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

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(54) **SCIENCE TOY**

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

USPC **D21/430**; D21/447; D21/450

(58) **Field of Classification Search**

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D21/541, 540, 533, 542, 546, 544, 552,
D21/548, 582

CPC A63H 27/02; A63H 27/04; A63H 27/06;
A63H 27/00; A63H 15/04; A63H 27/008;
A63H 27/007

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

- 1,317,128 A * 9/1919 Ferguson A63H 27/04
446/30
- 1,322,225 A * 11/1919 Bradbury A63H 29/18
446/60
- D54,885 S * 4/1920 Bennett D21/430
- D55,328 S * 5/1920 Roberts et al. D21/430
- D55,608 S * 7/1920 Grill D21/430
- D58,078 S * 6/1921 Fulton D21/430
- D58,108 S * 6/1921 Purcell D21/450
- 1,514,602 A * 11/1924 Charland A63H 27/04
472/10
- D75,770 S * 7/1928 Berger D21/450
- D80,331 S * 1/1930 Rubel D21/450
- 1,778,699 A * 10/1930 Welch A63H 21/02
446/228
- 1,853,567 A * 4/1932 Marx A63H 27/04
472/9

- 2,351,504 A * 6/1944 Guillow A63H 27/001
446/68
- 3,119,611 A * 1/1964 Bennett A63H 27/04
434/33
- 3,548,535 A * 12/1970 Bryan A63H 27/04
472/10

(Continued)

FOREIGN PATENT DOCUMENTS

- CN 302031215 * 8/2012
- CN 104548619 A * 4/2015

(Continued)

OTHER PUBLICATIONS

J.R.F., “Solar Driven Model Tri-Plane,” Oct. 20, 2018 (review),
garrettwade.com, site visited Jun. 29, 2022, URL: https://garrettwade.com/product/solar-driven-model-tri-plane?gclid=EA1a1QobChM1mJHm6qDT-AIVSUpyCh17GATHEAQYASABEgKicPD_BwE (Year: 2018).*

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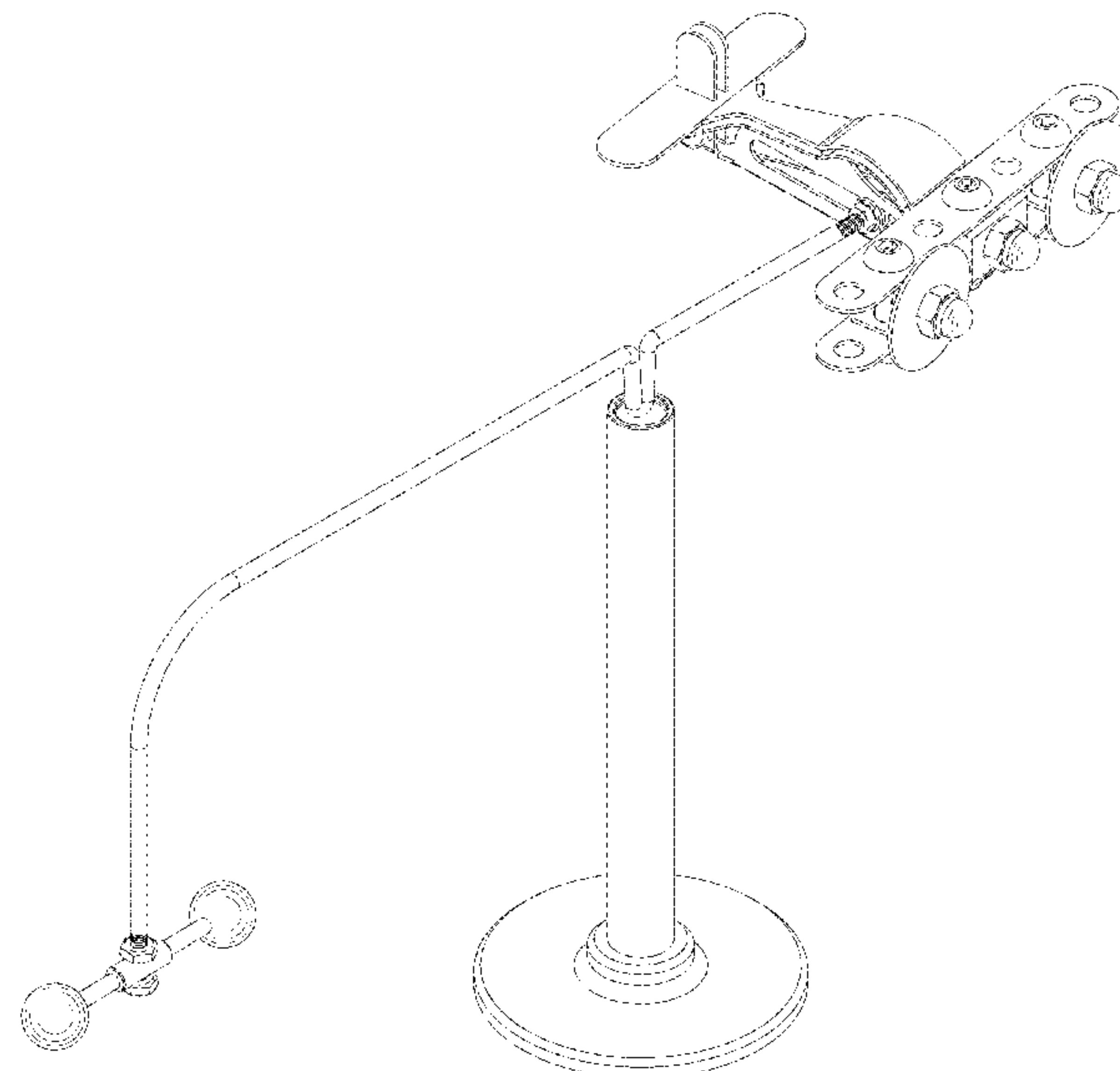
(57) **CLAIM**

