6/1993 Mitchell B21K 1/74
280/93.512
- 5,607,249 A * 3/1997 Maughan B62D 7/16
403/120
- 5,765,844 A * 6/1998 Wood B62D 7/20
280/771

- D402,617 S * 12/1998 Adams, III D12/160
- 6,086,075 A * 7/2000 O'Bryan B62D 7/22
280/89.12
- D444,745 S * 7/2001 Garrard D12/159
- 6,357,956 B1 * 3/2002 Zebolsky B60G 7/005
277/635
- 6,446,991 B1 * 9/2002 Klais B60G 7/02
280/124.134
- 6,616,156 B1 * 9/2003 Dudding B62D 7/18
280/93.512
- D680,032 S * 4/2013 Nosworthy D12/159

(Continued)

OTHER PUBLICATIONS

2 Outer Tie Rod End Chrysler Cirrus Sebring Dodge, posted at ebay, posting date Oct. 1, 2014. [online] [site visited Feb. 20, 2018]. Available from Internet. <URL: <https://www.ebay.com/itm/2-Outer-Tie-Rod-End-Chrysler-Cirrus-Sebring-Dodge-Stratus-Plymouth-Breeze/320922156616>> (Year: 2014).*

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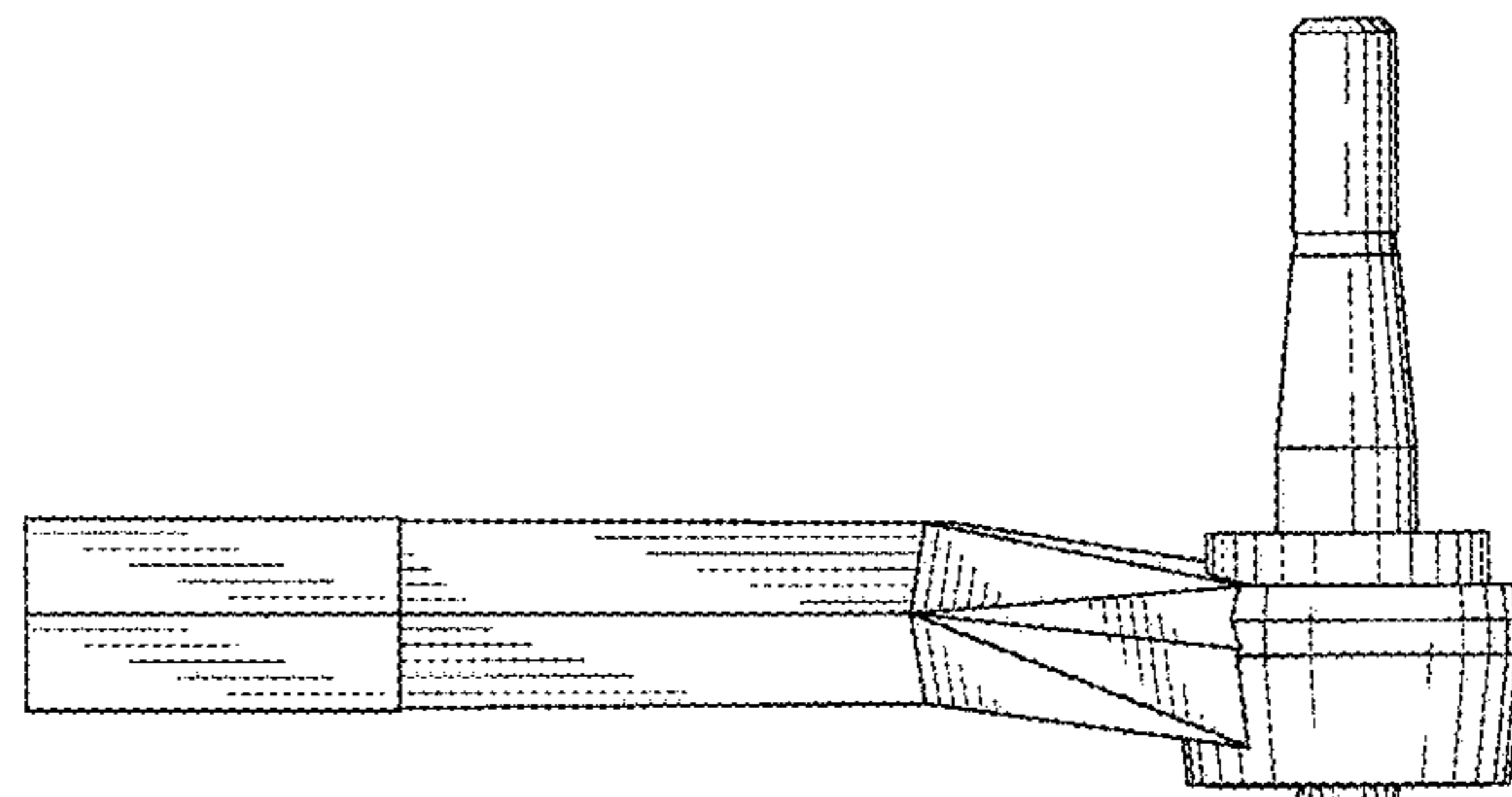
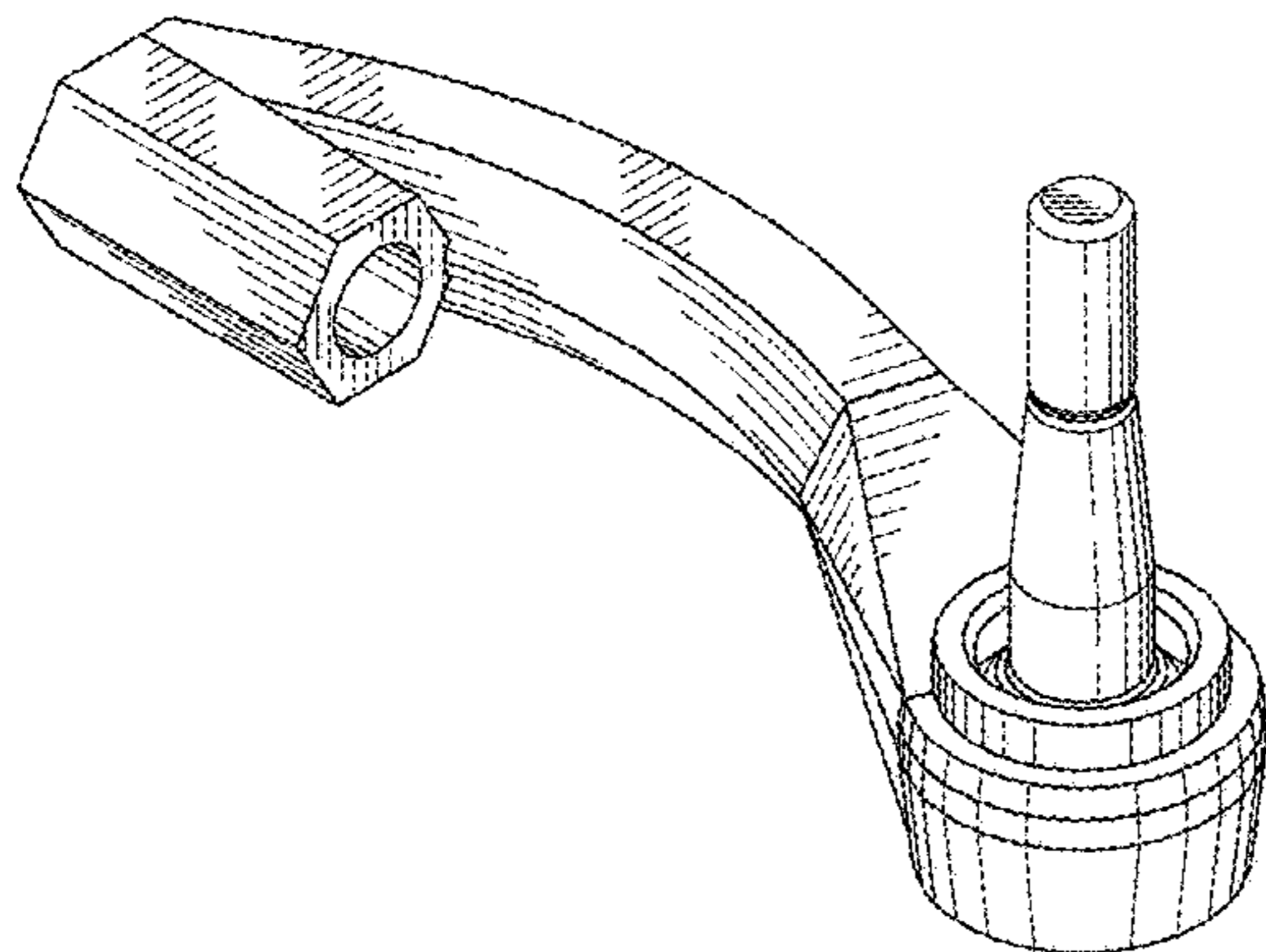
(57) **CLAIM**

The ornamental design for an outer tie rod end, as shown and described.

DESCRIPTION

FIG. 1 is a top front isometric view of an outer tie rod end, showing our design;
FIG. 2 is a bottom front isometric view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a front view thereof;
FIG. 5 is a right side view thereof;
FIG. 6 is a left side view thereof;
FIG. 7 is a top view thereof; and,
FIG. 8 is a bottom view thereof.

