US00D780237S

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

(10) **Patent No.: US D780,237 S**
(45) **Date of Patent: ** Feb. 28, 2017**

(54) **FINNED UNIT OF A STACKABLE HEATING SECTION OF A THERMAL RESERVOIR FOR A HOT MELT DISPENSER**

(71) Applicants: **Ryan R. Hopkins**, Reno, NV (US); **Vladimir Siroky**, Bayside, NY (US)

(72) Inventors: **Ryan R. Hopkins**, Reno, NV (US); **Vladimir Siroky**, Bayside, NY (US)

(73) Assignee: **Moldman Systems LLC**, Reno, NV (US)

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

(21) Appl. No.: **29/533,277**

(22) Filed: **Jul. 15, 2015**

(51) **LOC (10) Cl.** **15-09**

(52) **U.S. Cl.**
USPC **D15/135**

(58) **Field of Classification Search**
USPC D15/135, 136, 137, 144, 144.1, 144.2; 219/421; 222/146.5, 152, 156, 189.06, 222/386, 389, 397, 405
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

2,030,132 A * 2/1936 Apple H01R 43/06 425/128
2,465,283 A 3/1949 Schlehr
(Continued)

Primary Examiner — Patricia Palasik
(74) *Attorney, Agent, or Firm* — Reinhart Boerner Van Deuren P.C.

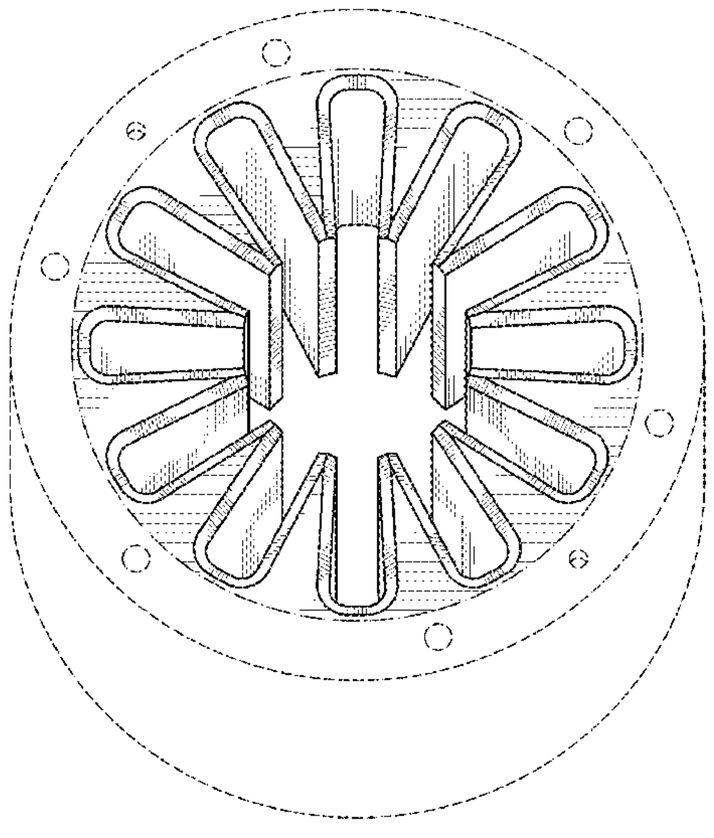
(57) **CLAIM**

The ornamental design for a finned unit of a stackable heating section of a thermal reservoir for a hot melt dispenser, as shown and described.

