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(12) **United States Design Patent** (10) **Patent No.:** **US D905,126 S**  
**Neel et al.** (45) **Date of Patent:** **\*\* Dec. 15, 2020**

(54) **CENTRALIZER**

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

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(58) **Field of Classification Search**  
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CPC . E21B 17/028; E21B 17/1078; E21B 17/1064  
See application file for complete search history.

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(57) **CLAIM**

The ornamental design for a centralizer, as shown and described.

**DESCRIPTION**

FIG. 1 is a side view of a centralizer, according to a first embodiment. The centralizer is positioned on a tubular and stop collars are disposed on the tubular on either axial end of the centralizer.

FIG. 2 is an end view of the centralizer, according to the first embodiment, positioned on the tubular.

FIG. 3 is a side view of a centralizer, according to a second embodiment. The centralizer is positioned on a tubular and stop collars are disposed on the tubular on either axial end of the centralizer.

FIG. 4 is an end view of the centralizer, according to the second embodiment, positioned on the tubular.

FIG. 5 is a side view of a centralizer, according to a third embodiment. The centralizer is positioned on a tubular and stop collars are disposed on the tubular in windows through either end collar of the centralizer.

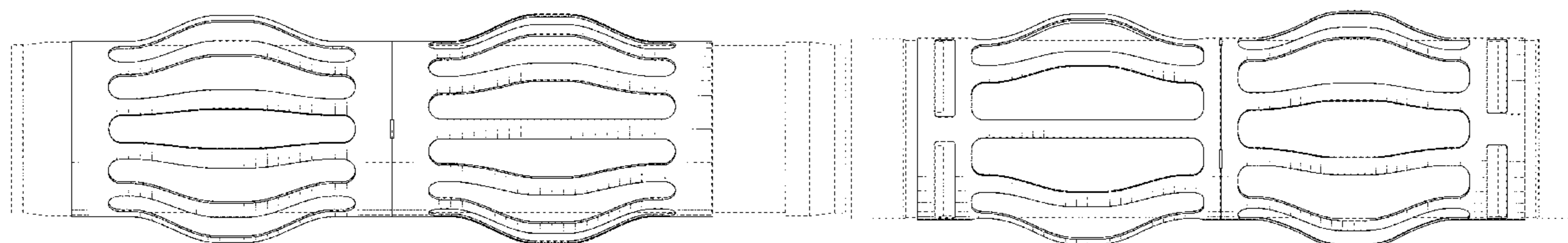
FIG. 6 is an end view of the centralizer, according to the third embodiment, positioned on the tubular.

FIG. 7 is a side view of a centralizer, according to a fourth embodiment. The centralizer is positioned on a tubular and stop collars are disposed on the tubular in windows through either end collar of the centralizer; and,

FIG. 8 is an end view of the centralizer, according to the fourth embodiment, positioned on the tubular.

The broken lines in the drawings depict unclaimed portion of the centralizer only and form no part of the claimed design.

**1 Claim, 4 Drawing Sheets**



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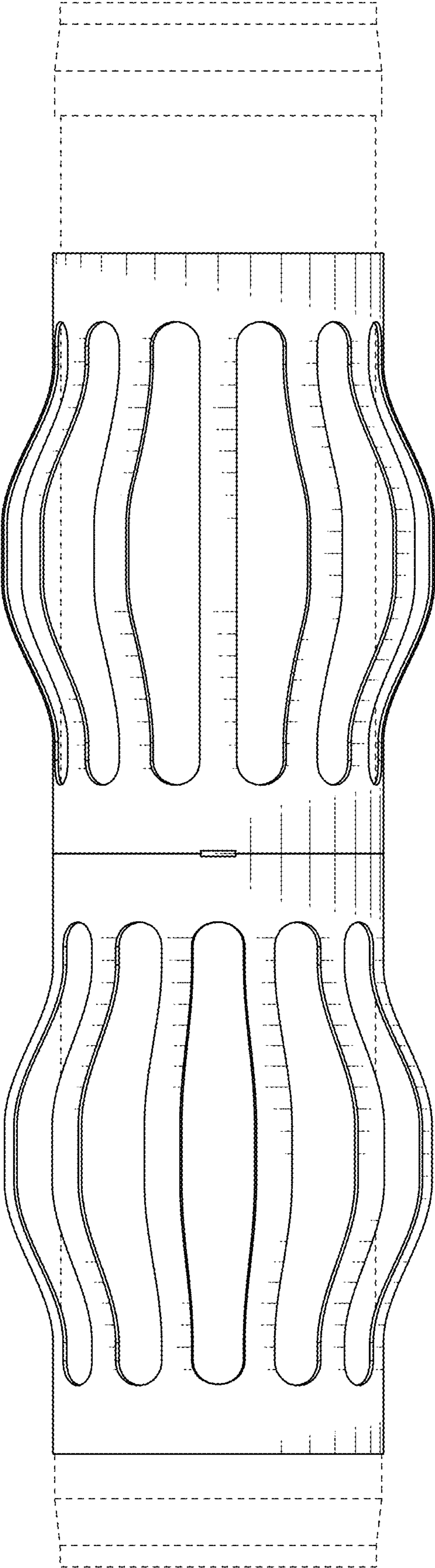