1 Claim, 5 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

9,327,570	B2 *	5/2016	Karpman	B60G 7/005
D785,513	S *	5/2017	Park	D12/159
2006/0133892	A1 *	6/2006	Martin	B62D 7/166 403/165
2006/0232035	A1 *	10/2006	Lambert	B62D 7/16 280/93.502
2007/0256886	A1 *	11/2007	Van Campenhout	B62D 3/12 180/428
2008/0197593	A1 *	8/2008	Byrne	B62D 7/20 280/86.757
2009/0179396	A1 *	7/2009	Gottschalk	B60G 9/003 280/86.5
2010/0124455	A1 *	5/2010	Zaloga	B62D 7/16 403/144
2014/0252741	A1 *	9/2014	Corby	B60G 3/06 280/124.134
2015/0251695	A1 *	9/2015	Burgess	B62D 7/16 403/343
2016/0347362	A1 *	12/2016	Bloink	B62D 7/18

OTHER PUBLICATIONS

Duralast Tie Rod End, posted at autozone, posting date not available. [online] [site visited Feb. 20, 2018]. Available from Internet. <URL: https://www.autozone.com/suspension-steering-tire-and-wheel/tie-rod-end/duralast-tie-rod-end/310577_405688_25184>.*

First Equipment Quality Tie Rod End, posted at Auto Parts Warehouse, posting date not available. [online] [site visited Feb. 20, 2018]. Available from Internet. <URL: https://www.autopartswarehouse.com/sku/First_Equipment_Quality/Tie_Rod_End/W0133-1656025.html>.*

Steering Tie Rod End Mevotech MS10691, posted at ebay, posting date Jan. 3, 2018. [online] [site visited Feb. 20, 2018]. Available from Internet. <URL: <https://www.ebay.com/p/Steering-Tie-Rod-End-Mevotech-MS10691/220236198?thm=1000>> (Year: 2018).*

Tie Rod Ends Front Inner and Outer Kit, posted at ebay, posting date Jan. 8, 2017. [online] [site visited Feb. 20, 2018]. Available from Internet. <URL: <https://www.ebay.com/itm/Tie-Rod-Ends-Front-Inner-Outer-Kit-Set-of-4-for-Cirrus-Sebring-Stratus-Breeze/311703252878>> (Year: 2017).*