The ornamental design for a science toy, as shown and described.

DESCRIPTION

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

1 Claim, 8 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

3,919,805 A * 11/1975 Stanzel A63H 27/04
 446/33
 D238,888 S * 2/1976 Bradley, Jr. D21/430
 D250,726 S * 1/1979 Venditti D21/450
 D250,786 S * 1/1979 Venditti D21/450
 D255,911 S * 7/1980 Theodore D21/450
 D257,468 S * 10/1980 Schoch A63H 27/04
 D21/450
 D257,863 S * 1/1981 Enzman A63H 27/04
 D21/450
 D259,478 S * 6/1981 Schoch A63H 21/02
 D21/450
 D265,918 S * 8/1982 Schoch D21/450
 D271,987 S * 12/1983 House D21/450
 D347,249 S * 5/1994 Cull A63H 27/001
 D21/450
 D358,432 S 5/1995 Harada
 D875,840 S * 2/2020 Wu A63H 27/04
 D21/447

FOREIGN PATENT DOCUMENTS

CN 210963922 U * 7/2020
 CN 215136856 U * 12/2021
 HK 2017109-0001 * 1/2021
 KR 300840607.0000 * 2/2016 A63H 27/04
 WO WO-2005032681 A2 * 4/2005 A63H 27/04

OTHER PUBLICATIONS

“How to Make Propeller plane from cardboard and DC motor,” Nov. 24, 2019, youtube.com, site visited Jun. 29, 2022, URL: <https://www.youtube.com/watch?v=8nLAtTAcFrk> (Year: 2019).
 Sabrina F, “What is a gift for my boyfriend, you can spend think white wildly and it still maintains control,” Jan. 21, 2021 (review), amazon.com, site visited Jun. 29, 2022, URL: <https://www.amazon.com/Sunnytech-Balance-Physics-Balancing-Decompressive/dp/B01N7O717E?th=1> (Year: 2021).*

