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

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(54) **OPERATING HANDWHEEL FOR MACHINES**

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (9) Cl.** **15-09**

(52) **U.S. Cl.** **D15/142**

(58) **Field of Classification Search** D8/300,
D8/306-310, 352; D15/142; 16/429, 432;
74/545, 552, 553, 555-558

See application file for complete search history.

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(57) **CLAIM**

The ornamental design for a operating handwheel for machines, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of a handwheel according to an embodiment of the invention;

FIG. 2 is a side elevation view thereof;

FIG. 3 is a top plan view thereof;

FIG. 4 is a bottom plan view thereof;

FIG. 5 is a top perspective view of a second embodiment of the handwheel according to the invention;

FIG. 6 is a side elevation view thereof;

FIG. 7 is a top plan view thereof;

FIG. 8 is a bottom plan view thereof;

FIG. 9 is a top perspective view of the FIG. 5 embodiment in an alternate condition of use with the handle folded into a groove formed to encase the handle;

FIG. 10 is a side elevation of the embodiment of the invention shown in FIG. 5;

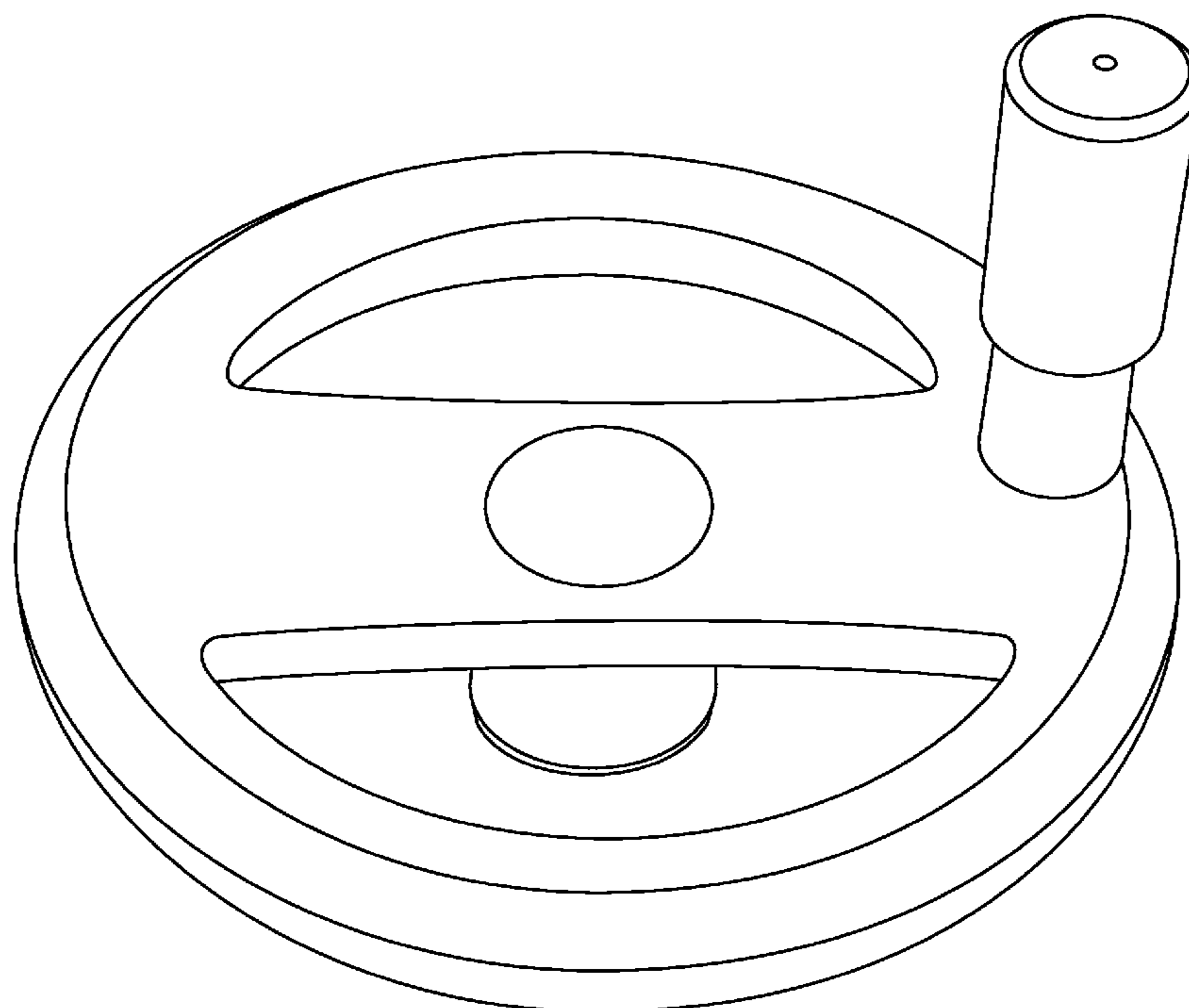
FIG. 11 is a bottom perspective view of a third embodiment of the handwheel according to the invention;

FIG. 12 is a side elevation view thereof;

FIG. 13 is top plan view thereof; and,

FIG. 14 is a bottom plan view thereof.

