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(12) **United States Design Patent** (10) **Patent No.:** **US D821,590 S**  
**Hylton et al.** (45) **Date of Patent:** **\*\* \*Jun. 26, 2018**

- (54) **STIFFENER FOR ORTHOTIC DEVICE**
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- (\*) Notice: This patent is subject to a terminal disclaimer.

- 5,072,725 A 12/1991 Miller
- D323,909 S 2/1992 Dewall
- D326,492 S 5/1992 Leibowitz
- D334,063 S 3/1993 DeWall
- 5,259,831 A 11/1993 Lebron
- 5,312,669 A 5/1994 Bedard
- 5,399,151 A 3/1995 Smith
- D370,744 S 6/1996 Roberson
- D374,313 S 10/1996 Munoz
- D375,581 S 11/1996 Dyer
- 5,709,648 A 1/1998 Webb
- 5,765,224 A 6/1998 Johnson
- 6,086,551 A 7/2000 Allen
- 6,213,968 B1 4/2001 Heinz et al.

(Continued)

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

FOREIGN PATENT DOCUMENTS

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- (51) **LOC (11) Cl.** ..... **24-02**
- (52) **U.S. Cl.**  
USPC ..... **D24/190**
- (58) **Field of Classification Search**  
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D29/120.1, 121.2  
CPC .... A61F 5/0106; A61F 5/0118; A61F 5/0104;  
A61F 5/0109; A61F 5/0111; A61F  
5/0102; A61F 5/0123; A61F 5/05841  
See application file for complete search history.

- FR 2838957 A1 10/2003
- WO WO 2004/019812 A2 3/2004

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(57) **CLAIM**

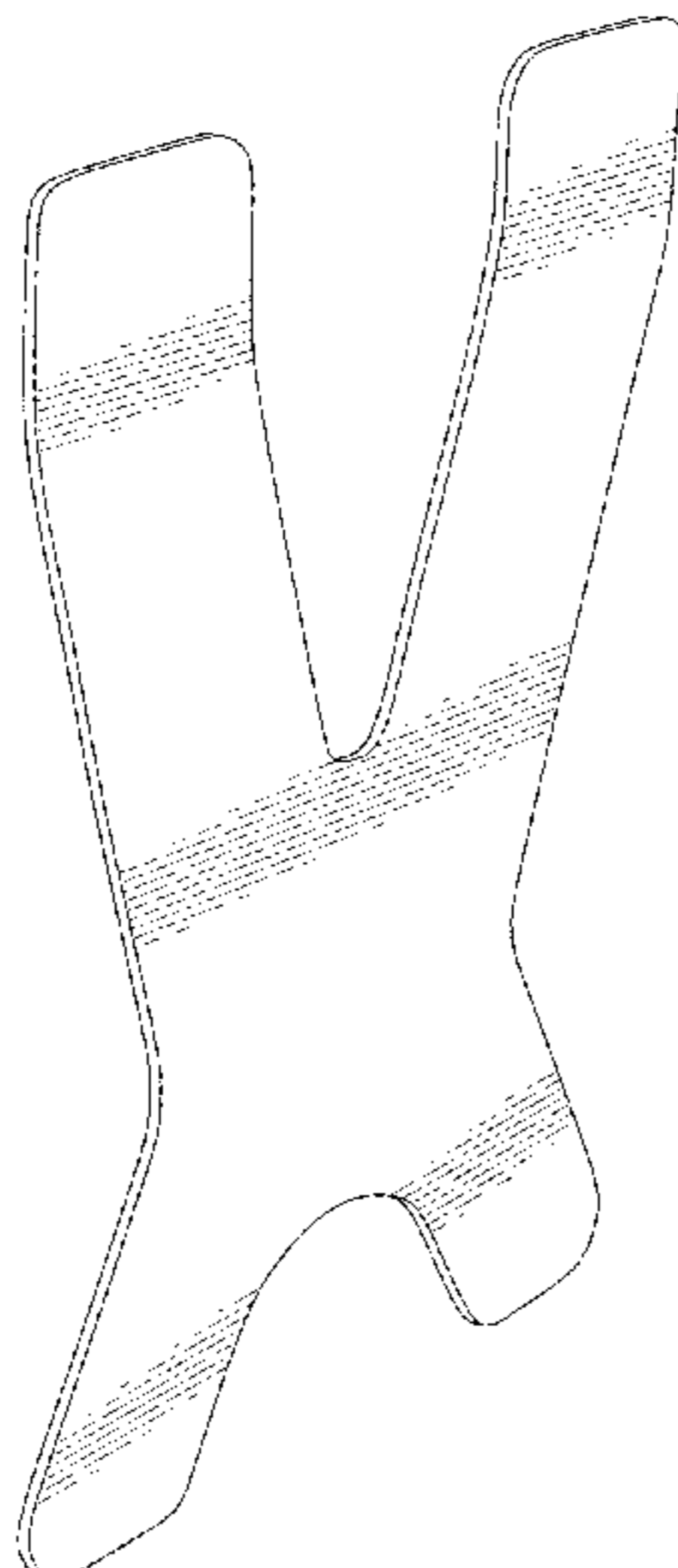
The ornamental design for a stiffener for orthotic device, as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a stiffener for orthotic device according to our invention.  
 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 plan view thereof; and,  
 FIG. 7 is a bottom plan view thereof.  
 In the drawing figures, surface shading is used to clearly show the character and contour of surfaces of the 3-dimensional aspects of the design, and form no part of the claimed design.