* cited by examiner

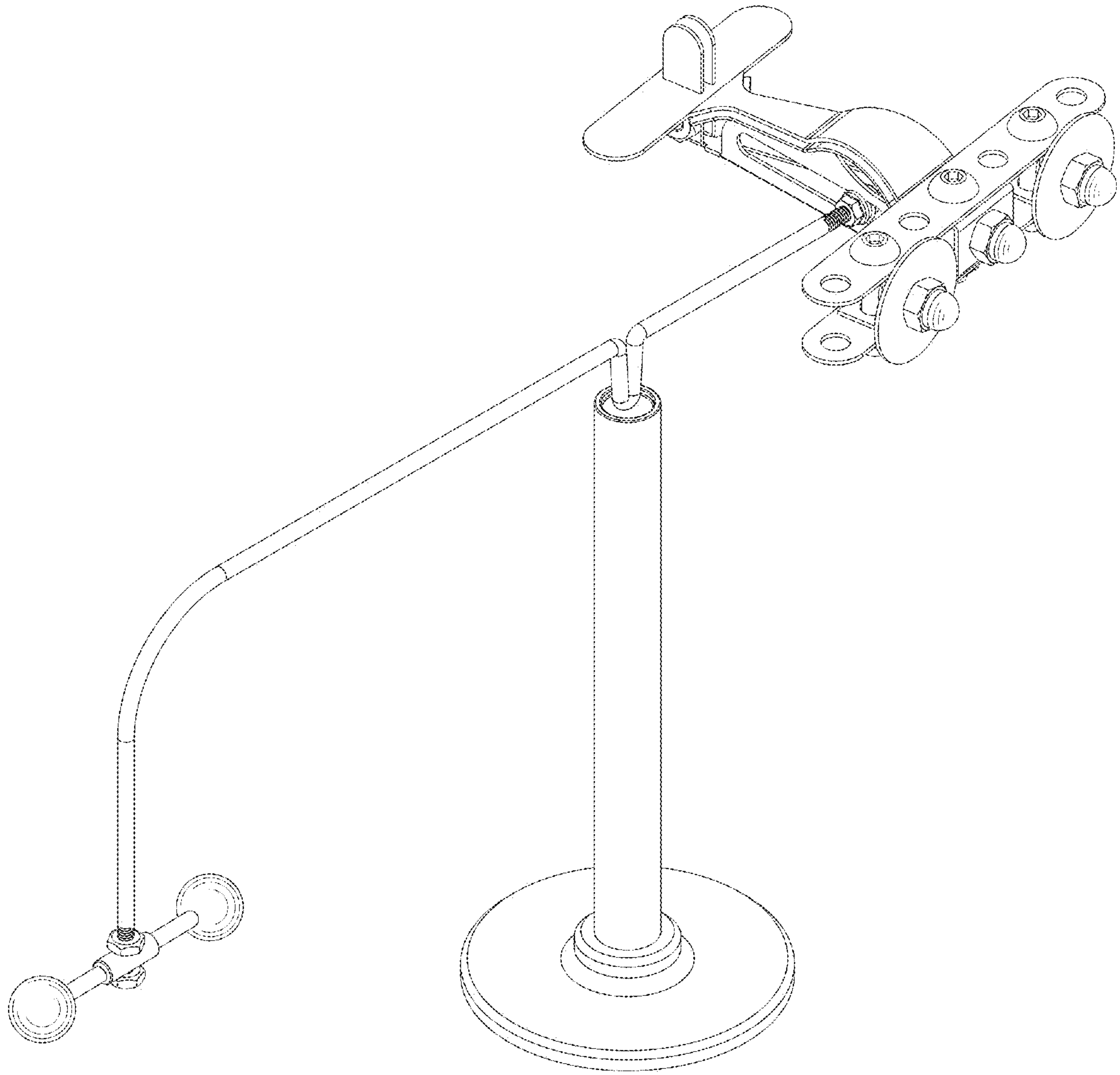


FIG. 1

