



US00D813777S

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

(10) **Patent No.:** **US D813,777 S**
(45) **Date of Patent:** **** Mar. 27, 2018**

- (54) **SPOKES FOR A BICYCLE WHEEL**
- (71) Applicant: **Superpedestrian Inc.**, Cambridge, MA (US)
- (72) Inventors: **Assaf Biderman**, Boston, MA (US); **Carlo Ratti**, Turin (IT); **Christine Louise Outram**, Los Angeles, CA (US)
- (73) Assignee: **Massachusetts Institute of Technology**, Cambridge, MA (US)
- (**) Term: **14 Years**
- (21) Appl. No.: **29/514,539**
- (22) Filed: **Jan. 13, 2015**

Related U.S. Application Data

- (63) Continuation of application No. 12/960,461, filed on Dec. 3, 2010, now Pat. No. 9,027,681.
- (51) **LOC (11) Cl.** **12-16**
- (52) **U.S. Cl.**
USPC **D12/205**
- (58) **Field of Classification Search**
USPC D12/204-213; D15/3; 301/6.5
CPC B60B 7/00; B60B 7/02; B60B 7/04; B60B 7/01; B60B 7/06; B60B 3/02; B60B 3/04; B60B 3/06; B60B 3/10; B60B 1/00; B60B 1/10; B60B 1/12; B60B 1/003; B60B 27/04; B60B 27/0015
See application file for complete search history.

References Cited

U.S. PATENT DOCUMENTS

- 418,253 A 12/1889 Volk
- 425,240 A 4/1890 Newhouse et al.
- 428,313 A 5/1890 Alexander
- 657,517 A 9/1900 Condon
- D218,232 S * 8/1970 Shimano D12/205

- D218,964 S * 10/1970 Shimano D12/205
- D232,630 S * 9/1974 Siroonian D12/205
- D269,081 S * 5/1983 Hayashi D12/205
- D269,506 S * 6/1983 Suzuki D12/205
- D269,603 S * 7/1983 Whitmarsh D12/205
- D281,062 S * 10/1985 Hess D12/205
- D312,998 S * 12/1990 Carlson D12/205

(Continued)

FOREIGN PATENT DOCUMENTS

- FR 350663 A 6/1905
- FR 684741 A 6/1930

(Continued)

OTHER PUBLICATIONS

- U.S. Appl. No. 29/514,538, filing date Jan. 13, 2015, Allowed.
- U.S. Appl. No. 29/514,540, filing date Jan. 13, 2015, Pending.

