



US00D985684S

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

(10) **Patent No.:** **US D985,684 S**

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(54) **TOY MICROSCOPE**

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(72) Inventor: **Weijun Xu**, Shantou (CN)

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (14) Cl.** ..... **21-01**

(52) **U.S. Cl.**  
USPC ..... **D21/528**; D21/529; D16/131

(58) **Field of Classification Search**  
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D21/365-367, 397-398, 468, 470, 483,  
D21/485, 493-494, 500-503, 506-507,  
D21/519, 522-525, 528-529, 532, 615;  
D16/131  
CPC .... A63H 2200/00; A63H 33/22; A63H 33/30;  
A63H 33/3094; A63H 33/3072; A63H  
33/425; A63H 33/42; G02B 21/002;  
G02B 21/00; G02B 21/0004; G02B  
21/0008; G02B 21/0012; G02B 21/0016;  
G02B 21/0024; G02B 21/0088; G02B  
21/0092; G02B 21/0096; G02B 21/0028;  
G02B 21/0032

See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

1,837,993 A \* 12/1931 Patterson ..... G02B 21/00  
359/368  
2,214,367 A \* 9/1940 Gallasch ..... G02B 21/00  
D16/131

4,190,313 A \* 2/1980 Schultz ..... G02B 21/0088  
359/379  
4,192,580 A \* 3/1980 Meyer ..... G02B 21/0008  
359/801  
D287,520 S \* 12/1986 Yoke ..... D21/579  
(Continued)

**OTHER PUBLICATIONS**

Cai, Chunpeng, CN Design No. 306588798, published at Orbit, publication date Jun. 4, 2021. Site visited Aug. 27, 2022. Available from Internet. (Year: 2021).\*

(Continued)

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(57) **CLAIM**

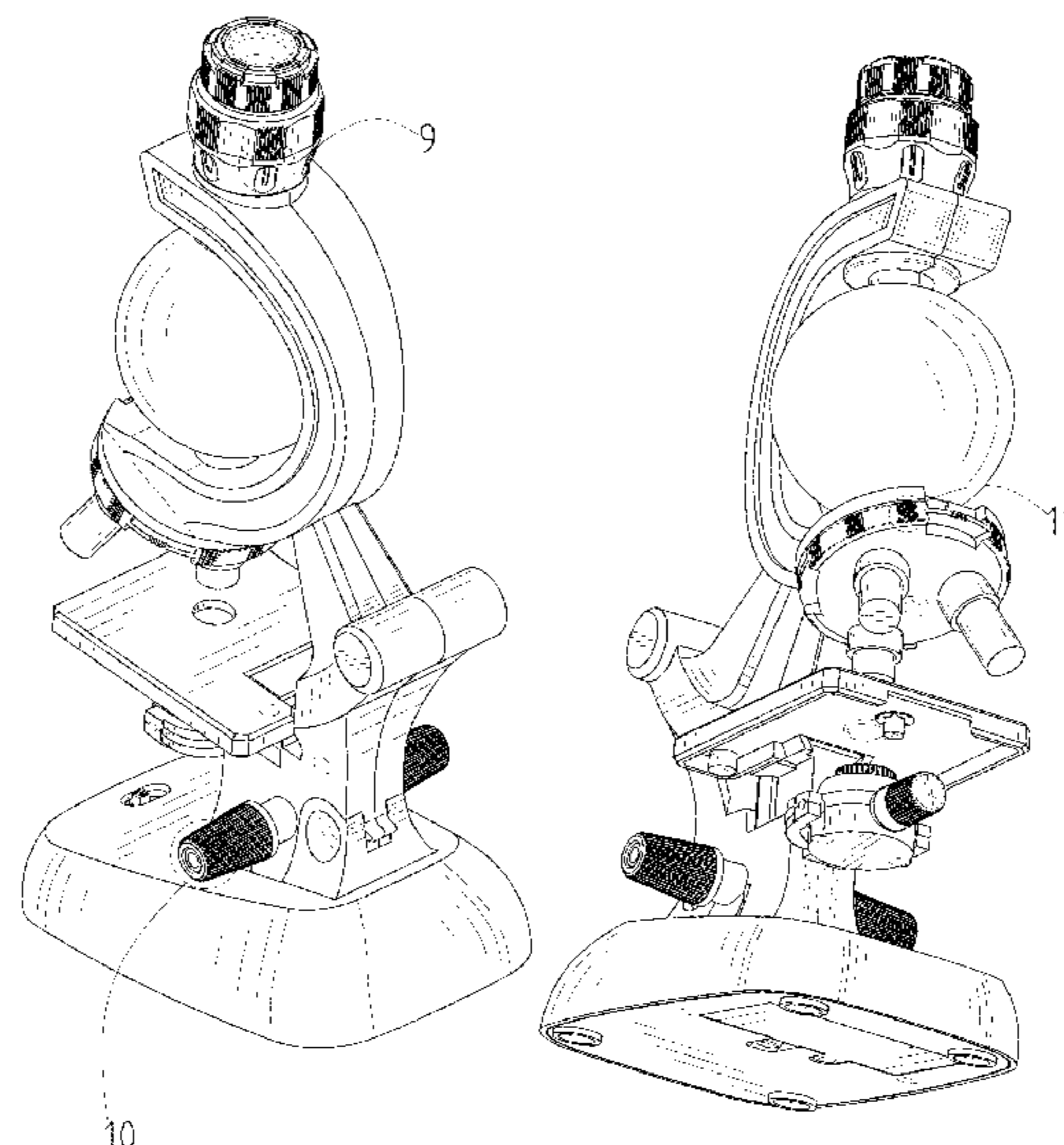
The ornamental design for a toy microscope, as shown and described.

**DESCRIPTION**

FIG. 1 is a first perspective view of a toy microscope showing my new design;  
FIG. 2 is a second perspective view thereof;  
FIG. 3 is a front view thereof;  
FIG. 4 is a back view thereof;  
FIG. 5 is a left side view thereof;  
FIG. 6 is a right side view thereof;  
FIG. 7 is a top view thereof;  
FIG. 8 is a bottom view thereof;  
FIG. 9 is an enlarged view of the selected portion of FIG. 1;  
FIG. 10 is an enlarged view of the selected portion of FIG. 1; and,  
FIG. 11 is an enlarged view of the selected portion of FIG. 2.