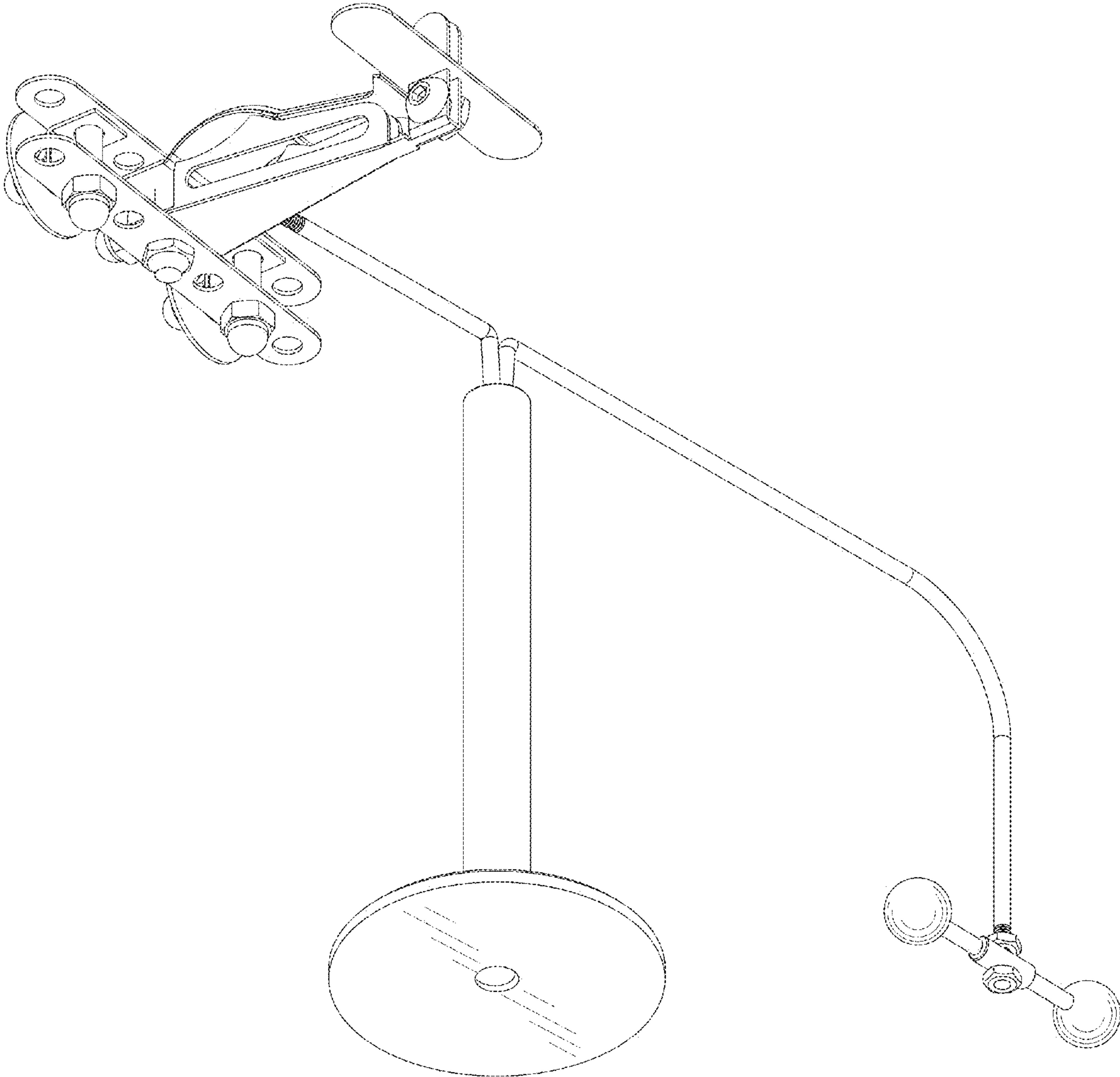


FIG. 2

