



US00D709029S

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

(10) **Patent No.:** **US D709,029 S**
(45) **Date of Patent:** **** Jul. 15, 2014**

- (54) **ELECTRICAL COIL**
- (71) Applicant: **Regal Beloit America, Inc.**, Beloit, WI (US)
- (72) Inventors: **Dale Romanowski**, Wausau, WI (US);
William J. Conway, Wausau, WI (US)
- (73) Assignee: **Regal Beloit America, Inc.**, Beloit, WI (US)
- (**) Term: **14 Years**
- (21) Appl. No.: **29/448,215**
- (22) Filed: **Mar. 11, 2013**
- (51) **LOC (10) Cl.** **13-02**
- (52) **U.S. Cl.**
USPC **D13/118; D13/117**
- (58) **Field of Classification Search**
USPC D13/117, 118, 113, 122, 182, 183, 199;
D6/504; D7/407, 408; D15/5, 199;
D22/122; 242/160.1, 160.4, 360;
335/13, 134, 136, 213, 282; 336/15,
336/69, 70, 139, 174, 198; 310/201, 203,
310/208, 260, 270; 320/108
See application file for complete search history.

6,003,805	A	12/1999	Newman	
D423,028	S *	4/2000	Okura et al.	D15/199
D454,839	S *	3/2002	Hoglund	D13/118
D469,500	S *	1/2003	Hoo	D22/122
6,679,449	B2	1/2004	Sugiuchi	
6,791,227	B2 *	9/2004	Yasuhara et al.	310/201
6,806,611	B2	10/2004	Bharaj et al.	
D565,508	S *	4/2008	Ogawa et al.	D13/117
7,705,508	B2 *	4/2010	Dooley et al.	310/208
7,775,474	B2	8/2010	Maruyama	
D640,198	S *	6/2011	Wu et al.	D13/122
8,122,588	B2	2/2012	Awano et al.	
2008/0010812	A1	1/2008	Clark	
2012/0066897	A1	3/2012	Hiramatsu et al.	
2012/0141292	A1	6/2012	Signore et al.	

* cited by examiner

Primary Examiner — Derrick Holland

(74) *Attorney, Agent, or Firm* — Armstrong Teasdale LLP

(57) **CLAIM**

We claim the ornamental design for an electrical coil, as shown and described.