DESCRIPTION

FIG. **1** is top view of the finned unit of a stackable heating section of a thermal reservoir for a hot melt dispenser;
FIG. **2** is a bottom view of the finned unit of a stackable heating section of a thermal reservoir for a hot melt dispenser;
FIG. **3** is a top front perspective view of the finned unit of a stackable heating section of a thermal reservoir for a hot melt dispenser, being the same as the top rear perspective view of the finned unit of a stackable heating section of a thermal reservoir for a hot melt dispenser;
FIG. **4** is top side perspective view of the finned unit of a stackable heating section of a thermal reservoir for a hot melt dispenser, being the same as the top opposite side perspective view of the finned unit of a stackable heating section of a thermal reservoir for a hot melt dispenser;
FIG. **5** is a bottom front perspective view of the finned unit of a stackable heating section of a thermal reservoir for a hot melt dispenser, being the same as the bottom rear perspective view of the finned unit of a stackable heating section of a thermal reservoir for a hot melt dispenser;
FIG. **6** is bottom side perspective view of the finned unit of a stackable heating section of a thermal reservoir for a hot melt dispenser, being the same as the bottom opposite side perspective view of the finned unit of a stackable heating section of a thermal reservoir for a hot melt dispenser; and,
FIG. **7** is a partial illustration of a segment of the finned unit of a stackable heating section of a thermal reservoir for a hot melt dispenser taken about line **7-7** of FIG. **1** as viewed from a centerline of the finned unit of a stackable heating section of a thermal reservoir for a hot melt dispenser used to illustrate the profile of a radially inner face of the fins of the finned unit of a stackable heating section of a thermal reservoir for a hot melt dispenser.
The ornamental design which is claimed is shown in solid lines in the drawings. The broken lines form no part of the claimed design. The dash-dot lines are boundary lines. The dashed lines shown in the drawings illustrate general environment.

1 Claim, 4 Drawing Sheets



(56) **References Cited**

U.S. PATENT DOCUMENTS

D187,440	S *	3/1960	Tupper	D15/136
3,282,469	A *	11/1966	Skonberg	B29B 13/022 219/421
3,543,968	A	12/1970	Reighard et al.	
3,566,651	A *	3/1971	Tlaker	B21C 37/153 72/370.06
D227,528	S *	7/1973	Wahl	D15/136
3,813,911	A *	6/1974	Bibighaus	B21B 25/00 72/208
3,976,229	A *	8/1976	Jackson	B29B 13/022 219/421
3,982,669	A *	9/1976	Moore	B29B 13/022 222/146.5
4,073,409	A *	2/1978	Gardner	F04B 23/023 222/146.5
4,090,640	A *	5/1978	Smith	B29B 13/022 222/146.5
4,099,653	A	7/1978	Scholl et al.	
D269,349	S *	6/1983	Belter	D15/144
D270,353	S *	8/1983	Lewellen	D15/144
D273,616	S *	4/1984	Levine	D15/135
D276,617	S *	12/1984	Scholl	D15/144
4,545,504	A	10/1985	Fabel et al.	
D282,262	S *	1/1986	Ramazzotti	D15/145
4,804,110	A	2/1989	Sperry et al.	
5,005,731	A	4/1991	Koehler et al.	
D372,486	S *	8/1996	Morris	D15/136
D387,074	S *	12/1997	Farley	D15/144.2
D387,075	S *	12/1997	Farley	D15/144.2
5,881,592	A *	3/1999	Blackwell	B21C 1/24 72/283
6,046,437	A *	4/2000	Frates	B29B 13/022 219/426
D482,376	S *	11/2003	Jeter	D15/144
6,644,358	B2 *	11/2003	Demarest	B22D 13/02 138/121
D489,741	S *	5/2004	Calco	D15/144
D556,798	S *	12/2007	Franco	D15/144
7,441,568	B2	10/2008	Porter et al.	
D645,066	S *	9/2011	Sakae	D15/136
D646,700	S *	10/2011	Takeuchi	D15/135
D696,398	S *	12/2013	Blanco	D24/127
D733,198	S *	6/2015	Chappel	D15/136
D741,921	S *	10/2015	Jarvius	D15/136
D764,554	S *	8/2016	Charles	D15/136