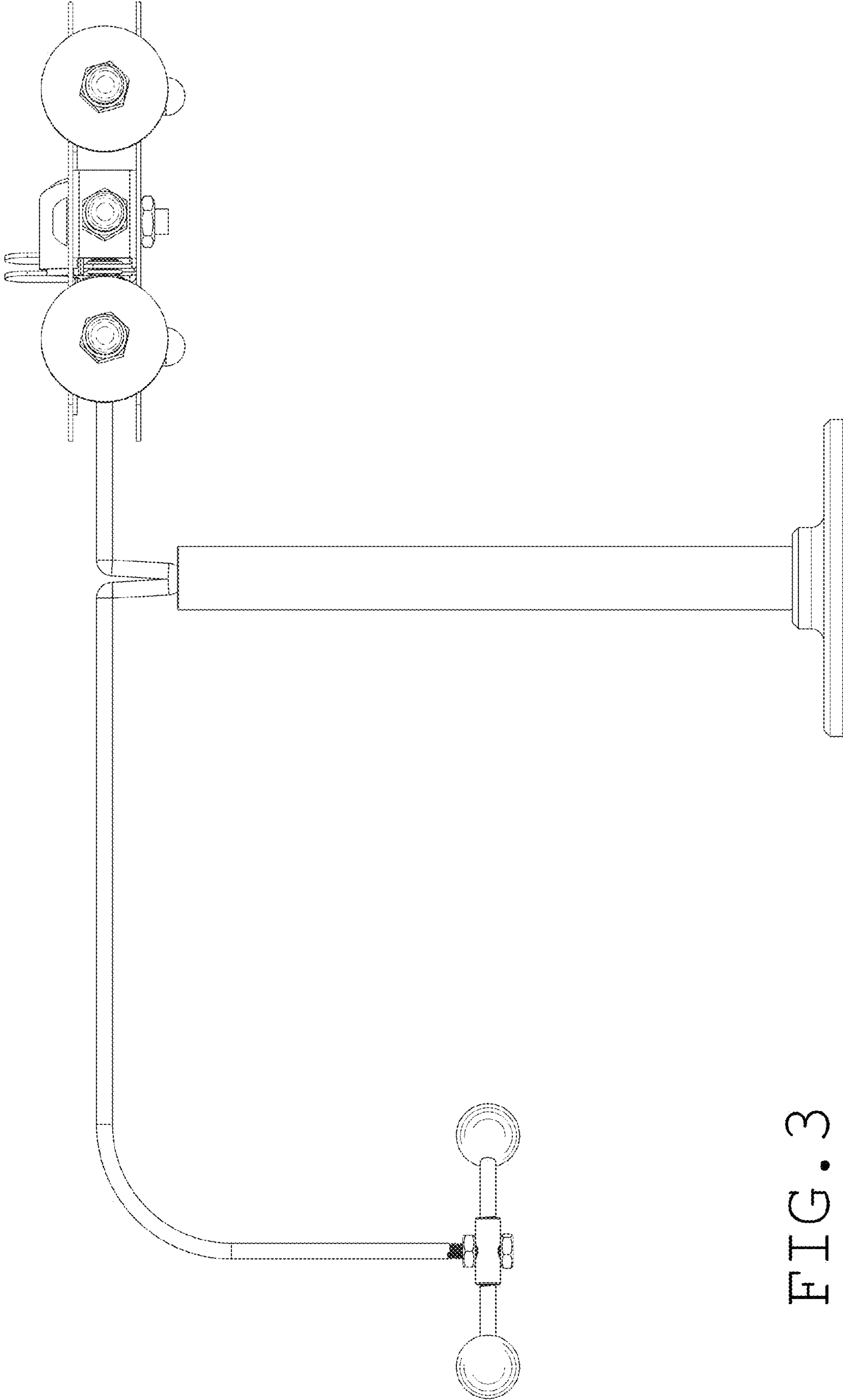


FIG. 3

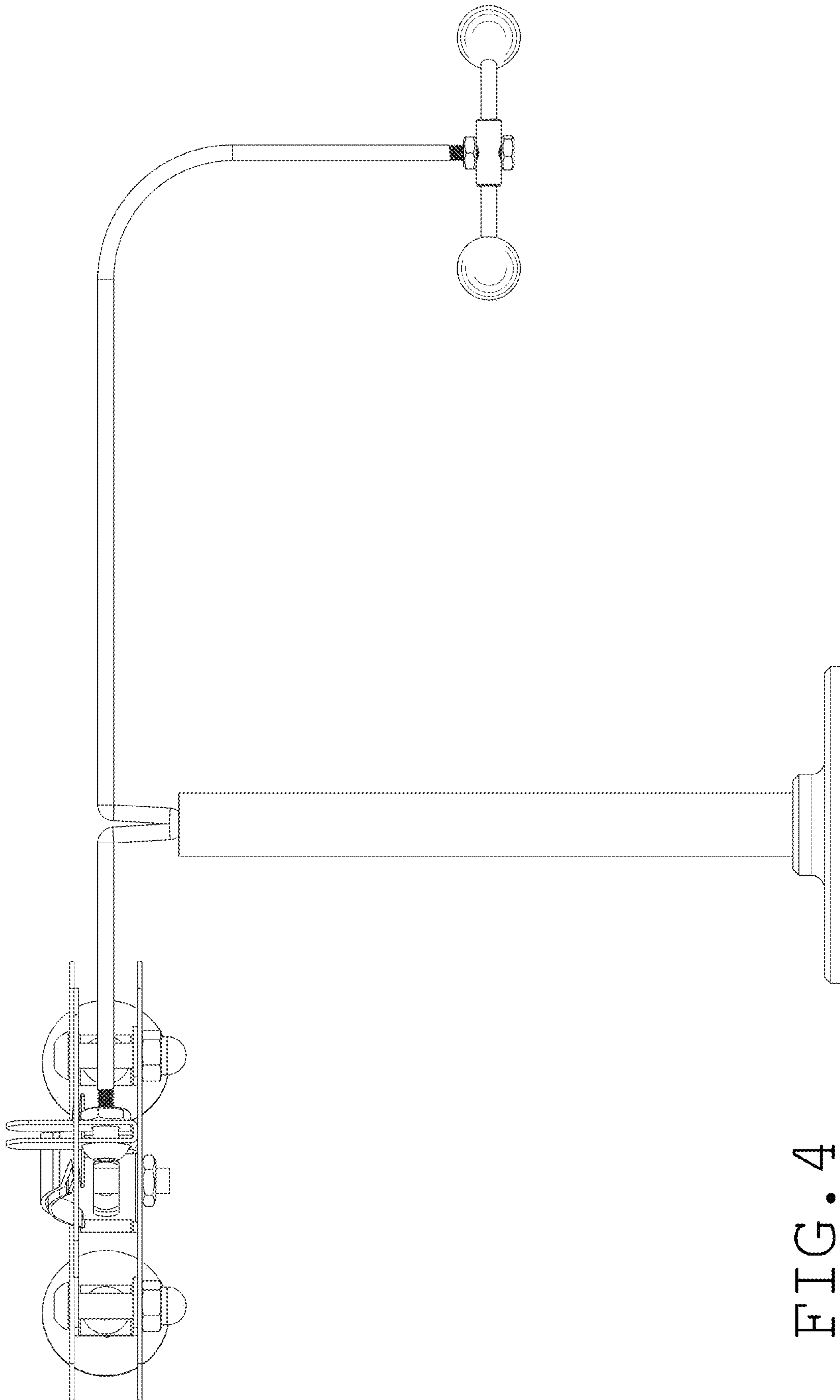


