US00D642126S

(12) United States Design Patent

Li et al.

(10) Patent No.: US D642,126 S
(45) Date of Patent: ** Jul. 26, 2011

(54) **ROTOR CORE FOR AN ELECTRIC MOTOR**

(75) Inventors: **Yue Li**, Hong Kong (CN); **Jian Zhao**, Shenzhen (CN); **Yong Wang**, Shenzhen (CN); **Ya Ming Zhang**, Shenzhen (CN); **Yan Hong Xue**, Hong Kong (CN); **Mao Xiong Jiang**, Shenzhen (CN)

(73) Assignee: **Johnson Electric S.A.**, Murten (CH)

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

(21) Appl. No.: **29/380,085**

(22) Filed: **Nov. 30, 2010**

(30) **Foreign Application Priority Data**

May 31, 2010 (CN) 2010 3 0189040

(51) **LOC (9) Cl.** **13-01**
(52) **U.S. Cl.** **D13/122**
(58) **Field of Classification Search** D13/122, D13/112, 114, 118, 199; D8/382; D12/180; D15/5; 310/71, 85, 86, 156.01, 156.53, 156.56, 310/194, 216, 254.1, 262, 263; 336/198, 336/200, 208
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

5,488,984	A *	2/1996	Fahy	164/91
D406,229	S *	3/1999	Lucht	D8/382
6,133,662	A	10/2000	Matsunobu et al.	
D441,715	S *	5/2001	Sasaki et al.	D13/122
D443,585	S *	6/2001	Shida et al.	D13/122
6,429,565	B1	8/2002	Matsunobu et al.	
6,664,688	B2 *	12/2003	Naito et al.	310/156.01
6,674,205	B2 *	1/2004	Biais et al.	310/156.53
6,703,746	B2 *	3/2004	Biais et al.	310/156.53
6,815,858	B2	11/2004	Matsunobu et al.	
6,979,924	B2	12/2005	Nishiyama et al.	
7,151,335	B2	12/2006	Tajima et al.	
7,230,359	B2	6/2007	Iles-Klumpner	
D552,543	S *	10/2007	Su	D13/122
7,474,029	B2	1/2009	Rahman et al.	
7,521,832	B2	4/2009	Tajima et al.	
2010/0079026	A1	4/2010	Han et al.	

* cited by examiner

Primary Examiner — Stella Reid
Assistant Examiner — Derrick Holland
(74) *Attorney, Agent, or Firm* — Muncy, Geissler, Olds & Lowe, PLLC