* cited by examiner

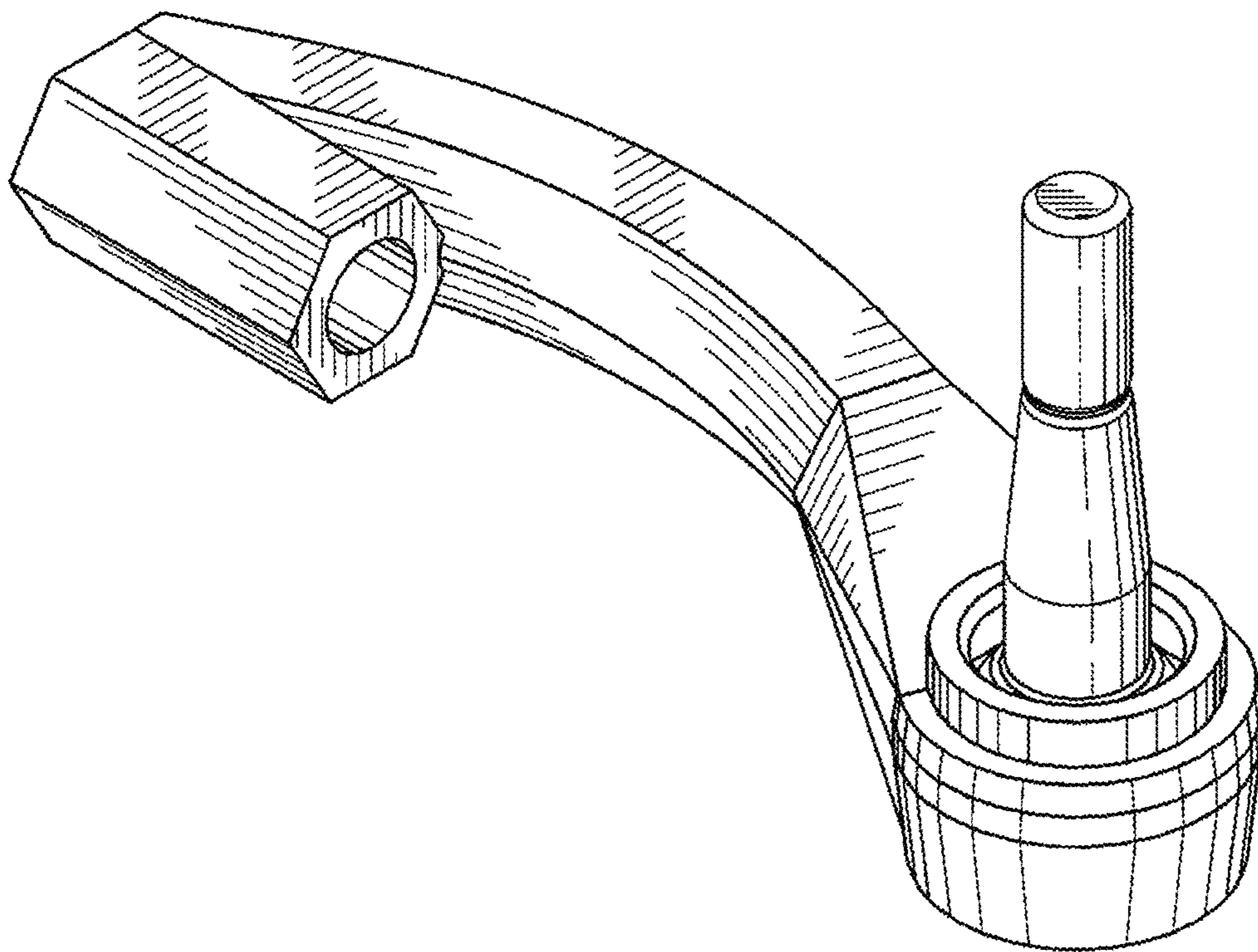


FIG. 1

