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United States Patent [19]

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Umeda et al.

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[54] STATOR OF VEHICLE ALTERNATOR

Primary Examiner—Joel Sincavage
Attorney, Agent, or Firm—Pillsbury Madison & Sutro LLP

[75] Inventors: Atsushi Umeda, Okazaki; Tsutomu Shiga, Nukata-gun; Shin Kusase, Obu, all of Japan

[57] CLAIM

The ornamental design for a stator for a vehicle alternator, as shown and described.

[73] Assignee: Denso Corporation, Kariya, Japan

[**] Term: 14 Years

DESCRIPTION

[21] Appl. No.: 29/087,103

FIG. 1 is a front view of a stator of a vehicle alternator according to a first embodiment;
FIG. 2 is a plan view thereof;
FIG. 3 is a rear view thereof;
FIG. 4 is a bottom view thereof;
FIG. 5 is a left side view thereof;
FIG. 6 is a right side view thereof;
FIG. 7 is a perspective view thereof;
FIG. 8 is a front view of a stator of a vehicle alternator according to a second embodiment;
FIG. 9 is a plan view of the stator according to the second embodiment;
FIG. 10 is a rear view of the stator according to the second embodiment;
FIG. 11 is a bottom view of the stator according to the second embodiment;
FIG. 12 is a left side view of the stator according to the second embodiment;
FIG. 13 is a right side view of the stator according to the second embodiment; and,
FIG. 14 is a perspective view of the stator according to the second embodiment.
The broken line showing is included for the purpose of illustrating the stator and forms no part of the claimed design.

[22] Filed: Apr. 28, 1998

[30] Foreign Application Priority Data

Oct. 29, 1997 [JP] Japan 9-73327
Oct. 29, 1997 [JP] Japan 9-73328

[51] LOC (7) Cl. 13-01

[52] U.S. Cl. D13/122

[58] Field of Search D13/122; 310/683, 310/263, 156

[56] References Cited

U.S. PATENT DOCUMENTS

4,710,657	12/1987	Ocken et al.	310/62
4,741,098	5/1988	Barrera	29/736
4,890,050	12/1989	Mackevich	310/68 C X
5,327,037	7/1994	Rasmussen	310/232
5,429,687	7/1995	Goffart	148/120
5,504,382	4/1996	Douglass et al.	310/156
5,640,062	6/1997	Yockey	310/68 B X
5,729,886	3/1998	Olson et al.	29/598

FOREIGN PATENT DOCUMENTS

92/06527 4/1992 WIPO .

