

(12)

United States Design Patent

Williams

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(54) VALVE

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(73) Assignee: **MATCON LTD.**, Evasham (GB)

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

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(51) **LOC (14) Cl.** **23-01**

(52) **U.S. Cl.**
USPC **D23/233**

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D23/321, 421; D15/7; D24/129;
D9/558; D7/376
CPC F16K 1/00; F16K 3/00; F16K 5/00; F16K
7/00; F16K 11/00; F16K 13/00; F16K
15/00; F16K 17/00; F16K 21/00
See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

836,509 A * 11/1906 King C10H 15/06
222/509

2,918,185 A * 12/1959 Farnham B65G 47/72
414/269

D244,562 S * 5/1977 Hagglund D9/558

4,028,958 A * 6/1977 Schuermann G05G 9/047
74/471 XY

D263,565 S * 3/1982 Woinarski D9/558

D281,713 S * 12/1985 Mikol D23/258

4,601,414 A * 7/1986 Lawson B65D 88/64
52/192

D285,404 S * 9/1986 Wang D7/377

D294,448 S * 3/1988 Otto D7/381

D309,938 S * 8/1990 Schoepe D23/236

D320,258 S * 9/1991 Henriksson D23/233

D406,638 S * 3/1999 Powell D23/254

D473,420 S * 4/2003 Lo D7/376

D566,279 S * 4/2008 Patzer D24/158

7,568,297 B2 * 8/2009 Pierson F26B 9/103
34/174

D720,832 S * 1/2015 Shetti D23/233

D725,747 S * 3/2015 Alexander D23/233

(Continued)

OTHER PUBLICATIONS

Matcon Manual IBC Cone Valve (MCV) available in pwderbulksolids.com, announced Year unknown [online], [site visited Nov. 4, 2022], Internet URL: <https://directory.powderbulksolids.com/matcon-manual-ibc-cone-valve-mcv-solving-powder-prod1275900.html> (Year: 2022).*

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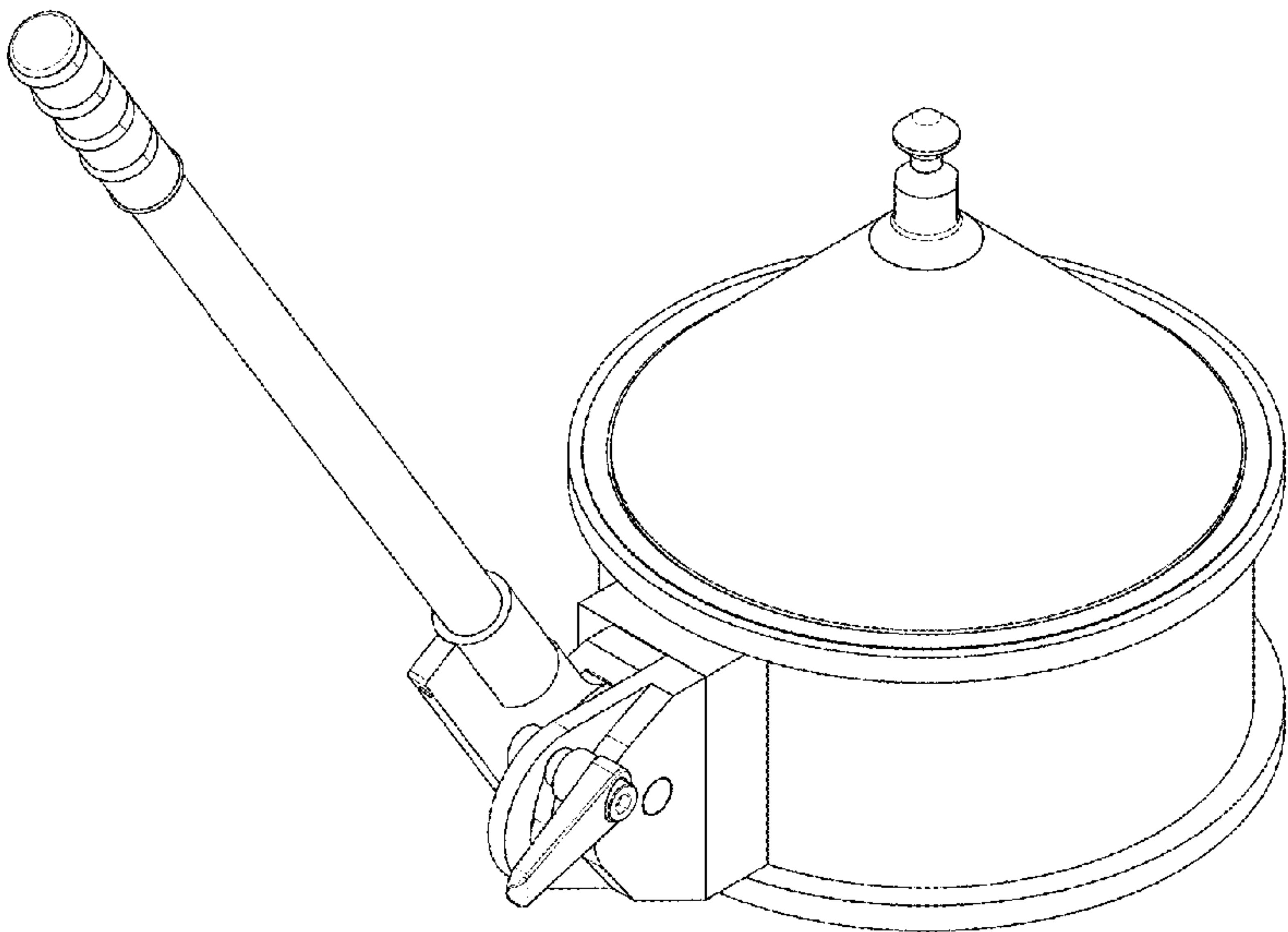
(57) CLAIM