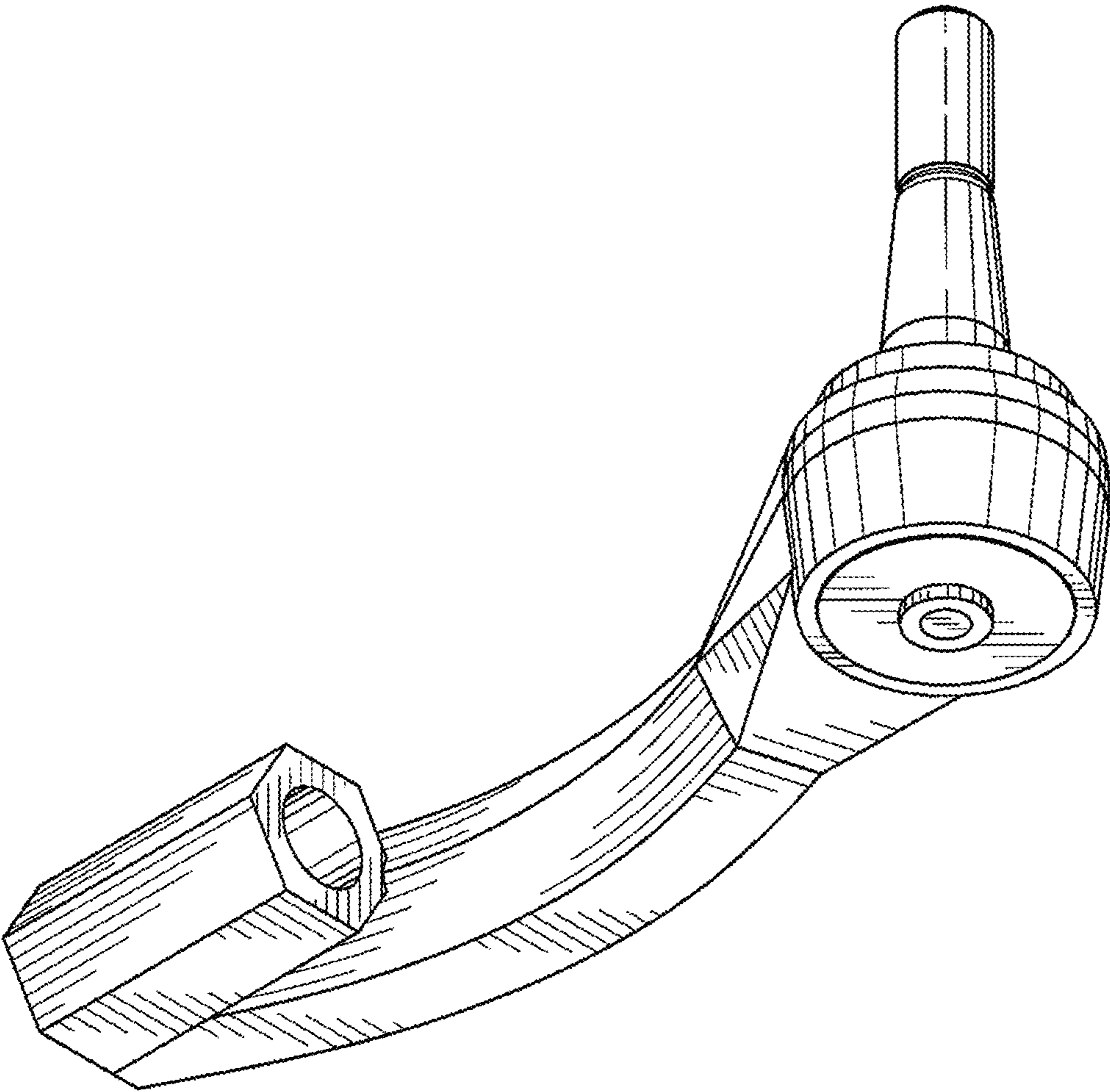


FIG.2

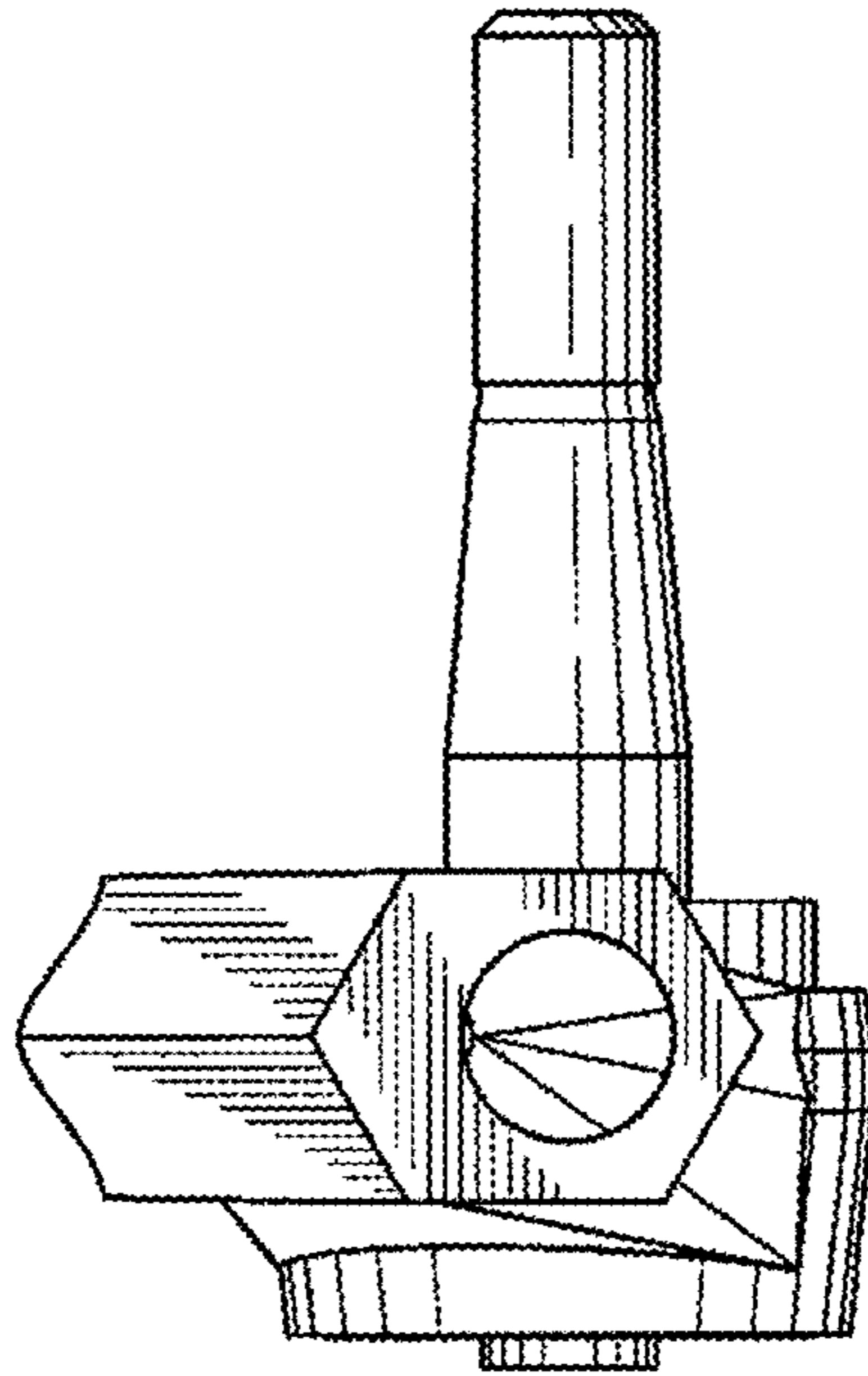


FIG.3