1 Claim, 8 Drawing Sheets

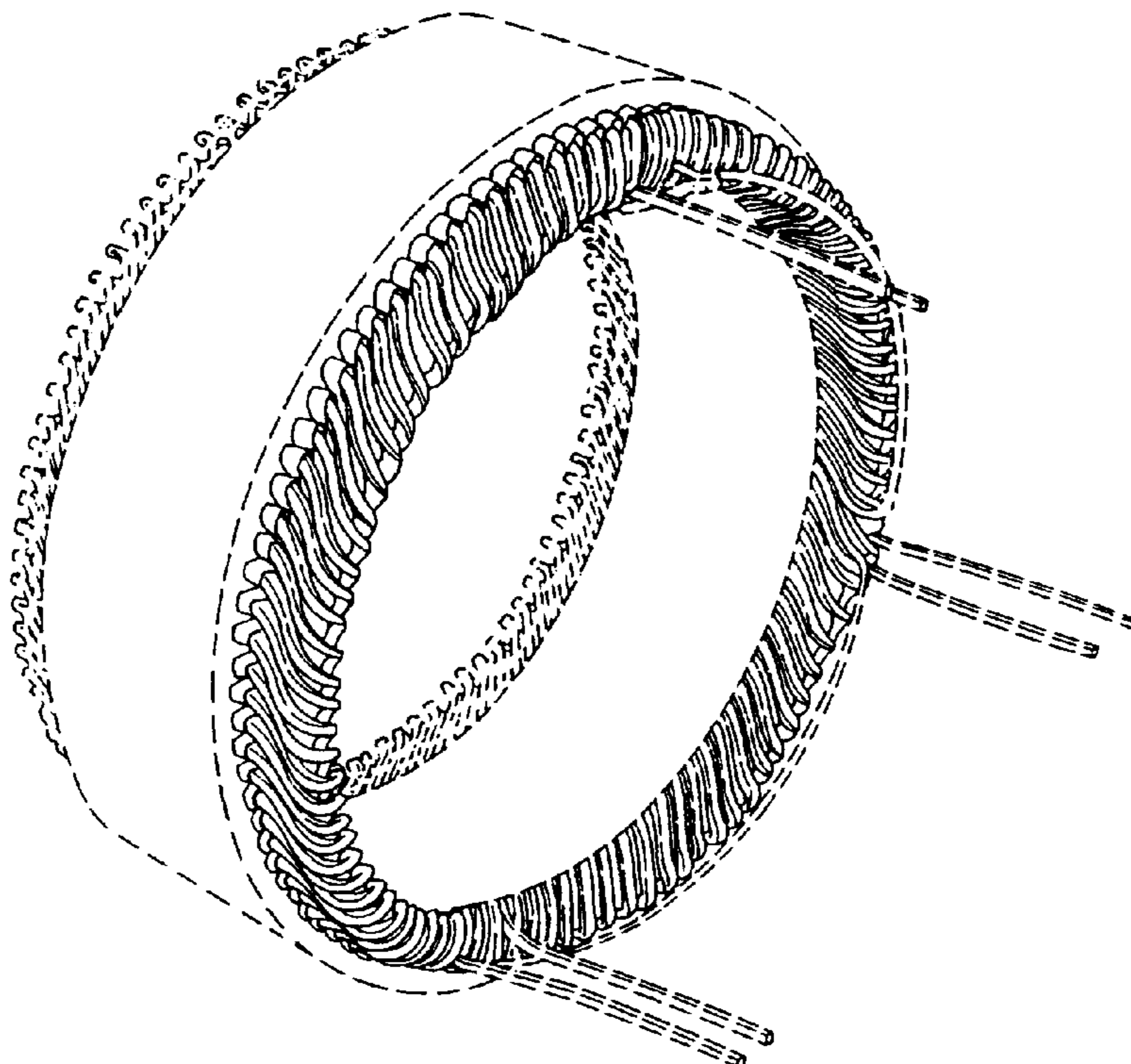


FIG. 1

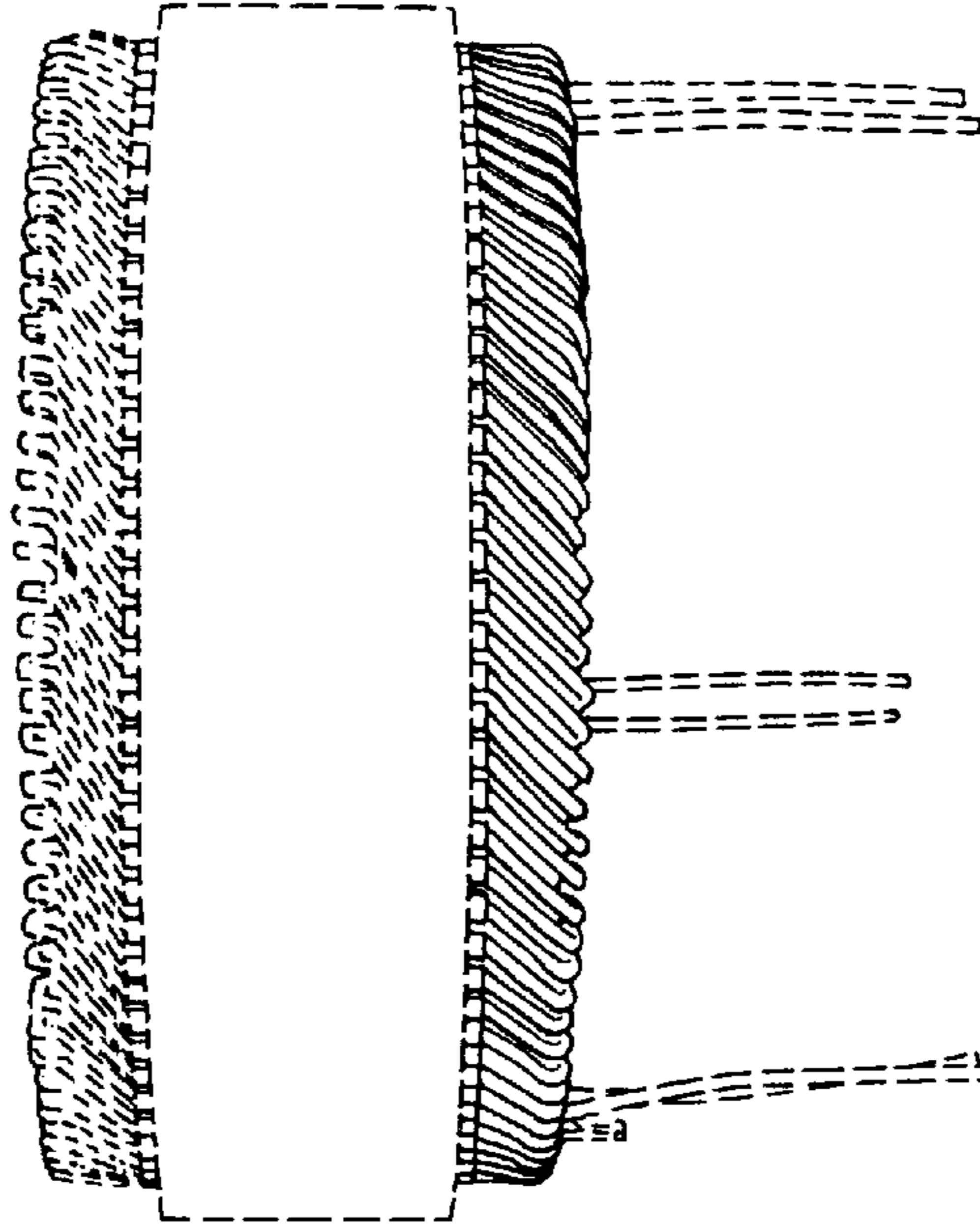


