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

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(54) **HOSE FOR CLEANER**

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

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(30) **Foreign Application Priority Data**

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(51) **LOC (10) Cl.** **15-05**

(52) **U.S. Cl.**
USPC **D32/31**

(58) **Field of Classification Search**
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285/7; D5/1
CPC F16L 11/121; F16L 11/15; F16L 11/16;
F16L 11/08
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D21,561 S *	5/1892	Wilkinson	.....	D23/266
D46,944 S *	2/1915	Coughlin	.....	D23/266
D180,850 S *	8/1957	Stahl	.....	D23/266
D213,828 S *	4/1969	Blake	.....	D23/266
D222,643 S *	11/1971	Martin et al.	.....	D23/266
3,658,097 A *	4/1972	Martin et al.	.....	138/121
D267,906 S *	2/1983	Parise et al.	.....	D32/31
D294,413 S *	2/1988	Berfield et al.	.....	D32/31
D294,414 S *	2/1988	Berfield et al.	.....	D32/31

D296,356 S *	6/1988	Kanao	.....	D23/266
D299,772 S *	2/1989	Smith	.....	D32/31
D300,574 S *	4/1989	Smith	.....	D32/31
D330,615 S *	10/1992	Essex et al.	.....	D32/31
D330,616 S *	10/1992	Wareham et al.	.....	D32/31
D330,787 S *	11/1992	Waltz et al.	.....	D32/31
D333,020 S *	2/1993	McKnight	.....	D32/31
D334,261 S *	3/1993	McKnight	.....	D32/31
D344,821 S *	3/1994	McKnight	.....	D32/31
D344,822 S *	3/1994	Miller et al.	.....	D32/31
D356,407 S *	3/1995	Smith	.....	D32/31
D381,482 S *	7/1997	Medema et al.	.....	D32/31
D384,453 S *	9/1997	Bartz	.....	D32/31
D413,657 S *	9/1999	Lidgett	.....	D23/266
D413,968 S *	9/1999	Lester et al.	.....	D23/266
D419,653 S *	1/2000	Lidgett	.....	D23/266
D425,184 S *	5/2000	Lidgett	.....	D23/266
D443,344 S *	6/2001	Evans	.....	D23/266
D478,969 S *	8/2003	Mezzalira	.....	D23/266
D531,708 S *	11/2006	Wagner et al.	.....	D23/266
D532,947 S *	11/2006	Muscarella	.....	D32/31
7,159,270 B2 *	1/2007	Genoa et al.	.....	15/314
D605,737 S *	12/2009	von Glanstaetten et al.	D23/266
D611,576 S *	3/2010	Tokuno	D23/266
D613,378 S *	4/2010	Hinson	D23/266

(Continued)

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(74) *Attorney, Agent, or Firm* — NSIP Law

(57) **CLAIM**

The ornamental design for a hose for cleaner, as shown and described.

DESCRIPTION

FIG. 1 is a front perspective view of a hose for cleaner showing our new design;

FIG. 2 is a front view thereof;

FIG. 3 is a rear view thereof;