FIG. 1

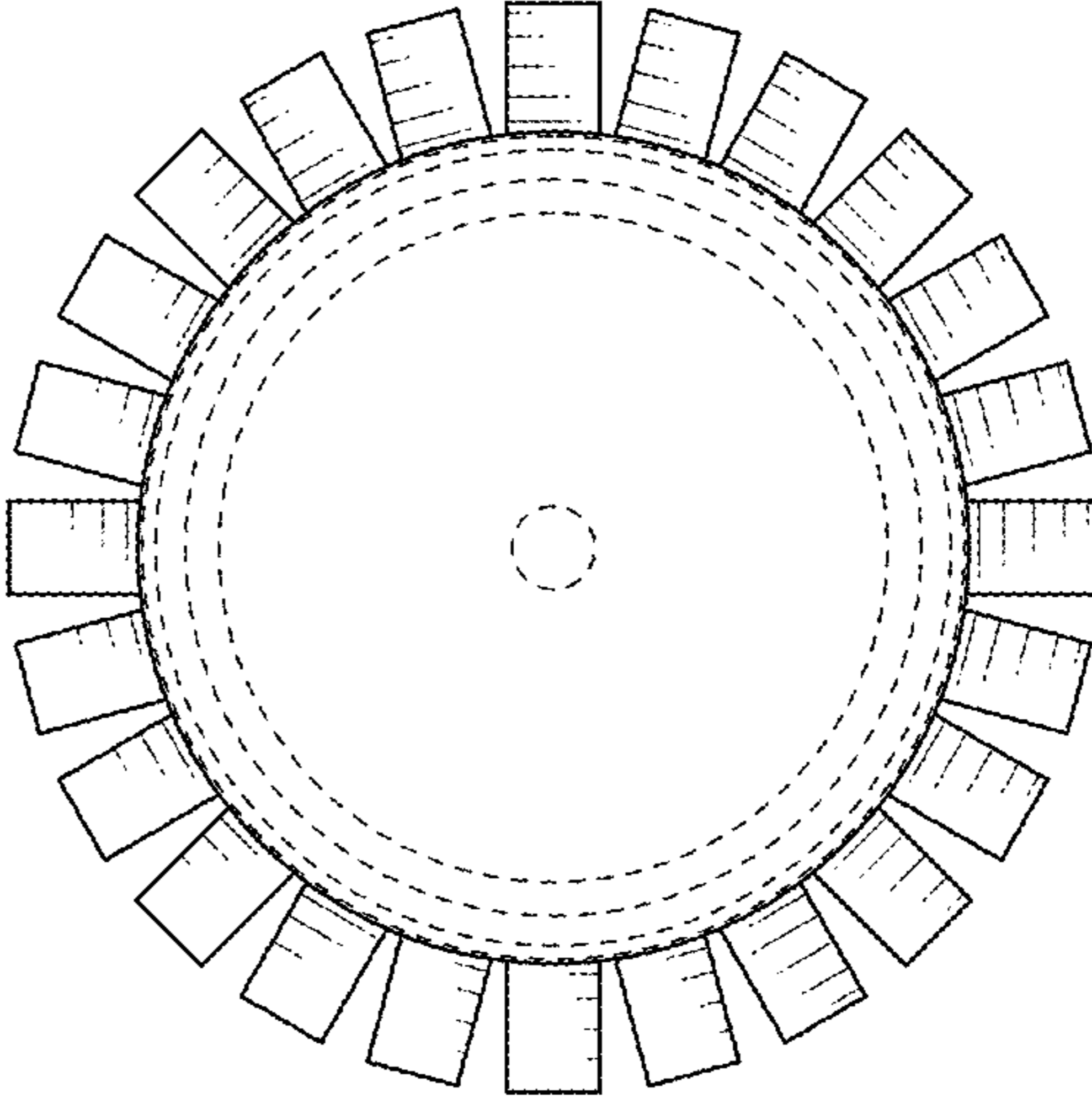


FIG. 2