The evenly spaced broken lines shown in the drawings depict portions of the toy microscope that form no part of the claimed design; the unevenly spaced broken lines shown in FIGS. 1, 2, and 9-11 indicate outer limits of enlarged views and form no part of the claimed design.

**1 Claim, 11 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

D301,498 S \* 6/1989 Nuttal ..... D21/523  
 D401,976 S \* 12/1998 Wong ..... D21/483  
 D401,977 S \* 12/1998 Wong ..... D21/483  
 D436,972 S \* 1/2001 Tai ..... D16/131  
 D451,524 S \* 12/2001 Morris ..... D15/135  
 D460,128 S \* 7/2002 Rosen ..... D21/483  
 6,714,348 B2 \* 3/2004 Dunn ..... G02B 21/0008  
 359/368  
 D509,232 S \* 9/2005 Yeung ..... D16/131  
 D518,840 S \* 4/2006 Copeland ..... D16/131  
 7,262,906 B2 \* 8/2007 Gilbert ..... G02B 21/24  
 359/368  
 D566,147 S 4/2008 Chan  
 D607,031 S \* 12/2009 Hoelbl ..... D16/131  
 D633,539 S 3/2011 Kung  
 D681,087 S \* 4/2013 Kung ..... D16/131  
 D748,176 S 1/2016 Hofmann et al.

D754,229 S \* 4/2016 Aschenbach ..... D16/131  
 D956,119 S \* 6/2022 Zhang ..... D16/131  
 2018/0143416 A1 \* 5/2018 Cho ..... G02B 21/242

OTHER PUBLICATIONS

Xu, Weijun, CN Design No. 304607564, published at Orbit, publication date May 1, 2018. Site visited Aug. 27, 2022. Available from Internet. (Year: 2018).\*

Microscope for Kids, Dual Light Microscope Science Kit, posted at Amazon, posting date Apr. 6, 2021. Site visited Aug. 27, 2022. URL: <<https://www.amazon.com/Microscope-Beginners-Educational-80X-1200X-Magnification/dp/B091T84GJZ/>> (Year: 2021).\*

Artenjoyfine Science Microscope Kit, posted at Amazon, posting date Nov. 27, 2021. Site visited Aug. 27, 2022. URL: <<https://www.amazon.com/Artenjoyfine-Microscope-Magnification-Light%E2%8C%8CGlobe%E2%8C%8CSpeciman-Educational/dp/B09MNCN5Z8/>> (Year: 2021).\*