DESCRIPTION

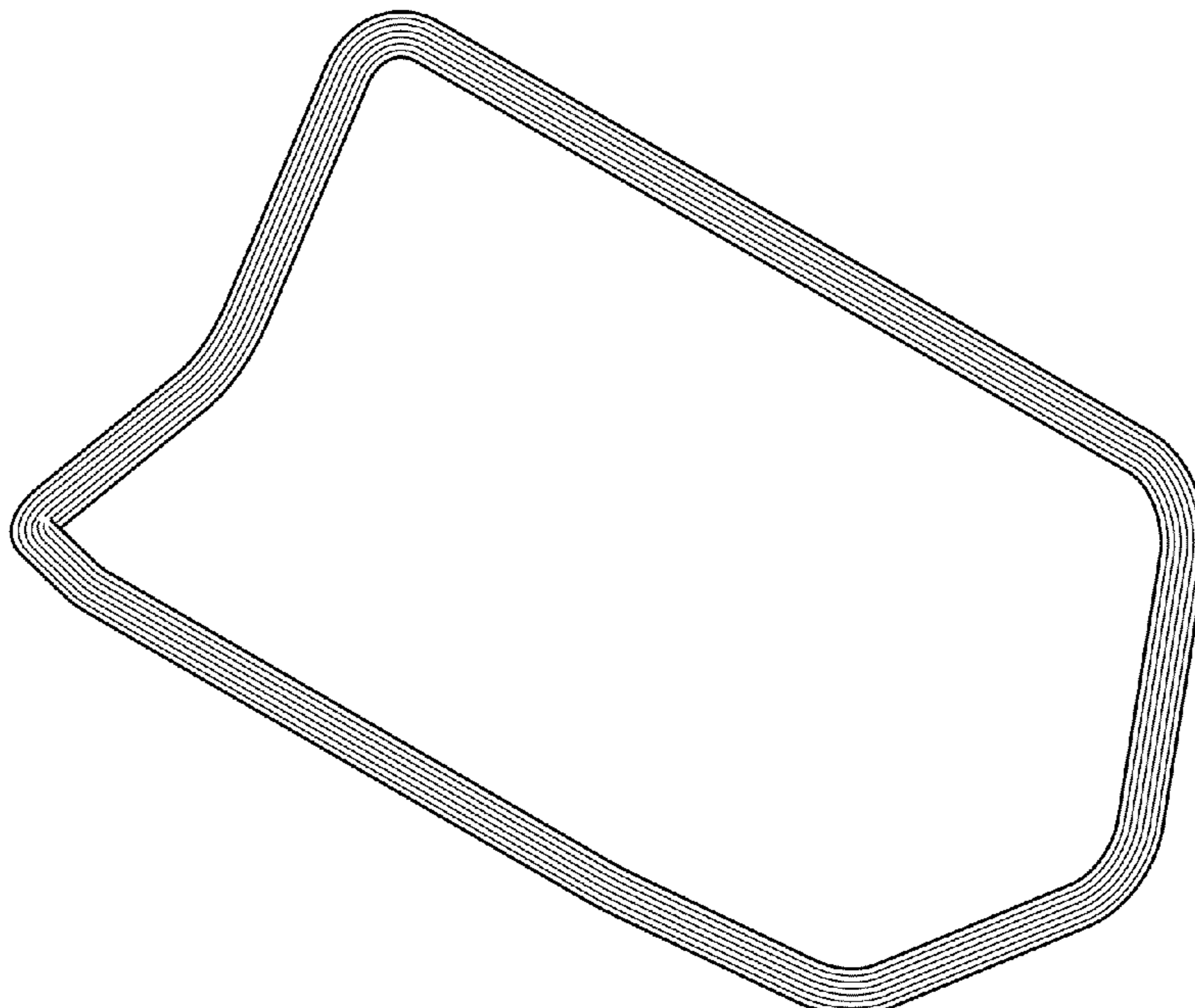
FIG. 1 is a front perspective view of an electrical coil showing our new design;
 FIG. 2 is a front view of the electrical coil as shown in FIG. 1;
 FIG. 3 is a rear view of the electrical coil as shown in FIG. 1;
 FIG. 4 is a right side view of the electrical coil as shown in FIG. 1;
 FIG. 5 is a left side view of the electrical coil as shown in FIG. 1;
 FIG. 6 is a top view of the electrical coil as shown in FIG. 1;
 and,
 FIG. 7 is a bottom view of the electrical coil as shown in FIG. 1.

1 Claim, 3 Drawing Sheets

(56) **References Cited**

U.S. PATENT DOCUMENTS

693,579	A *	2/1902	Wait	310/201
3,958,611	A	5/1976	Lesch et al.	
4,835,841	A	6/1989	Gunnels et al.	
4,928,894	A	5/1990	Ohno et al.	
5,397,070	A	3/1995	Yano	
5,538,196	A	7/1996	Auchincloss et al.	
5,959,433	A *	9/1999	Rohde	320/108