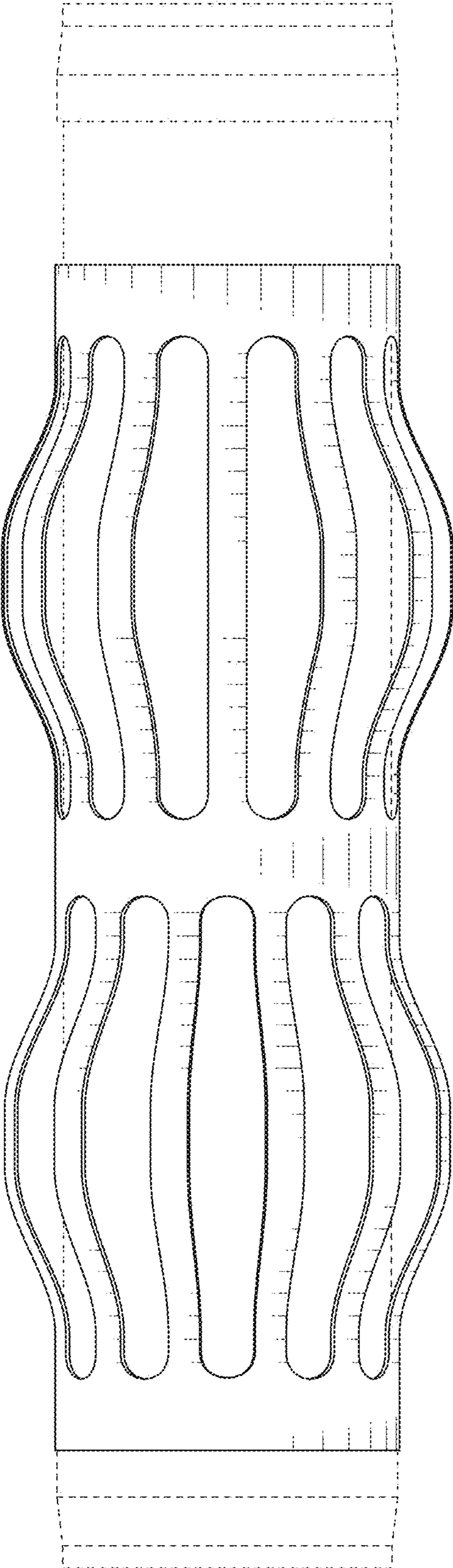


FIG. 3

