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(12) **United States Design Patent** (10) **Patent No.:** **US D925,040 S**  
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(54) **RUBBER SOLE FOR SPORT PROSTHESIS**

FOREIGN PATENT DOCUMENTS

(71) Applicant: **BRIDGESTONE CORPORATION**,  
Tokyo (JP)

JP D2018-8437 \* 2/2020

(72) Inventor: **Dyta Itoi**, Tokyo (JP)

OTHER PUBLICATIONS

(73) Assignee: **BRIDGESTONE CORPORATION**,  
Tokyo (JP)

Nike News, "Unveiling the Nike Sole", first available Feb. 2, 2012.  
(<https://news.nike.com/news/unveiling-the-nike-sole-for-amputee-athletes>) (Year: 2012).\*

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

(Continued)

(21) Appl. No.: **29/708,238**

*Primary Examiner* — April Rivas  
*Assistant Examiner* — Justin A Johnson

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(74) *Attorney, Agent, or Firm* — Kenja IP Law PC

(30) **Foreign Application Priority Data**

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(51) **LOC (13) Cl.** ..... **24-03**

(52) **U.S. Cl.**  
USPC ..... **D24/155**

(58) **Field of Classification Search**

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D2/920, 921, 922, 923, 946, 947, 948,  
D2/949, 950, 951, 952, 953, 954, 960,  
D2/968, 980, 983; D8/349, 382, 387, 47,  
D8/388, 391, 392, 393, 394, 395, 396,  
D8/397, 398, 399, 721; D24/107, 133,  
D24/141, 143, 155, 171, 188, 190, 192,  
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CPC . A61B 17/151; A61B 17/154; A61B 17/8095;  
A61B 17/7058; A61B 17/58; A61F 2/00;  
A61F 2/0009; A61F 2/0022; A61F  
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A61F 2002/0086; A61F

(Continued)

(56) **References Cited**

U.S. PATENT DOCUMENTS

D266,286 S \* 9/1982 Vermonet ..... D2/908  
D267,676 S \* 1/1983 Allen ..... D2/909

(Continued)