FIG. 4

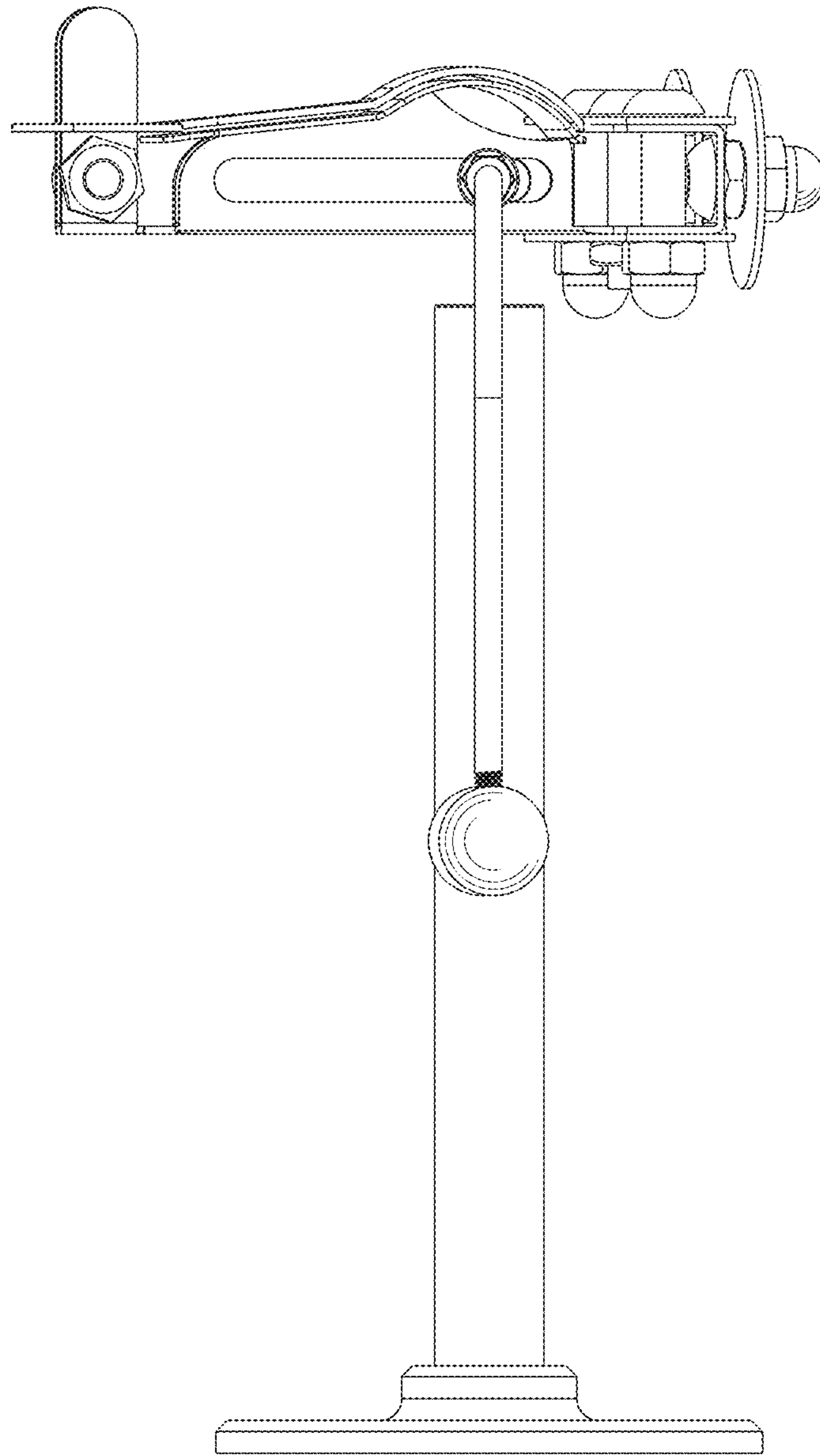


FIG. 5