\* cited by examiner

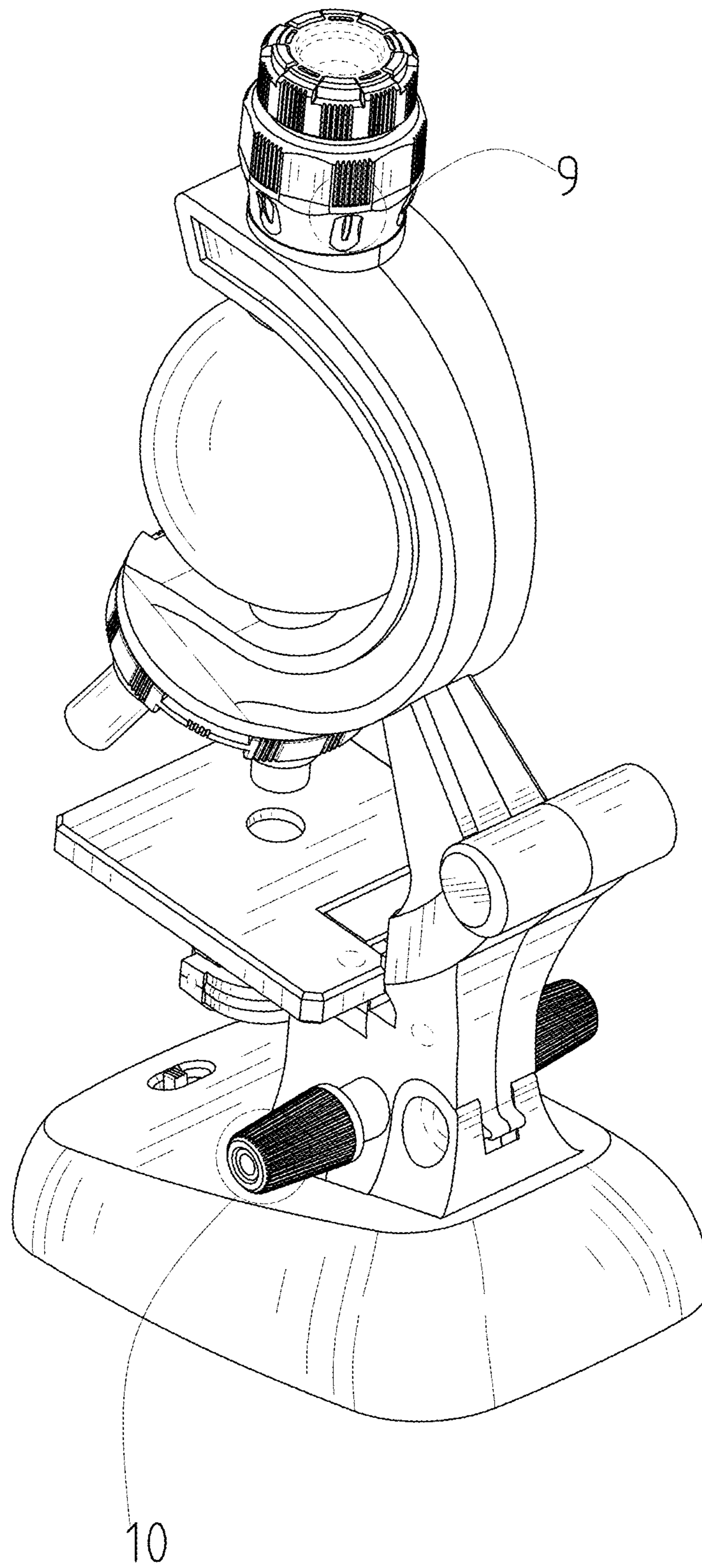


FIG. 1



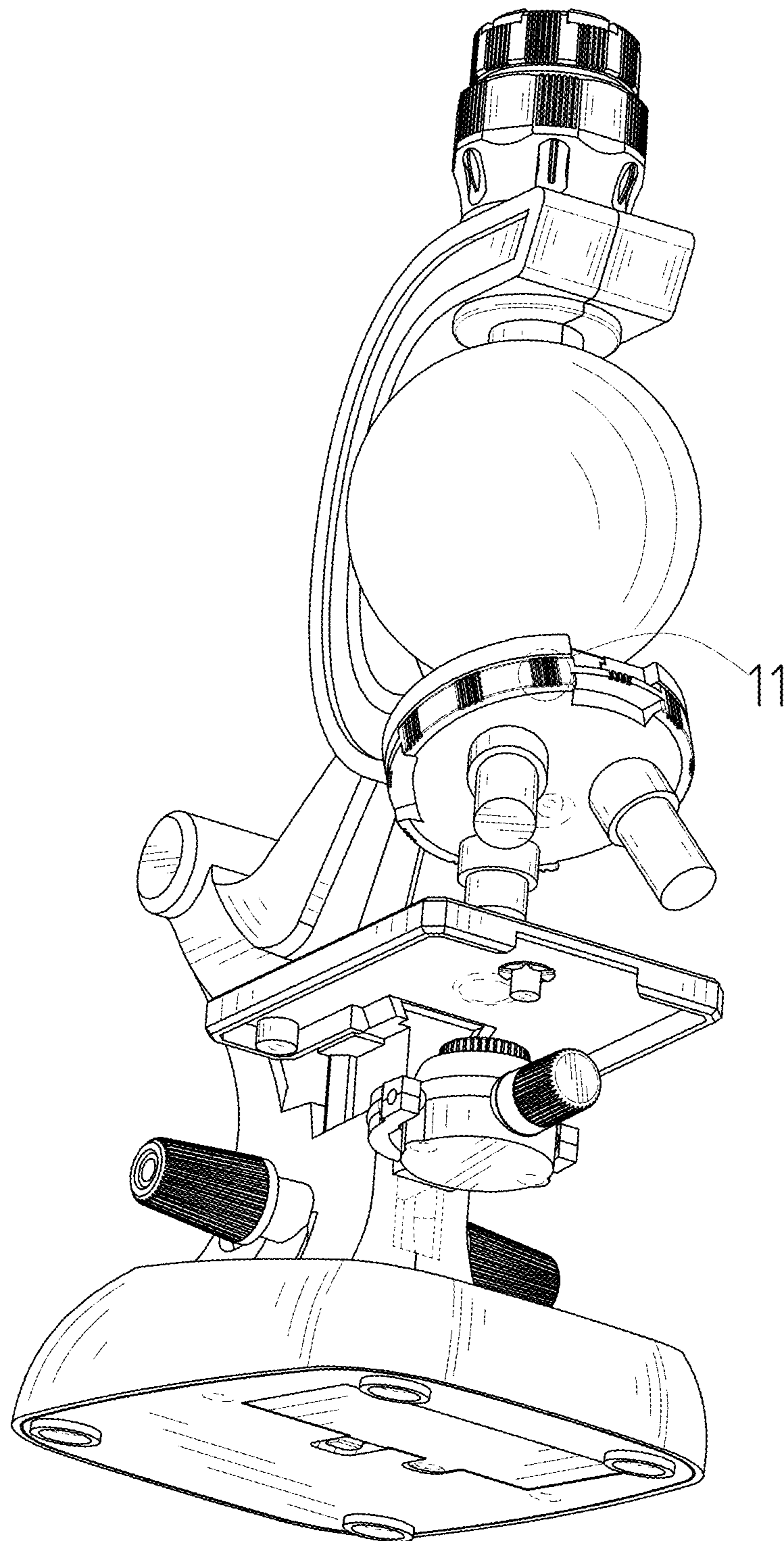