1 Claim, 14 Drawing Sheets



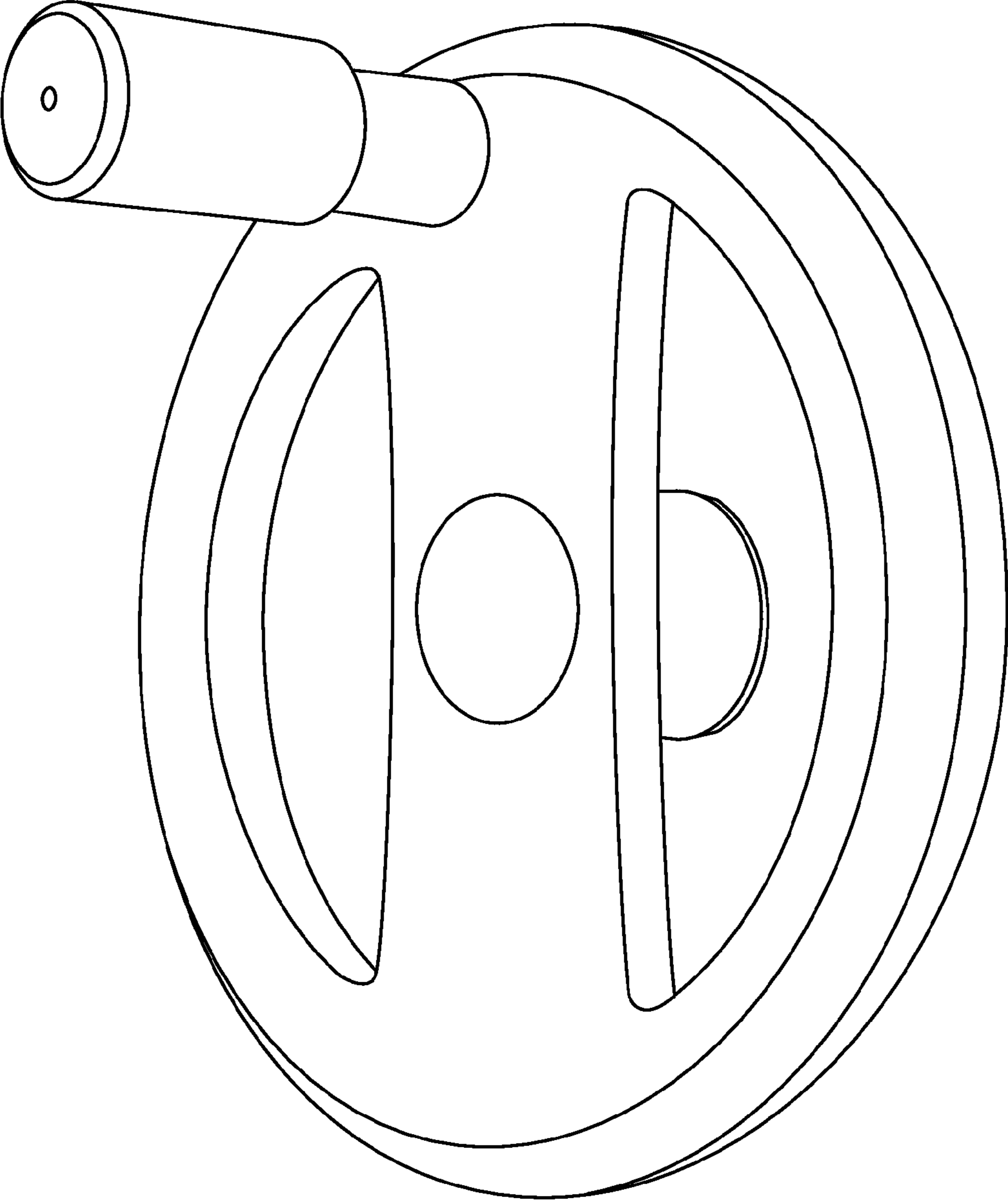


FIG. 1

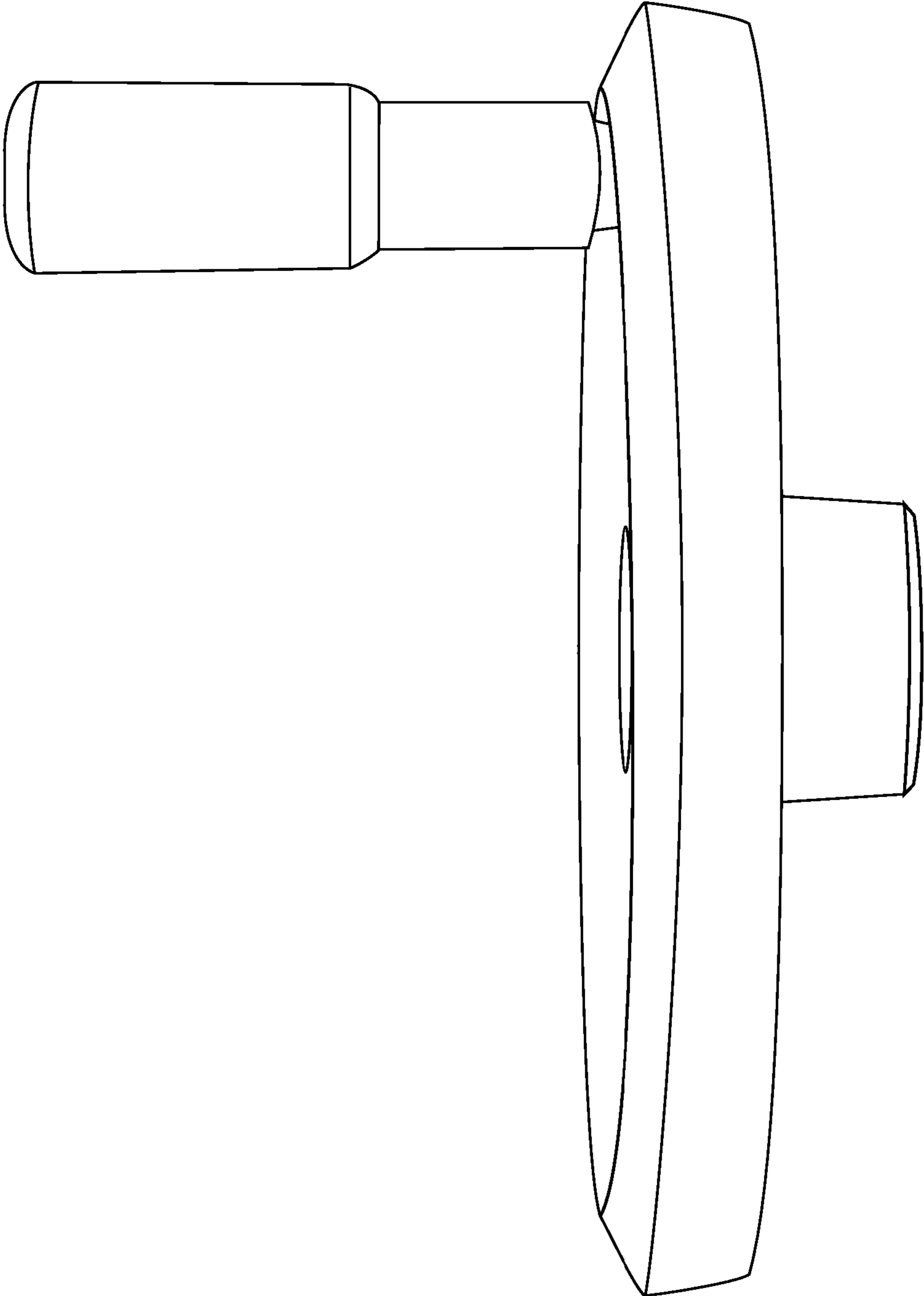