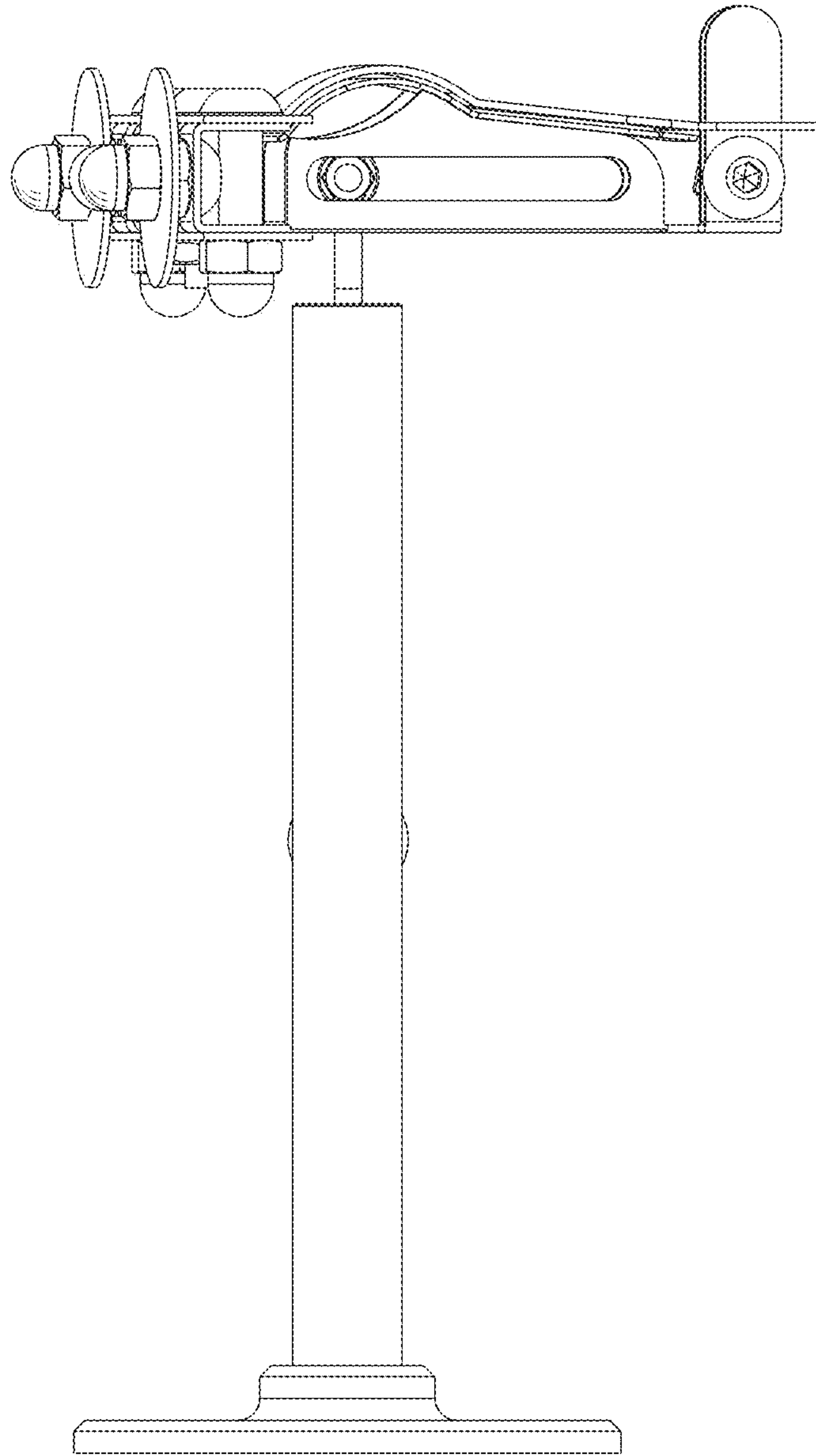


FIG. 6

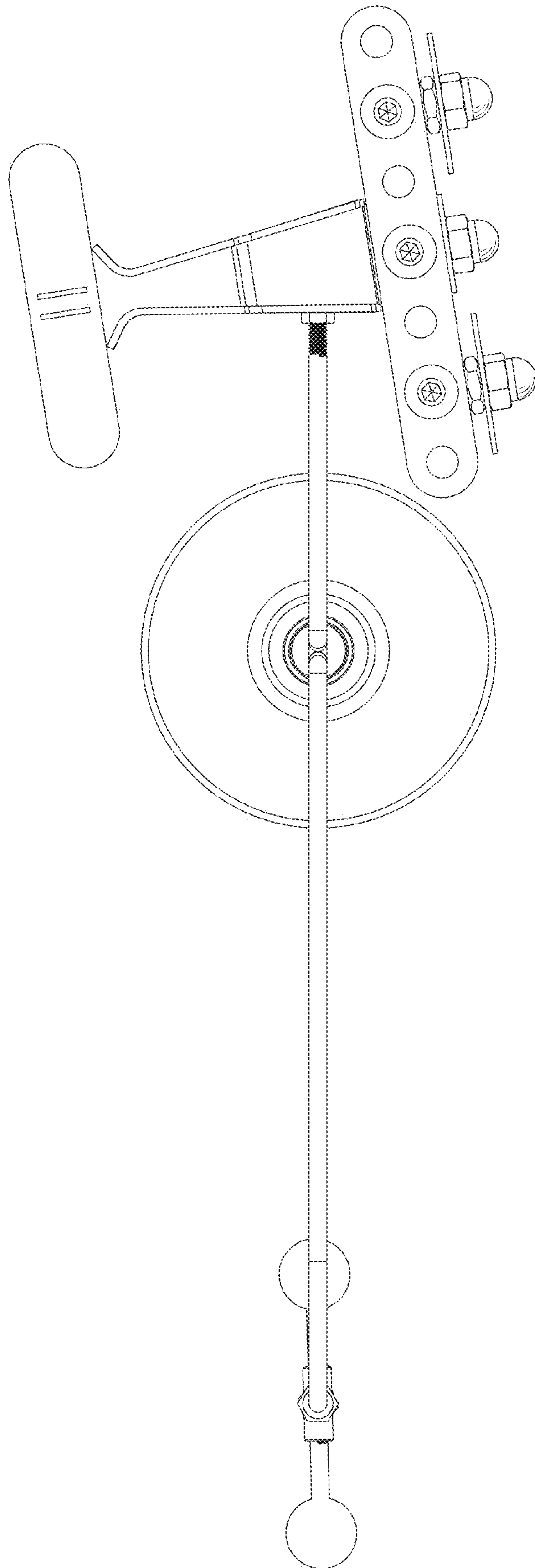