The ornamental design for a valve, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a valve showing my new design;
FIG. 2 is a front elevational view thereof;
FIG. 3 is a rear elevational view thereof;
FIG. 4 is a left-side elevational view thereof;
FIG. 5 is a right-side elevational view thereof;
FIG. 6 is a top plan view thereof; and,
FIG. 7 is a bottom plan view thereof.
The broken lines depict portions of the valve that form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

D739,499	S	*	9/2015	Shorey	D23/248
D750,753	S	*	3/2016	Penkkimäki	D23/233
D752,183	S	*	3/2016	Hsu	D23/233
D774,167	S	*	12/2016	Herrick	D23/245
D812,190	S	*	3/2018	Harck	D23/233
D858,702	S	*	9/2019	Lagoni	D23/233
D892,738	S	*	8/2020	Maddick	B65G 69/0458
					D13/112
D909,539	S	*	2/2021	Zhou	D23/235
D949,922	S	*	4/2022	Middlebrook	D15/5
D950,681	S	*	5/2022	Middlebrook	D23/235
D967,336	S	*	10/2022	Jensen	D23/236
2004/0047695	A1		3/2004	Martin	
2012/0287747	A1		11/2012	Lee	
2016/0230890	A1		8/2016	Piepereit	
2018/0099815	A1*		4/2018	Maddick	B65G 69/0458
2019/0358599	A1		11/2019	Piepereit	