* cited by examiner

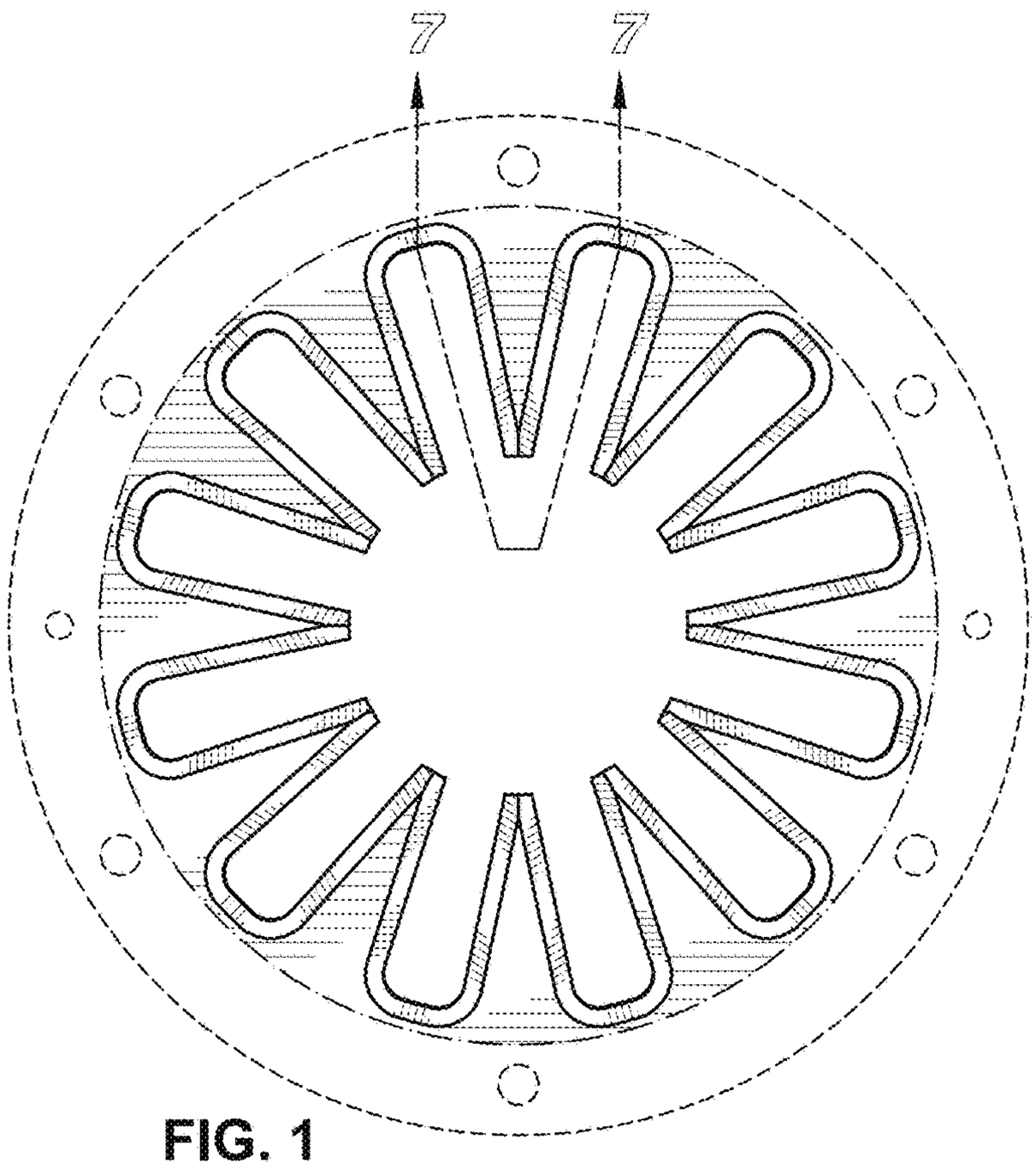