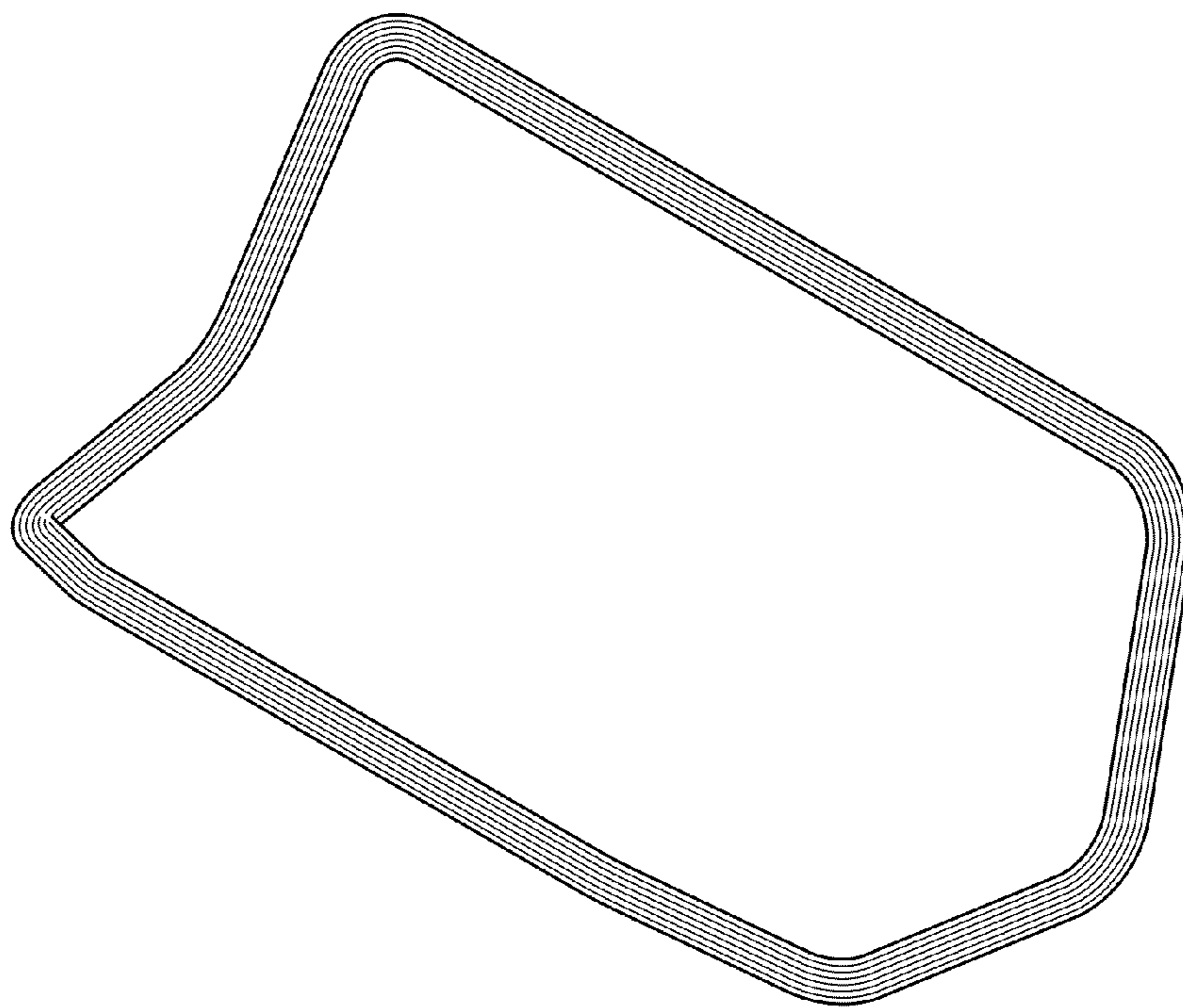


FIG. 1



FIG. 2