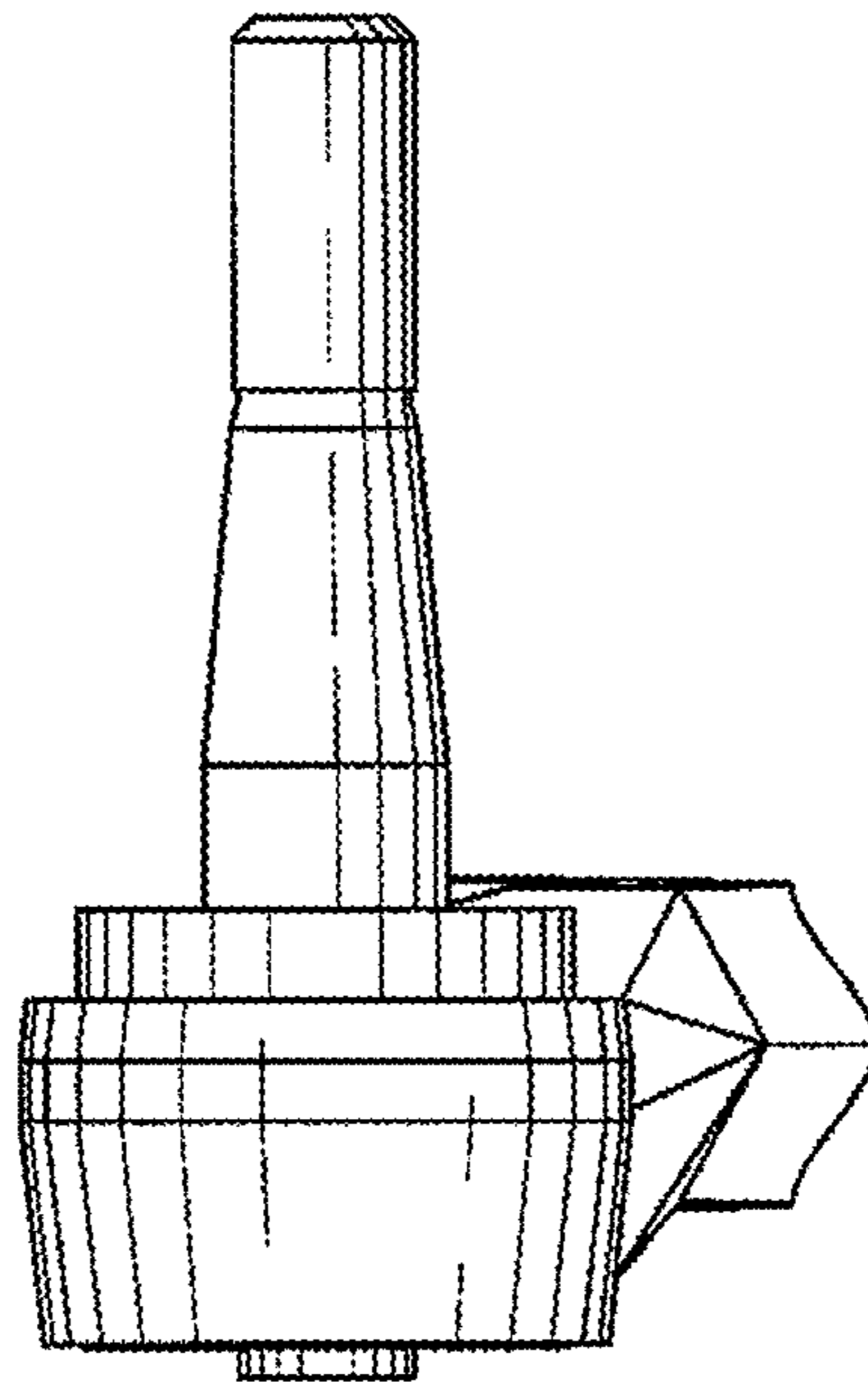


FIG.4

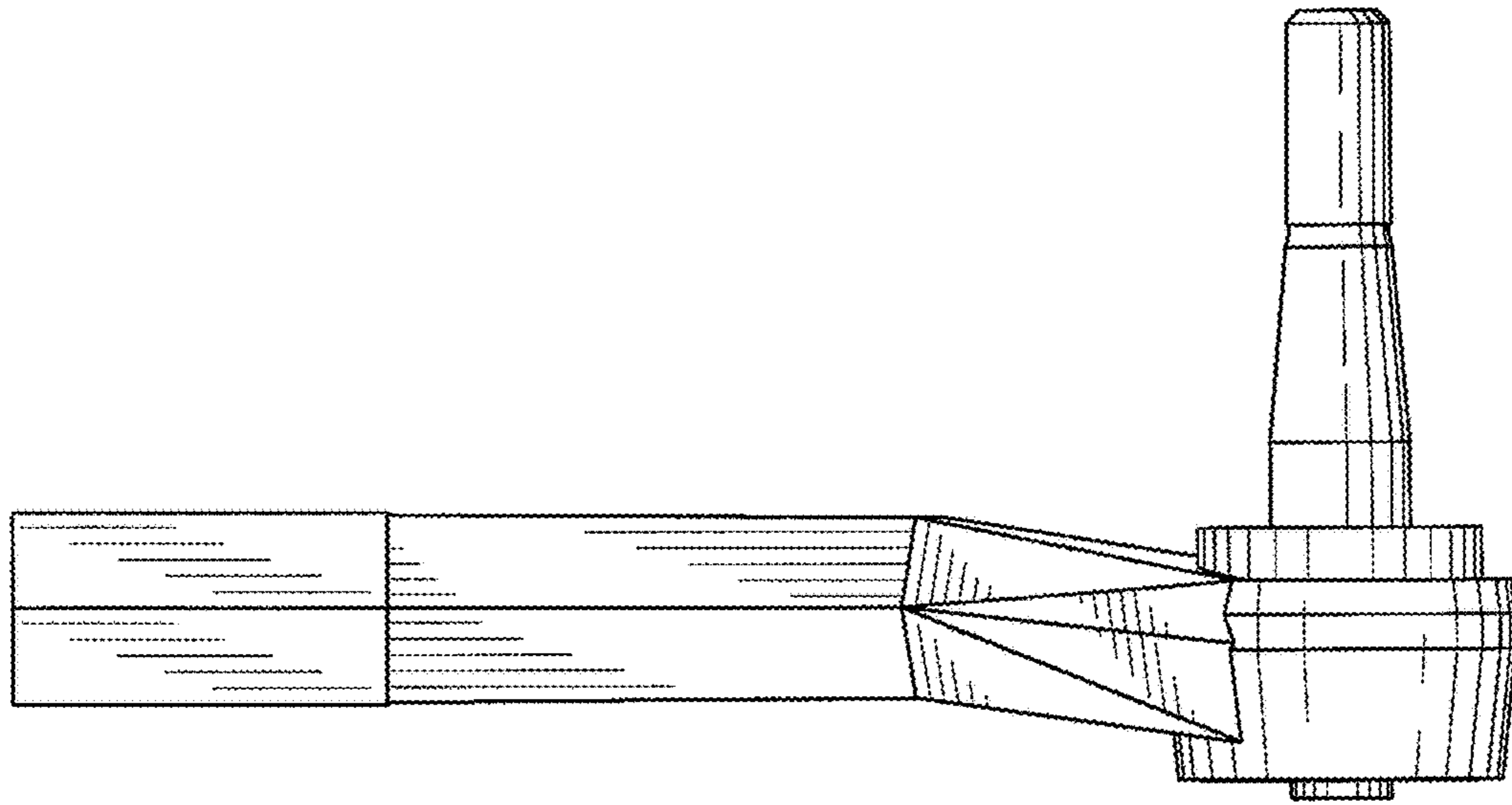