FIG. 2

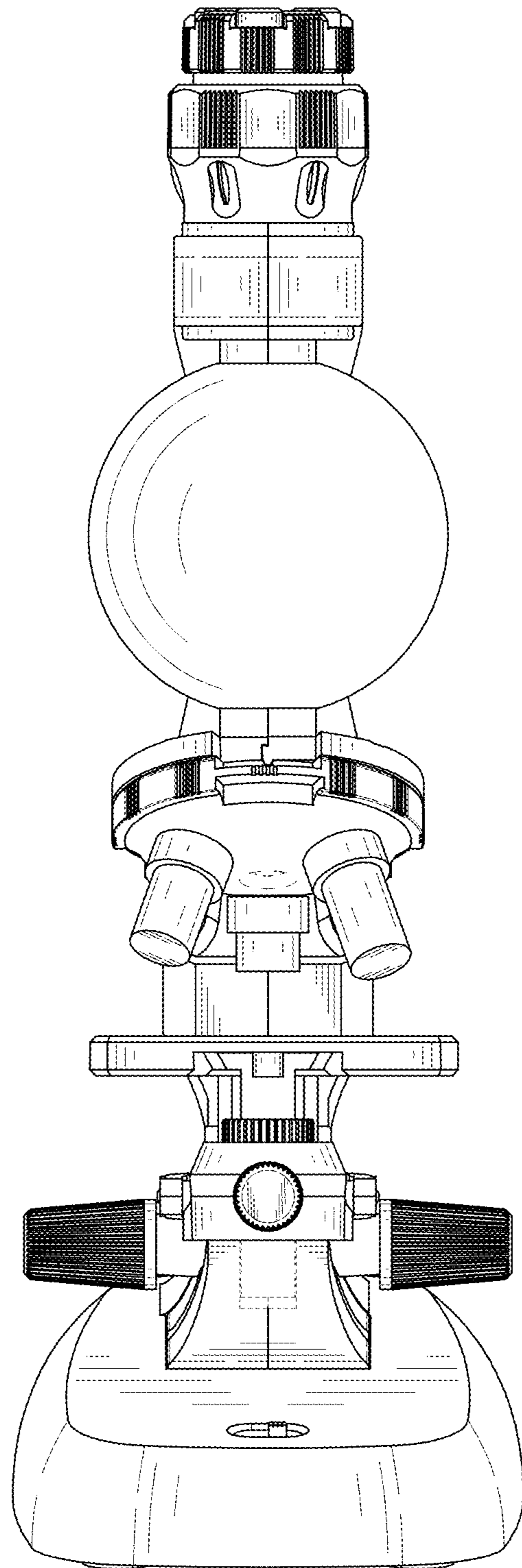


FIG. 3