* cited by examiner

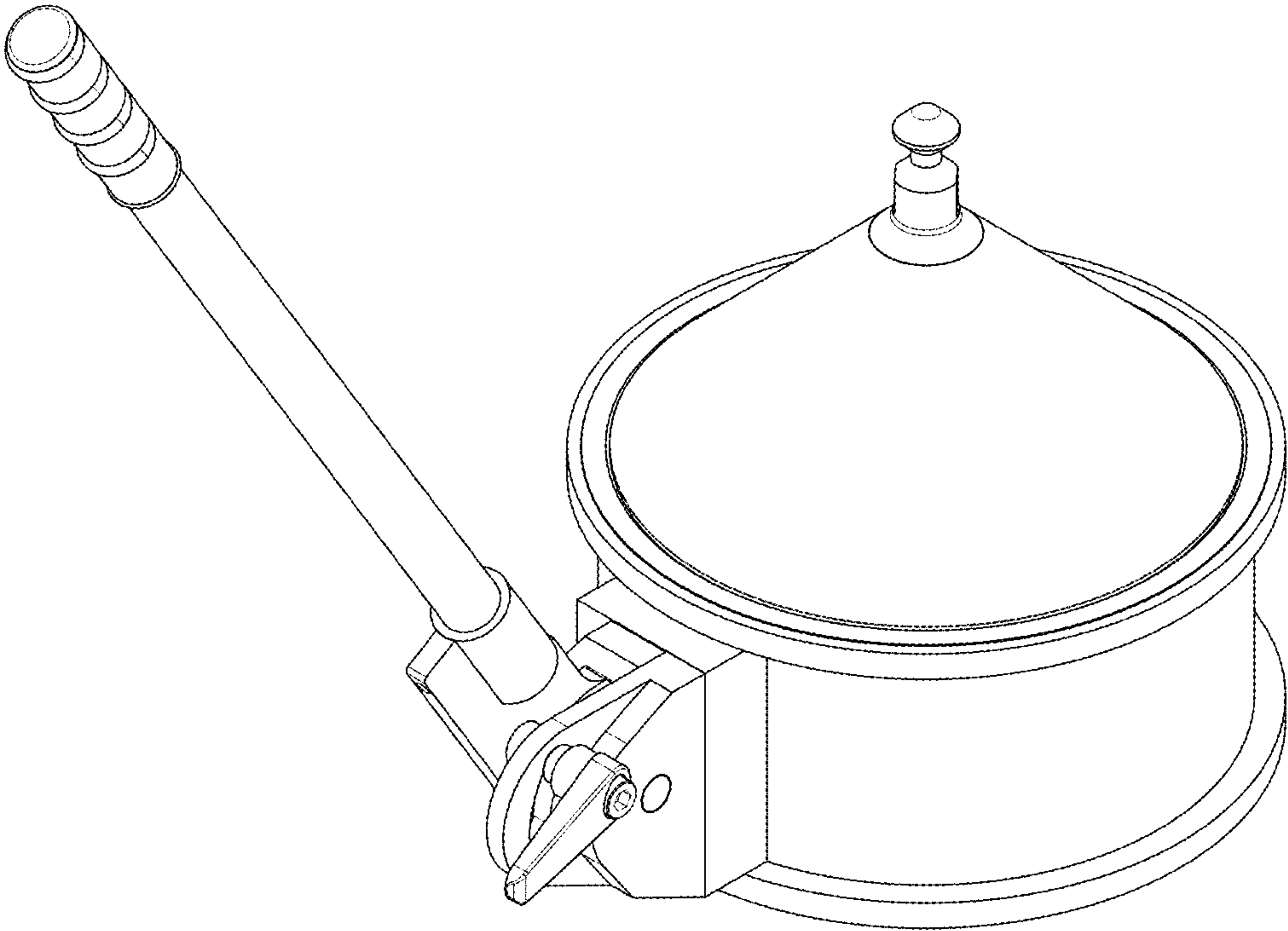