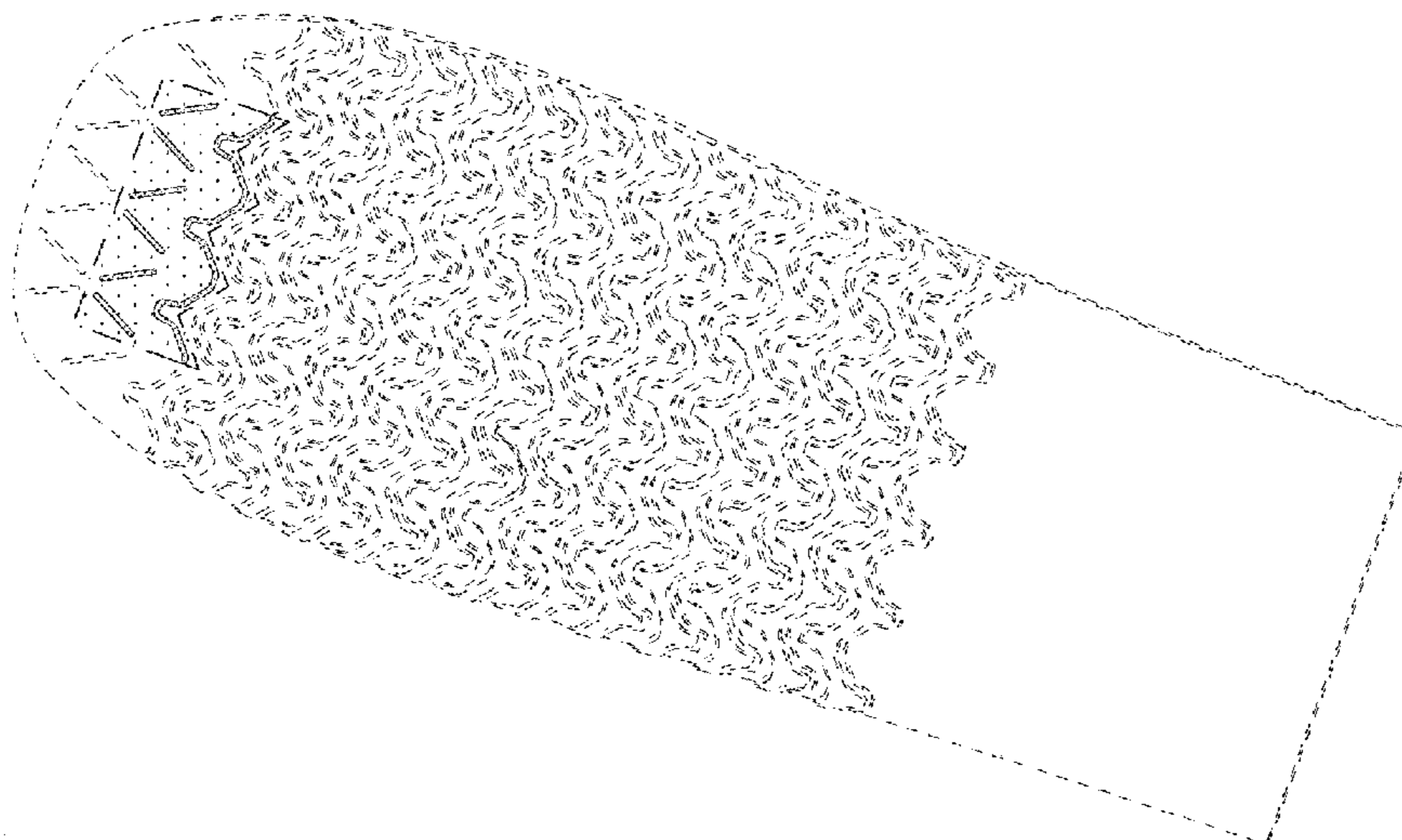
(57) **CLAIM**

The ornamental design for a rubber sole for sport prosthesis,  
as shown and described.

**DESCRIPTION**

FIG. 1 is a perspective view of a rubber sole for sport prosthesis showing my new design;  
FIG. 2 is a front view thereof;  
FIG. 3 is a right side view thereof;  
FIG. 4 is a left side view thereof;  
FIG. 5 is a rear view thereof;  
FIG. 6 is a bottom view thereof; and,  
FIG. 7 is an end view taken along line 7-7 in FIG. 2.  
The broken lines in the drawings are intended to show portions of the sole that are not being claimed, and thus form no part of the claimed design. The dash-dot-dash broken lines are used to show the boundary between unclaimed and claimed subject matter, and thus form no part of the claimed design. The light stippled surface shading represents the surface of the rubber sole for sport prosthesis, and the dark stippled surface shading represents the recessed portion of the grooves, having the depth as shown in FIGS. 7.

**1 Claim, 7 Drawing Sheets**



(58) **Field of Classification Search**

CPC ..... 2002/009; A61F 2002/0091; A61F 2/28;  
 A61F 2/30; A61F 2002/30108; A61F  
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 A61F 2/4225; A61F 2/44; A61F 2/4405;  
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 A61F 2/446; A61F 2/447; A61F 2/60;  
 A61F 2002/6614; A61F 2002/6557; A61F  
 2002/665; A61F 2/78; A61L 27/00; A61L  
 2430/38; G06T 2207/30052

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D607,191 S \* 1/2010 McClaskie ..... D2/953  
 D609,439 S \* 2/2010 Walton ..... D2/951  
 D613,041 S \* 4/2010 Thompson ..... D2/902  
 8,535,390 B1 \* 9/2013 Lecomte ..... A61F 2/66  
 623/53

D776,412 S \* 1/2017 Carboy ..... D2/960  
 D876,772 S \* 3/2020 Brown ..... D2/953  
 D883,149 S \* 5/2020 Itoi ..... A61F 2/66  
 D12/133  
 D889,088 S \* 7/2020 Itoi ..... A61F 2/66  
 D2/953  
 D895,949 S \* 9/2020 Simone ..... A61H 3/02  
 D2/953  
 2006/0185703 A1 \* 8/2006 Townsend ..... A61H 3/02  
 135/82  
 2012/0271434 A1 \* 10/2012 Friesen ..... A61F 2/66  
 623/55