FIG. 2

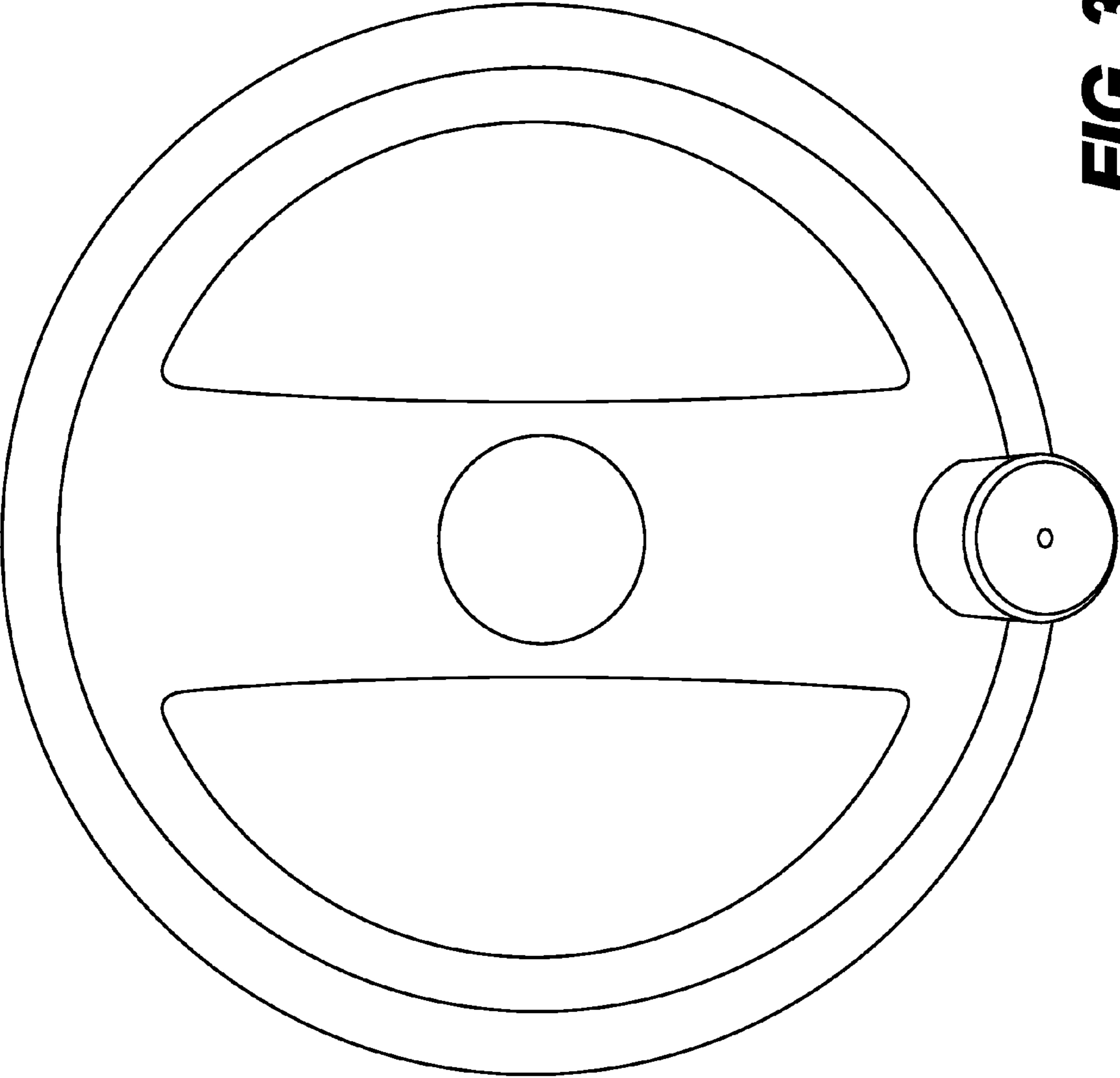


FIG. 3

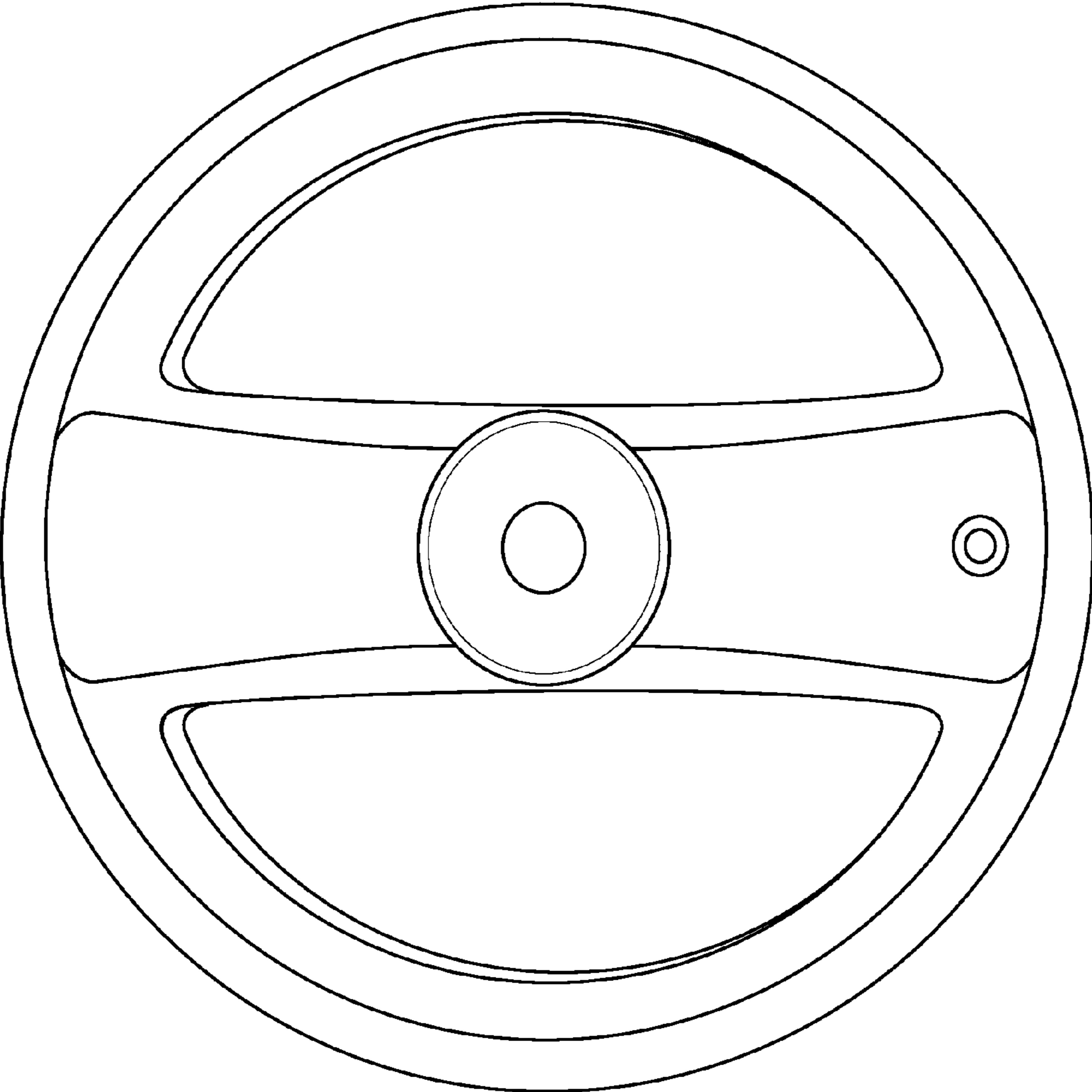