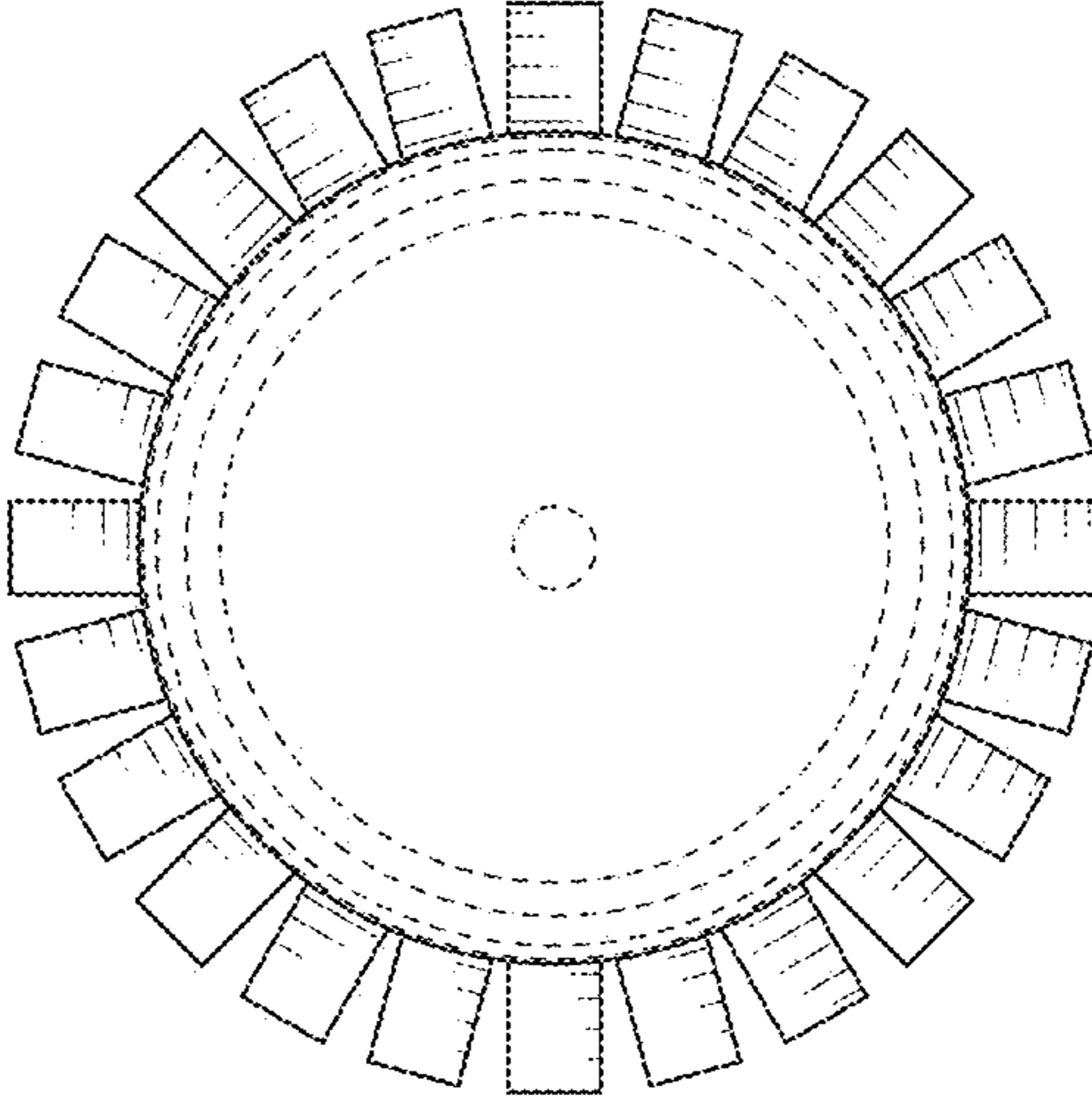


FIG. 4