- (56) **References Cited**  
U.S. PATENT DOCUMENTS
- 89,018 A 4/1869 Brooks
- 3,068,860 A 12/1962 Strazdas
- 3,362,402 A 1/1968 Loeffel et al.
- 4,143,654 A 3/1979 Sherman
- D267,976 S 2/1983 Hammer et al.
- 4,715,362 A 12/1987 Scott
- 4,753,245 A 6/1988 Gedeon
- D300,475 S 3/1989 Caulder
- 5,007,412 A 4/1991 Dewall

**1 Claim, 4 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

6,364,851 B1	4/2002	Nafpliotis		8,516,616 B2	8/2013	Nordstrom et al.
D463,566 S	9/2002	Slautterback		8,533,872 B1	9/2013	Rodriguez
6,478,759 B1	11/2002	Modglin		8,657,769 B2	2/2014	Ingimundarson et al.
6,533,358 B1	3/2003	Avihod		8,821,424 B2	9/2014	Alleyne
D480,145 S	9/2003	Slautterback		8,894,597 B2	11/2014	Newkirk
6,932,780 B2	8/2005	Kozersky		8,910,317 B2	12/2014	Decker
7,025,737 B2	4/2006	Modglin		9,078,477 B2	7/2015	McAllister
7,316,660 B1	1/2008	Modglin		9,205,015 B2	12/2015	Guillen
7,322,950 B2	1/2008	Modglin		9,220,625 B2	12/2015	Ingimundarson et al.
D608,008 S *	1/2010	Jang .....	D24/190	D776,287 S	1/2017	Leonard
7,654,972 B2	2/2010	Alleyne		D776,423 S	1/2017	Zhou
D612,507 S *	3/2010	Arbesman .....	D24/190	D778,532 S	2/2017	Dorsey
D621,053 S *	8/2010	Kase .....	D24/189	2005/0067861 A1	3/2005	Avihod
D621,518 S *	8/2010	Arbesman .....	D24/189	2006/0000478 A1	1/2006	Taylor
D636,964 S	4/2011	Thomas		2008/0188785 A1	8/2008	Shutes et al.
8,007,457 B2	8/2011	Taylor		2008/0295216 A1	12/2008	Nordstrom et al.
D654,181 S *	2/2012	Chiang .....	D24/190	2008/0295230 A1	12/2008	Wright et al.
D663,432 S *	7/2012	Nichols .....	D24/189	2008/0319365 A1	12/2008	Kendrick
D674,097 S *	1/2013	Nichols .....	D24/189	2009/0133181 A1	5/2009	Nordstrom et al.
D674,098 S *	1/2013	Nichols .....	D24/189	2011/0203030 A1	8/2011	Nordstrom et al.
D674,099 S *	1/2013	Nichols .....	D24/189	2012/0150085 A1	6/2012	Kayser
8,409,122 B2	4/2013	Cropper et al.		2013/0053750 A1	2/2013	Taylor
				2013/0086729 A1	4/2013	Carter et al.
				2014/0249459 A1	9/2014	Dallison et al.