FIG. 2

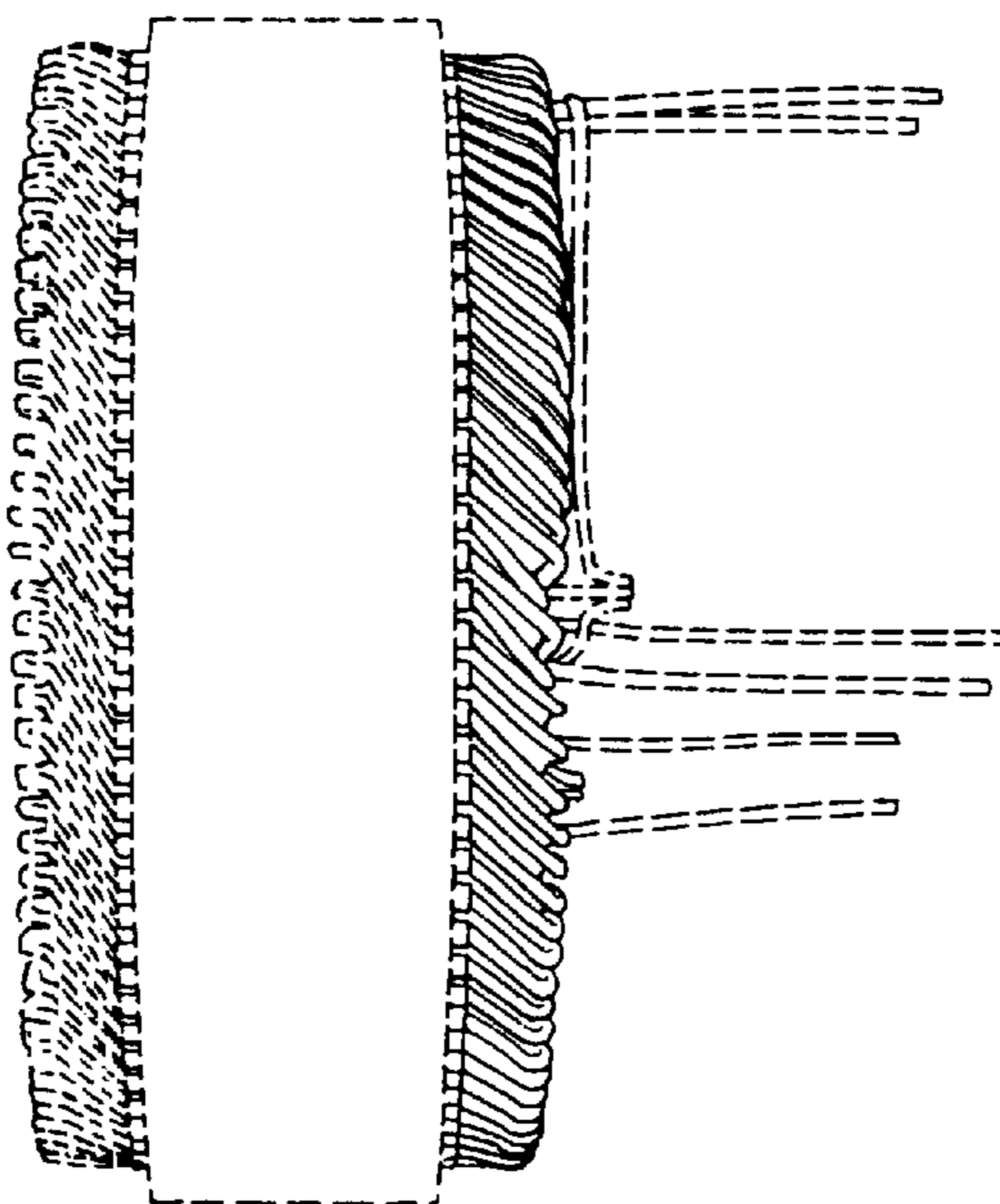


FIG. 3

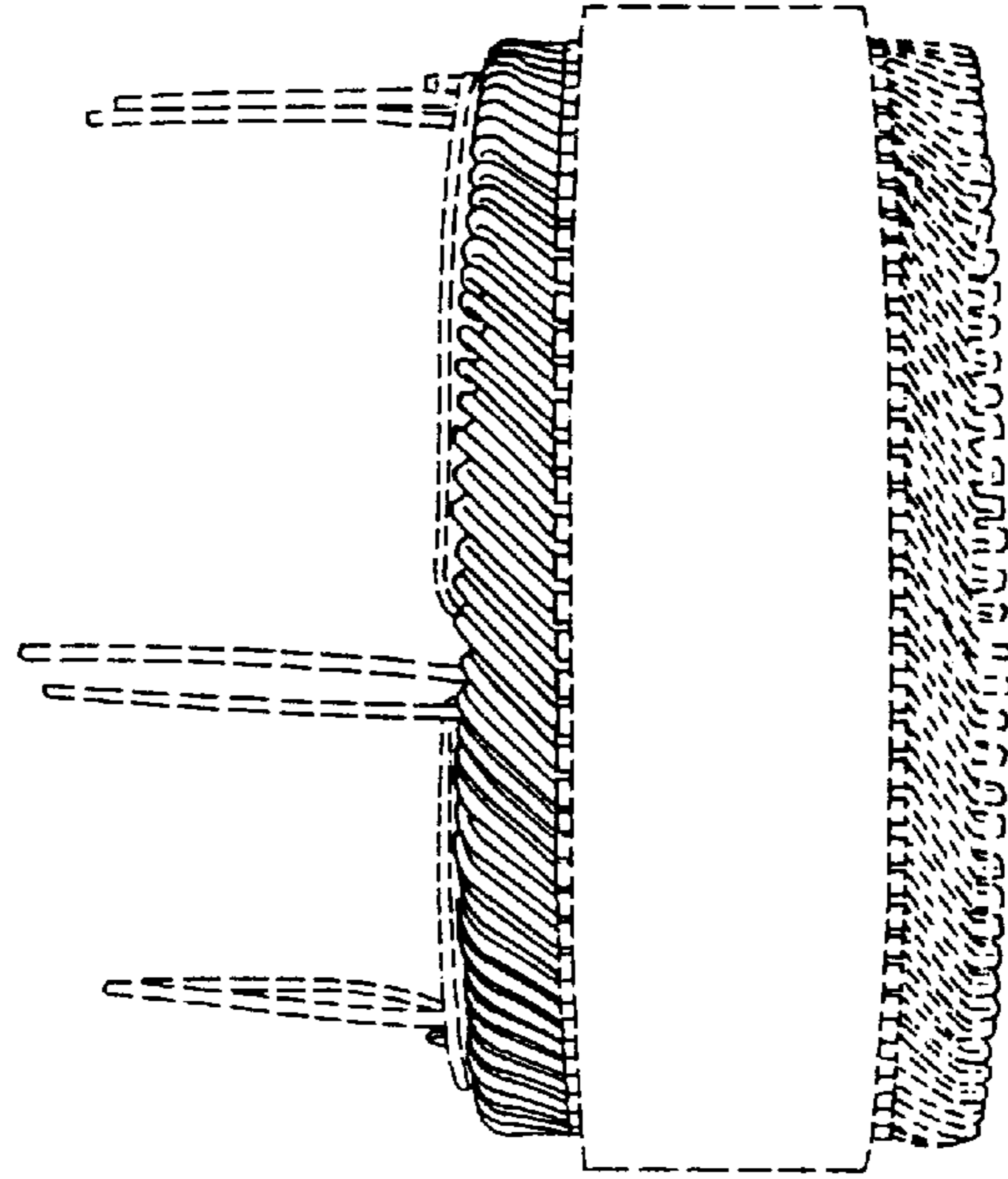