FIG. 5

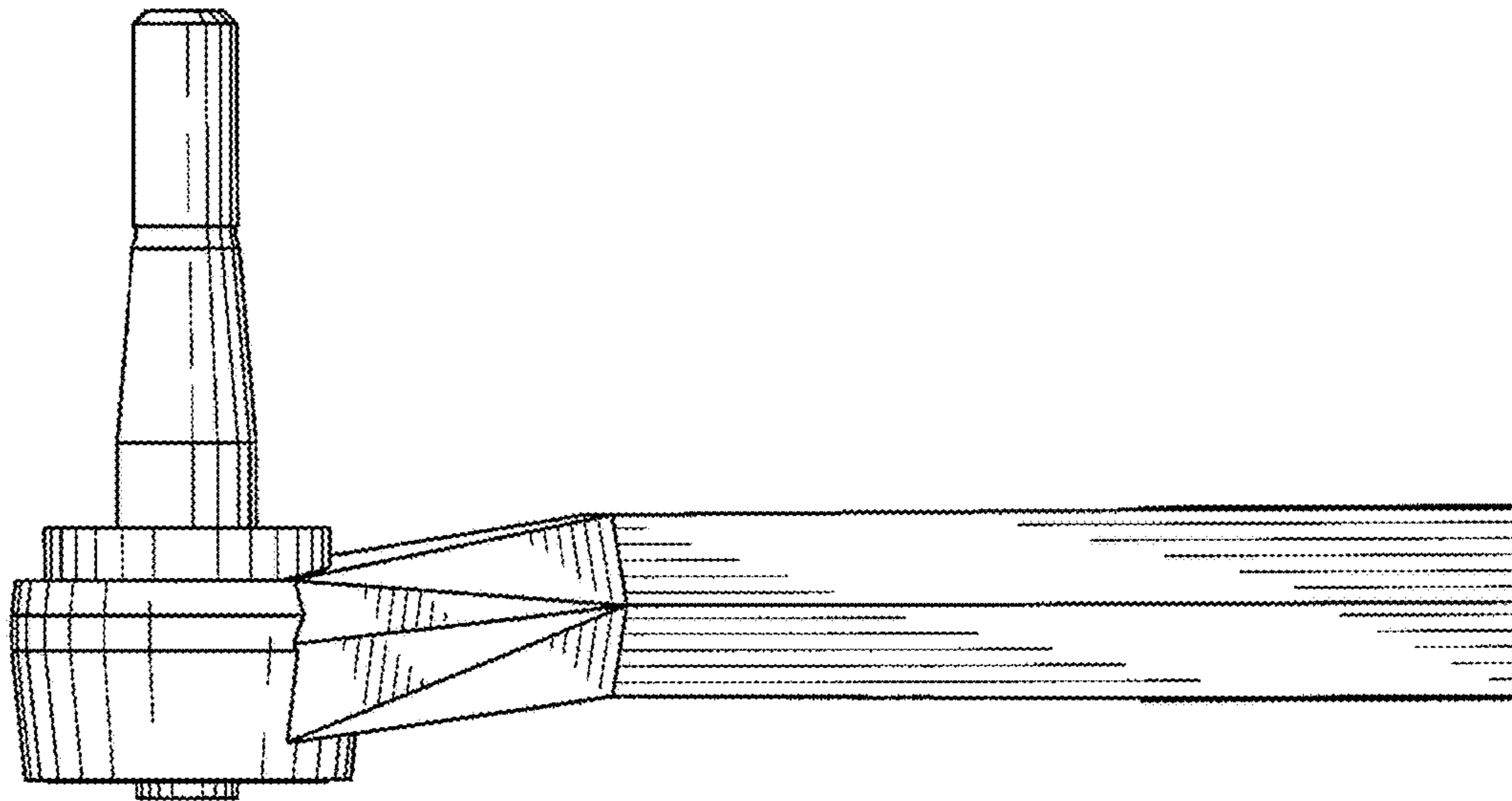


FIG. 6