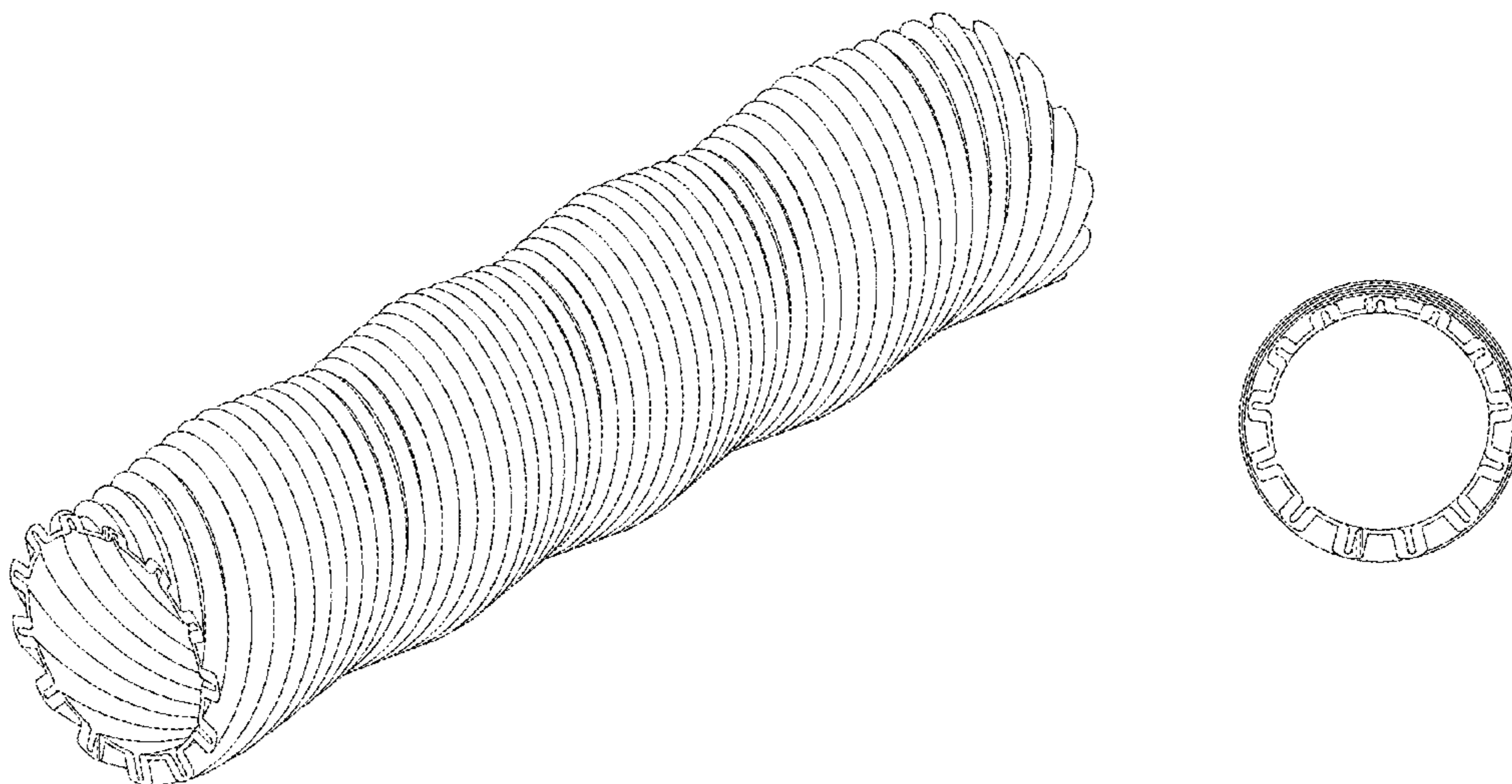
FIG. 4 is a left-side view thereof;

FIG. 5 is a right-side view thereof;

FIG. 6 is a top view thereof; and,

FIG. 7 is a bottom view thereof.

1 Claim, 7 Drawing Sheets



(56)

References Cited

U.S. PATENT DOCUMENTS

D642,245 S *	7/2011	Mezzalira et al.	D23/266	D724,187 S *	3/2015	Savage et al.	D23/266
D642,246 S *	7/2011	Mezzalira et al.	D23/266	D728,756 S *	5/2015	Savage et al.	D23/266
D671,196 S *	11/2012	Montalvo et al.	D23/266	D731,033 S *	6/2015	Kury	D23/266
D723,670 S *	3/2015	Lorraine	D23/266	2003/0221736 A1 *	12/2003	Laurent et al.	138/123
				2014/0102578 A1 *	4/2014	Bartel et al.	138/123