FIG. 1

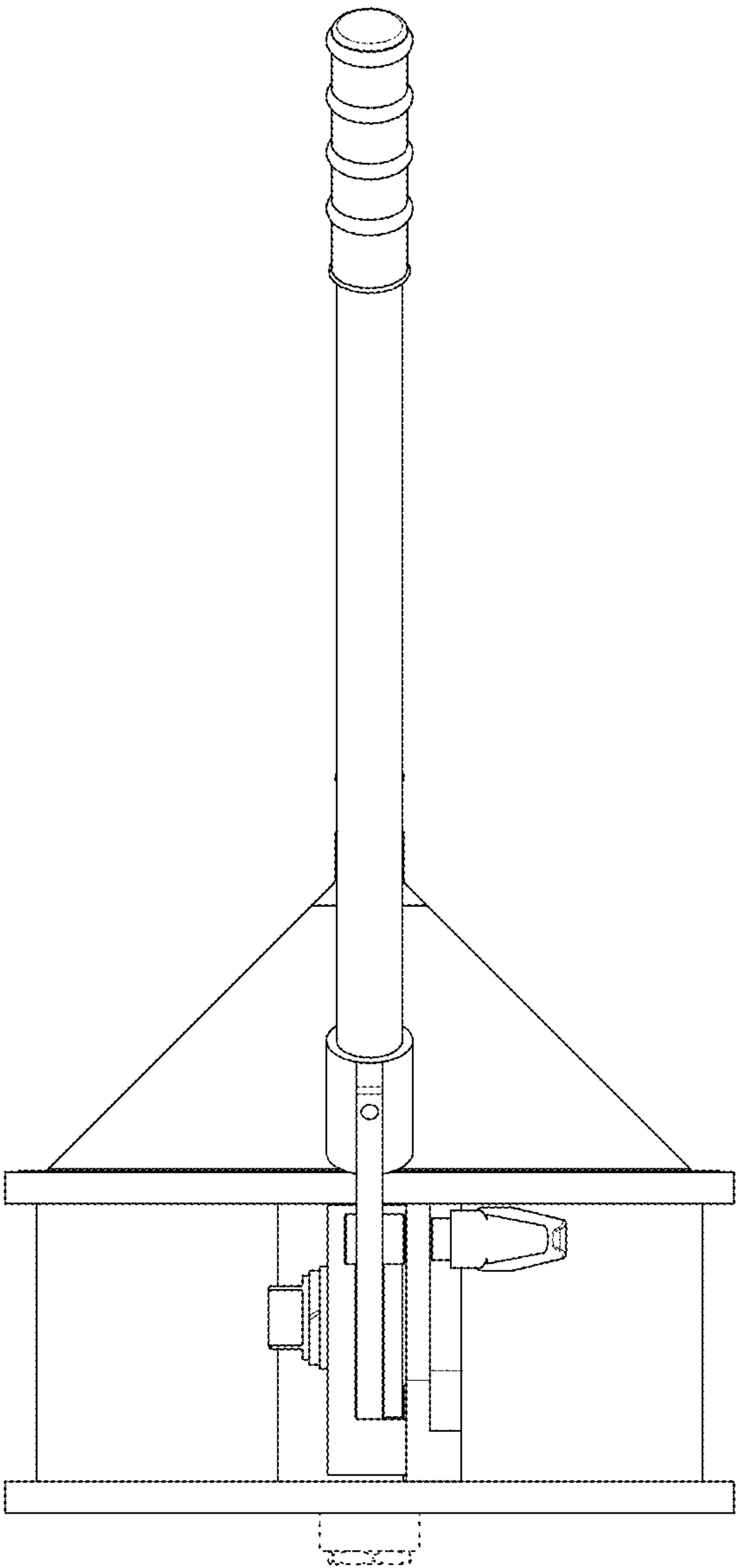


FIG. 2