FIG. 4

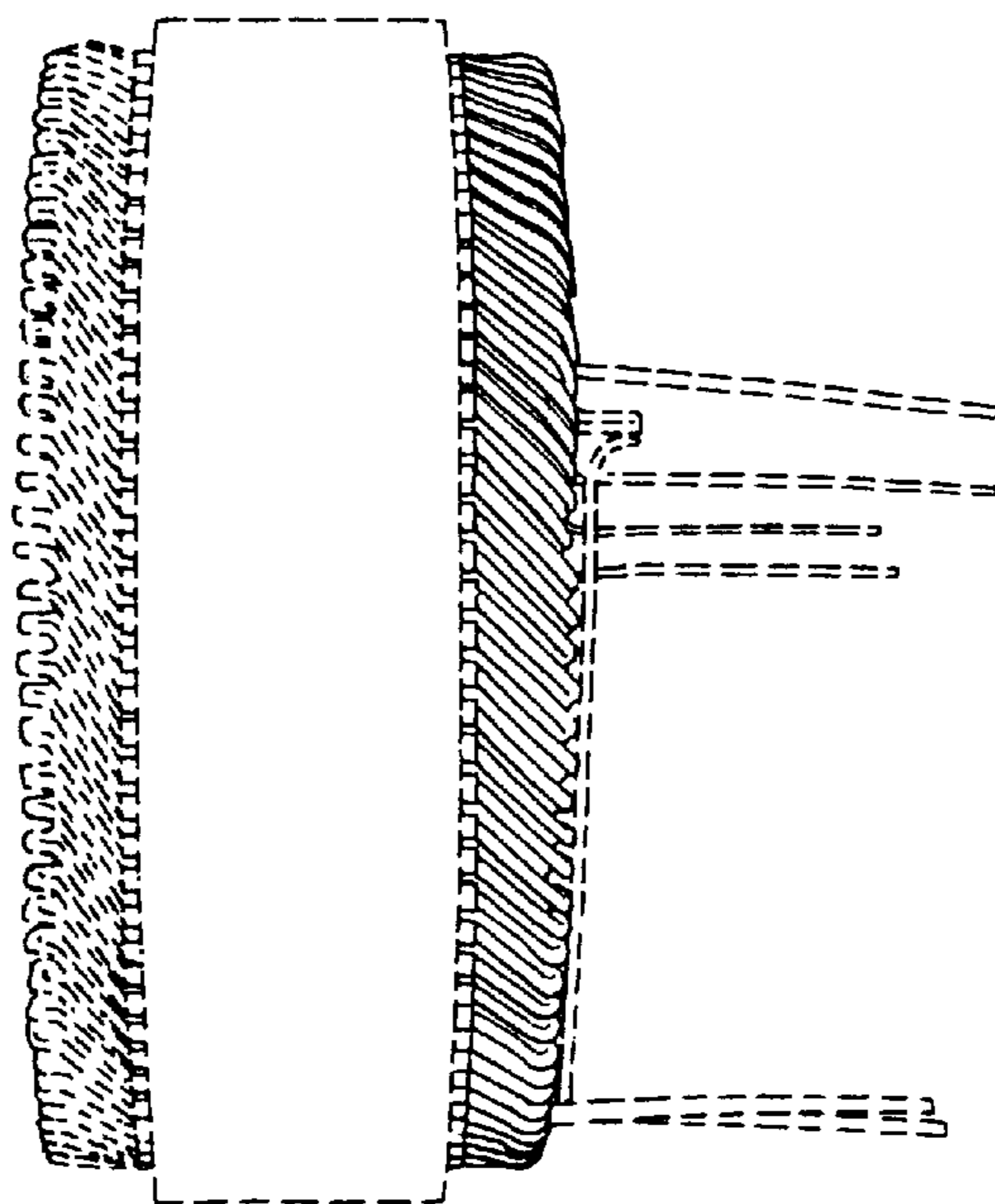


FIG. 5

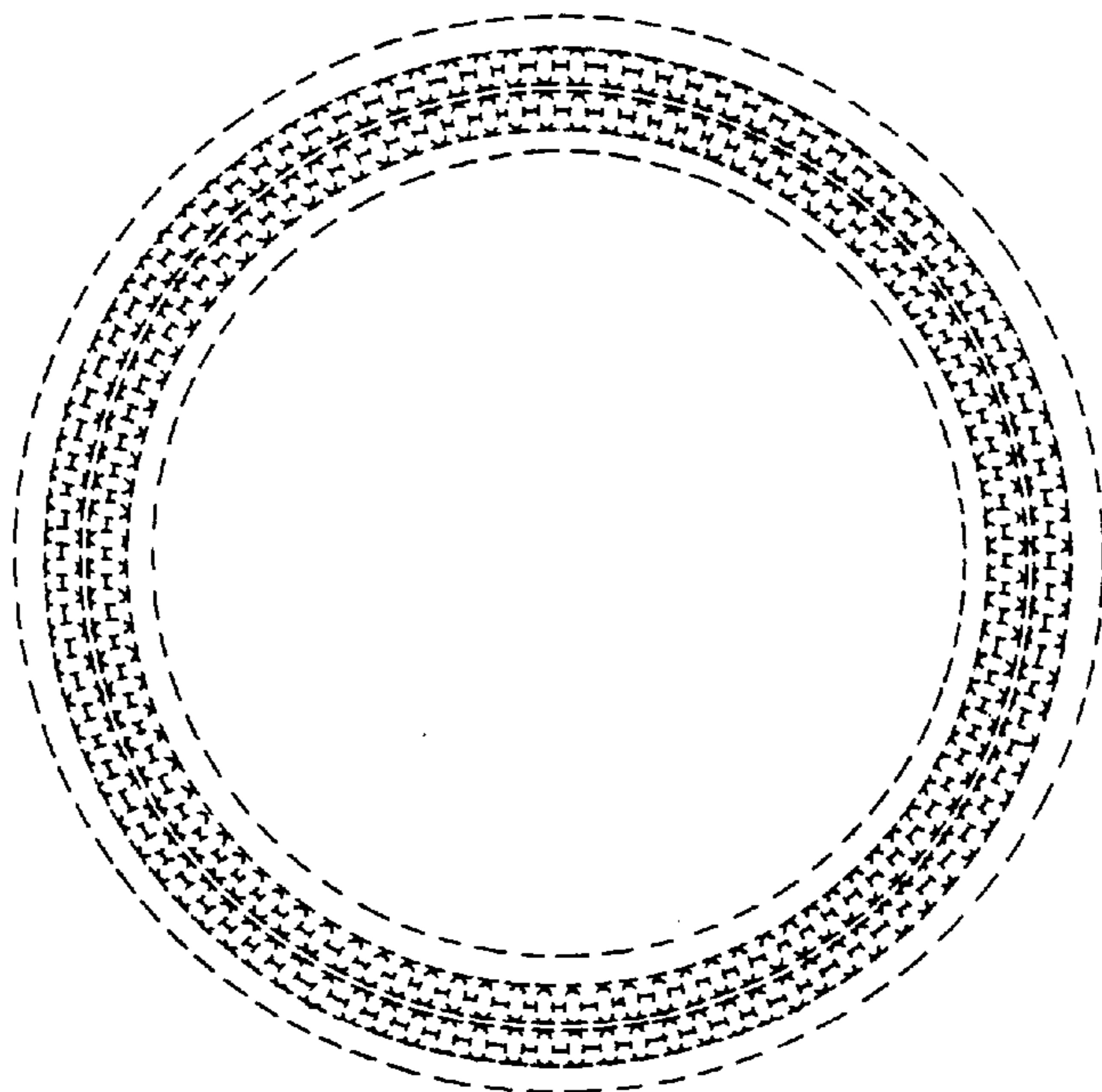