FIG. 4

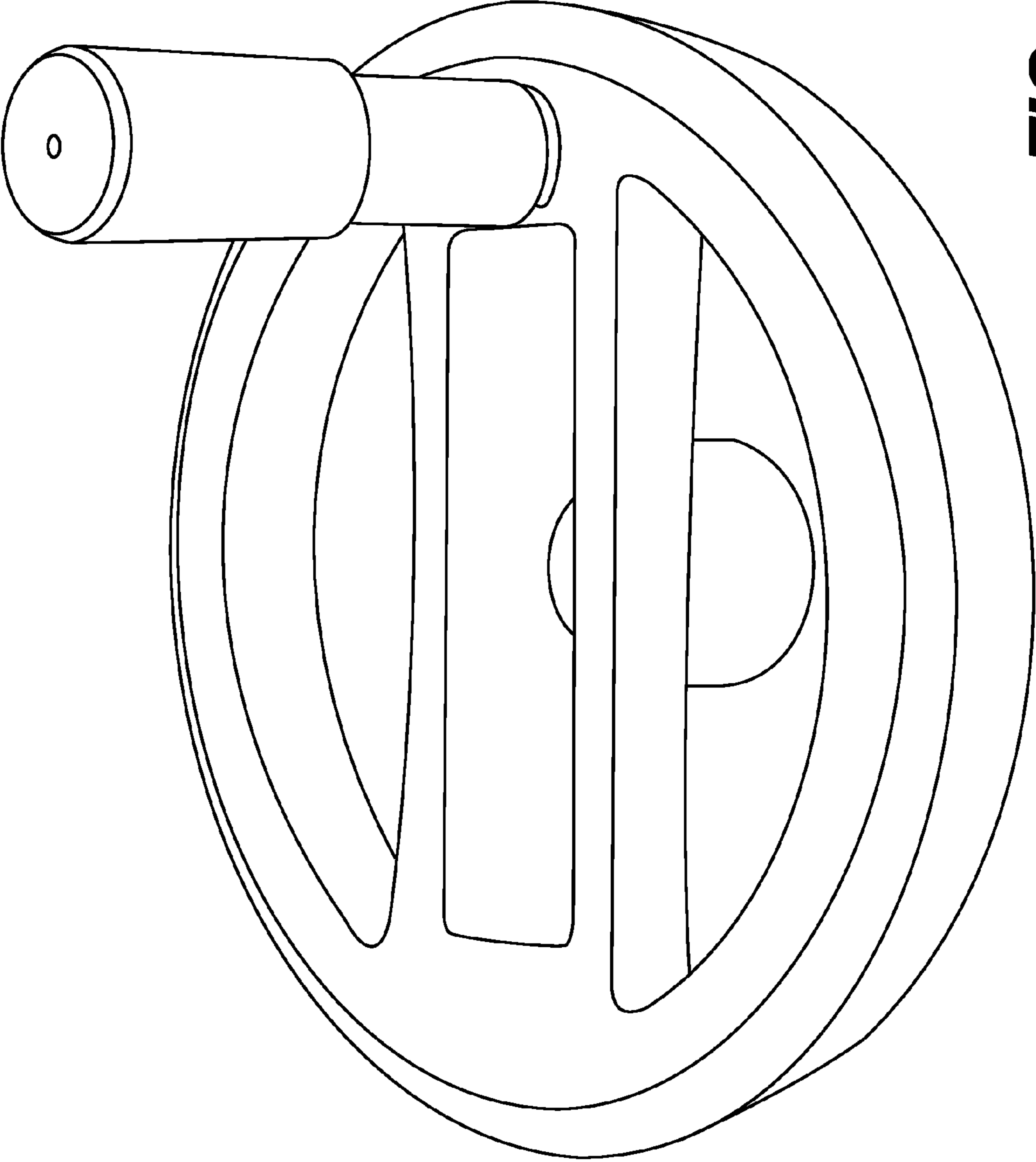


FIG. 5

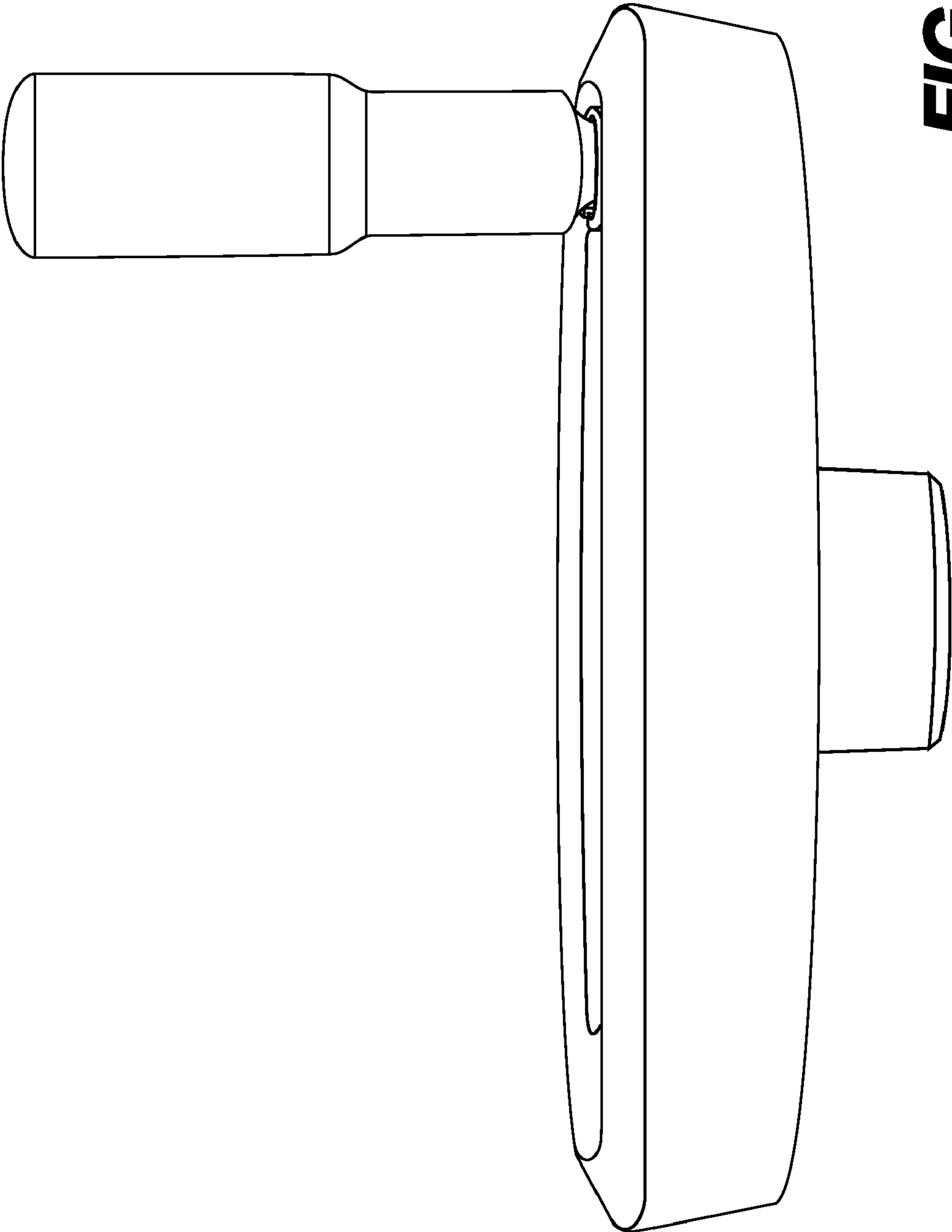