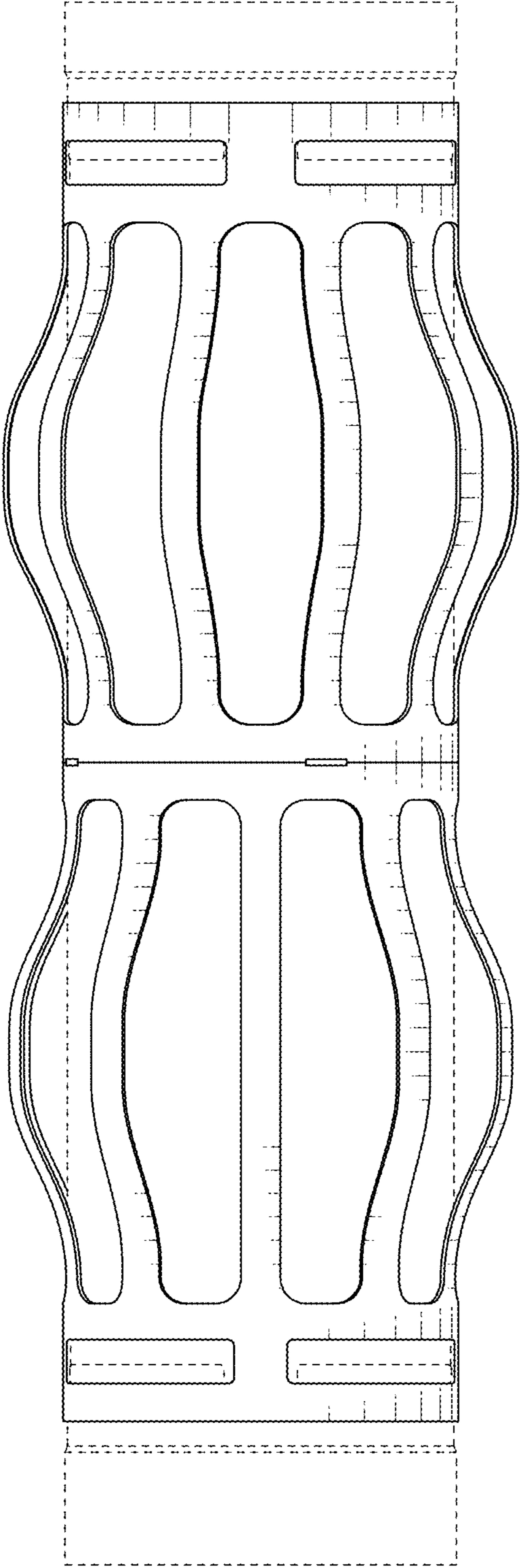


FIG. 5

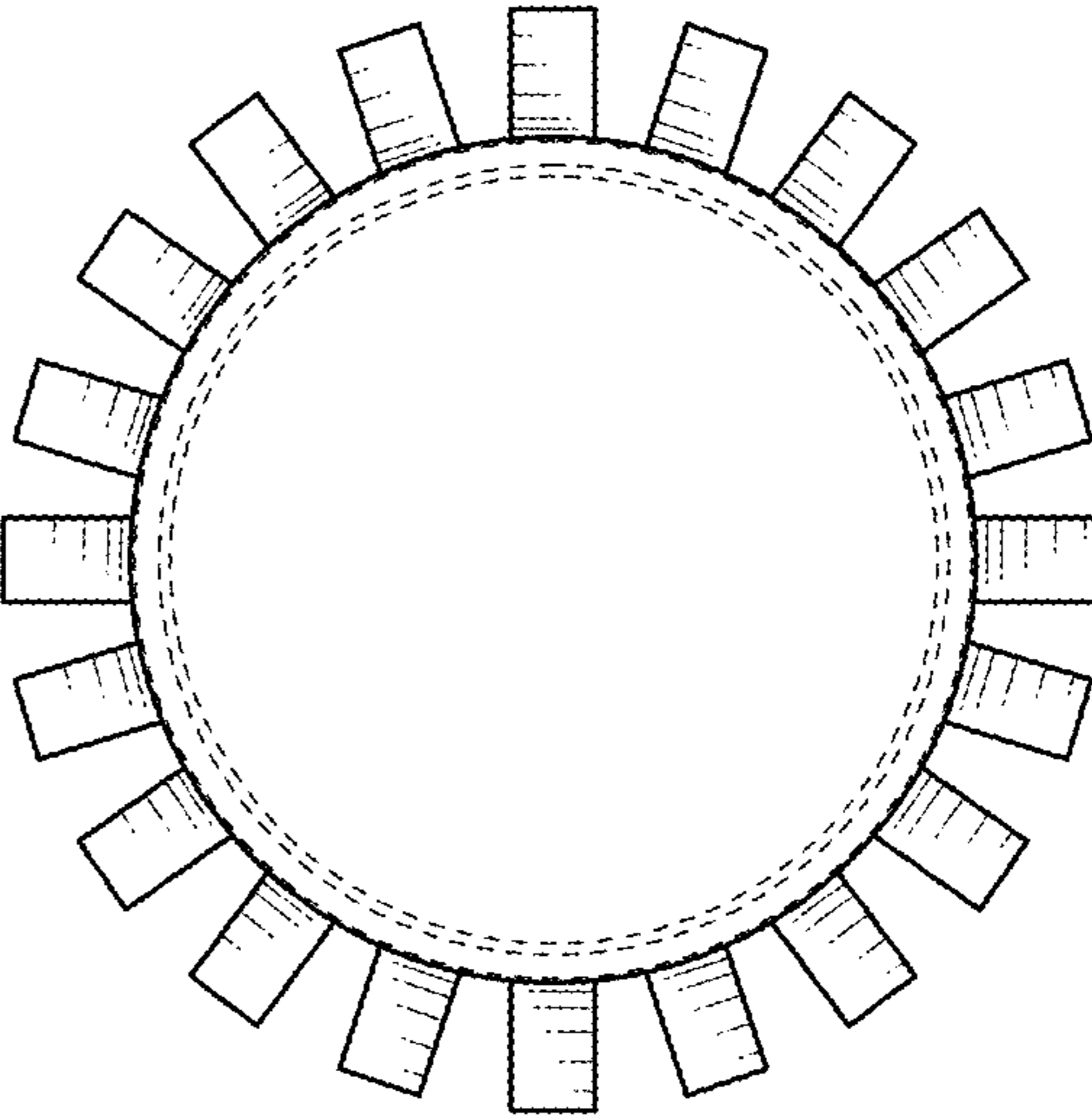


