



US00D883485S

(12) **United States Design Patent** (10) **Patent No.:** **US D883,485 S**
Carpenter et al. (45) **Date of Patent:** **** May 5, 2020**

- (54) **BELOW THE KNEE STENT DEVICE**
- (71) Applicant: **Vactronix Scientific, LLC**, Fremont, CA (US)
- (72) Inventors: **Scott P. Carpenter**, Fremont, CA (US);
Christian G. Palmaz, Fremont, CA (US)
- (73) Assignee: **Vactronix Scientific, LLC**
- (**) Term: **15 Years**
- (21) Appl. No.: **29/687,850**
- (22) Filed: **Apr. 16, 2019**

Related U.S. Application Data

- (63) Continuation of application No. 16/287,519, filed on Feb. 27, 2019.
- (51) **LOC (12) Cl.** **24-03**
- (52) **U.S. Cl.**
USPC **D24/155**
- (58) **Field of Classification Search**
USPC D24/155-157
CPC A61F 2/07; A61F 2/90; A61F 2/958; A61F 2002/016; A61F 2002/072; A61F 2002/075; A61F 2002/91541; A61F 2220/0075; A61F 2230/0069
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

7,744,644	B2	6/2010	Weber et al.	623/1.42
D665,079	S *	8/2012	Zago	D24/155
D665,080	S *	8/2012	Zago	D24/155
8,353,949	B2	1/2013	Weber et al.	623/1.15
D723,165	S *	2/2015	Chanduszko	D24/155
D723,166	S *	2/2015	Igaki	D24/155
9,138,512	B2	9/2015	Ferrari et al.	A61L 31/14

D740,427	S *	10/2015	McDonnell	D24/171
2003/0055485	A1 *	3/2003	Lee	A61F 2/91 623/1.15
2011/0106239	A1 *	5/2011	Goto	A61F 2/91 623/1.16

OTHER PUBLICATIONS

Feiring, AJ, "Below-the-Knee Drug-Eluting Stents," Endovascular Today, pp. 65-72 (Aug. 2011).
U.S. Department of Health and Human Services Food and Drug Administration, "Non-Clinical Engineering Tests and Recommended Labeling for Intravascular Stents and Associated Delivery Systems," Guidance for Industry and FDA Staff, pp. 1-55 (Apr. 18, 2010).

(Continued)

Primary Examiner — Charles D Hanson

(74) *Attorney, Agent, or Firm* — David G. Rosenbaum; Benjamin D. Rotman; Rosenbaum IP, P.C.