FIG. 6

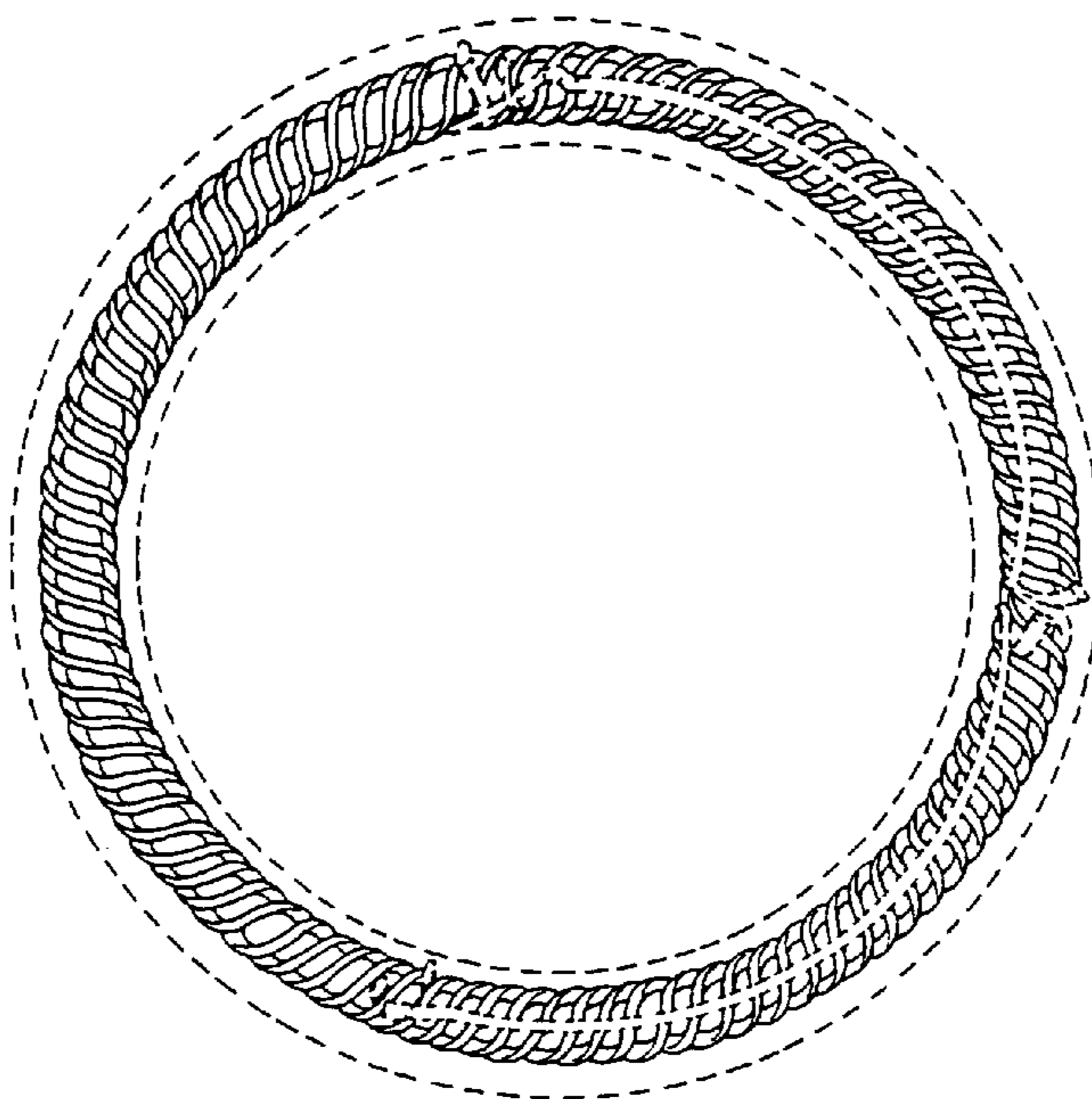


FIG. 7

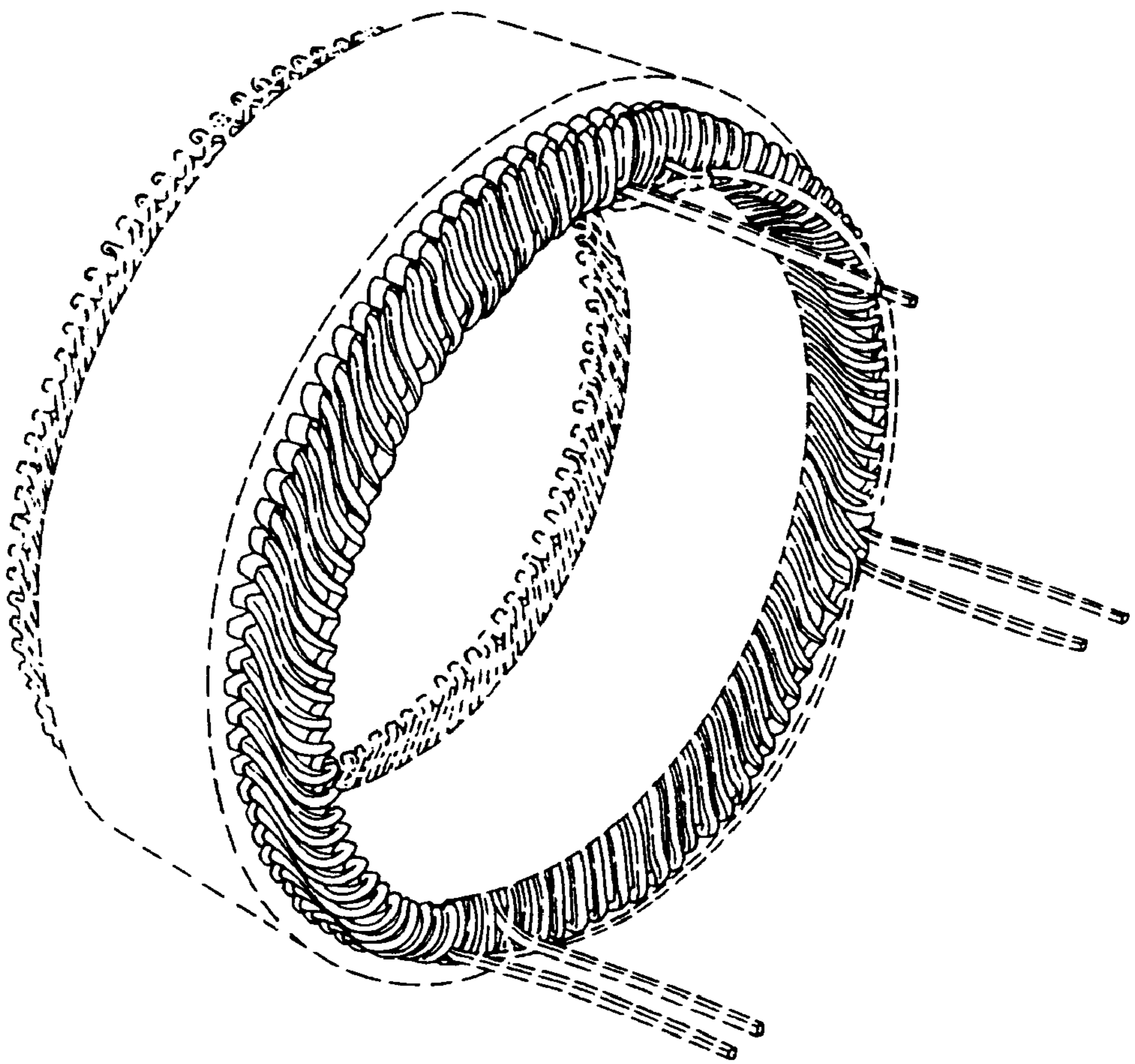