FIG. 6

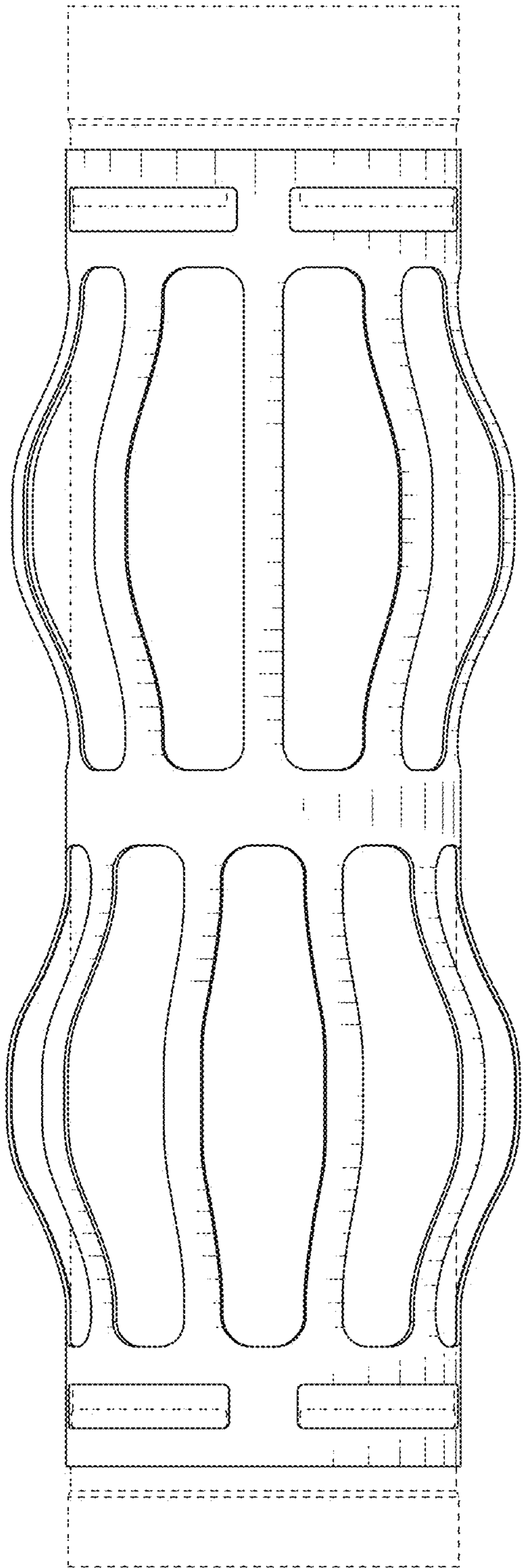