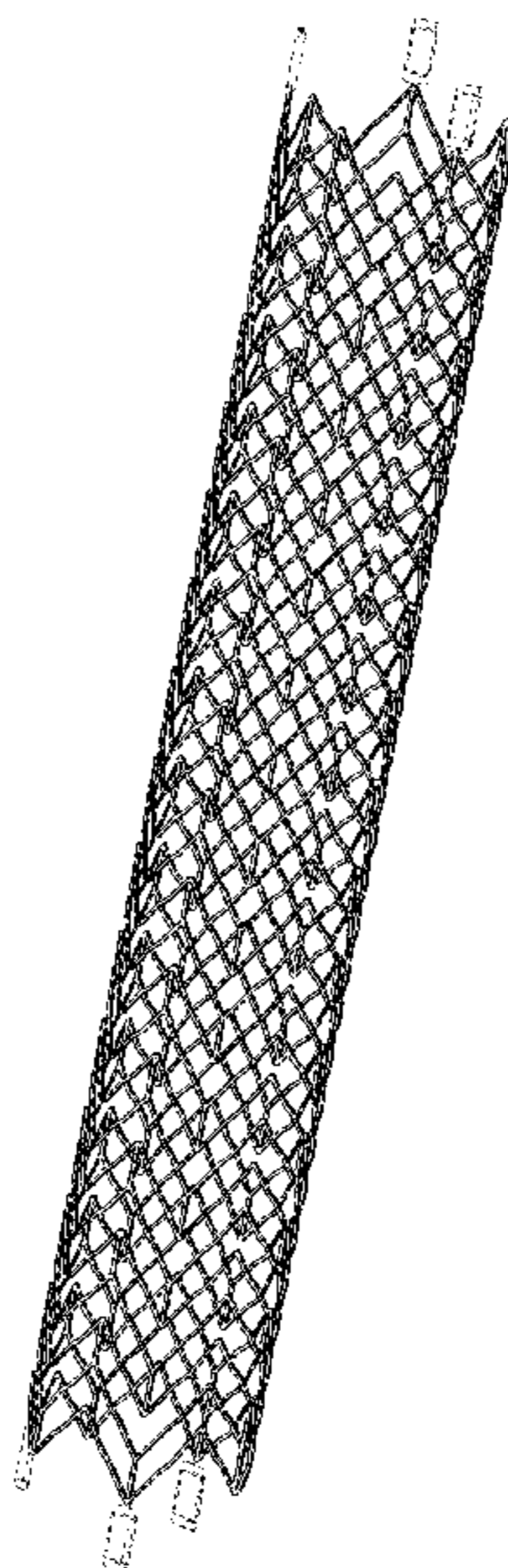
(57) **CLAIM**

The ornamental design for a below the knee stent device, as shown and described.

DESCRIPTION

FIG. 1 is a top perspective view of a below the knee stent device in accordance with the invention;
FIG. 2 is a left elevation view of FIG. 1;
FIG. 3 is a right elevation view of FIG. 1;
FIG. 4 is a front elevation view of FIG. 1;
FIG. 5 is a back elevation view of FIG. 1;
FIG. 6 is a top plan view of FIG. 1;
FIG. 7 is a bottom plan view of FIG. 1; and,
FIG. 8 is an expanded side elevation view of a flattened section of the below the knee stent device of FIG. 1.
The portions depicted in broken line form are not considered part of the claimed design.

1 Claim, 4 Drawing Sheets



(56)

References Cited

OTHER PUBLICATIONS

U.S. Department of Health and Human Services Food and Drug Administration, "Select Updates for Non-Clinical Engineering Tests and Recommended Labeling for Intravascular Stents and Associated Delivery Systems," Guidance for Industry and Food and Drug Administration Staff, pp. 1-10 (Aug. 18, 2015).