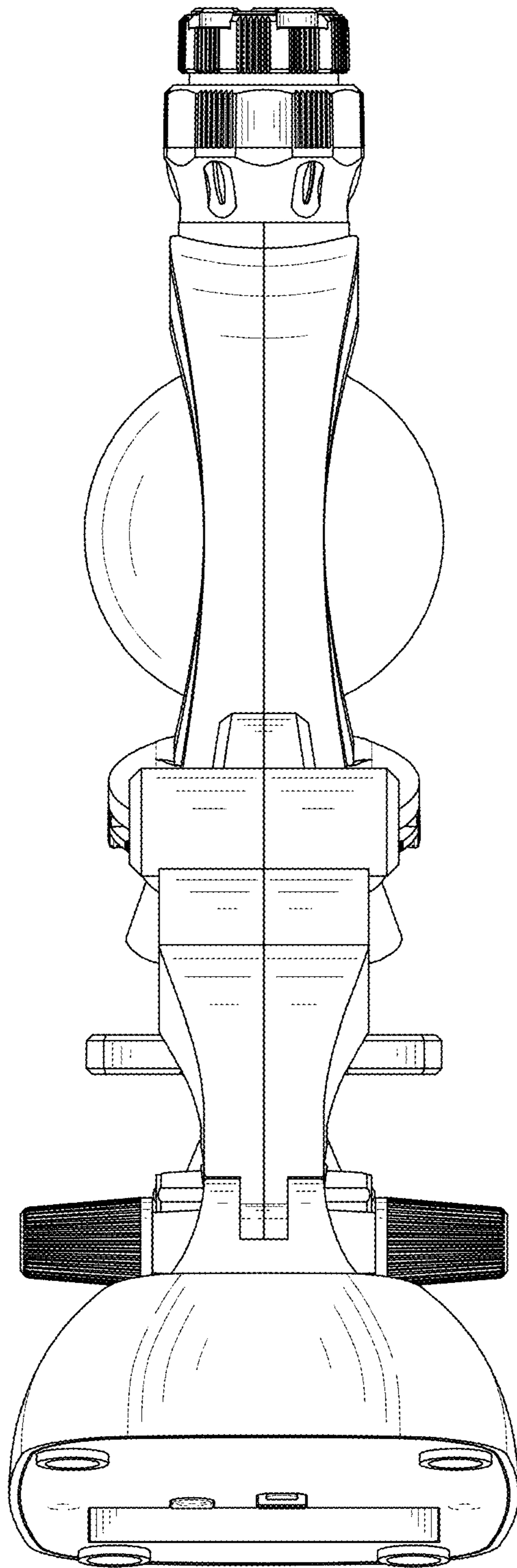


FIG. 4

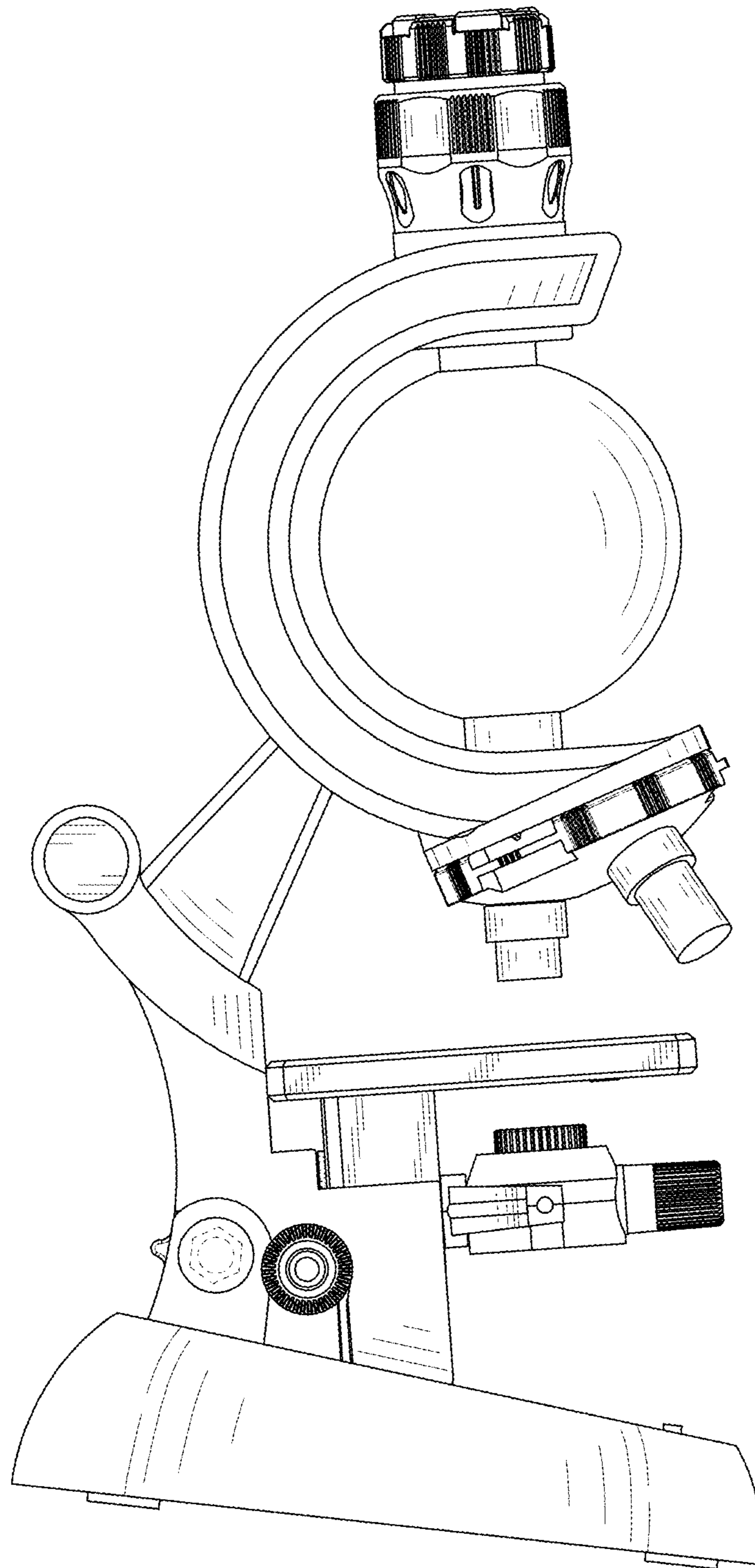


FIG. 5