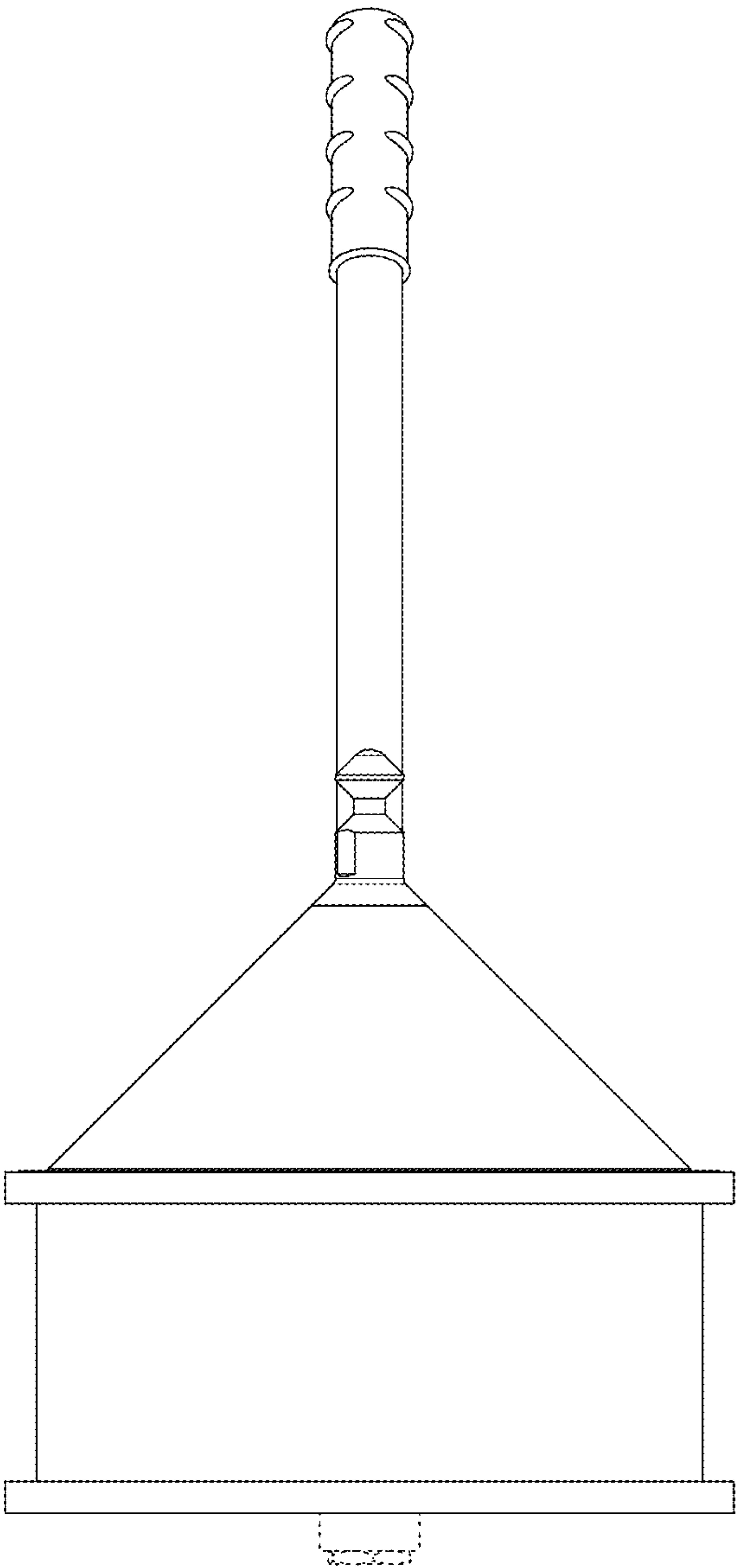


FIG. 3