FIG. 1

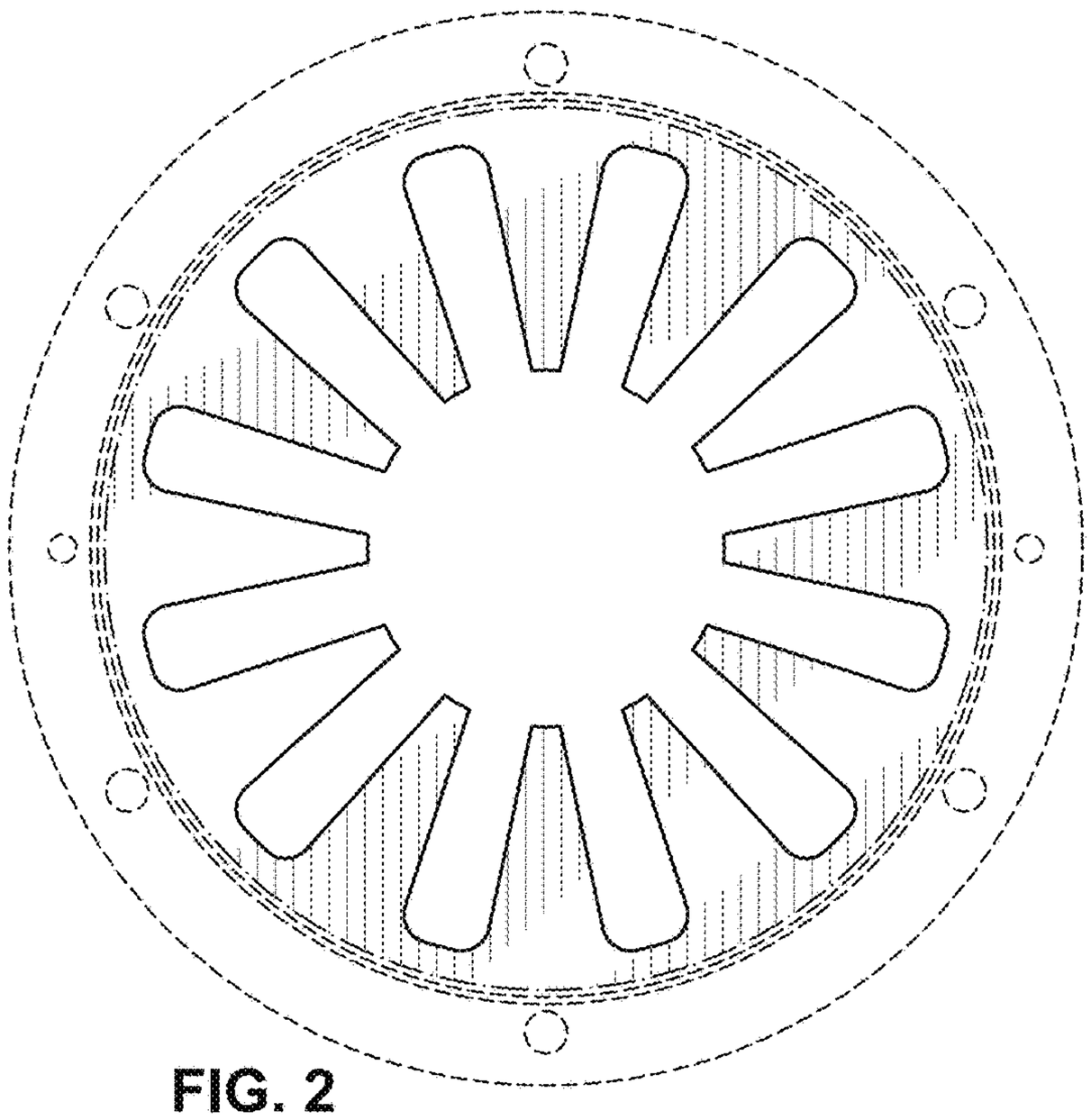


FIG. 2