\* cited by examiner

FIG. 1

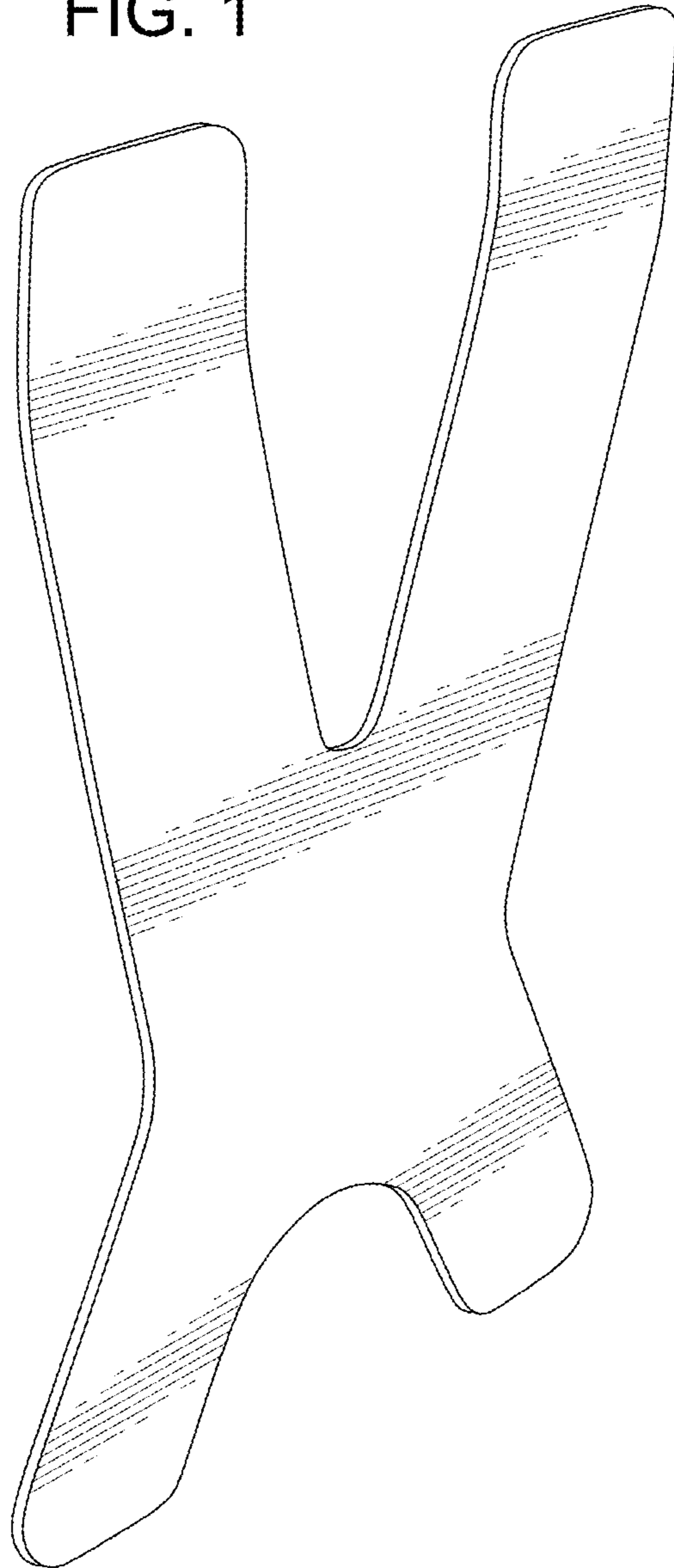


FIG. 2