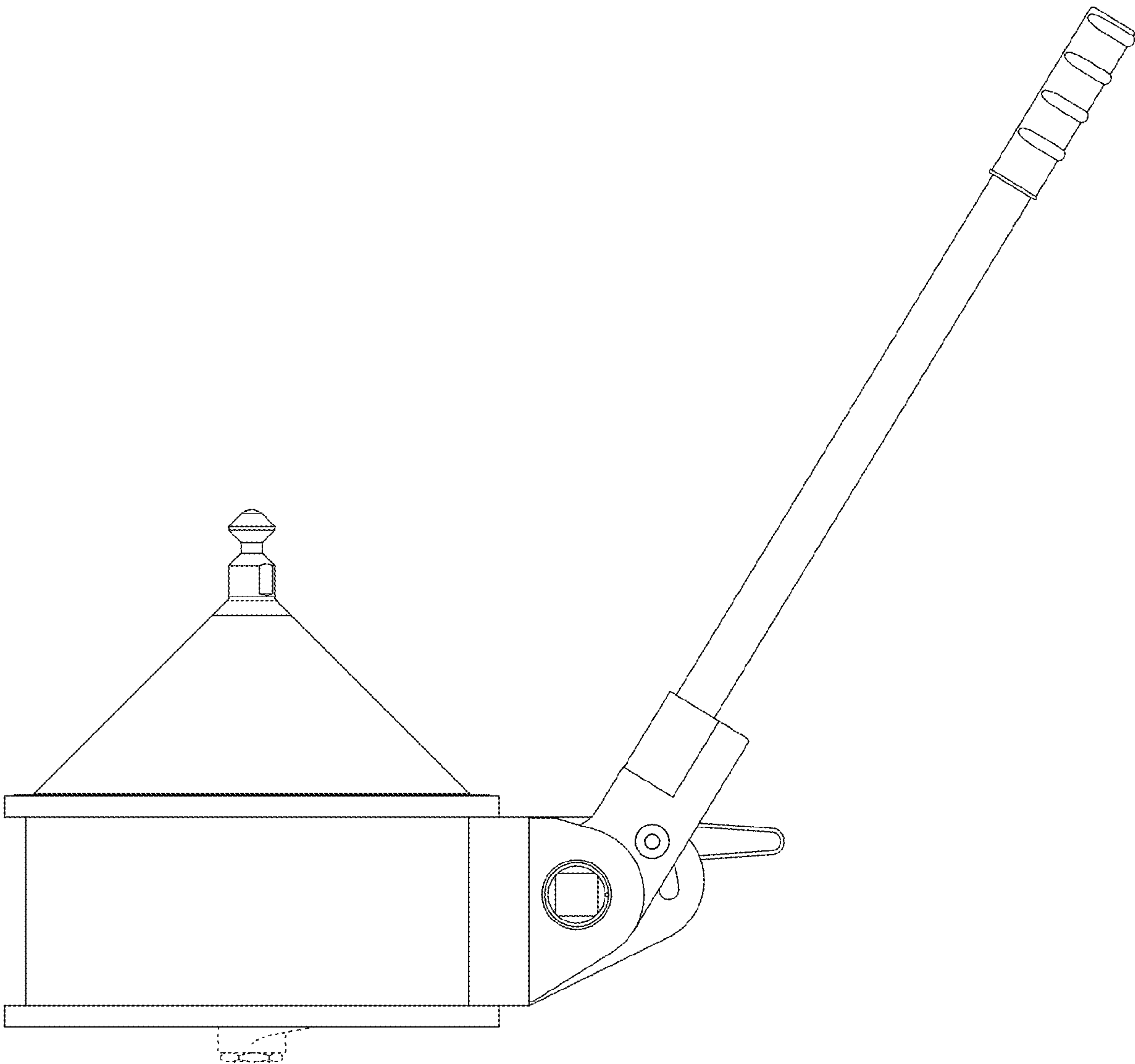


FIG. 4

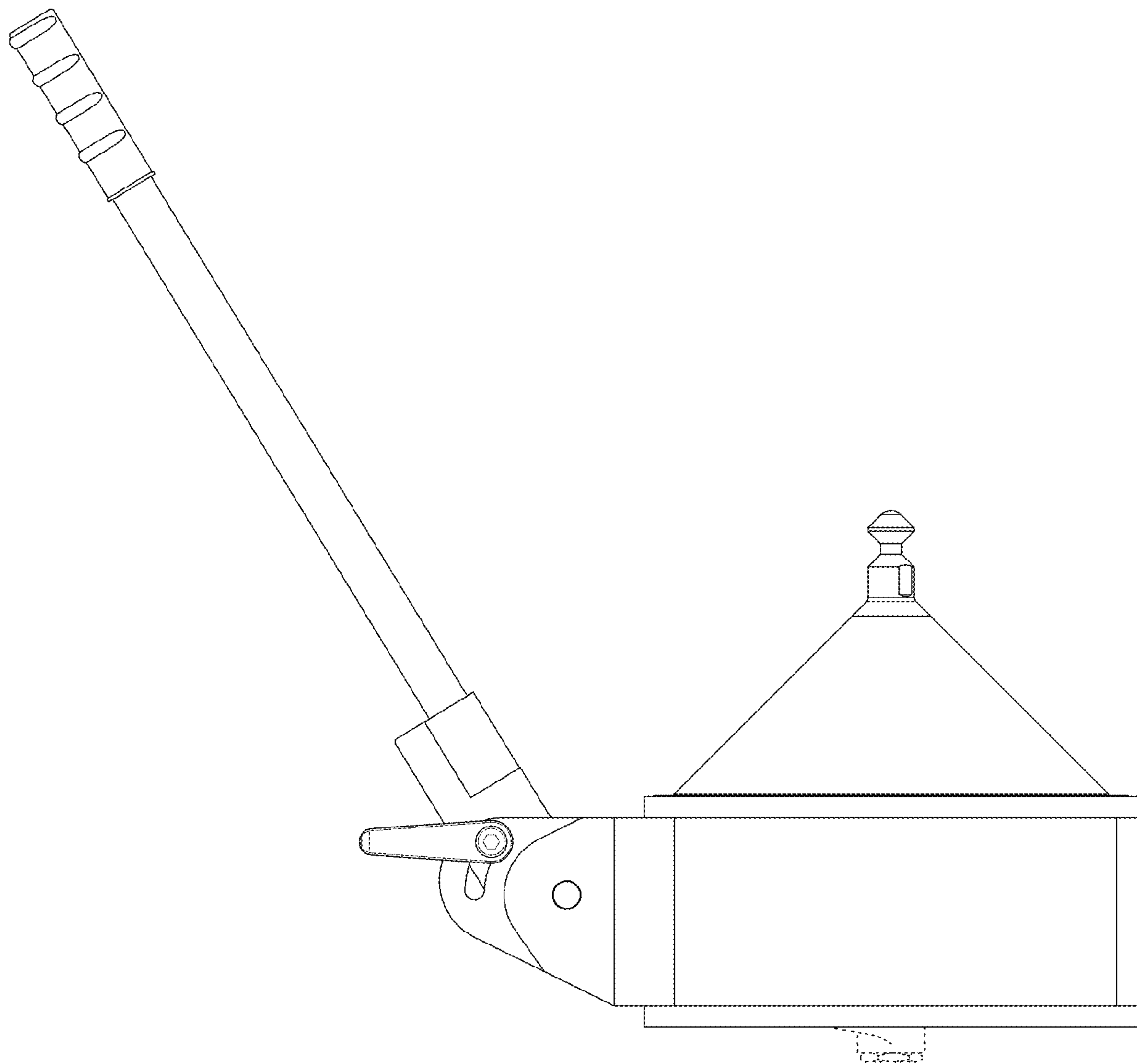