* cited by examiner

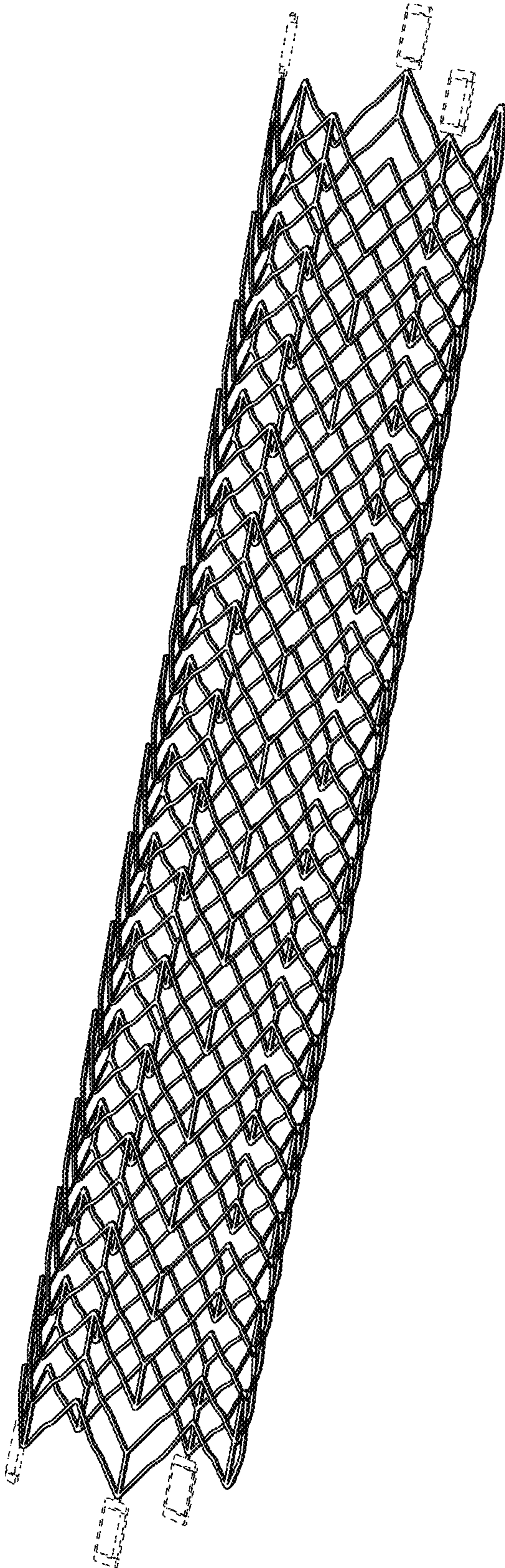


FIG. 1

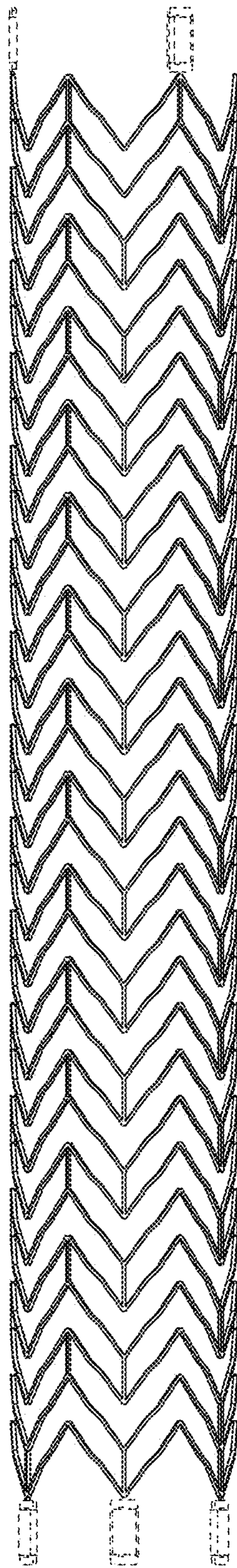