Primary Examiner — Stacia Cadmus

(74) *Attorney, Agent, or Firm* — GTC Law Group PC & Affiliates

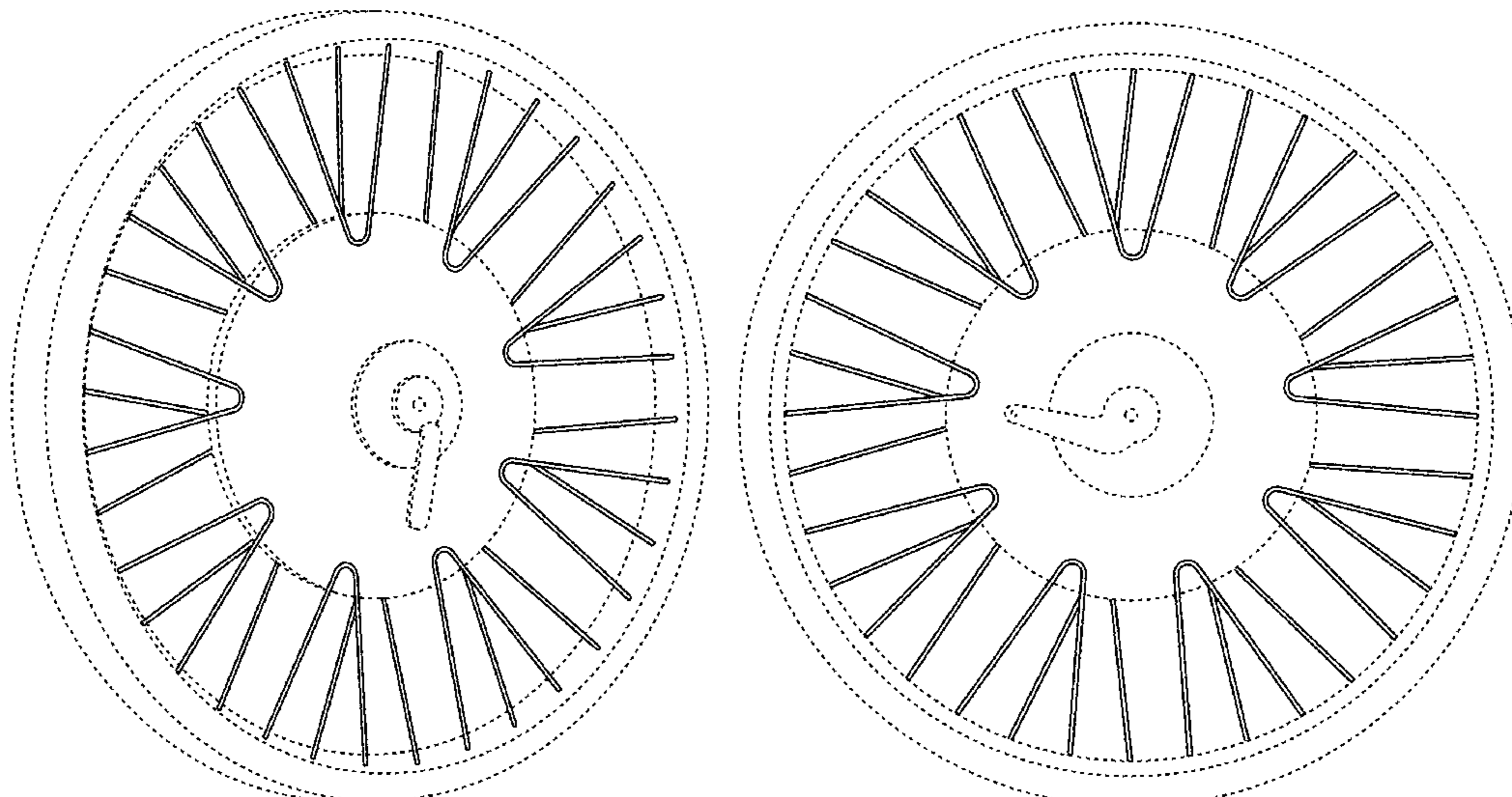
(57) **CLAIM**

The ornamental design for spokes for a bicycle wheel, as shown and described.

DESCRIPTION

FIG. 1 is a perspective view of the spokes on a right, non drive side of a bicycle wheel; and
 FIG. 2 is a plan view of the spokes on a right, non drive side of a bicycle wheel; and
 FIG. 3 is a plan view of the spokes on a left, drive side of a bicycle wheel; and
 FIG. 4 is front view of the spokes on a bicycle wheel; and,
 FIG. 5 is a perspective view of the spokes on the left, drive side of the bicycle wheel attached to a bicycle.
 In the drawings, the broken lines depict environmental subject matter only and form no part of the claimed design.

1 Claim, 5 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D458,202	S *	6/2002	Passarotto	.....	D12/205
D462,042	S *	8/2002	Bernardi	.....	D12/205
6,520,595	B1	2/2003	Schlanger et al.		
D472,507	S *	4/2003	Passarotto	.....	D12/205
D498,722	S *	11/2004	Smith	.....	D12/205
D596,547	S *	7/2009	Passarotto	.....	D12/205
7,673,946	B1 *	3/2010	Hed	.....	B60B 7/00 301/110.5
D625,333	S *	10/2010	Tanaka	.....	D12/111
D657,726	S *	4/2012	Finnie	.....	D12/205
9,027,681	B2 *	5/2015	Biderman	.....	B60B 1/003 180/220
D764,365	S *	8/2016	Hirai	.....	D12/205
2016/0075177	A1 *	3/2016	Biderman	.....	B60L 3/003 301/6.5
2016/0082772	A1 *	3/2016	Biderman	.....	A61G 5/045 301/6.5