FIG. 5

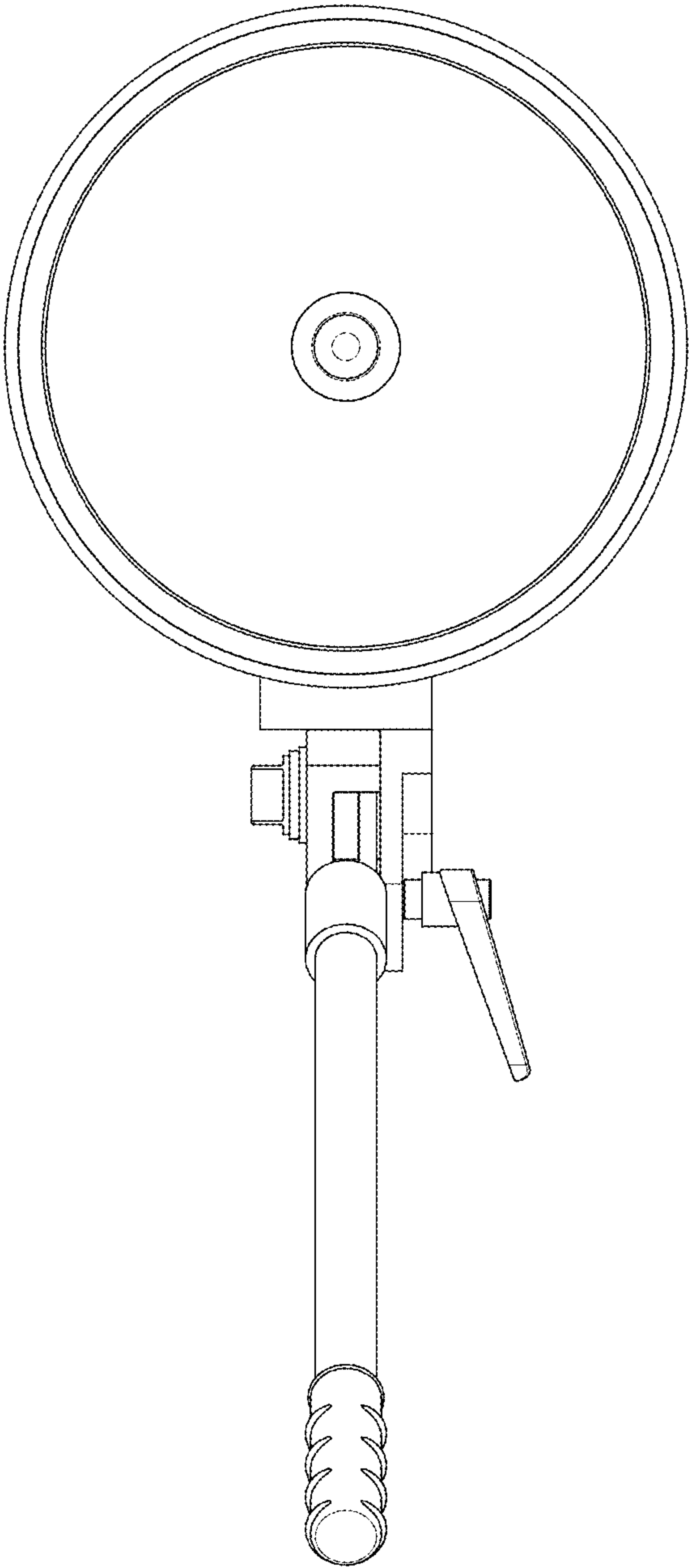