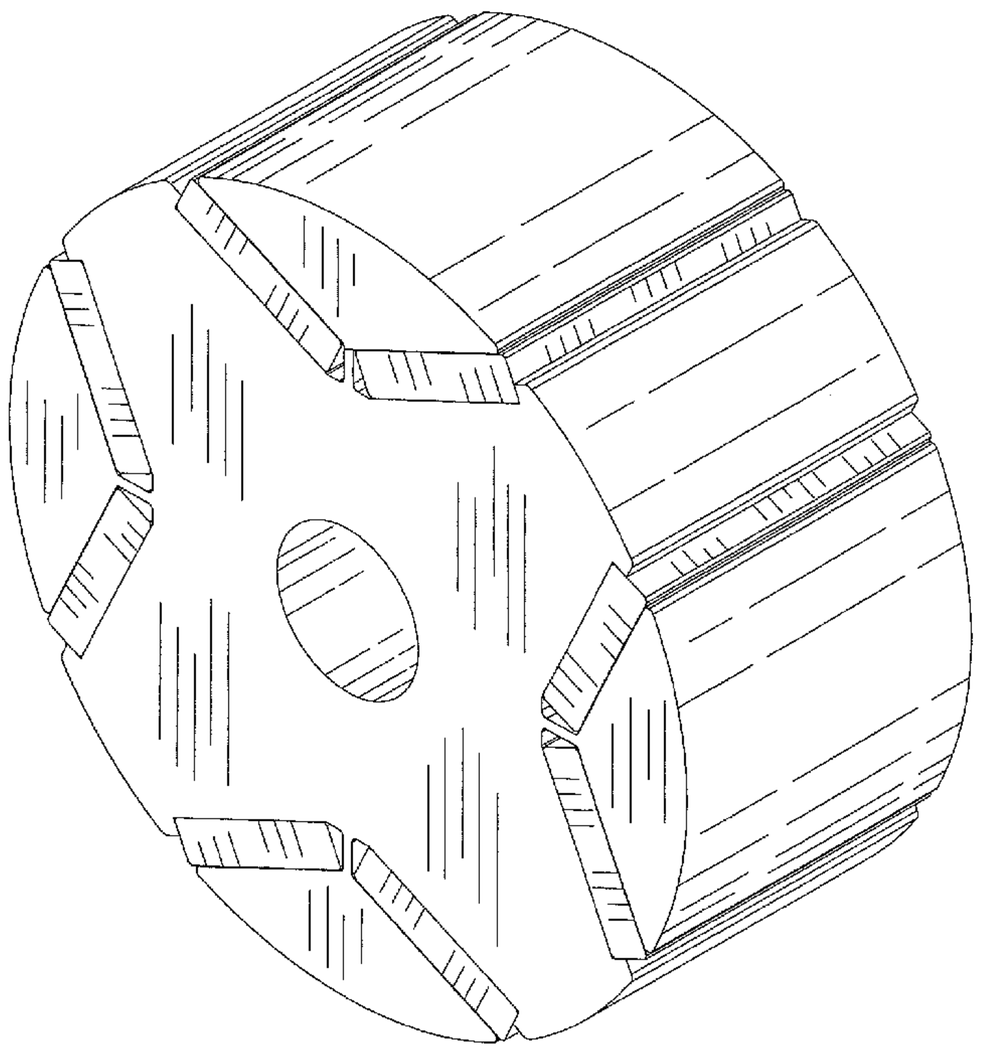
(57) **CLAIM**

The ornamental design for a rotor core for an electric motor, as shown and described.

DESCRIPTION

FIG. **1** is a front elevation view of a rotor core for an electric motor showing our new design, the rear being a mirror image;
FIG. **2** is a right side elevation view thereof, the left side being a mirror image;
FIG. **3** is a top plan view thereof, the bottom plan being a mirror image; and,
FIG. **4** is a front perspective view thereof, the rear perspective being a mirror image.