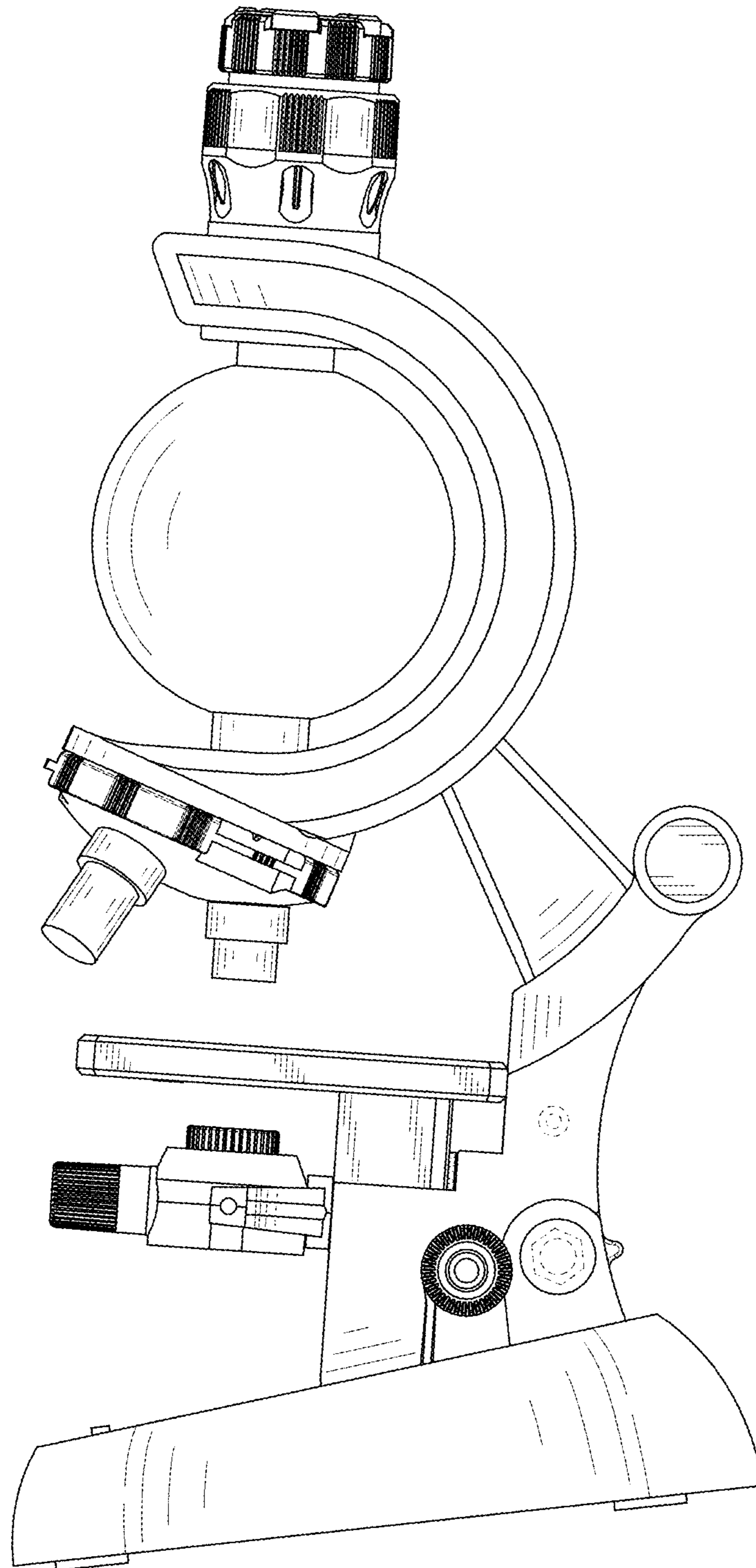


FIG. 6



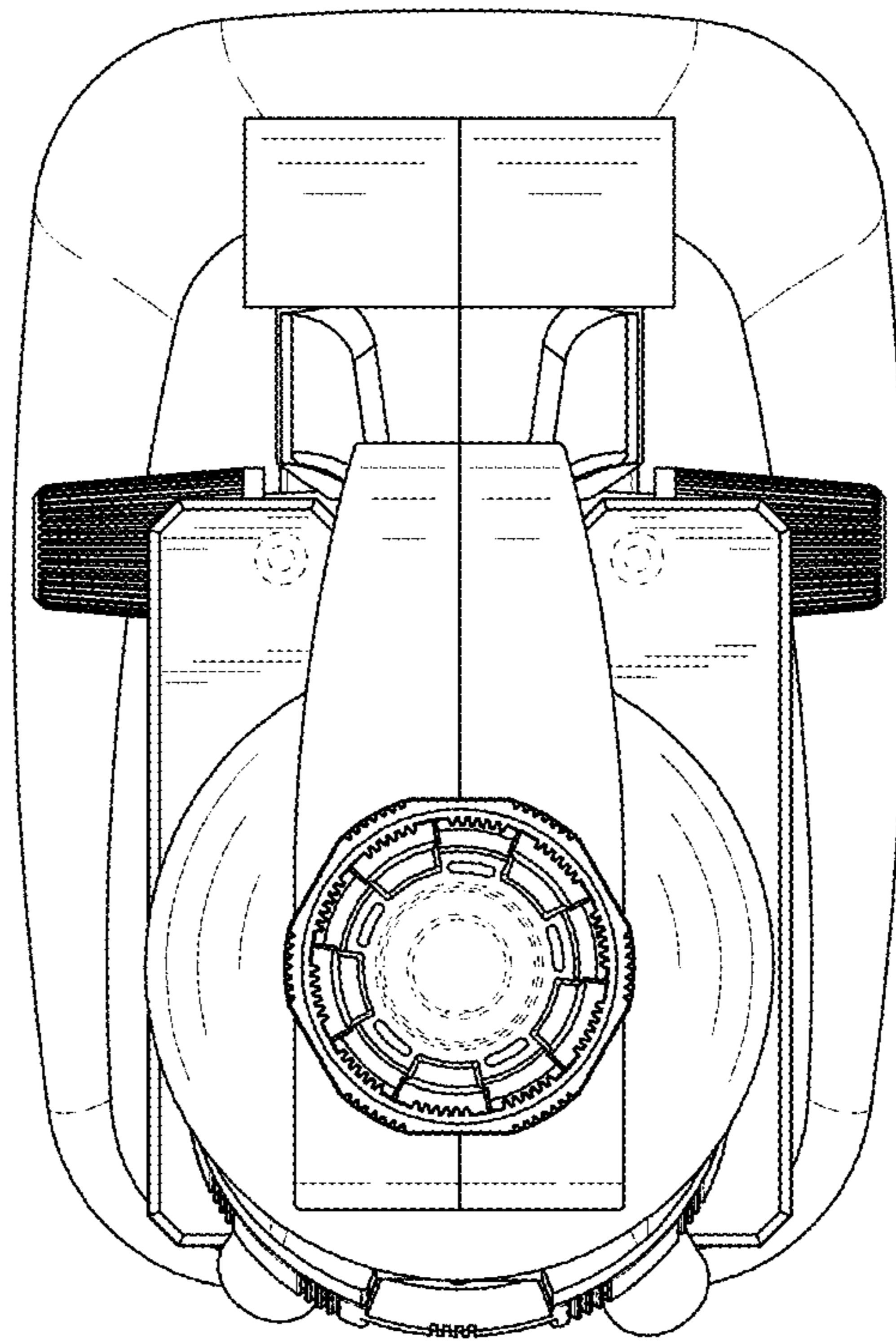


FIG. 7