FIG. 8

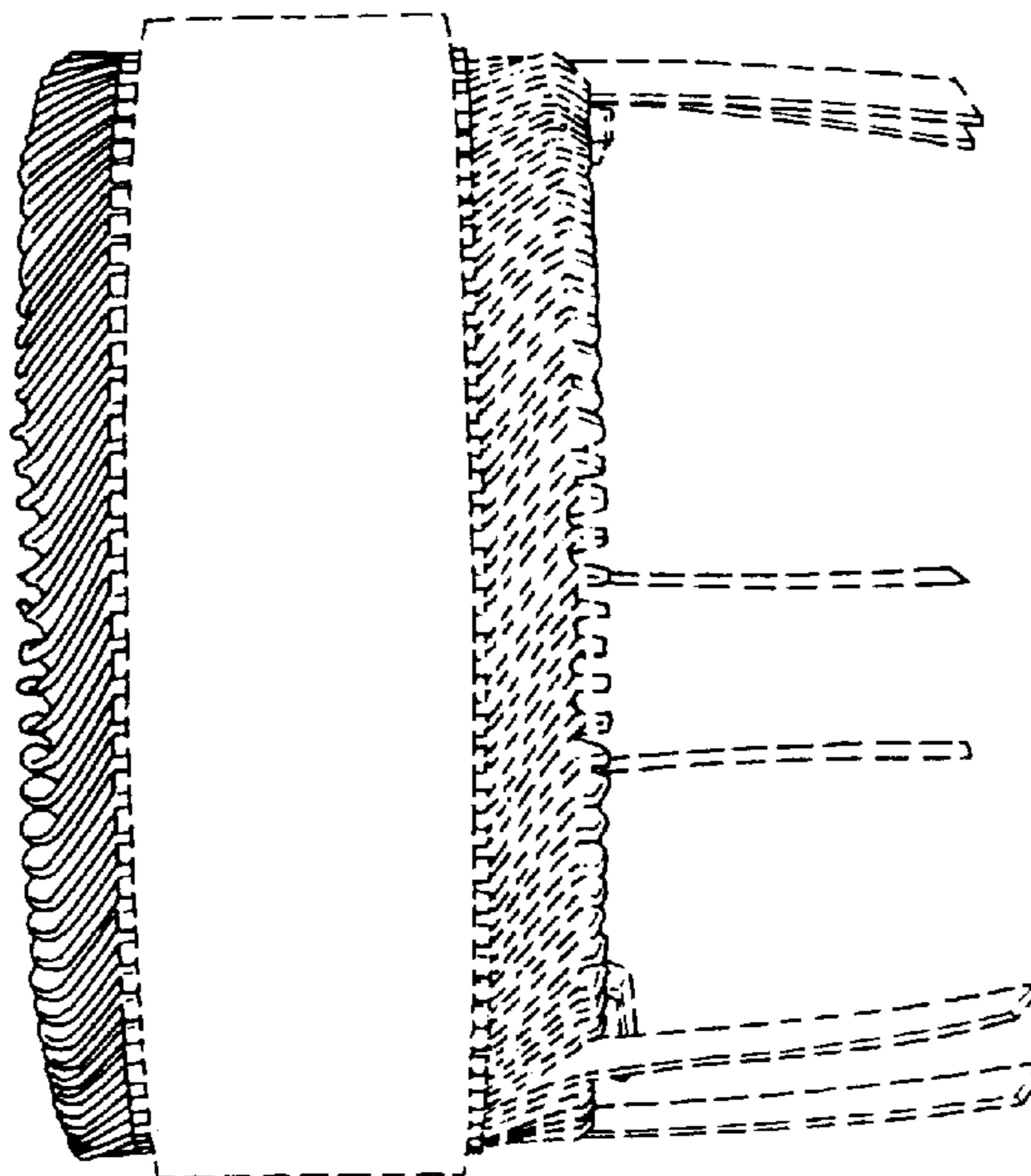


FIG. 9

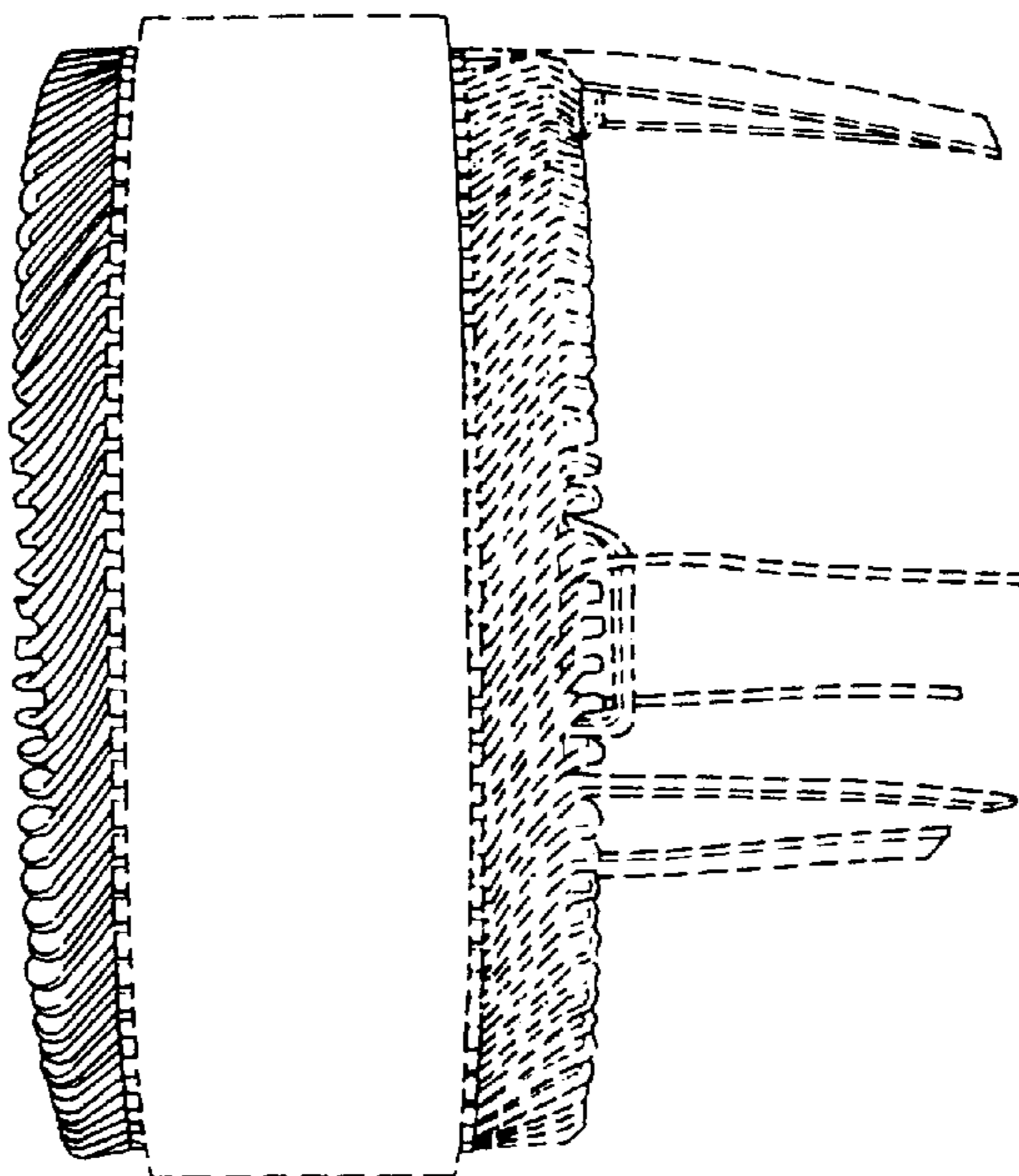