1 Claim, 4 Drawing Sheets



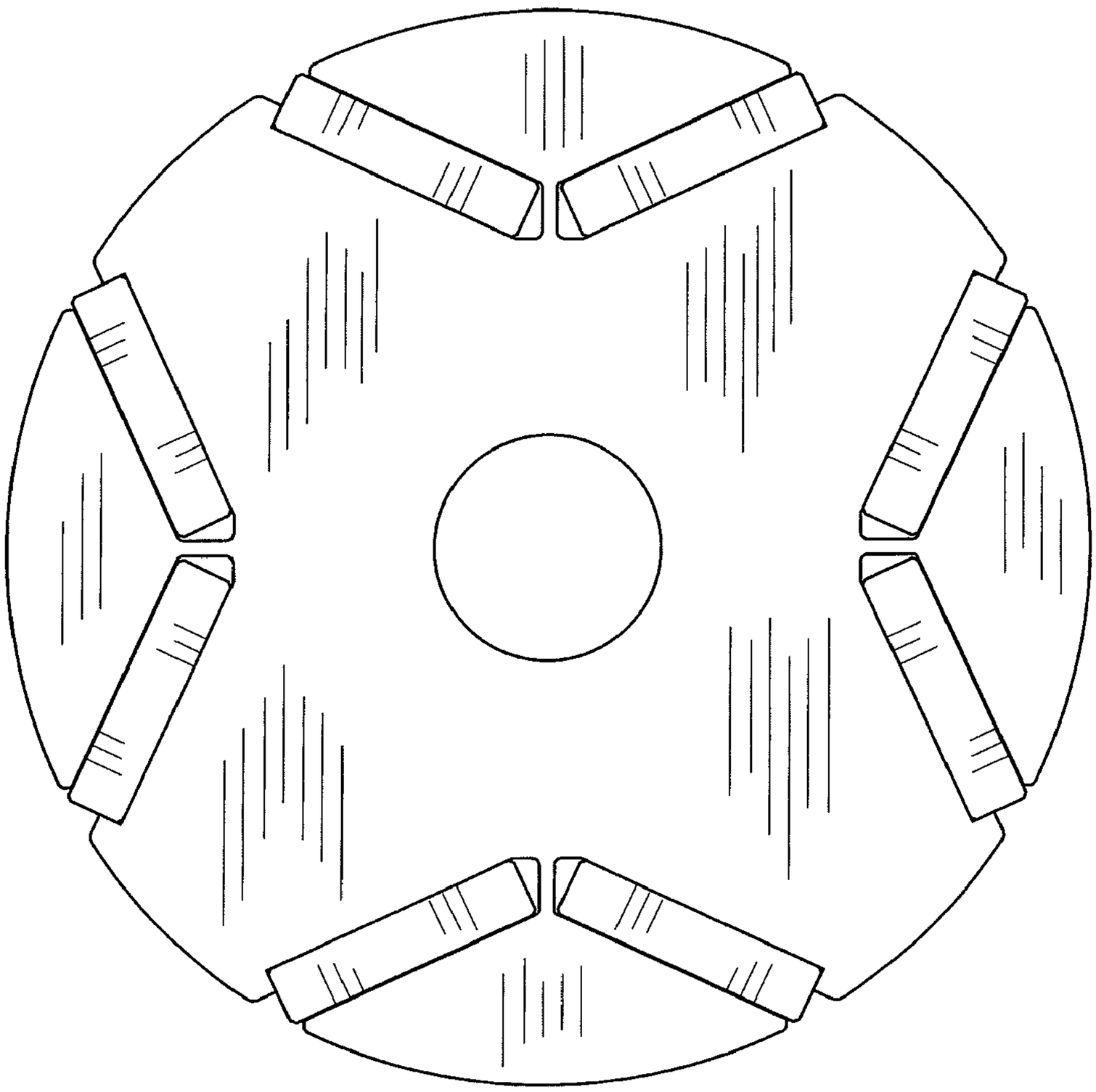


FIG. 1