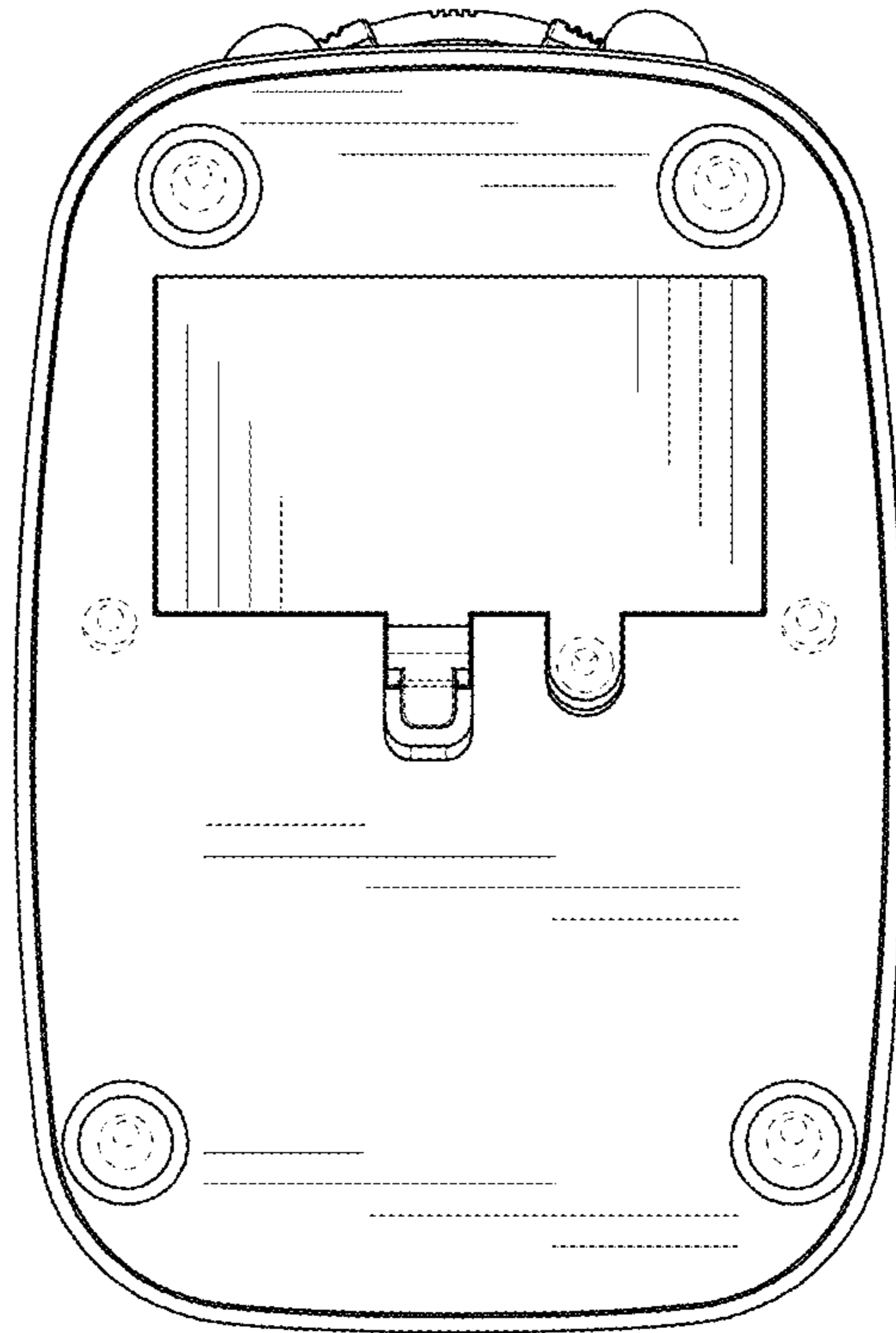


FIG. 8

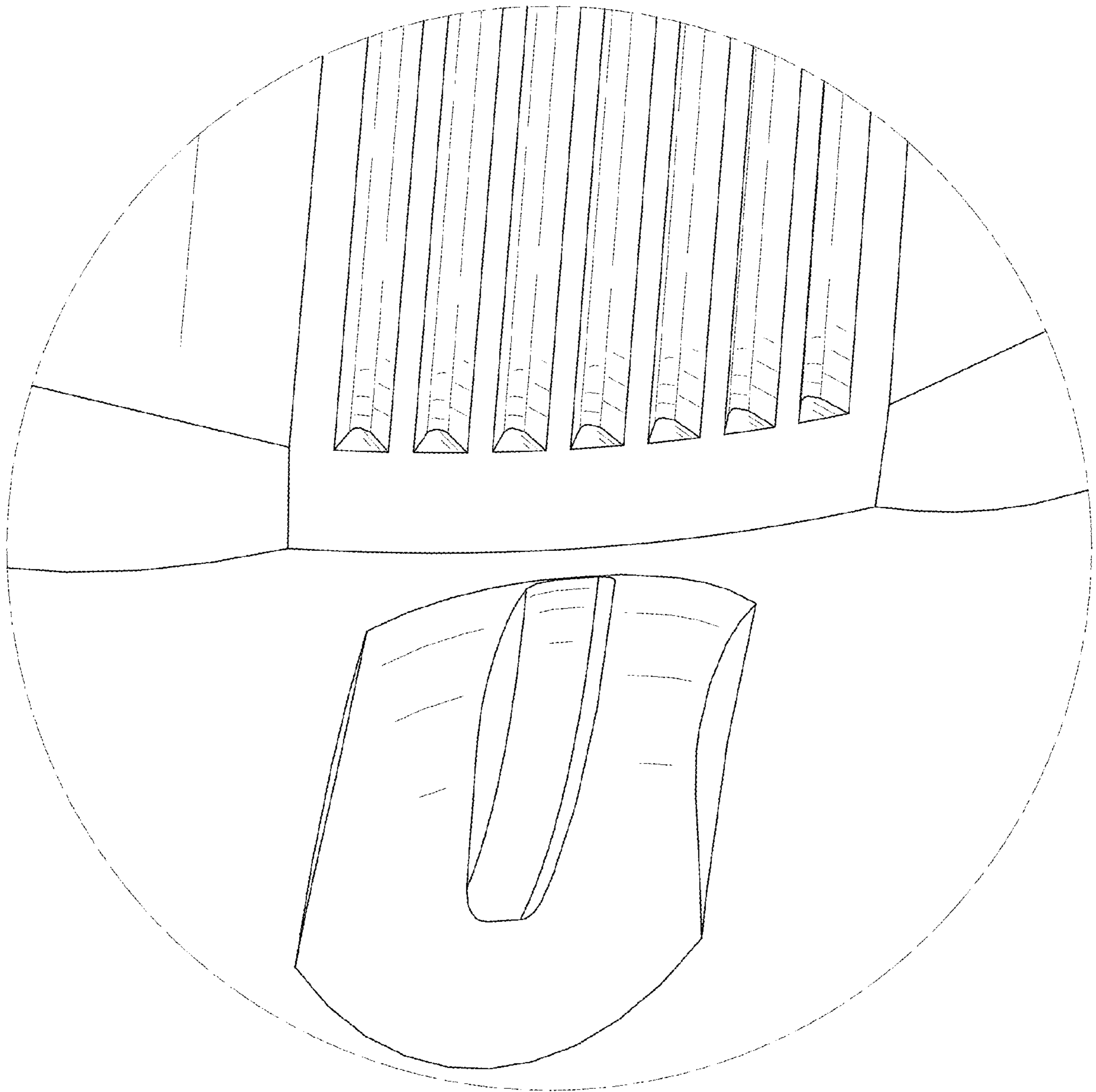


FIG. 9