* cited by examiner

FIG. 1

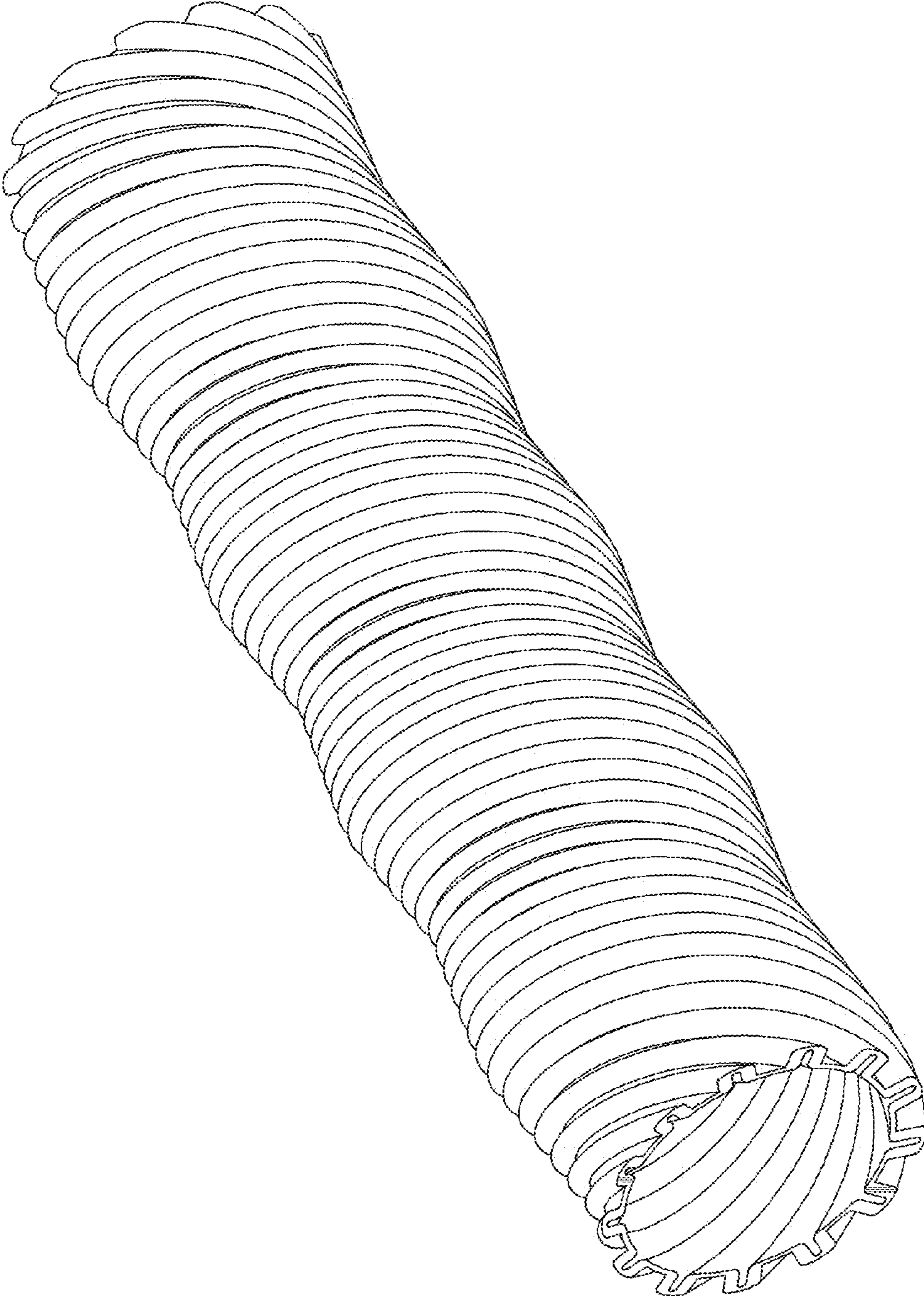


FIG. 2