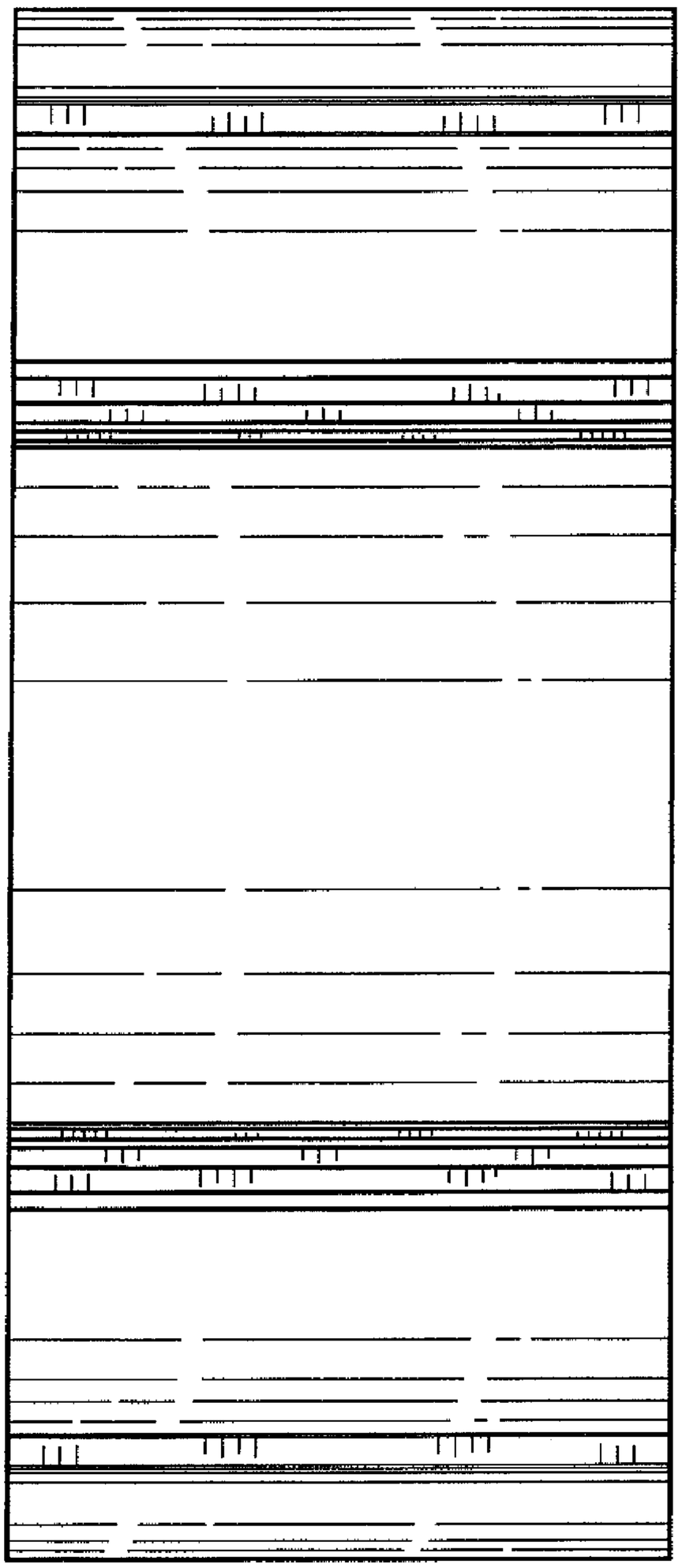


FIG. 2

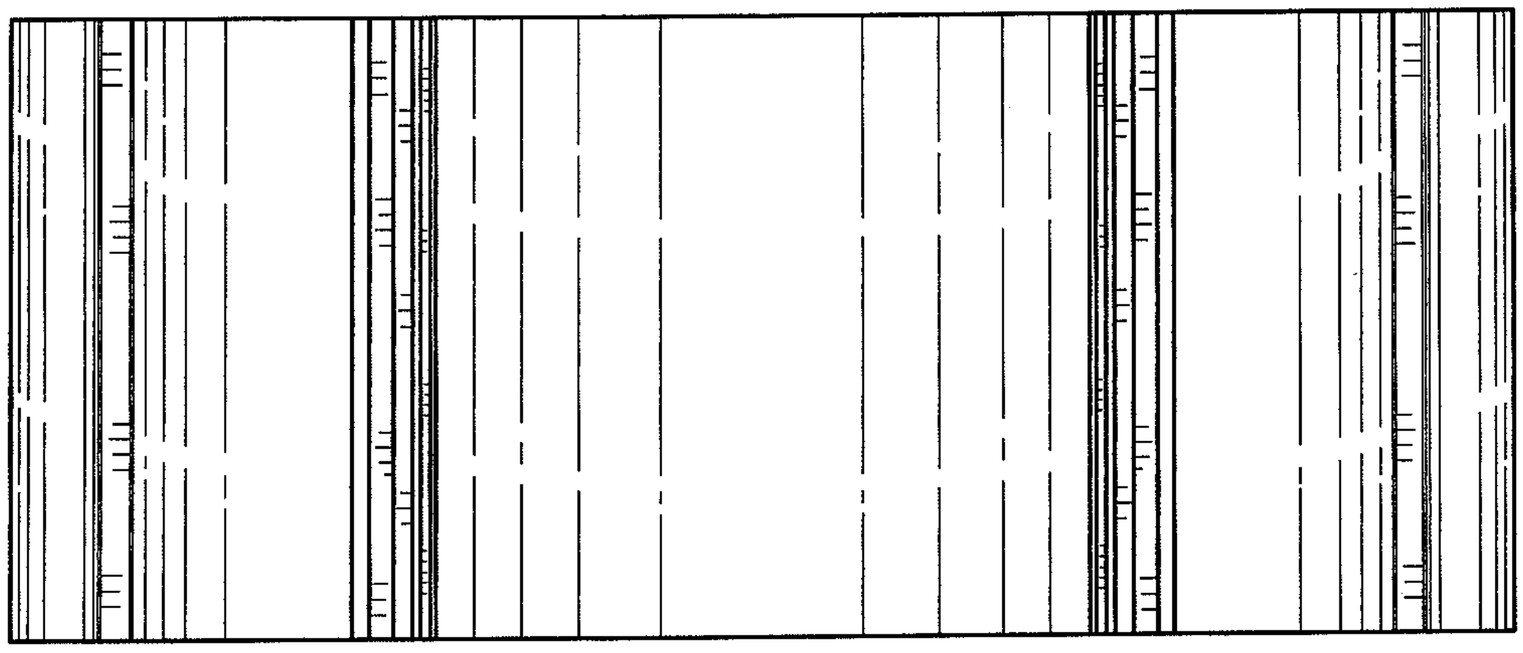