FIG. 6

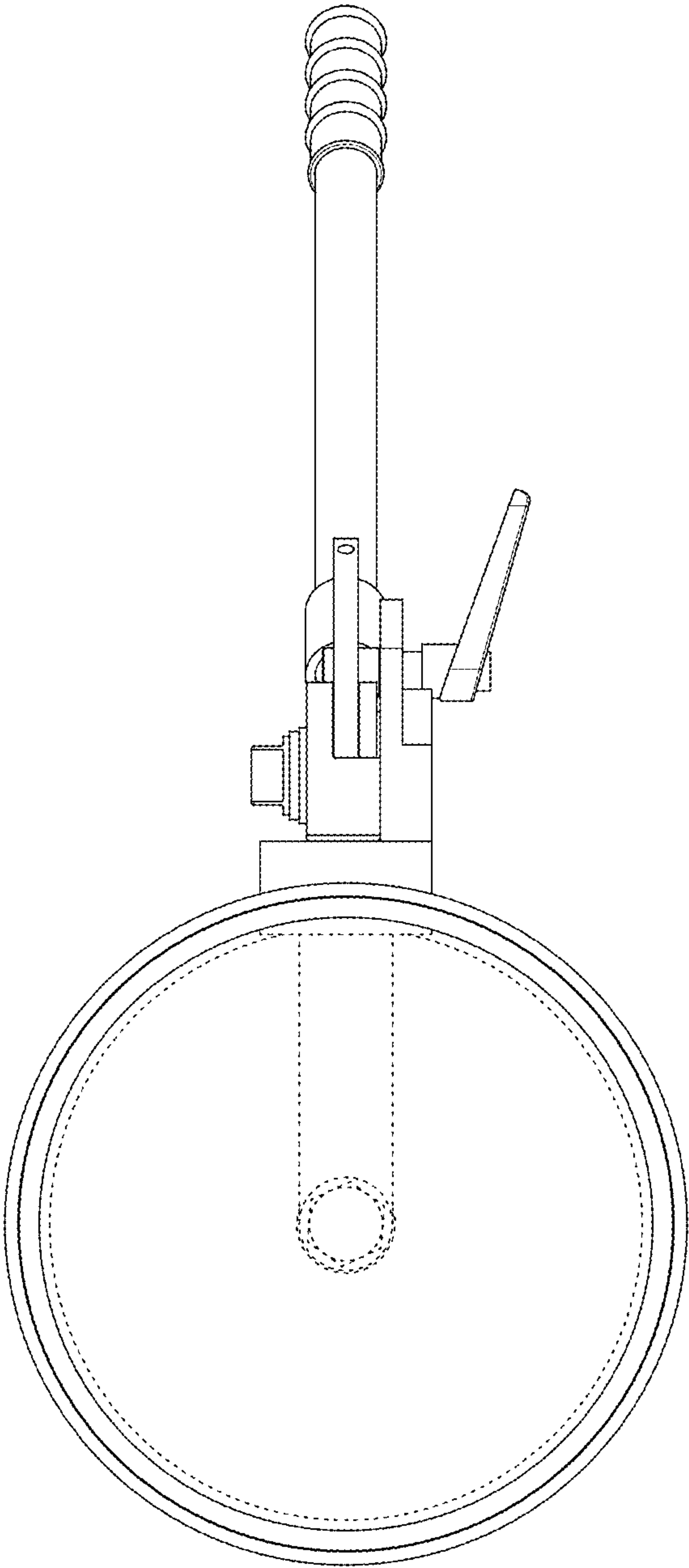


FIG. 7