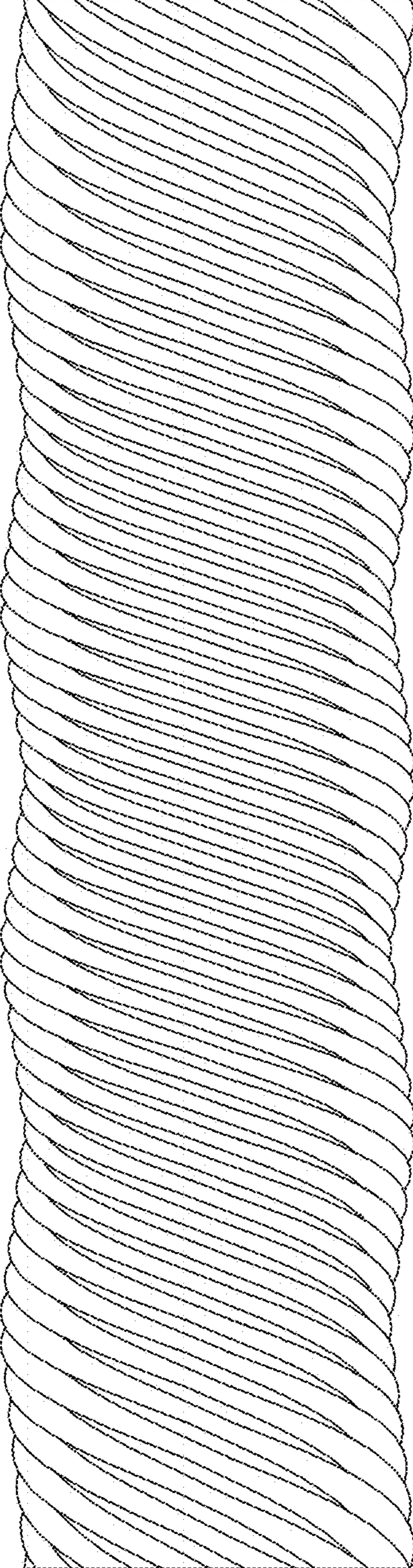


FIG. 3

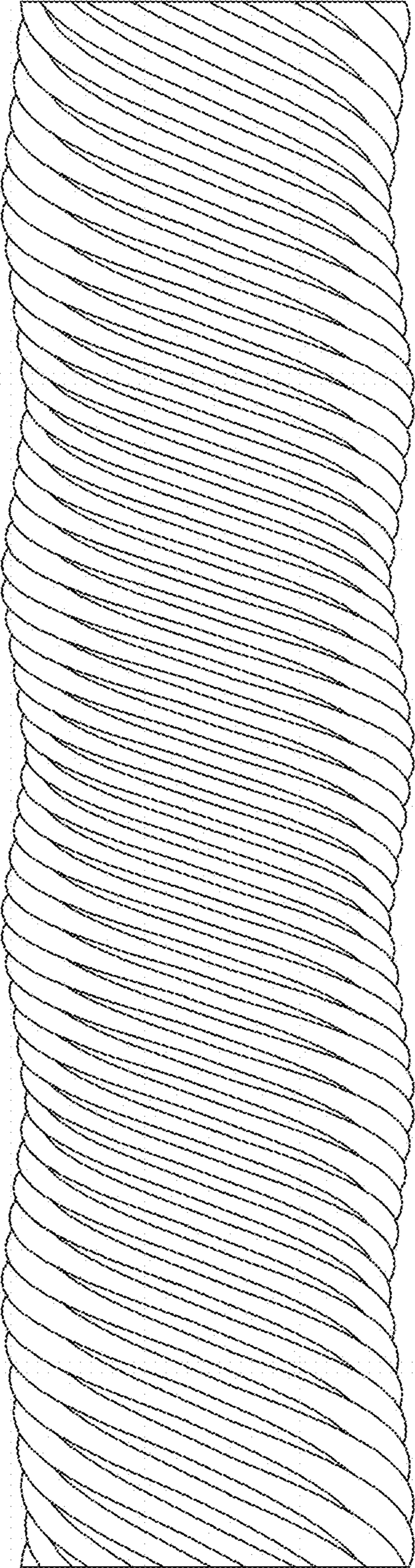