FIG. 3

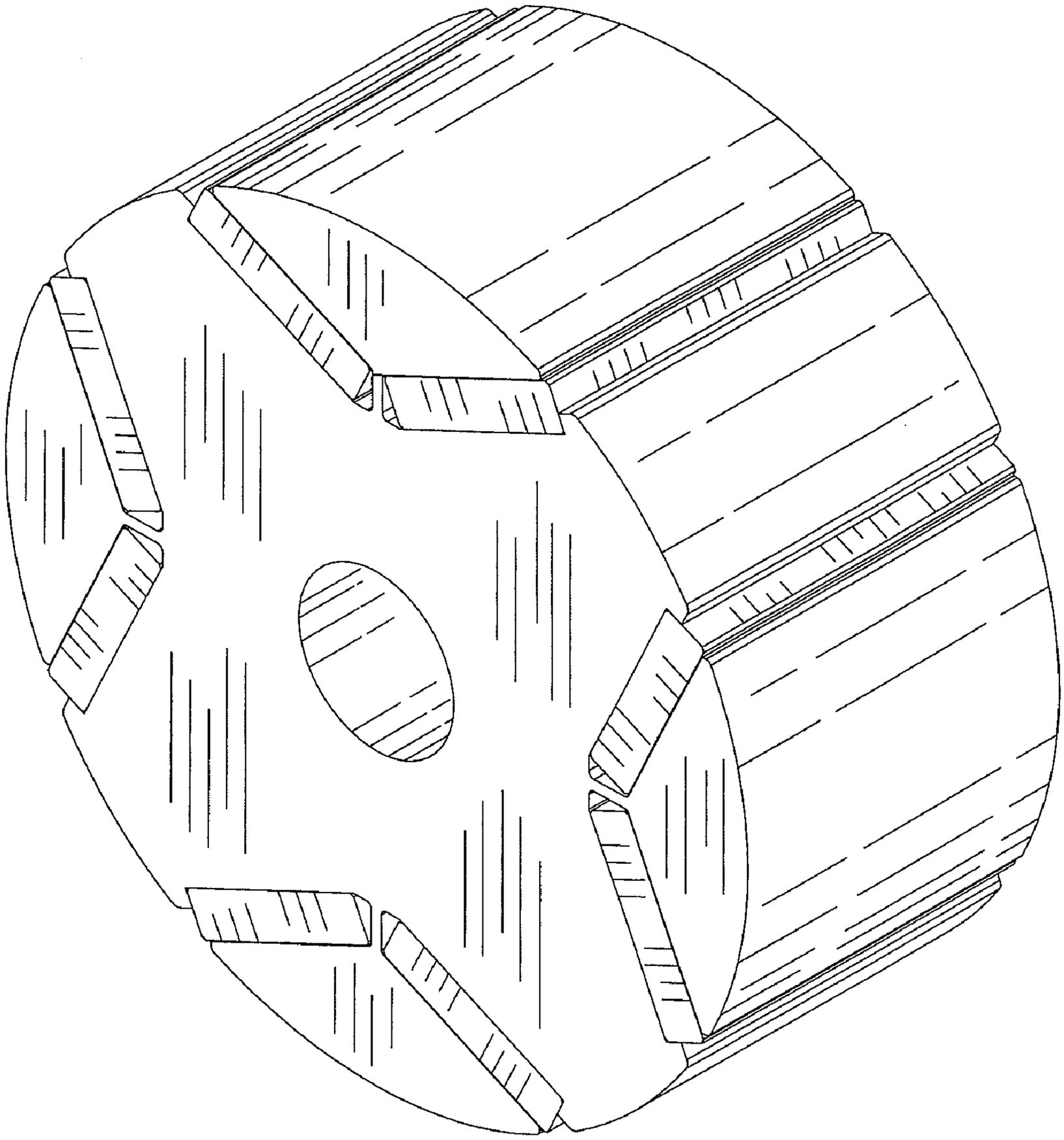


FIG. 4