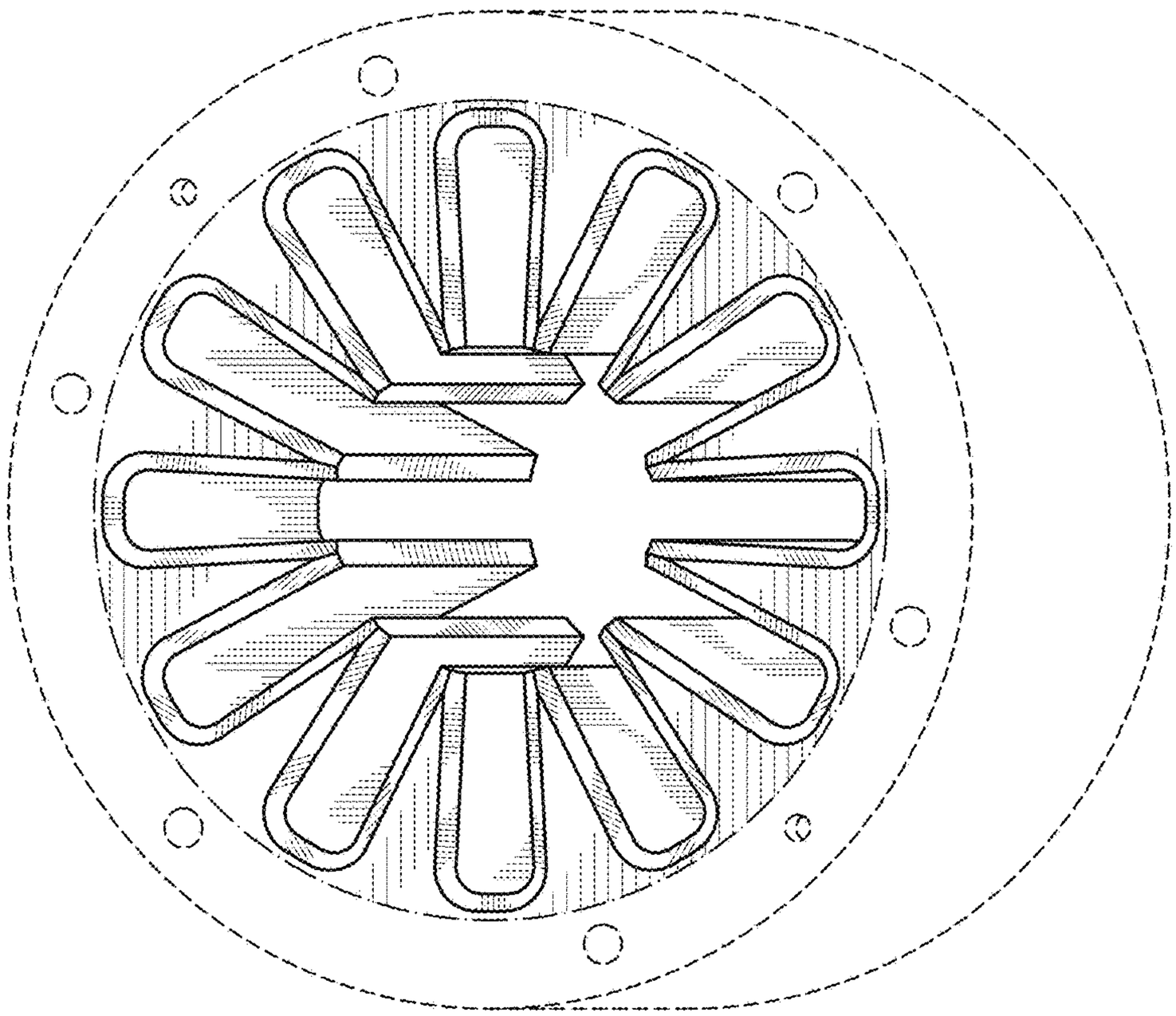


FIG. 4