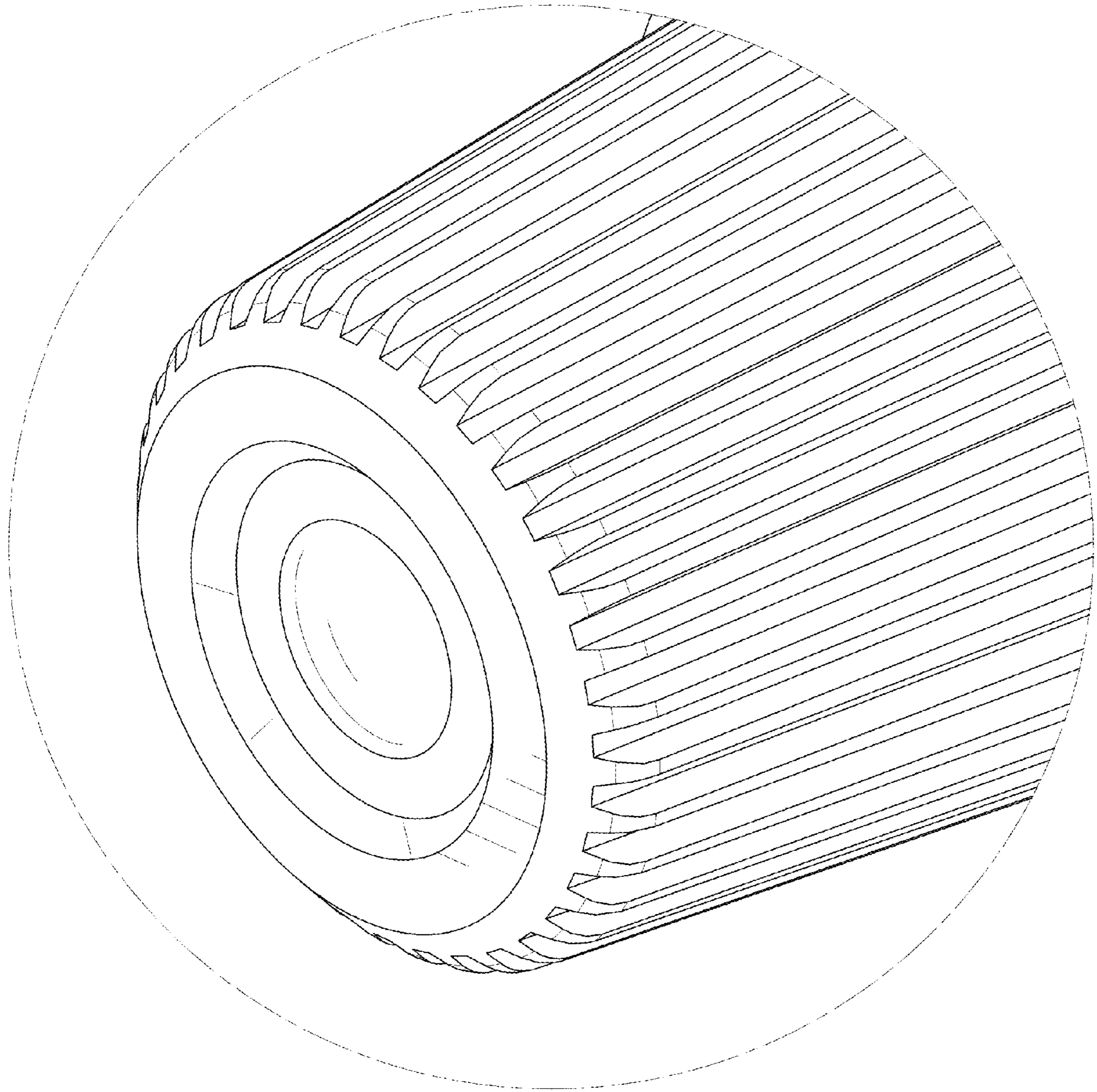


FIG. 10



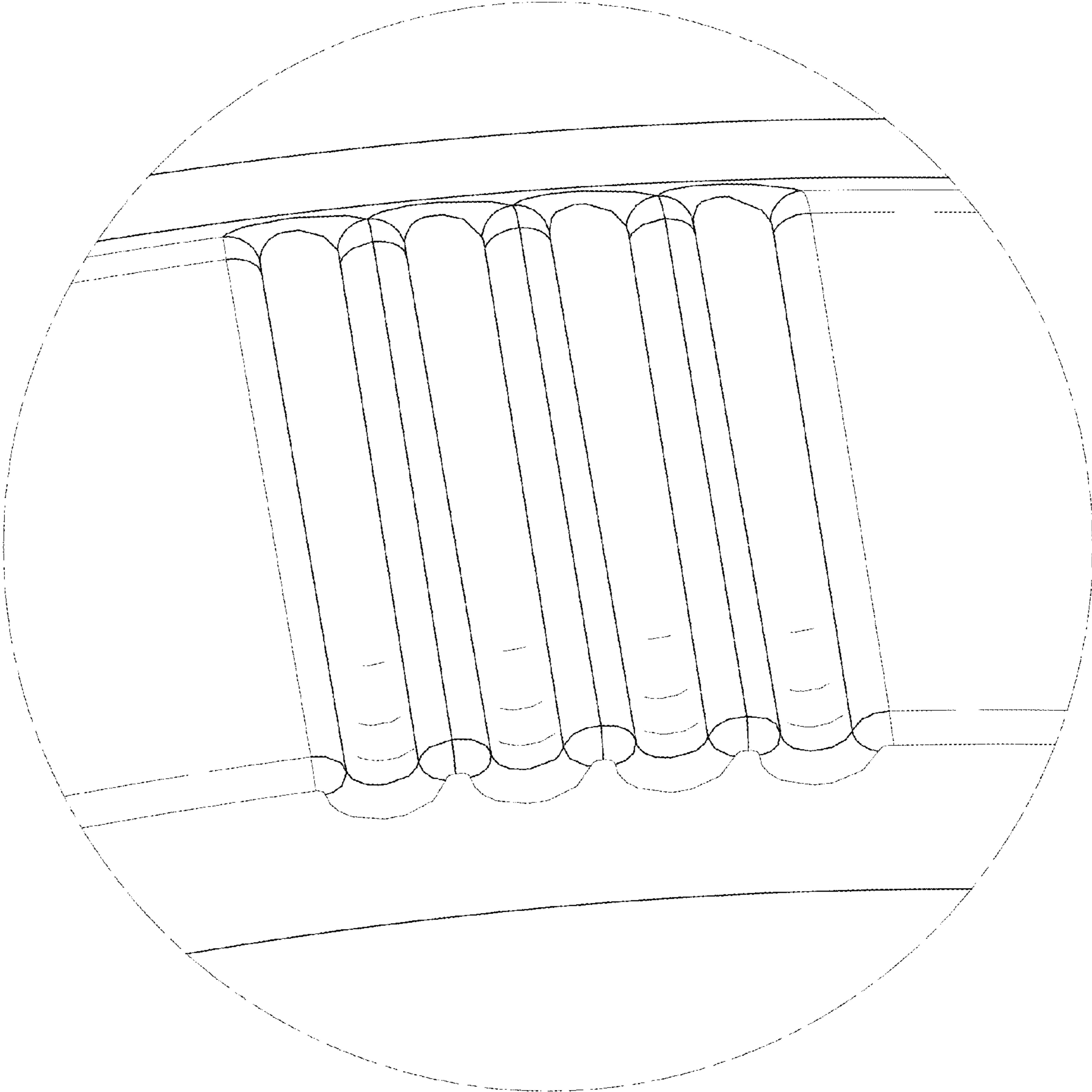


FIG. 11