FOREIGN PATENT DOCUMENTS

FR	962372	A	6/1950
FR	1034028	A	7/1953
GB	1409379	A	10/1975

* cited by examiner

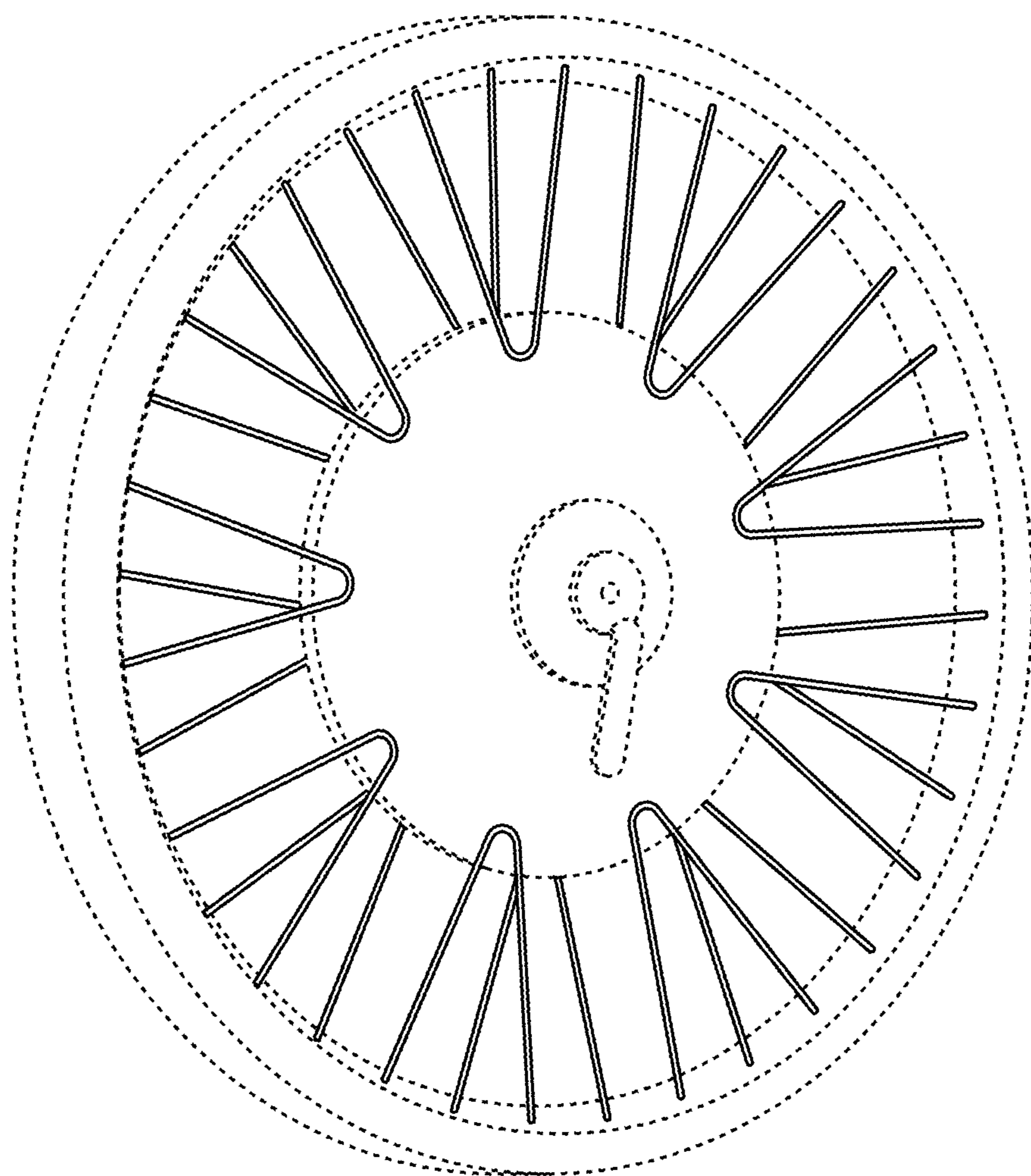


FIG. 1

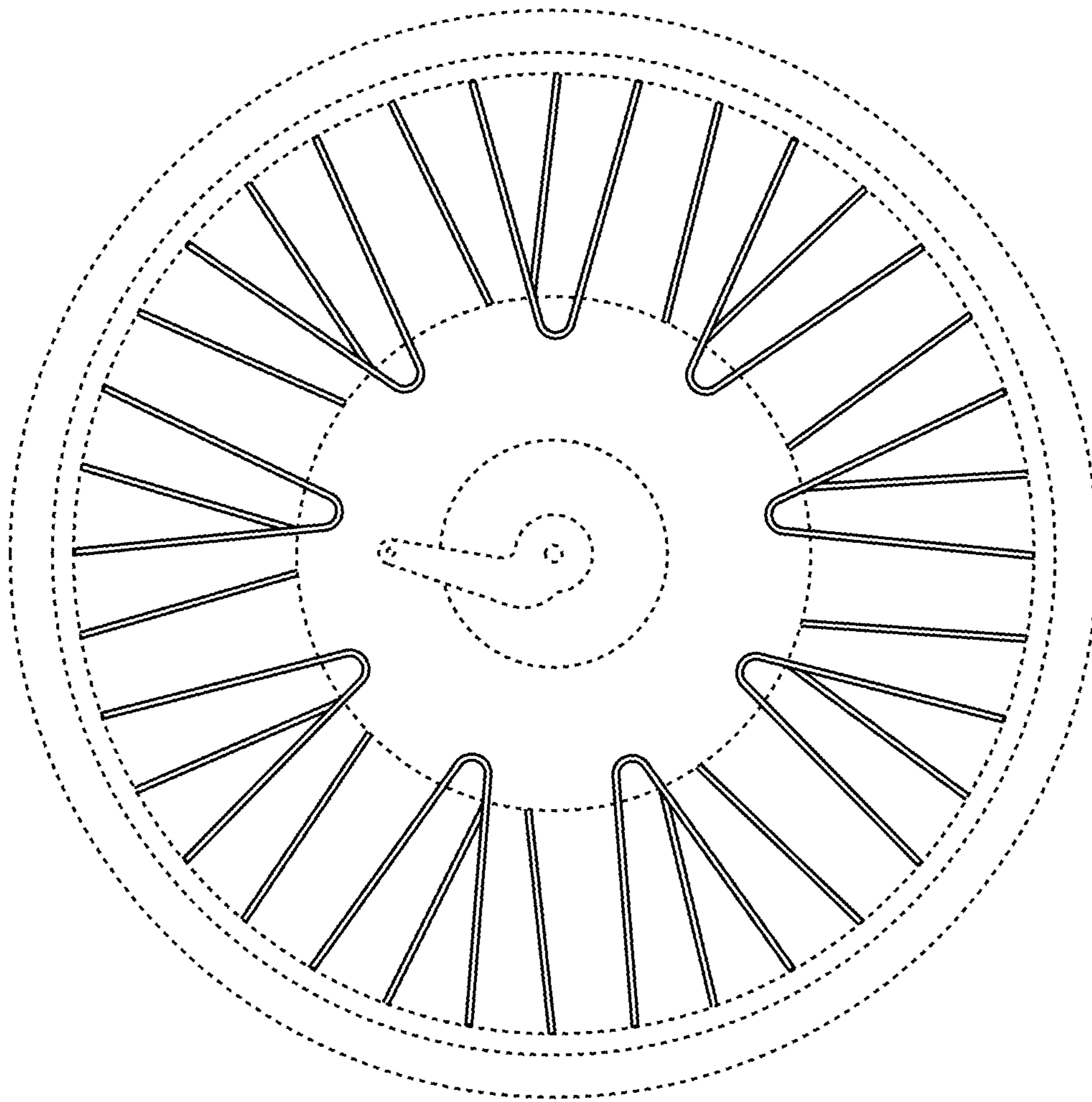