FIG. 10

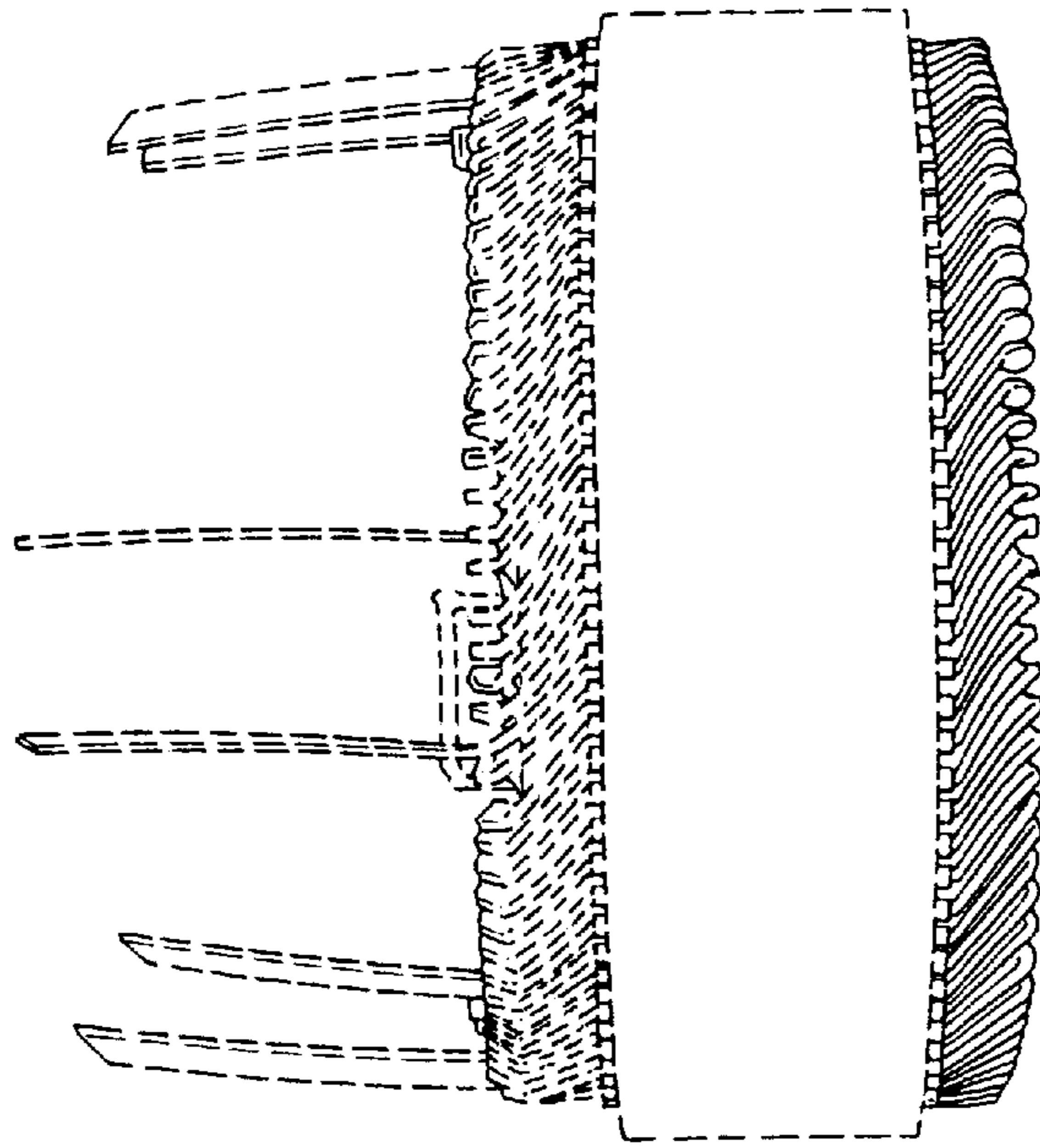


FIG. 11

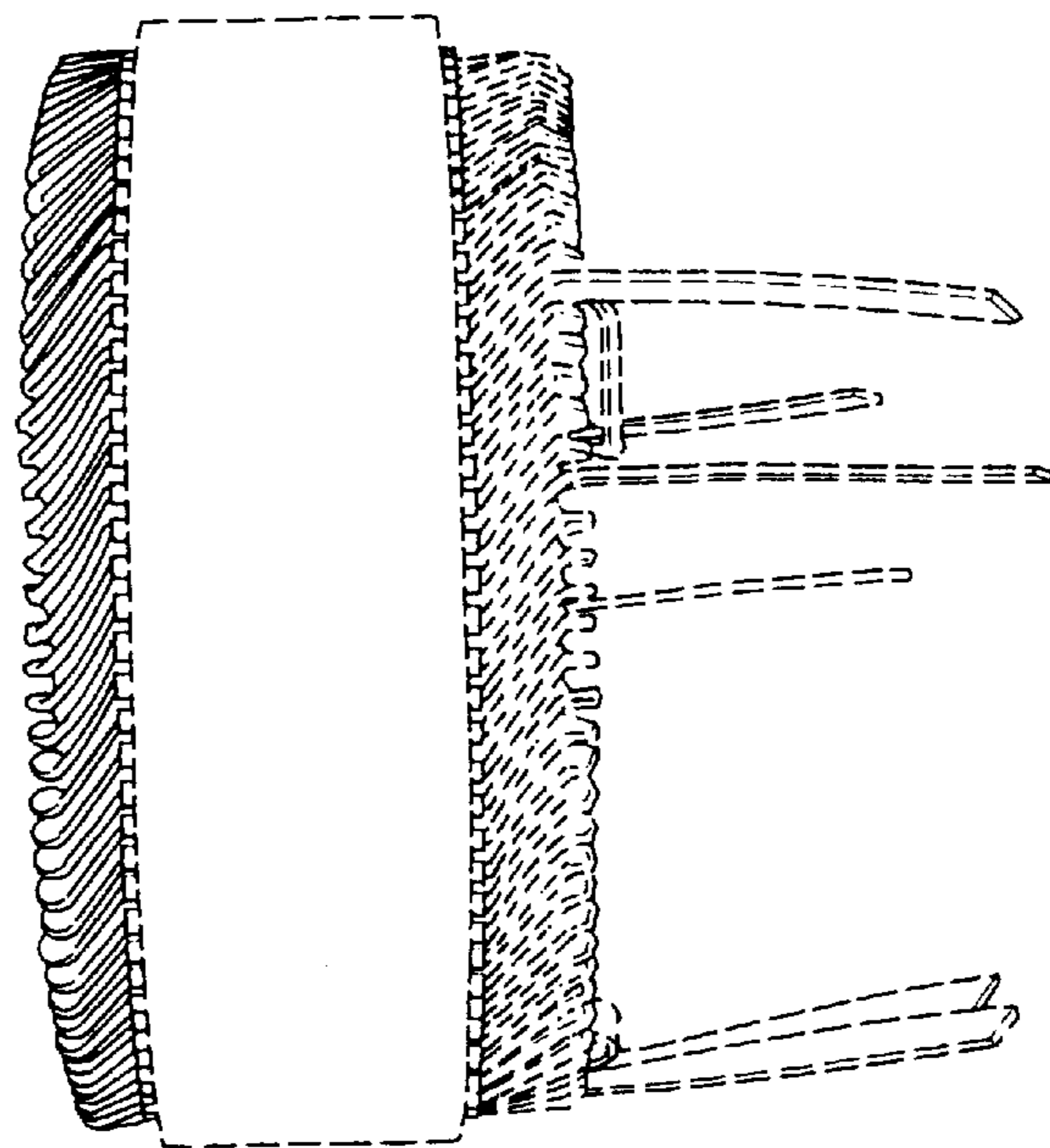


FIG. 12