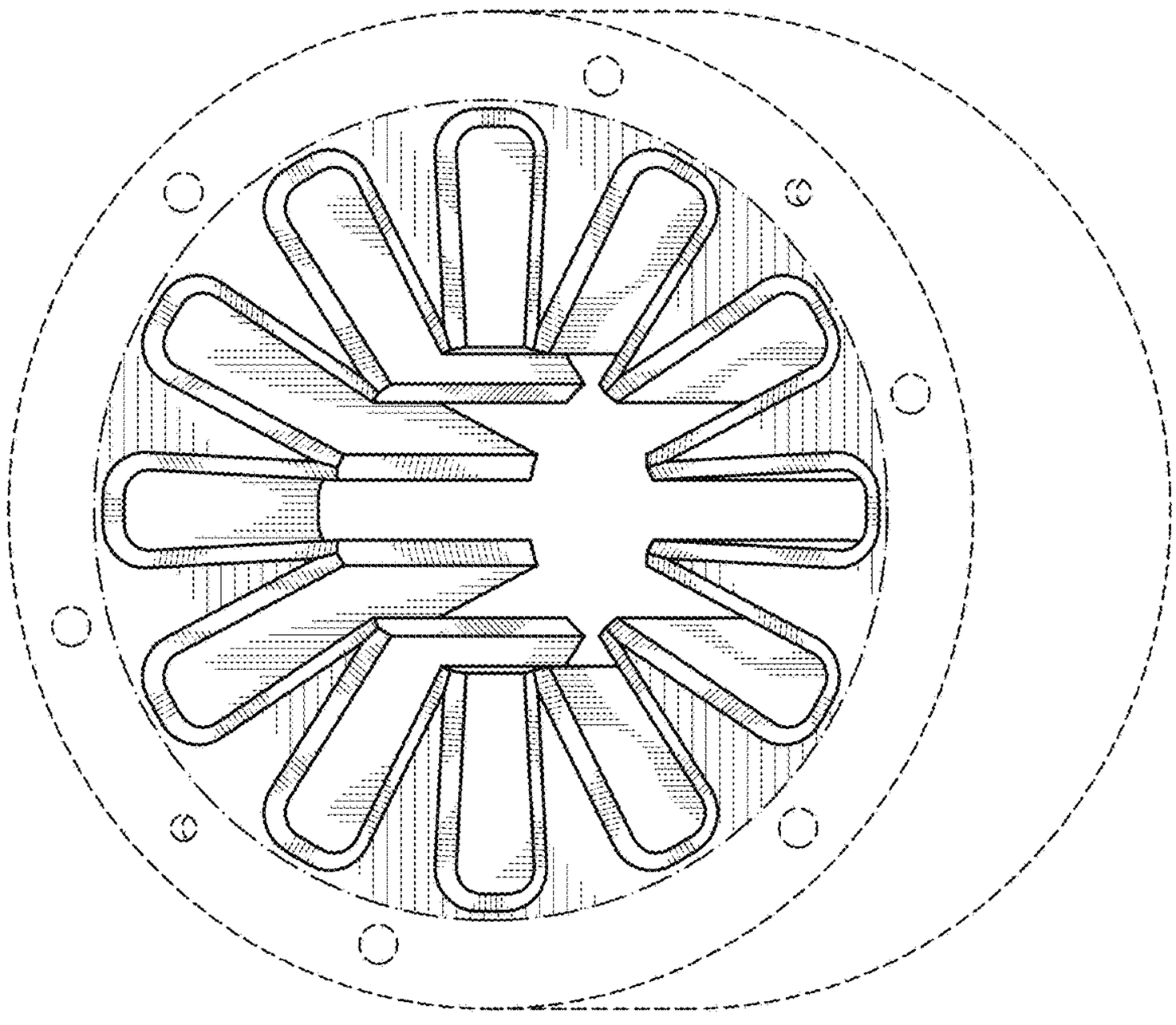


FIG. 3

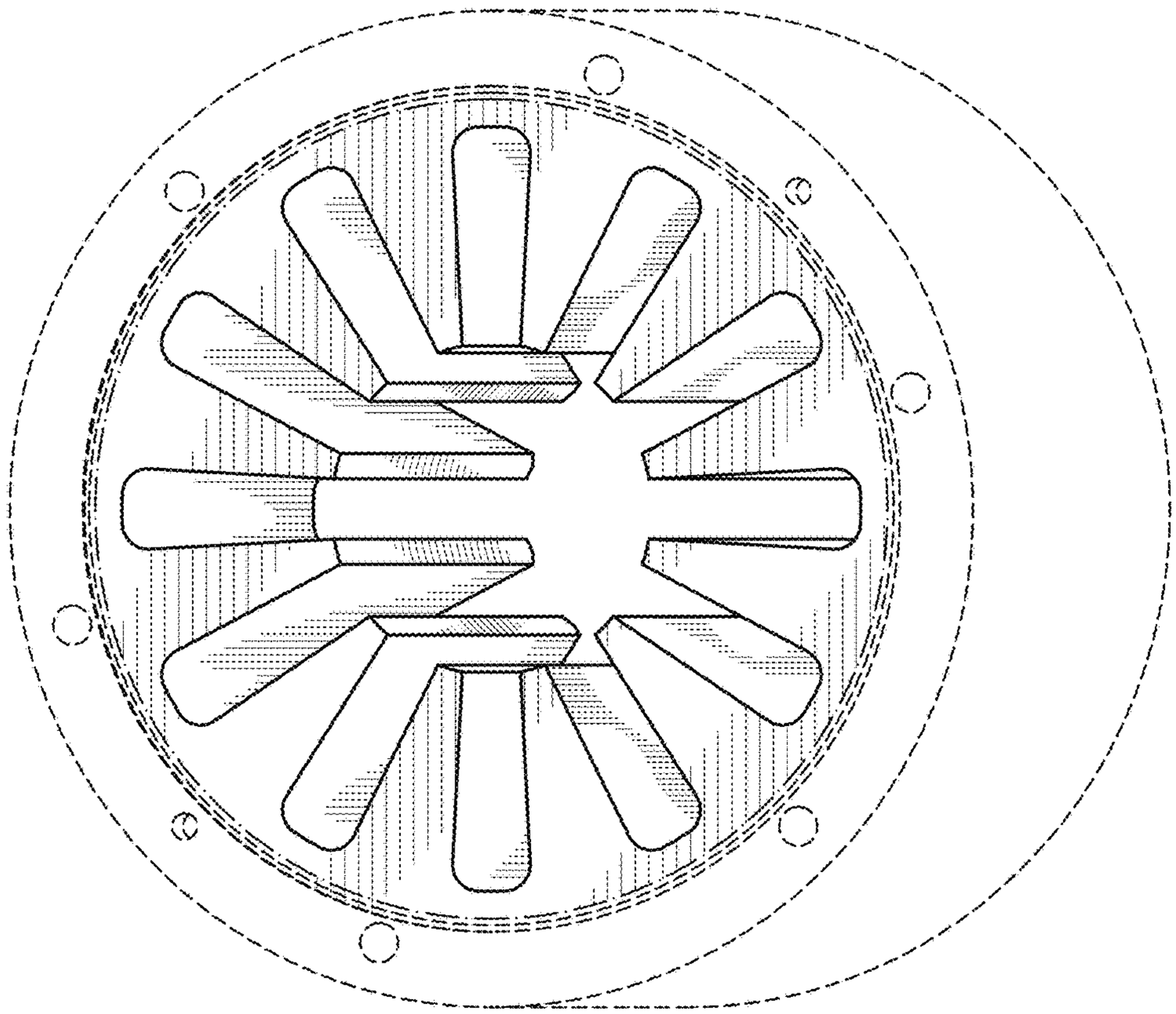