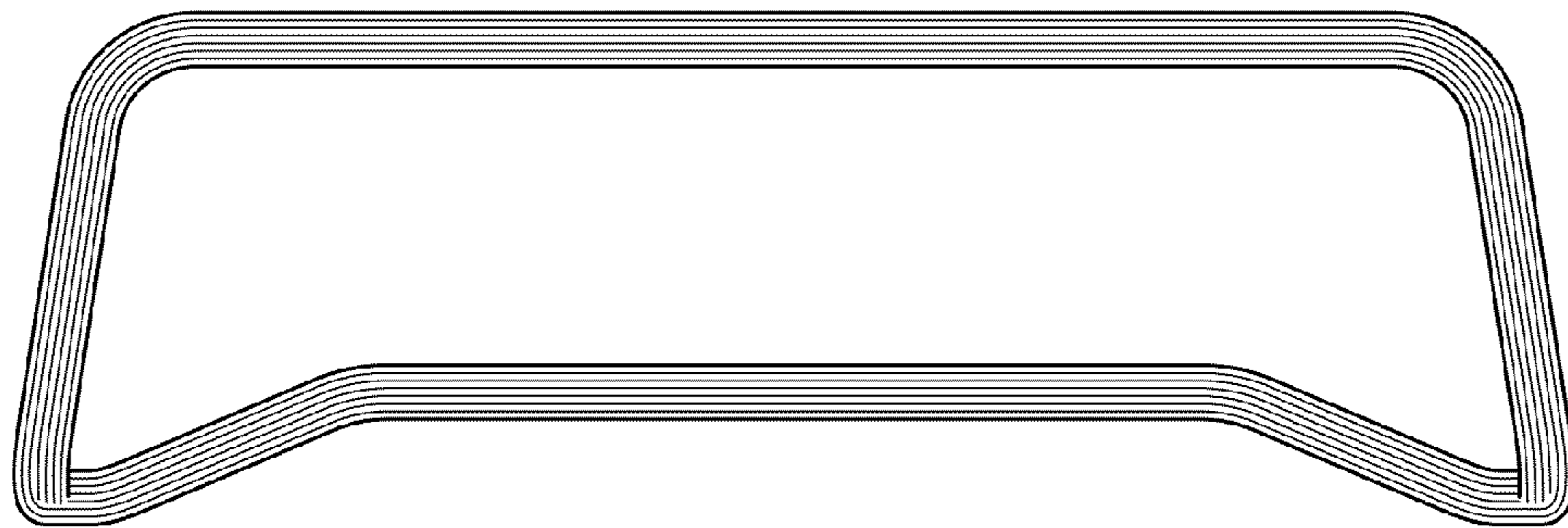


FIG. 3

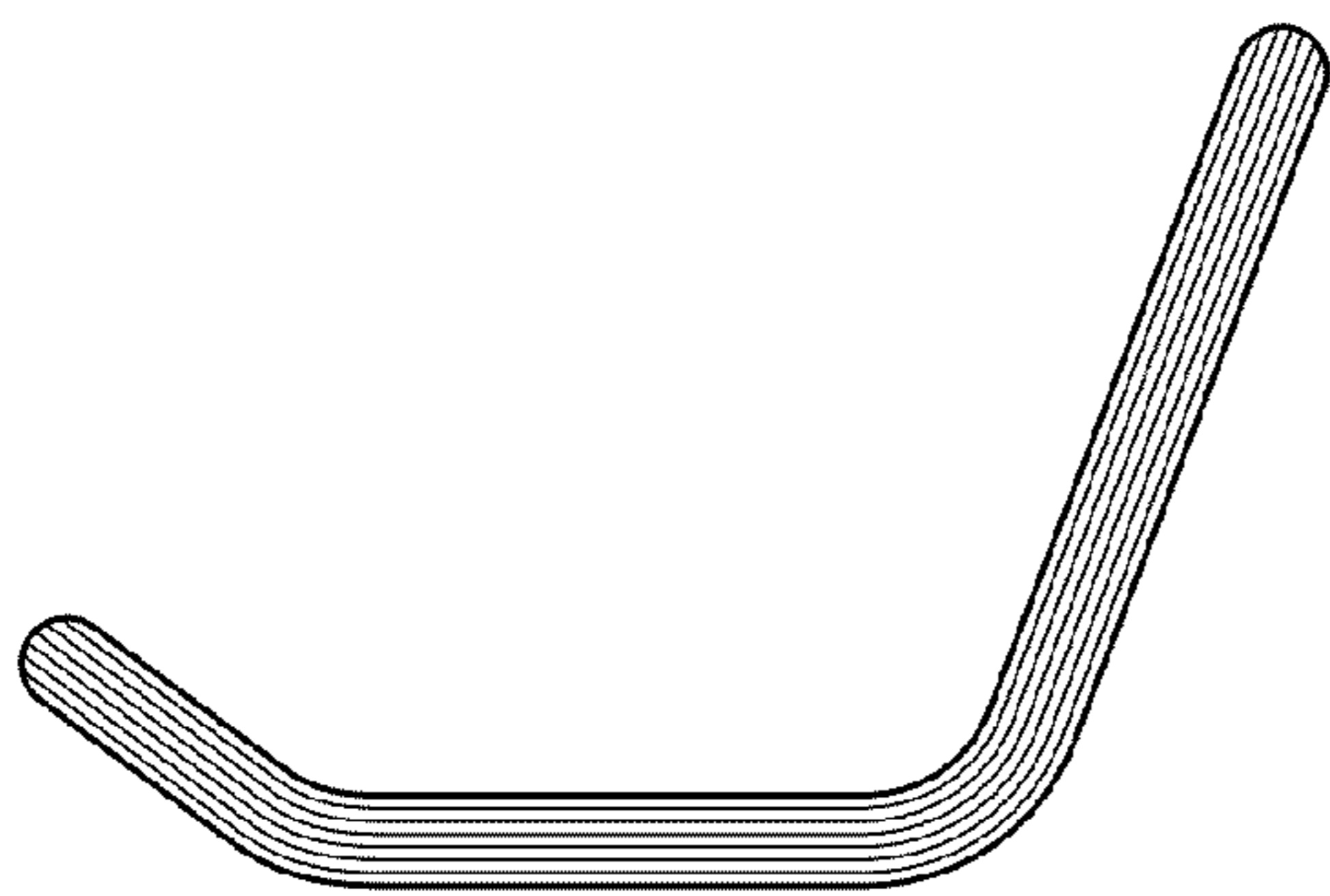