FIG. 2

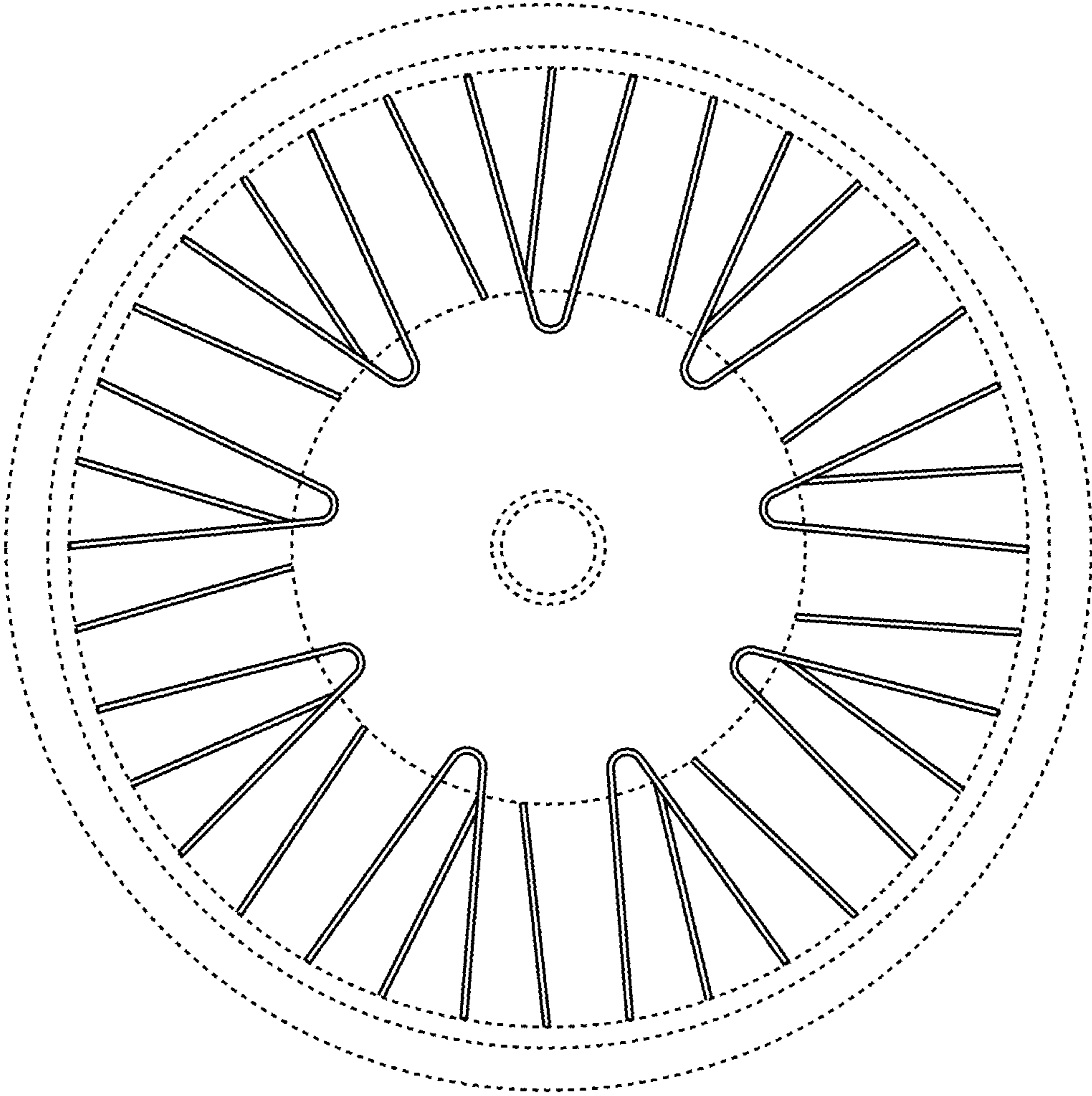


FIG. 3