FIG. 2

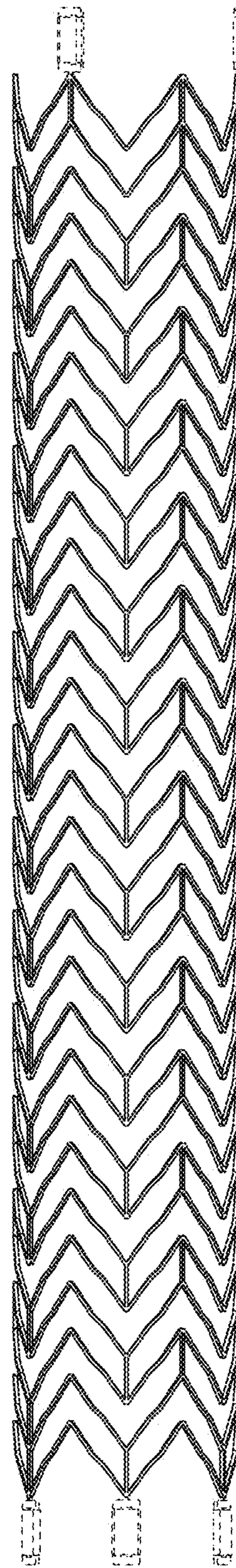


FIG. 3

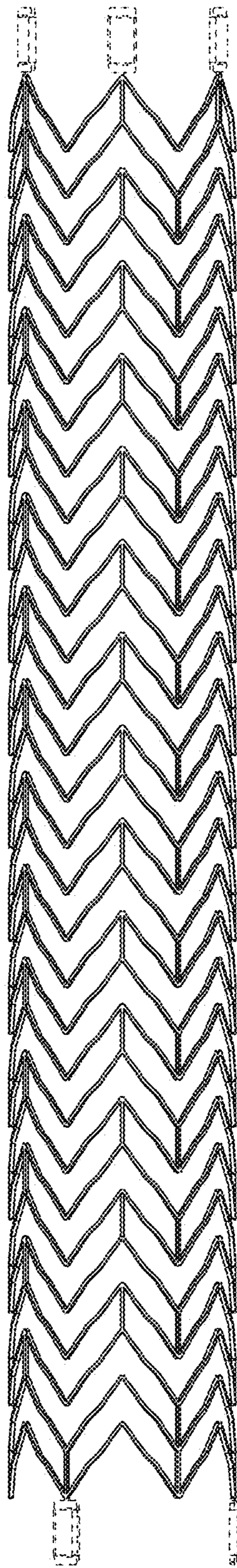