FIG. 4

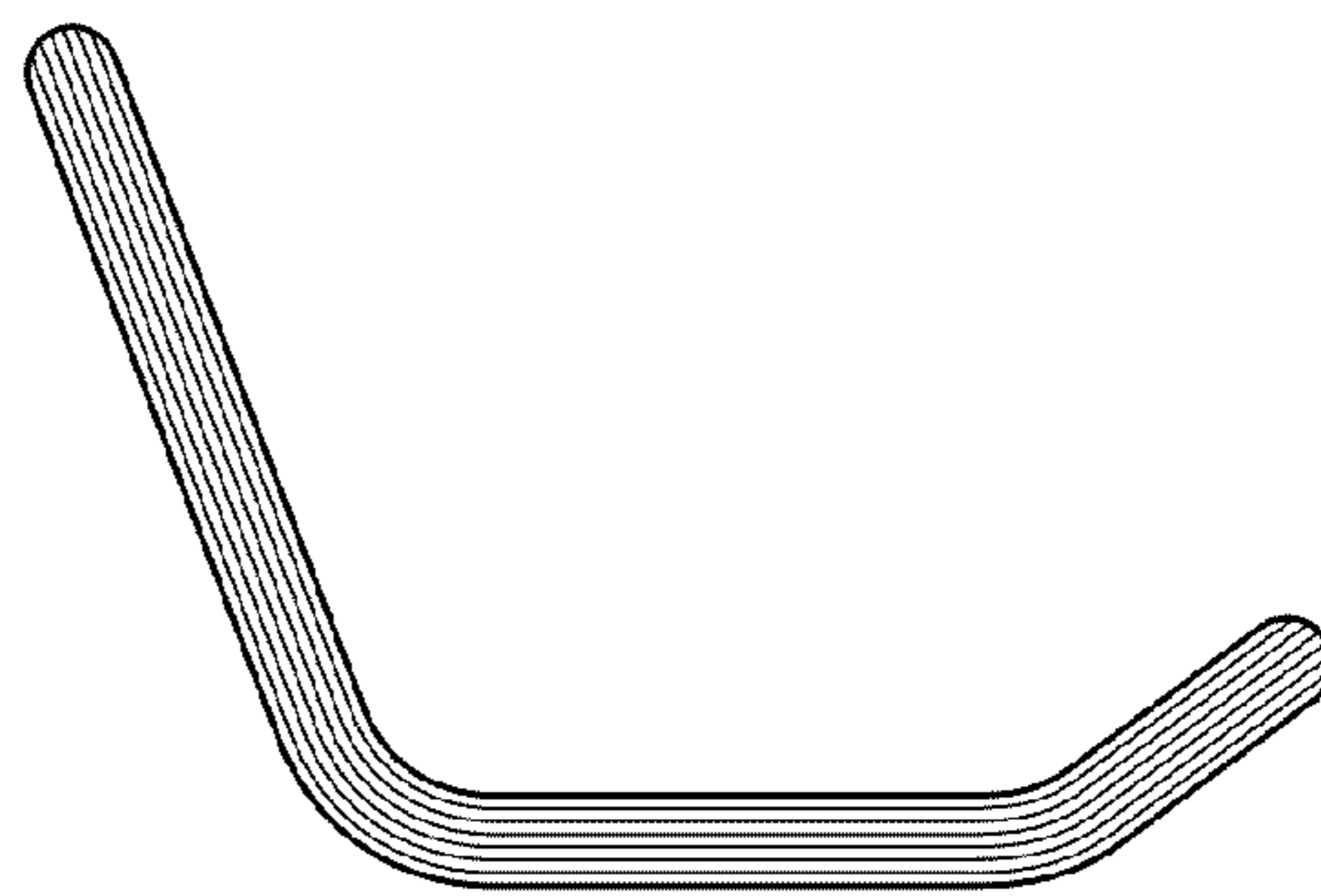