FIG. 6

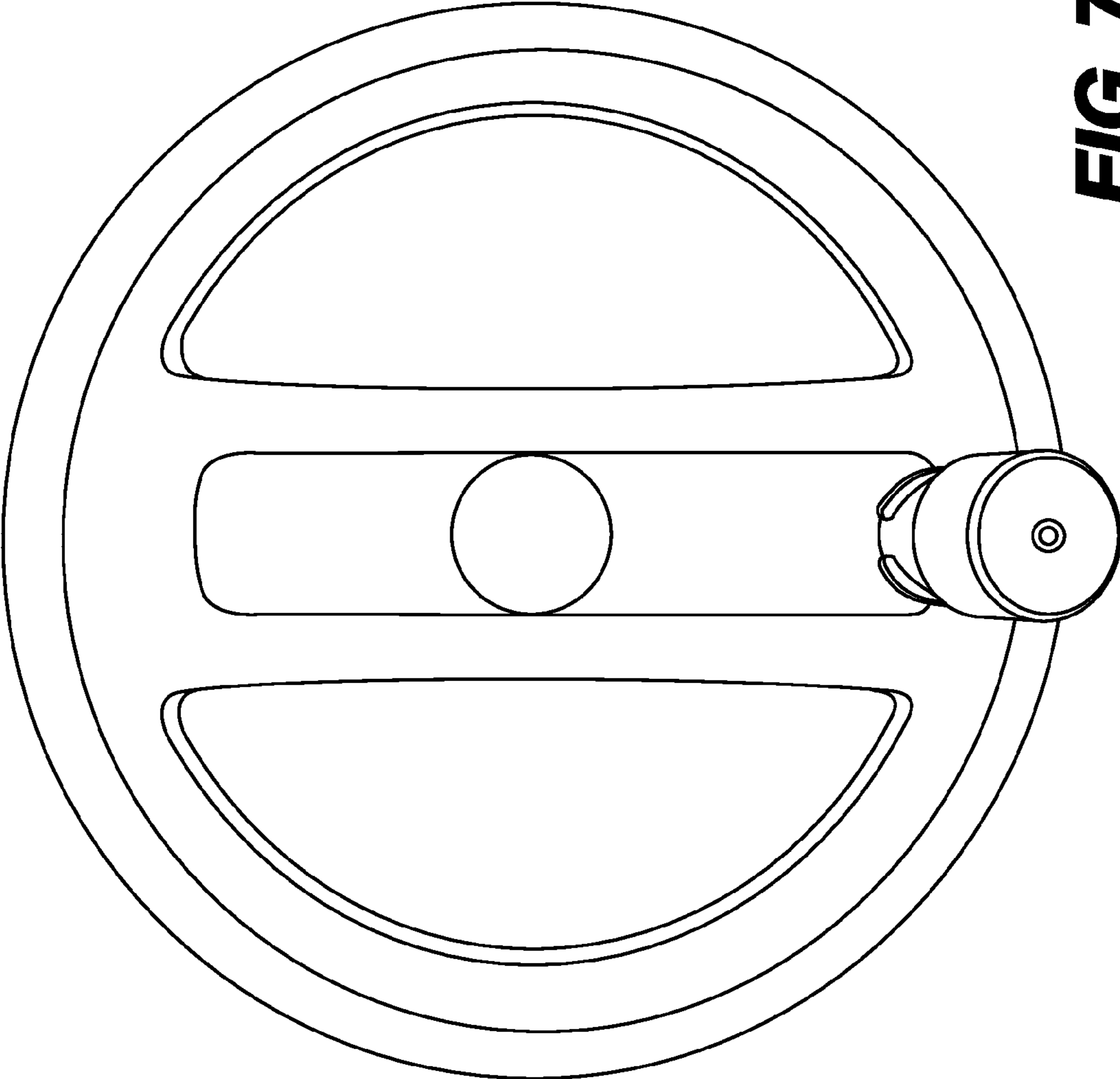


FIG. 7

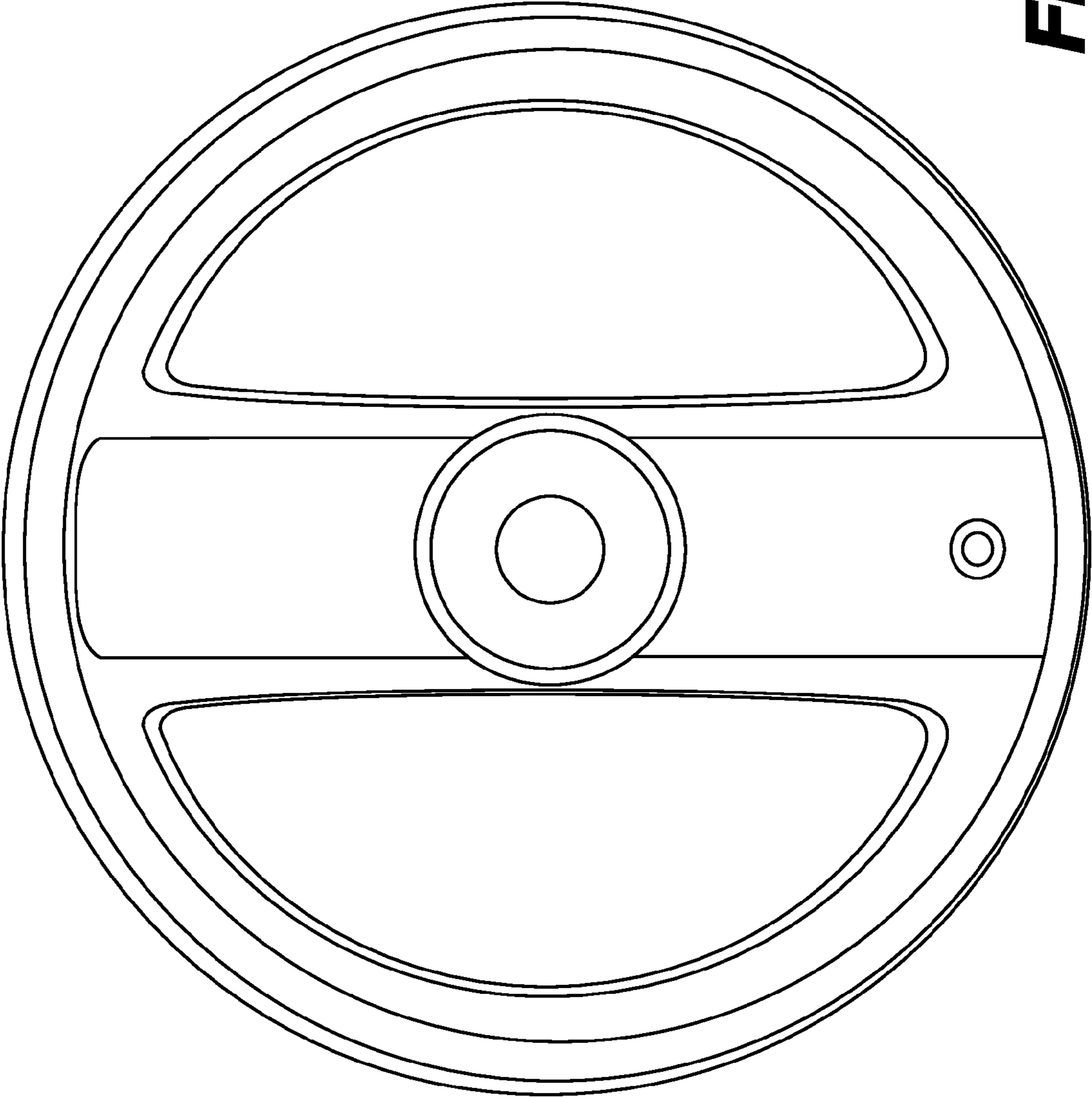