FIG. 4

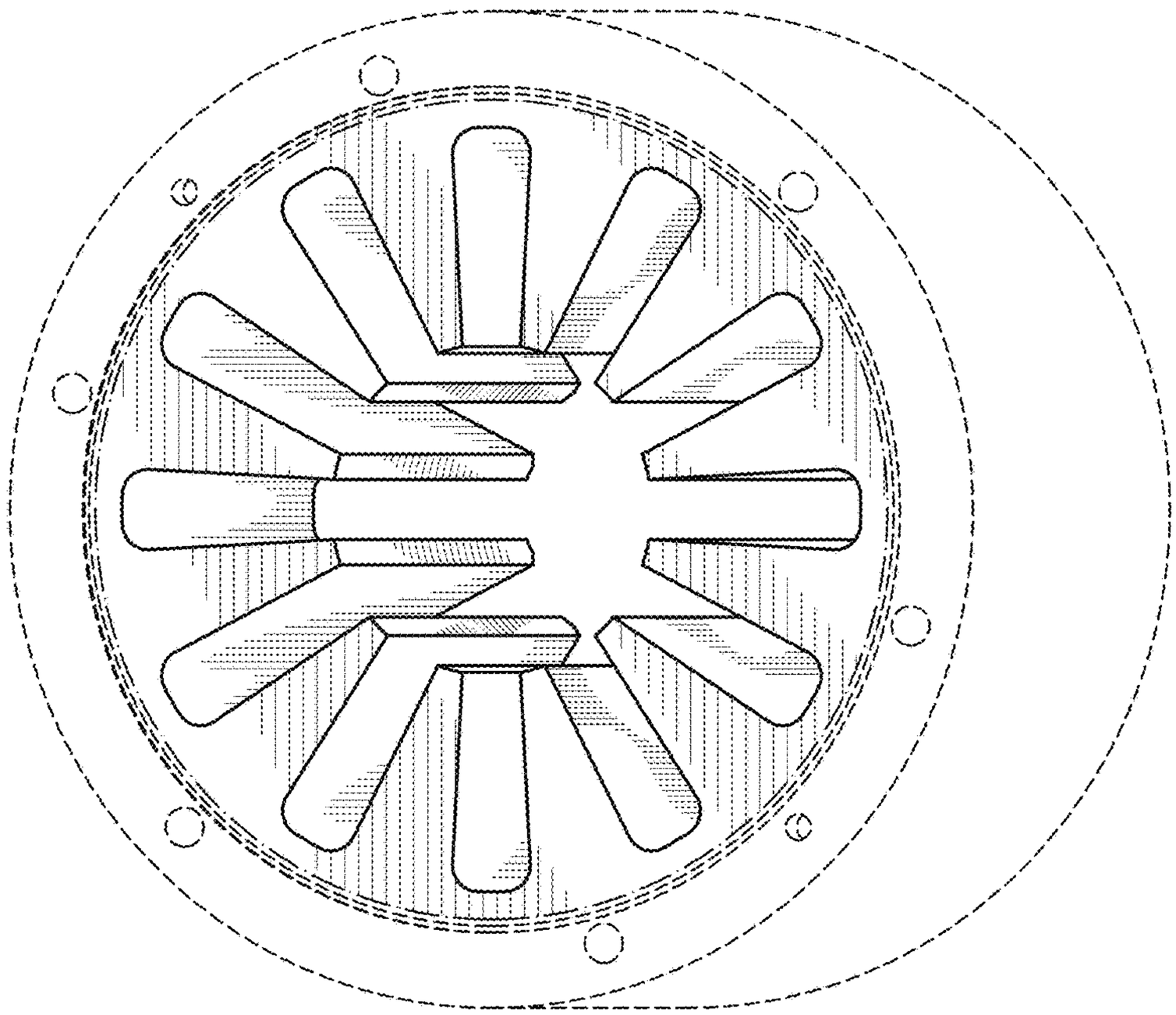