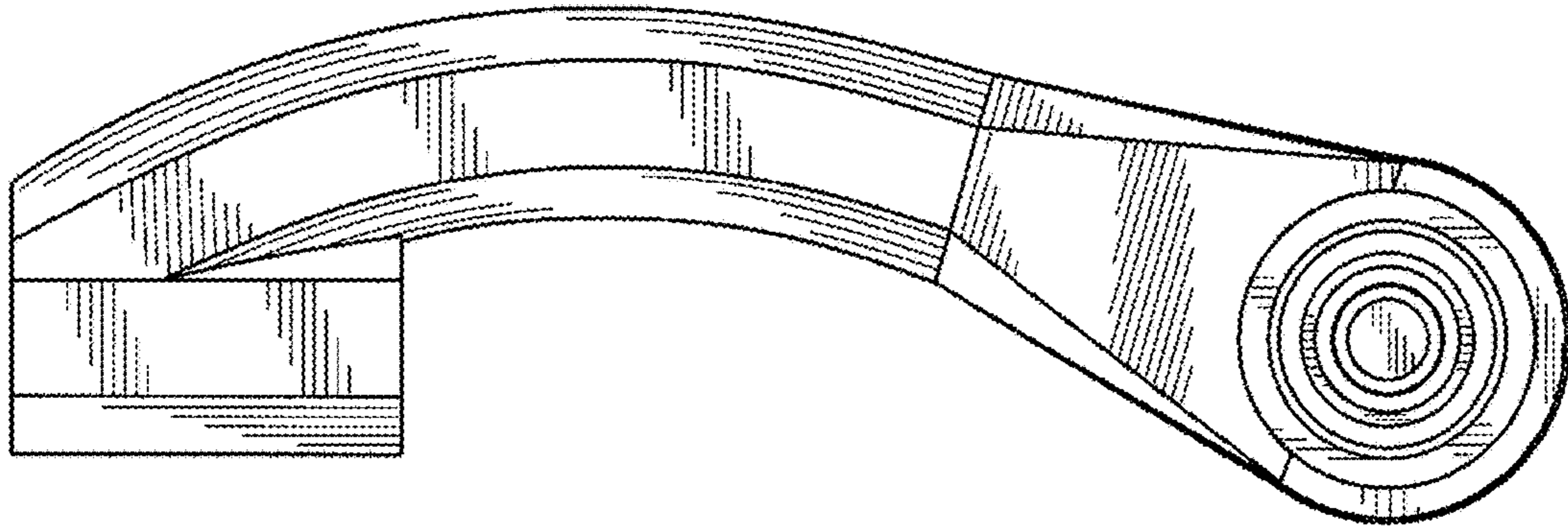


FIG. 7

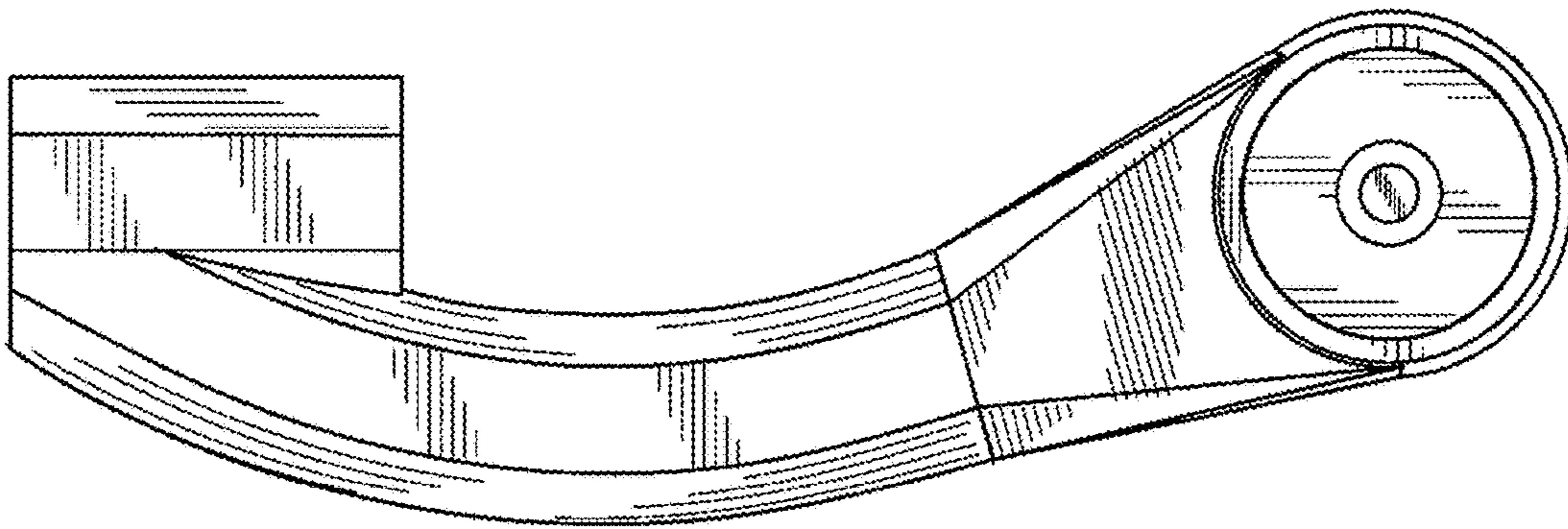


FIG. 8