FIG. 4

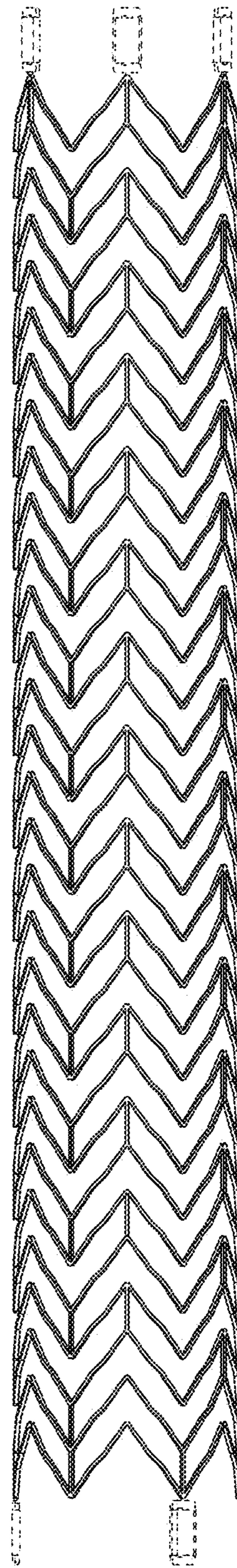


FIG. 5

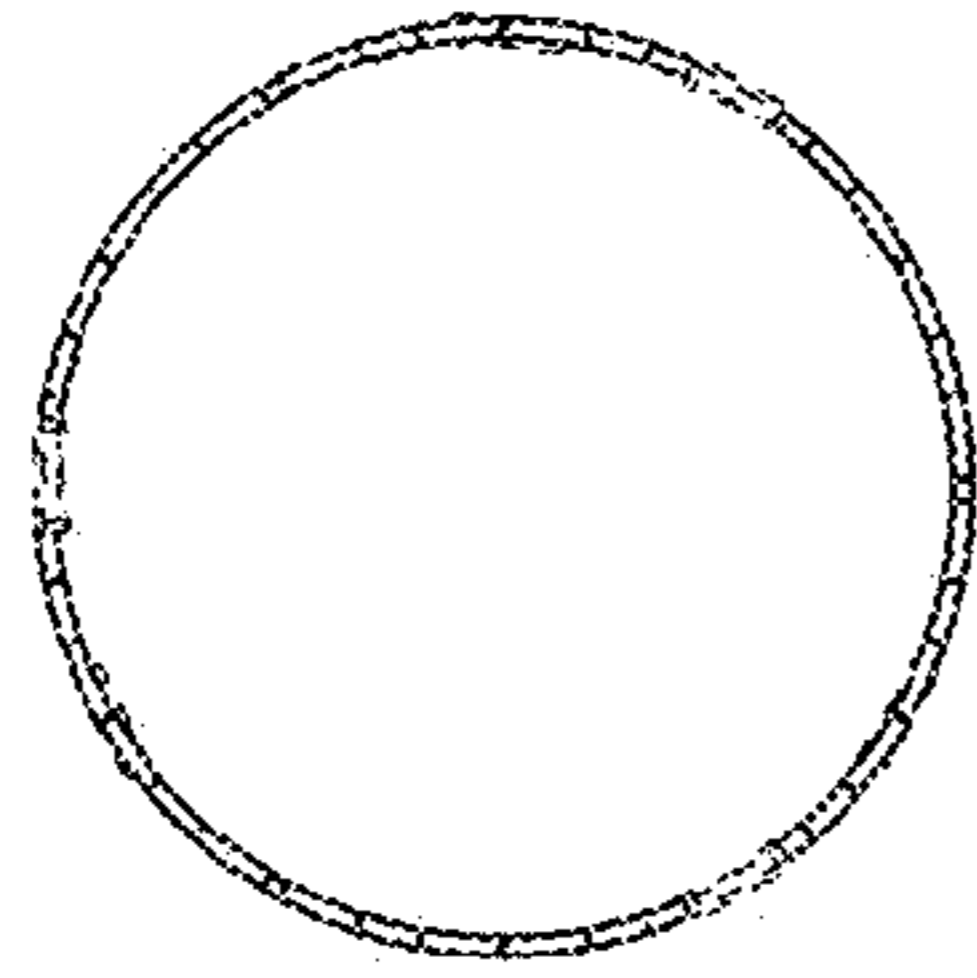