FIG. 7

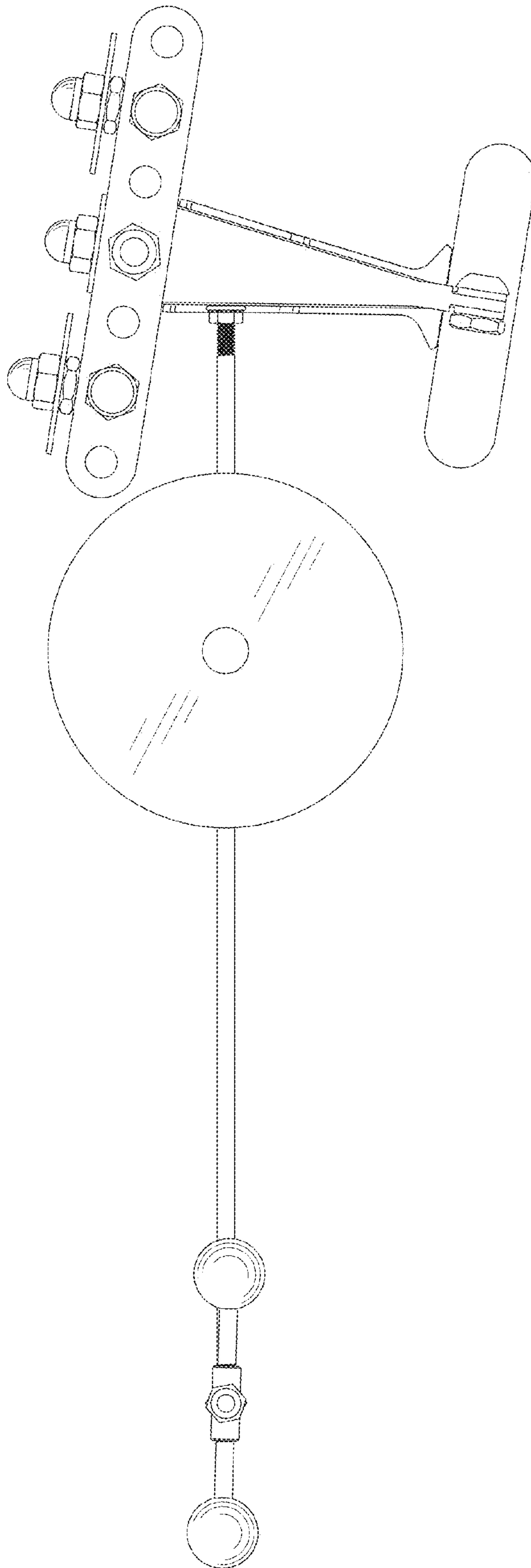


FIG. 8