FIG. 8

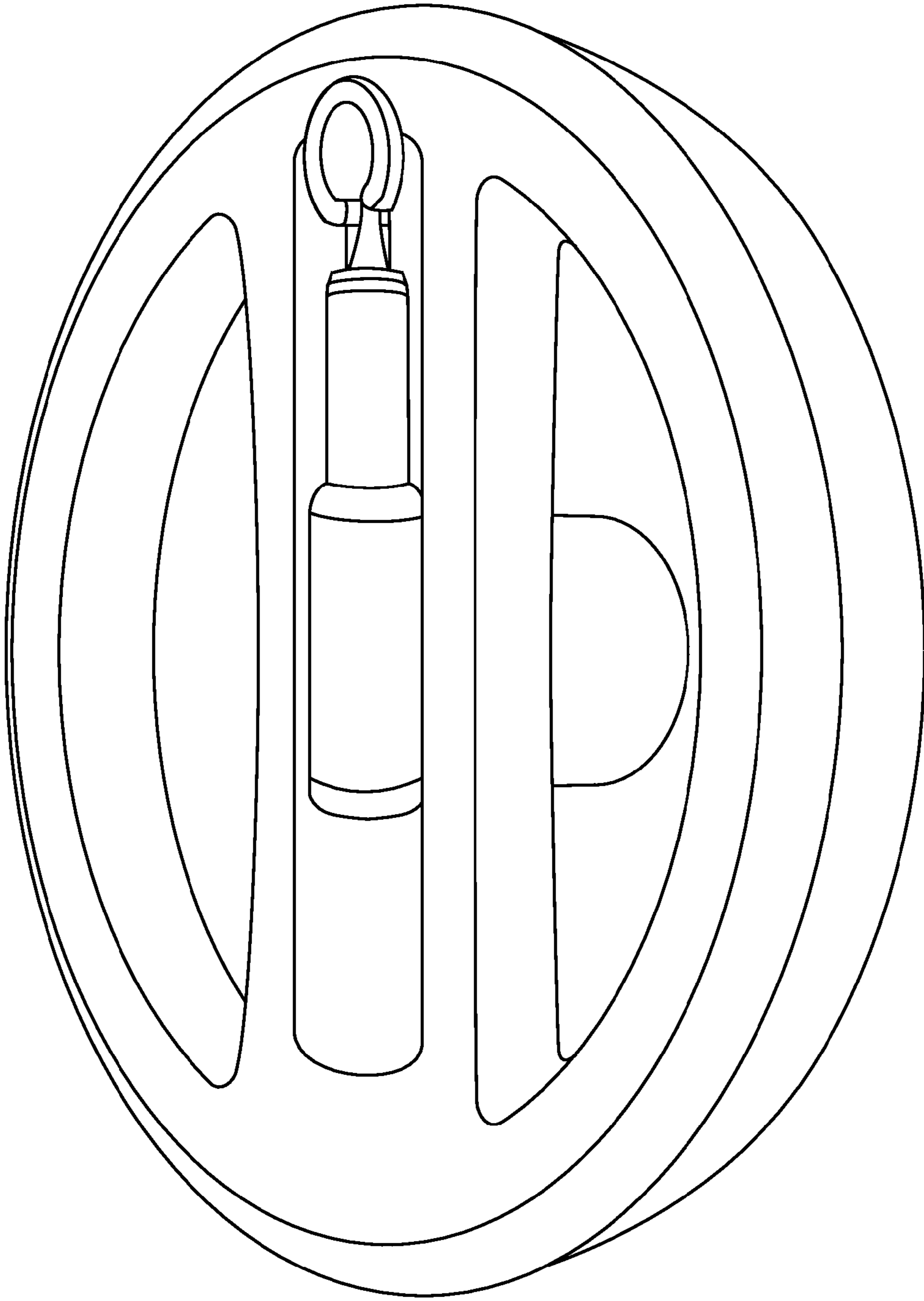


FIG. 9

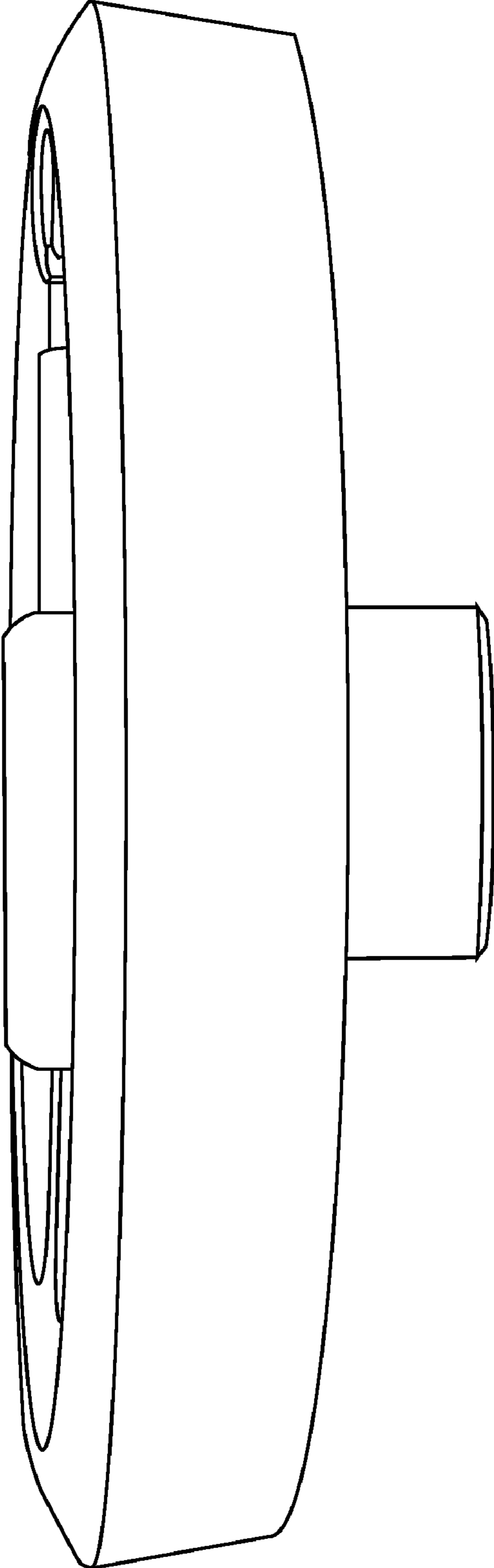