FIG. 5

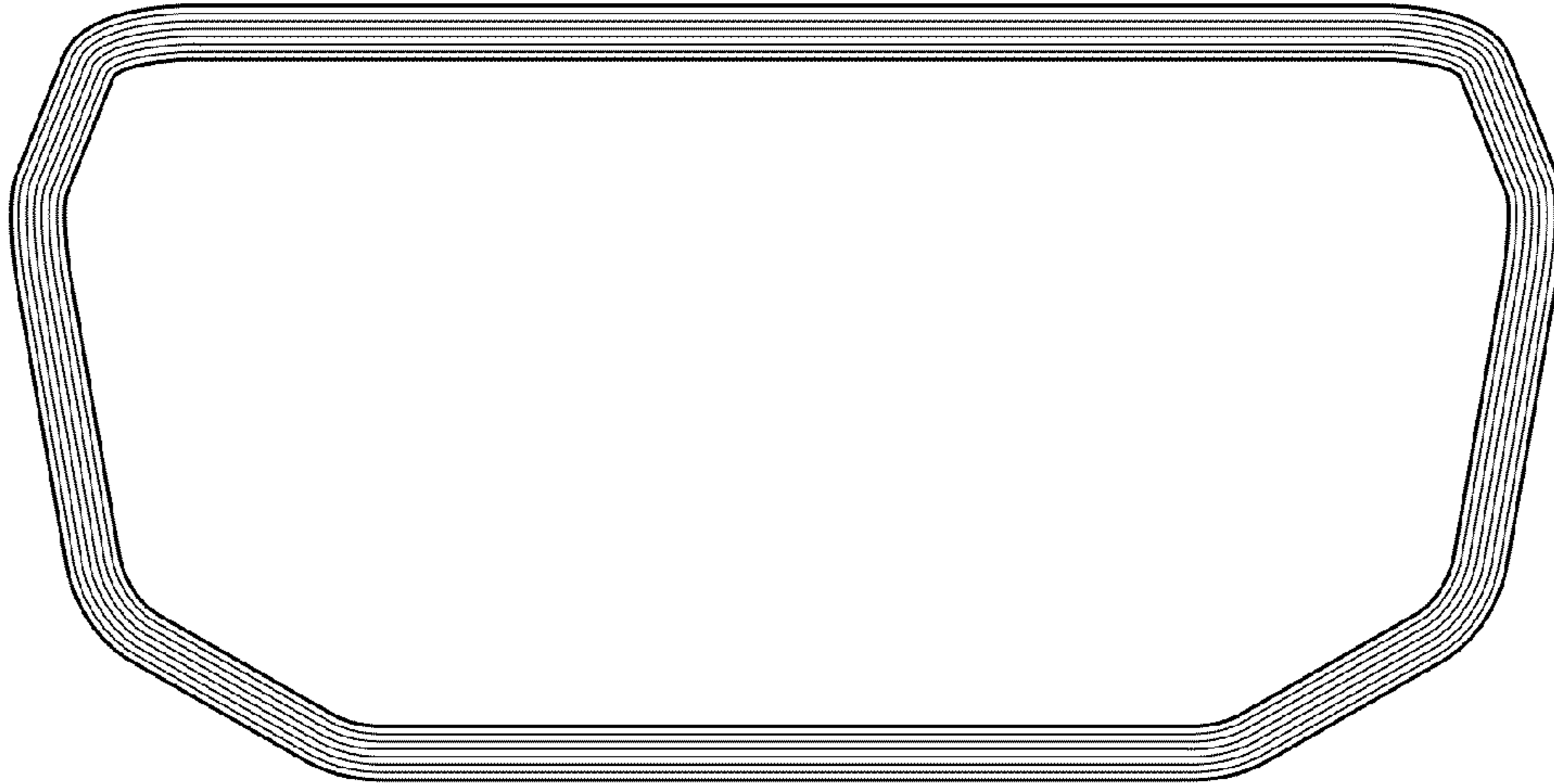


FIG. 6



FIG. 7