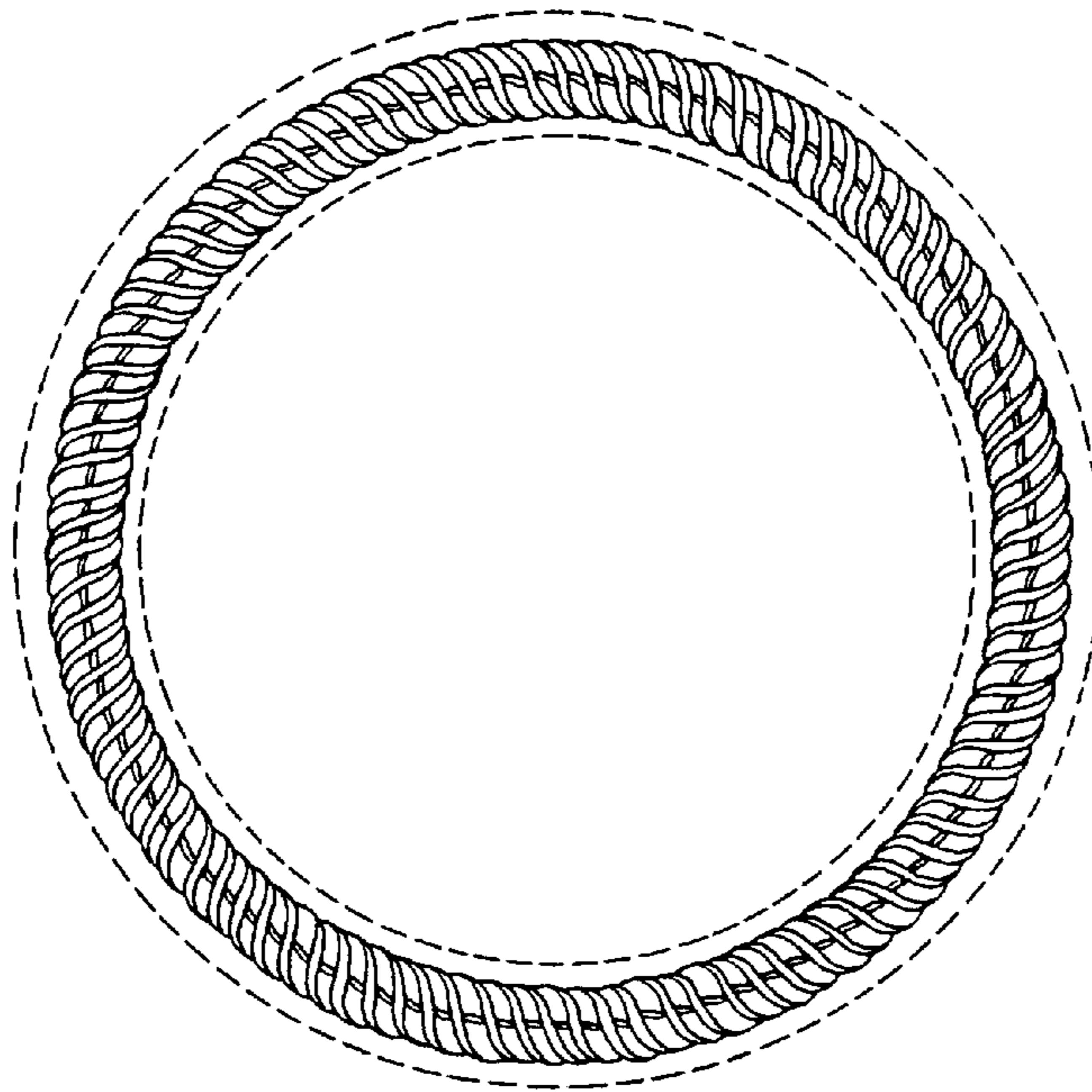


FIG. 13

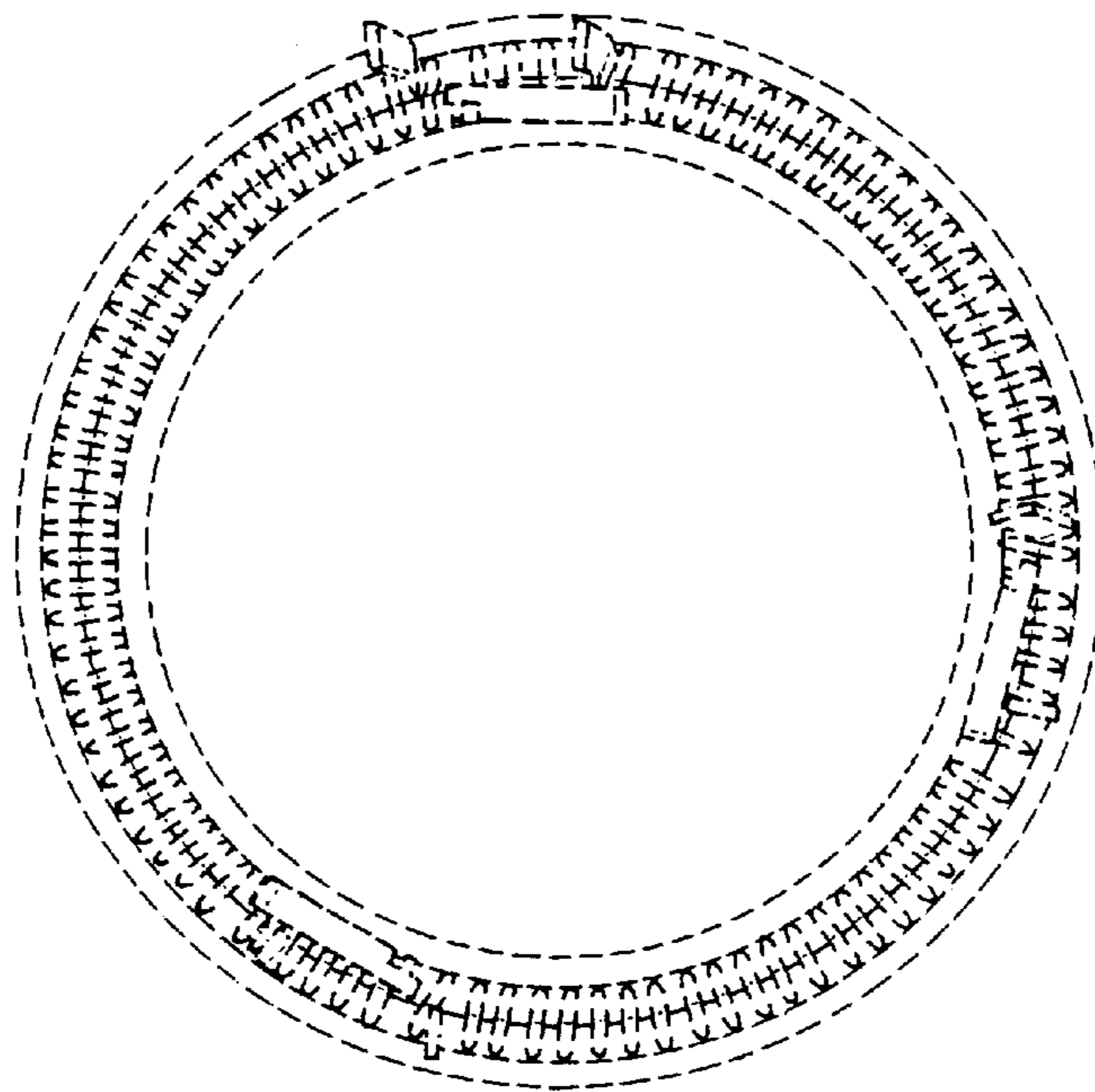


FIG. 14