FIG. 10

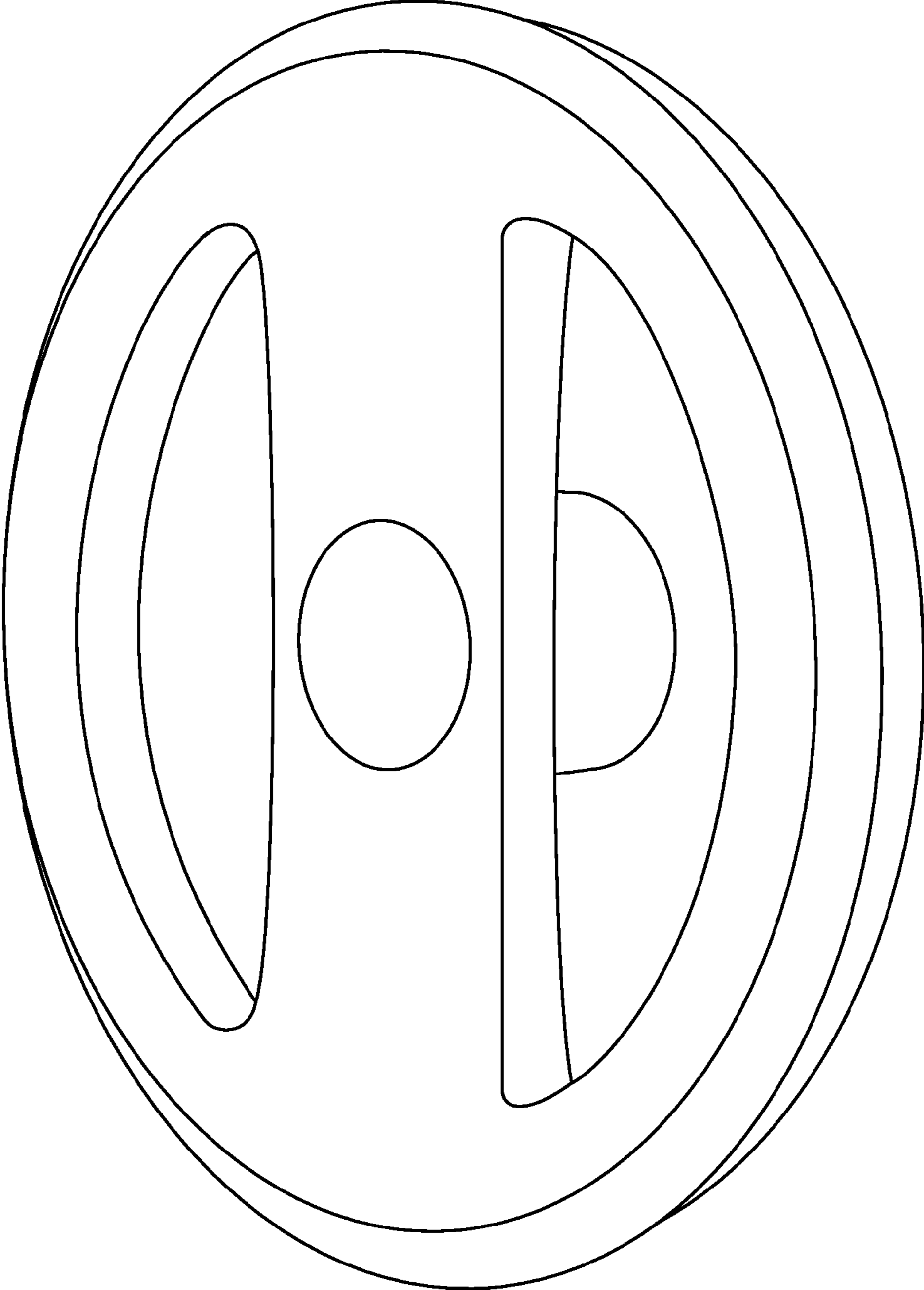


FIG. 11

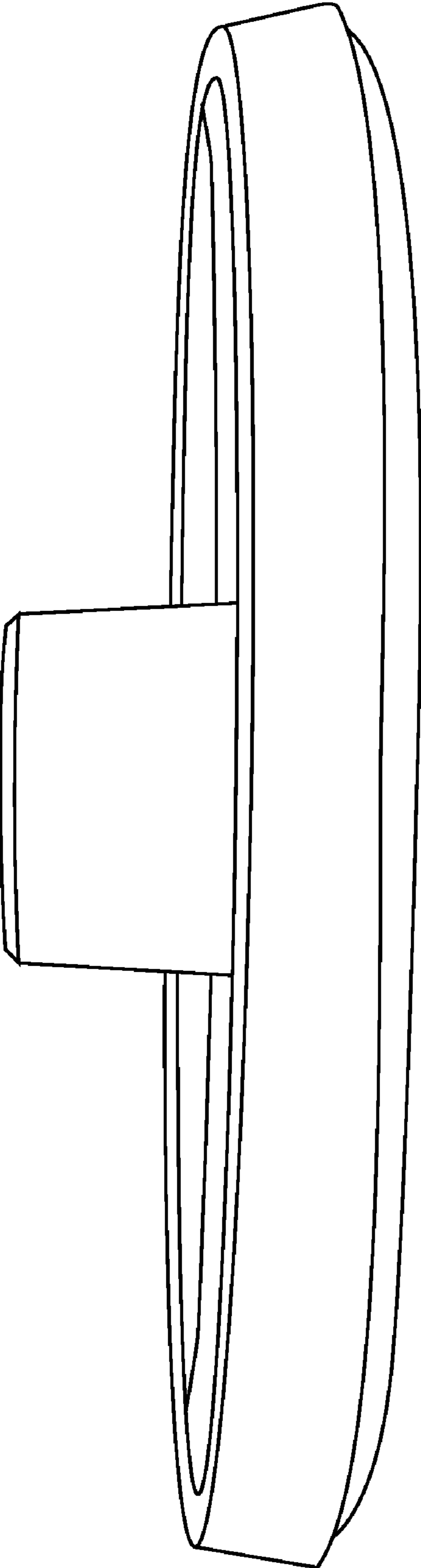