FIG. 5

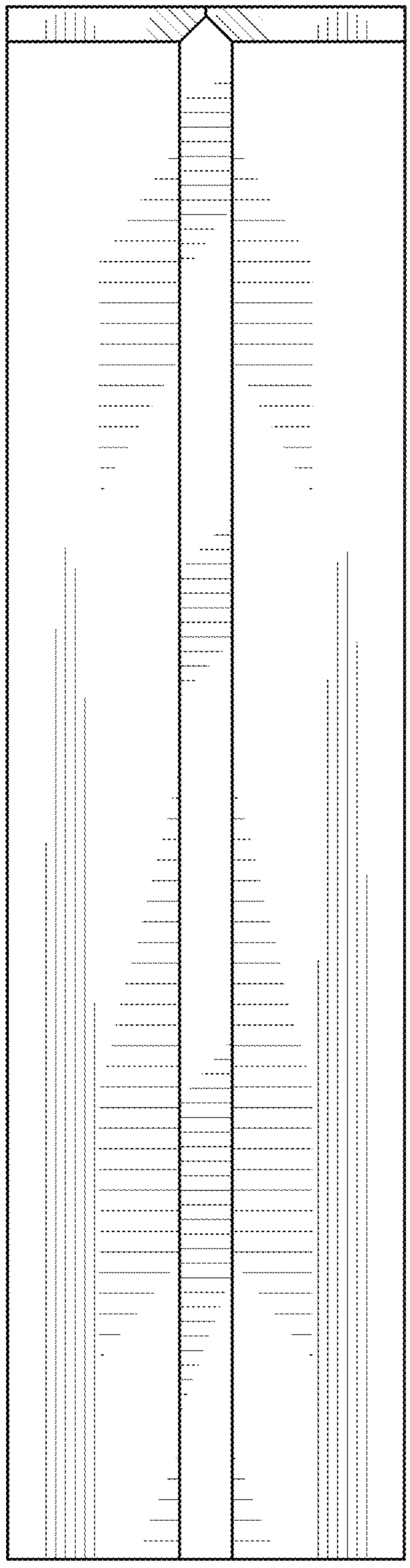


FIG. 7