FIG. 4

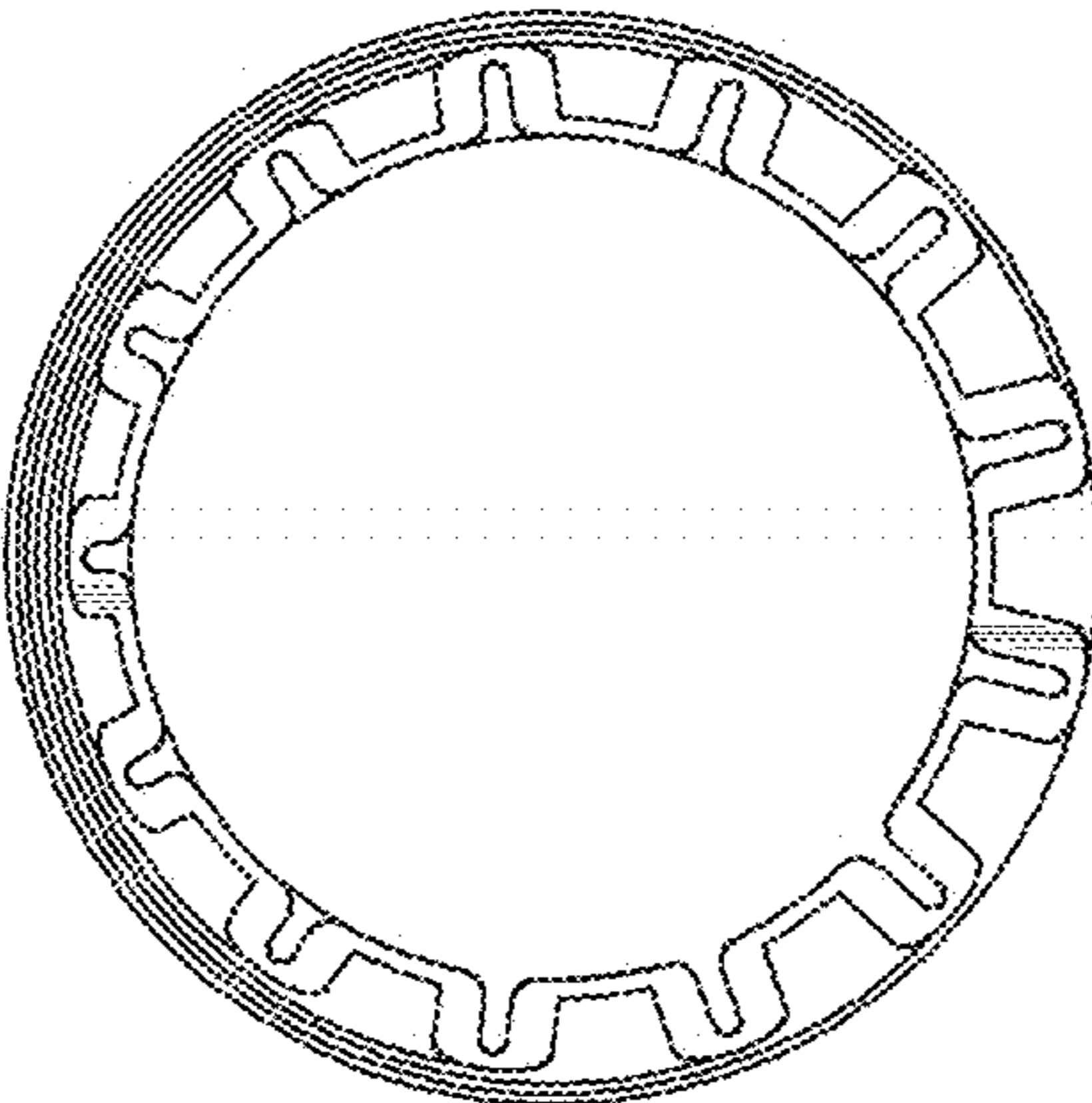


FIG. 5