FIG. 6

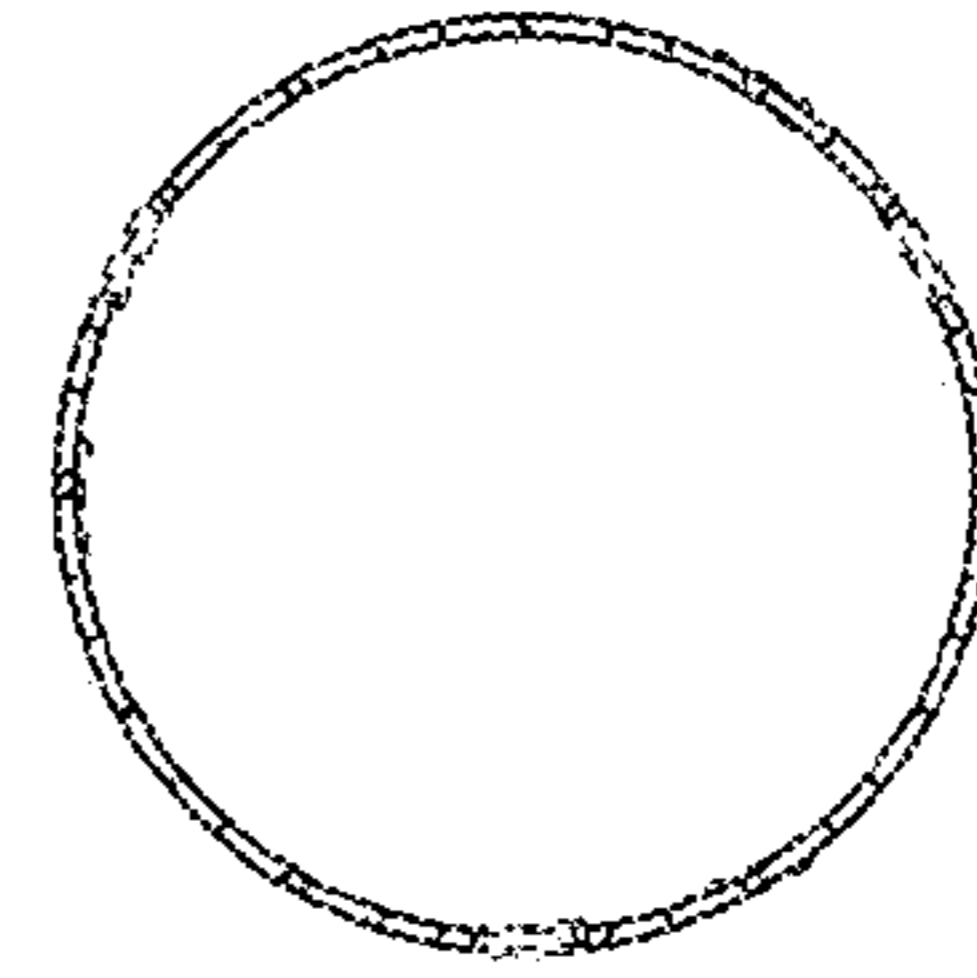


FIG. 7

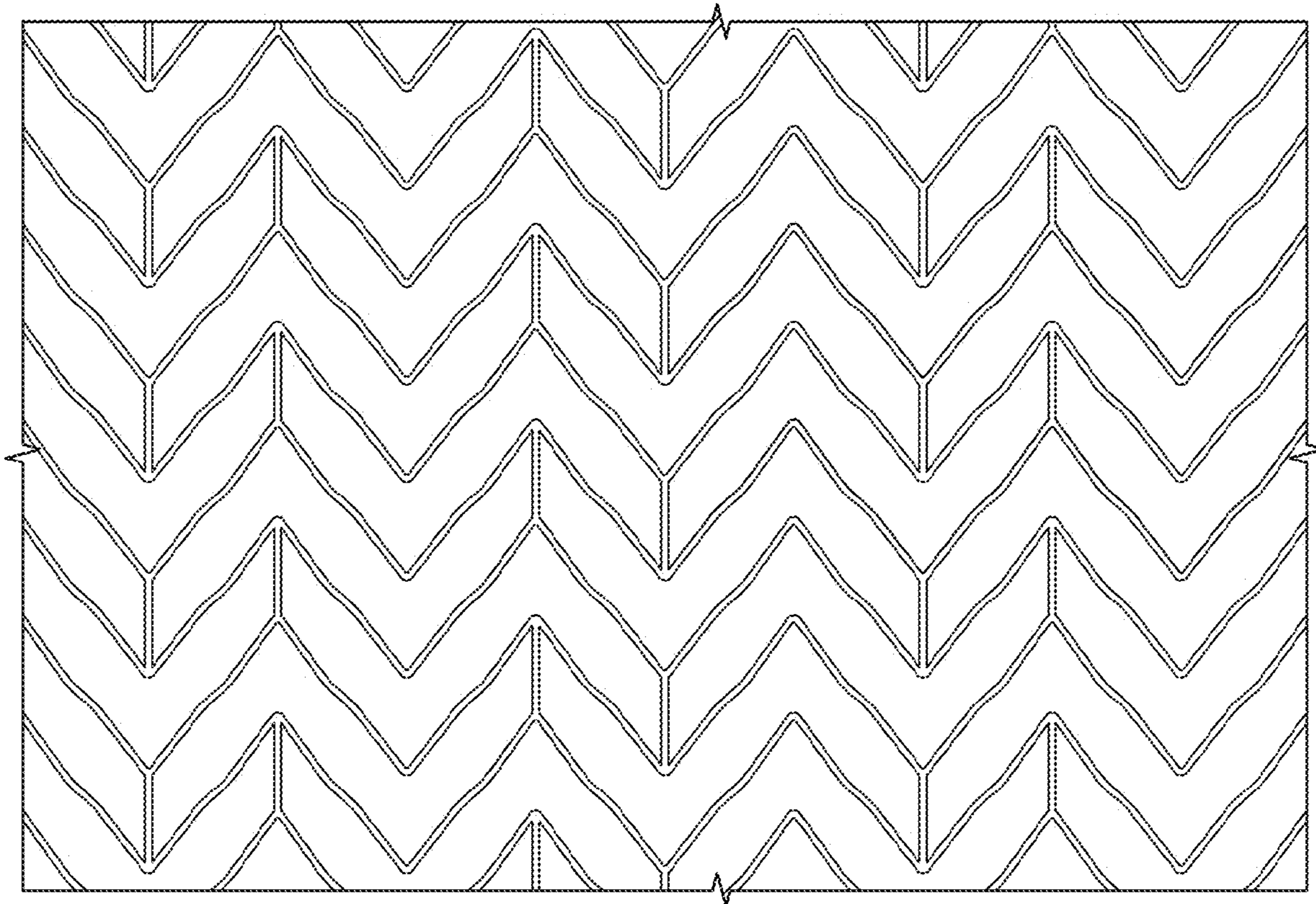


FIG. 8