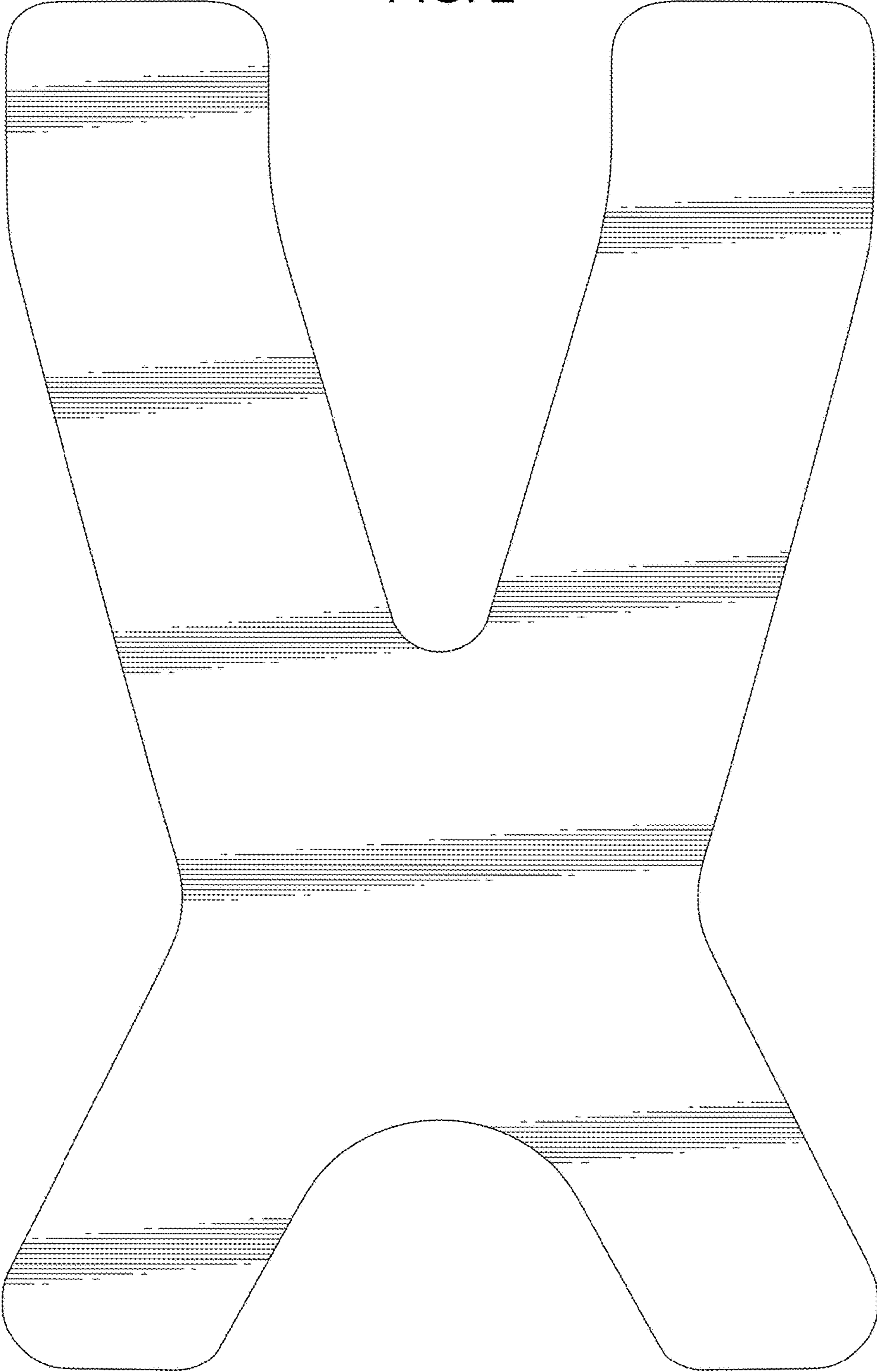


FIG. 3

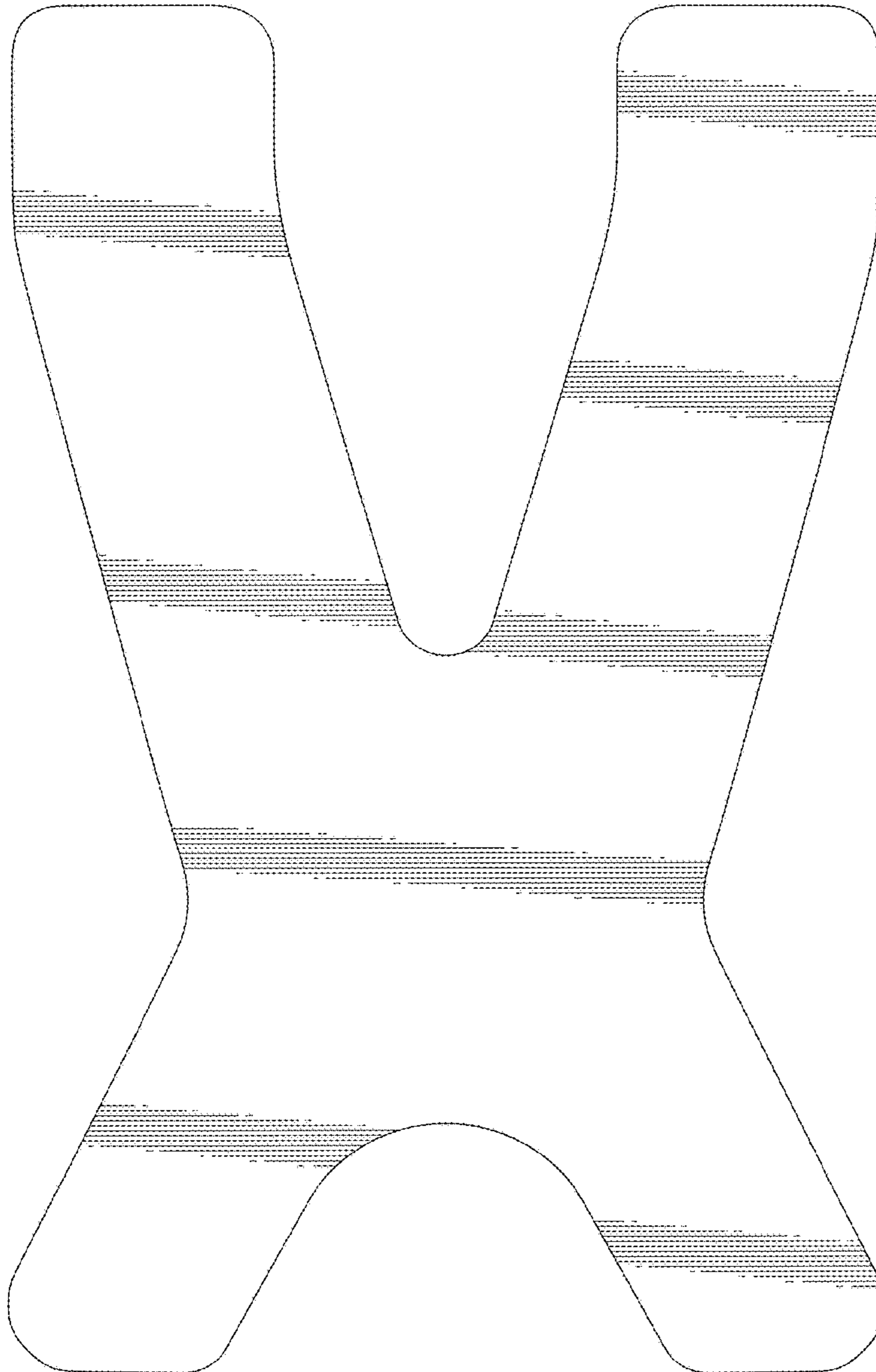


FIG. 4 FIG. 5