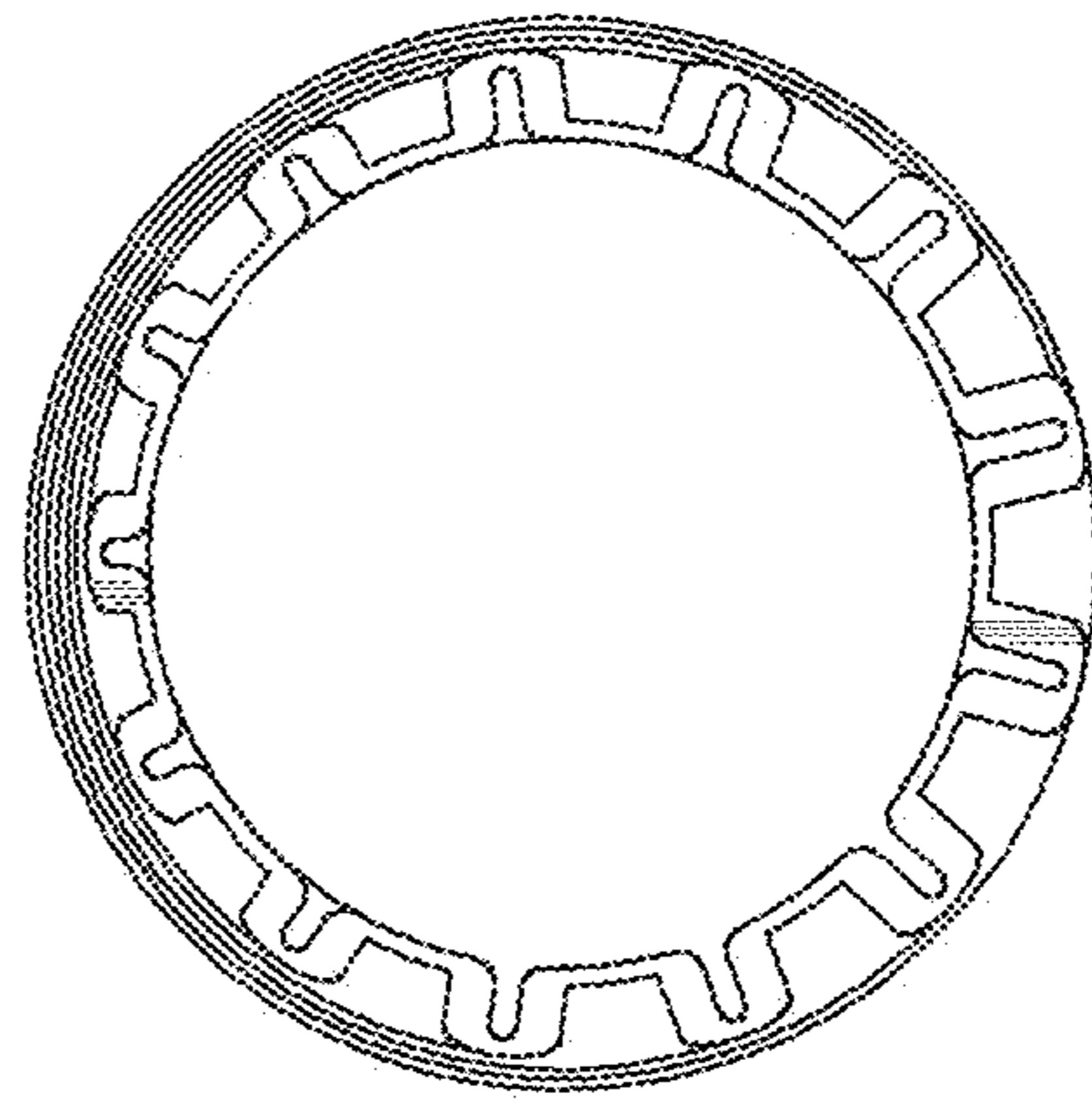


FIG. 6

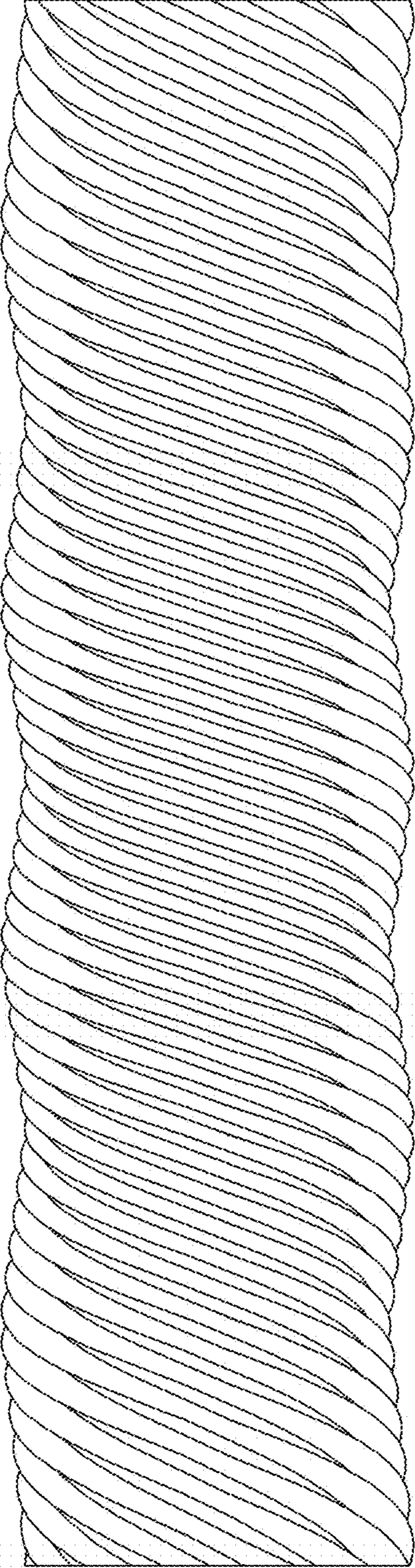


FIG. 7