FIG. 12

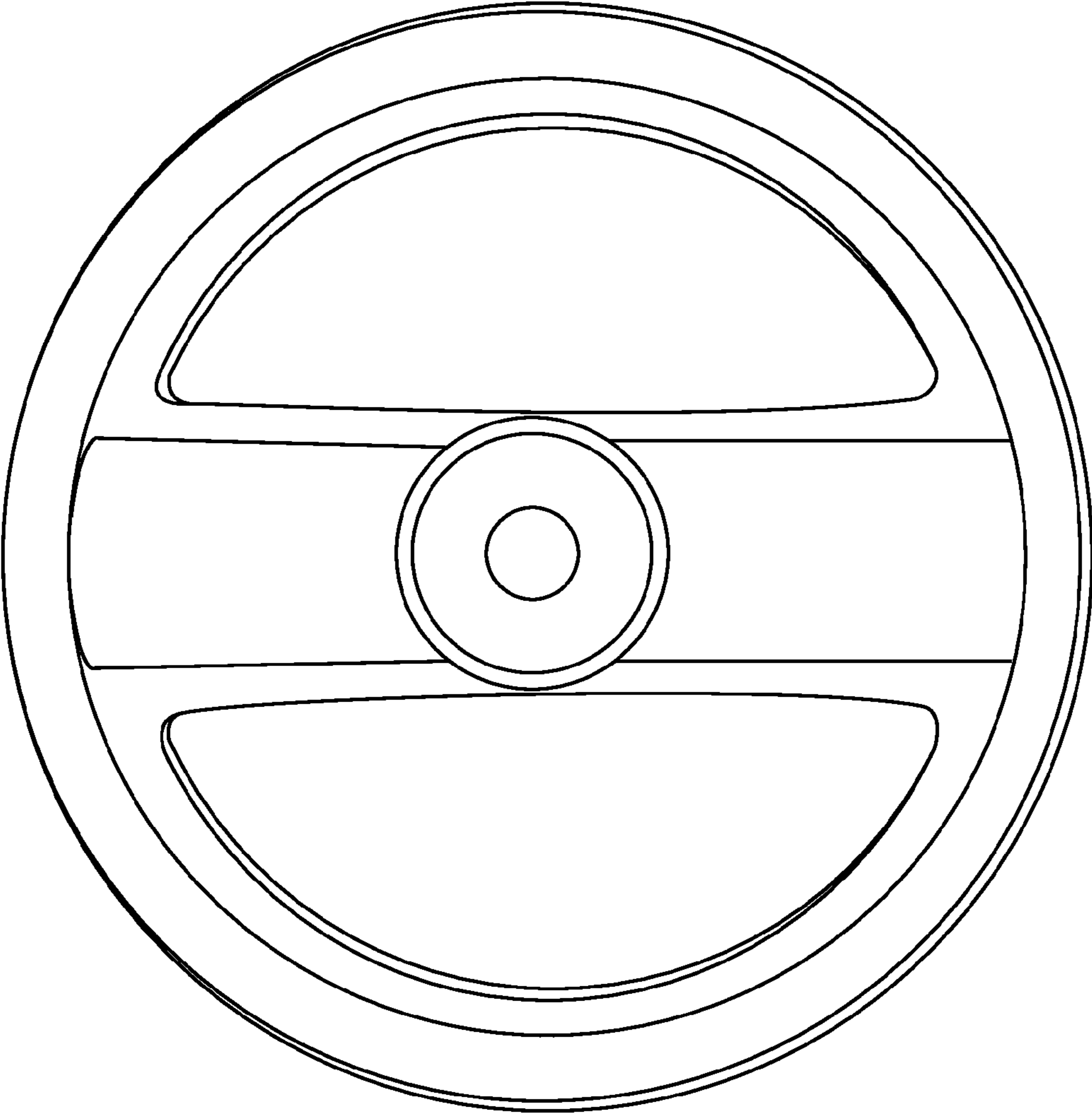


FIG. 13

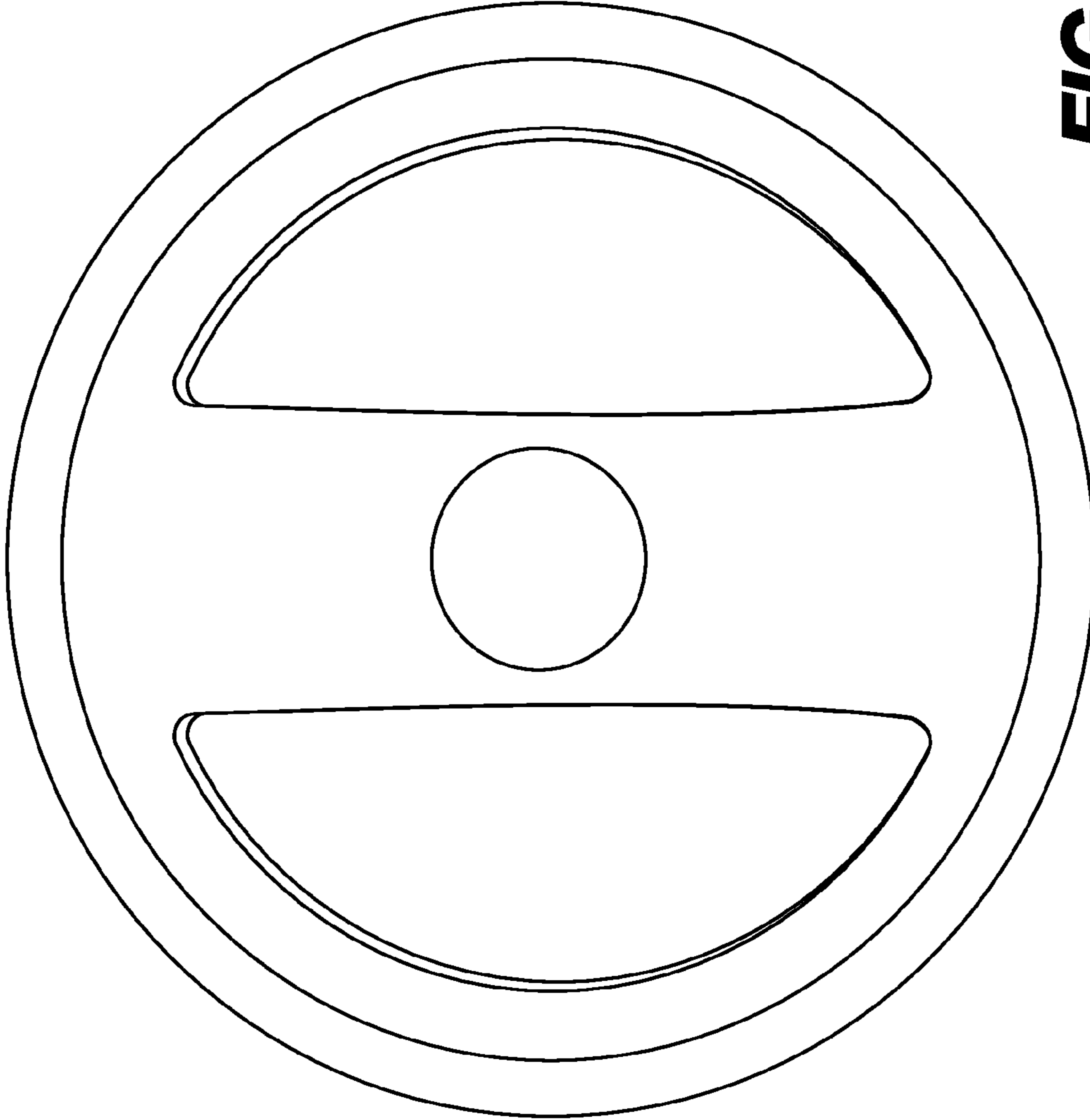


FIG. 14