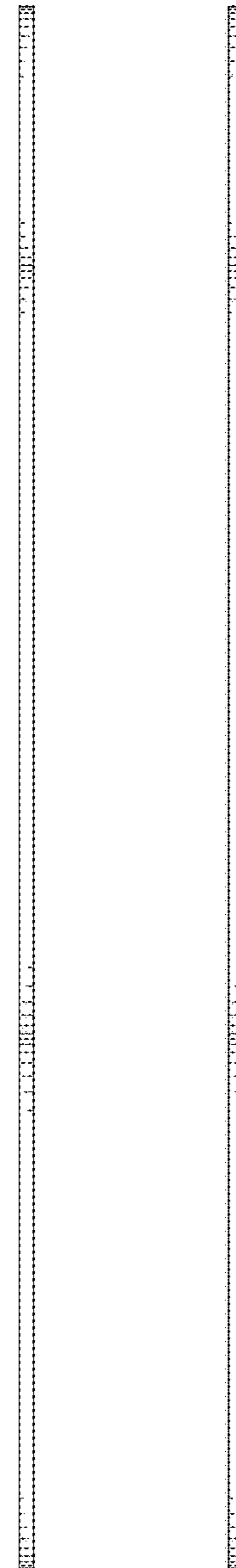


FIG. 6

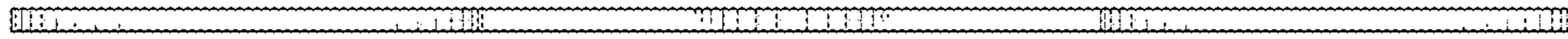


FIG. 7