FIG. 7

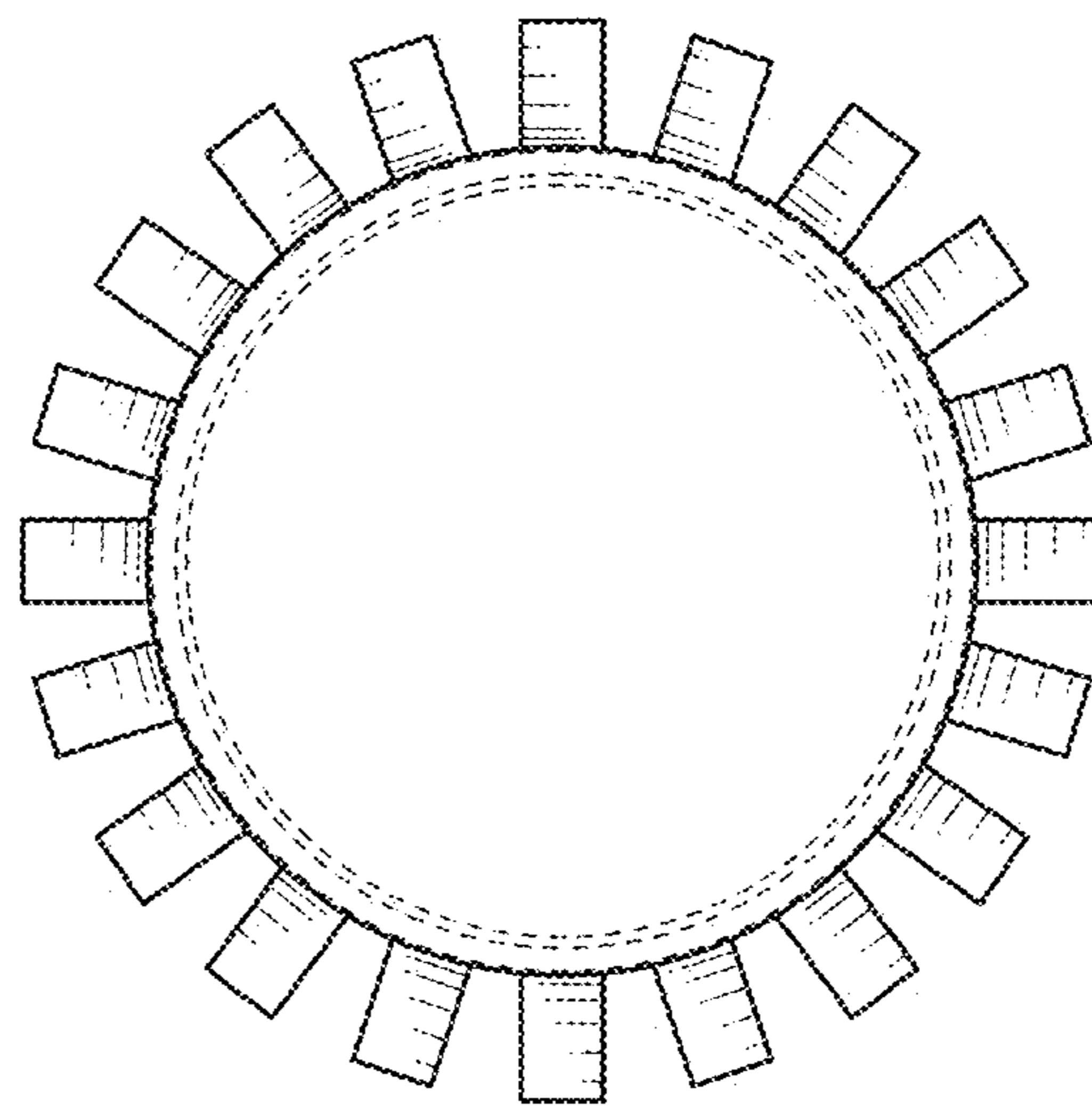


FIG. 8