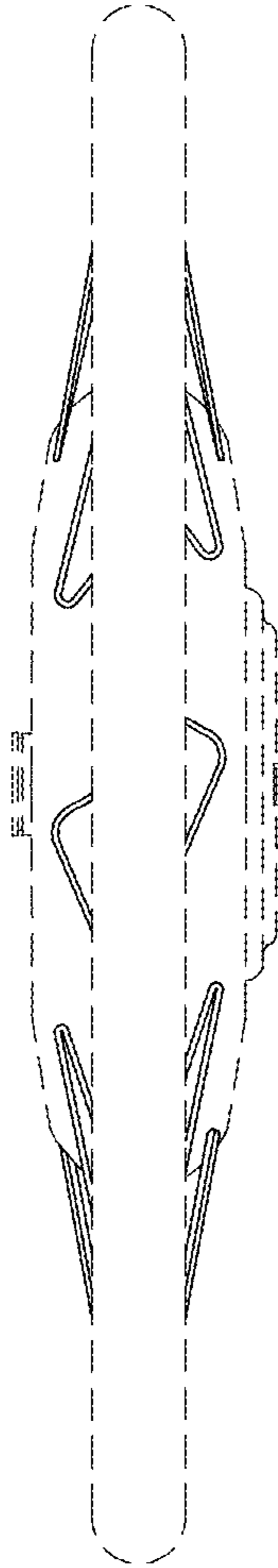


FIG. 4

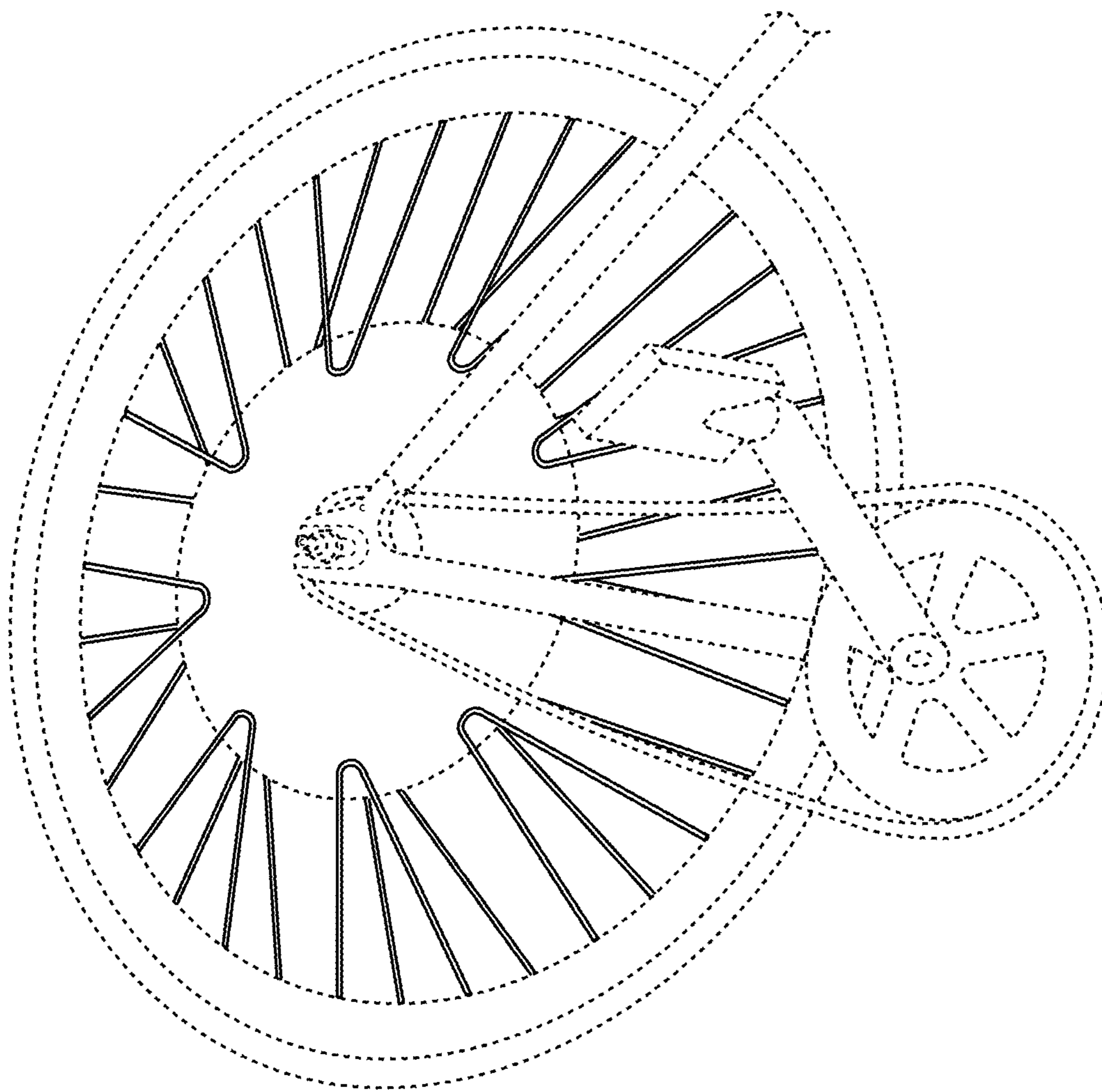


FIG. 5