OTHER PUBLICATIONS

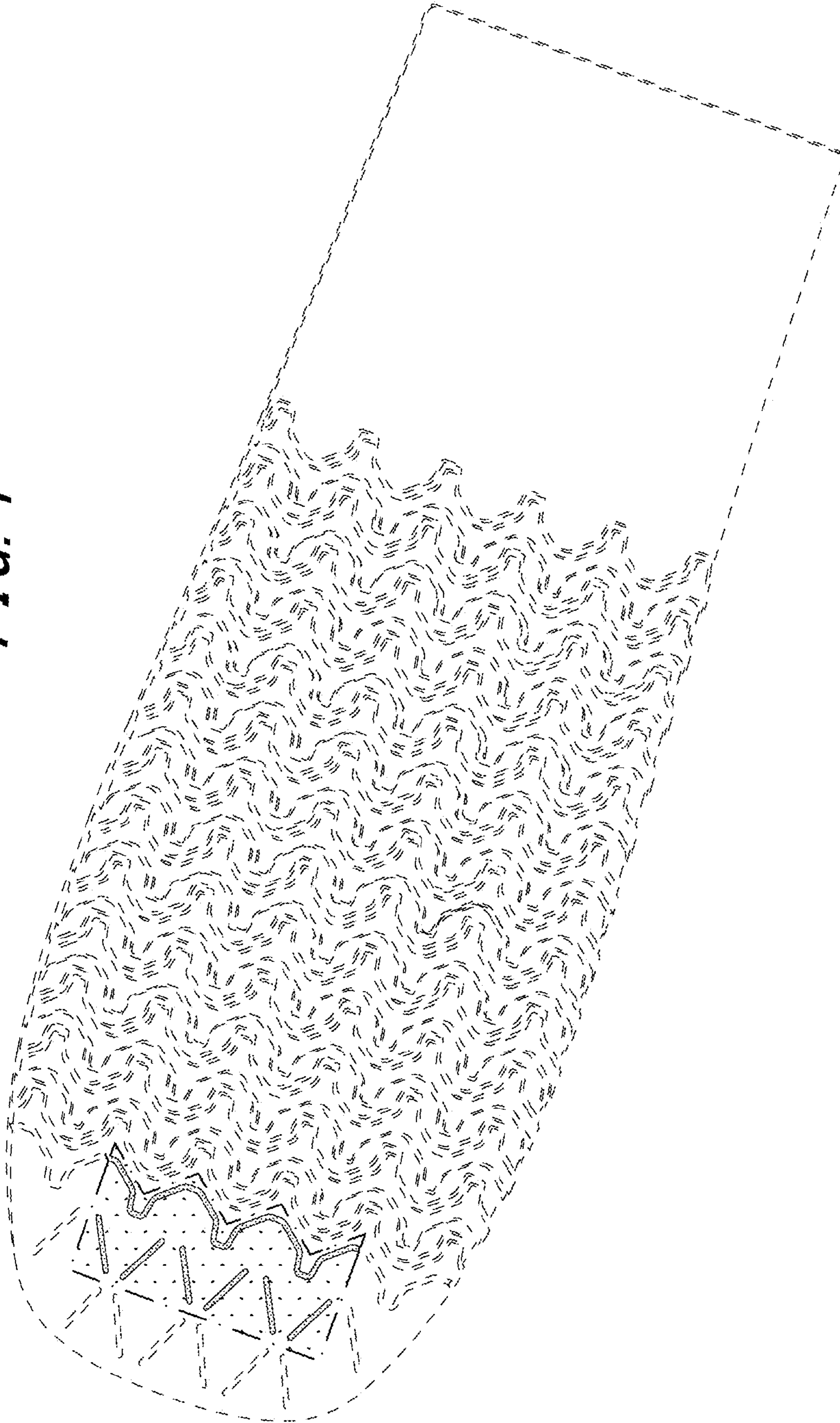
Ottobock, "Above-knee and below-knee running solutions", first available May 23, 2016. (<https://web.archive.org/web/20160523145302/https://www.ottobockus.com/sports/solution-overview/3s80-and-sprinter-foot/>) (Year: 2016).\*

Mobility Solutions, "Activity Specific Prostheses: Running Prosthetics", first available May 2019. (<http://www.mobilitysolutionspando.com/whats-new.html>) (Year: 2019).\*

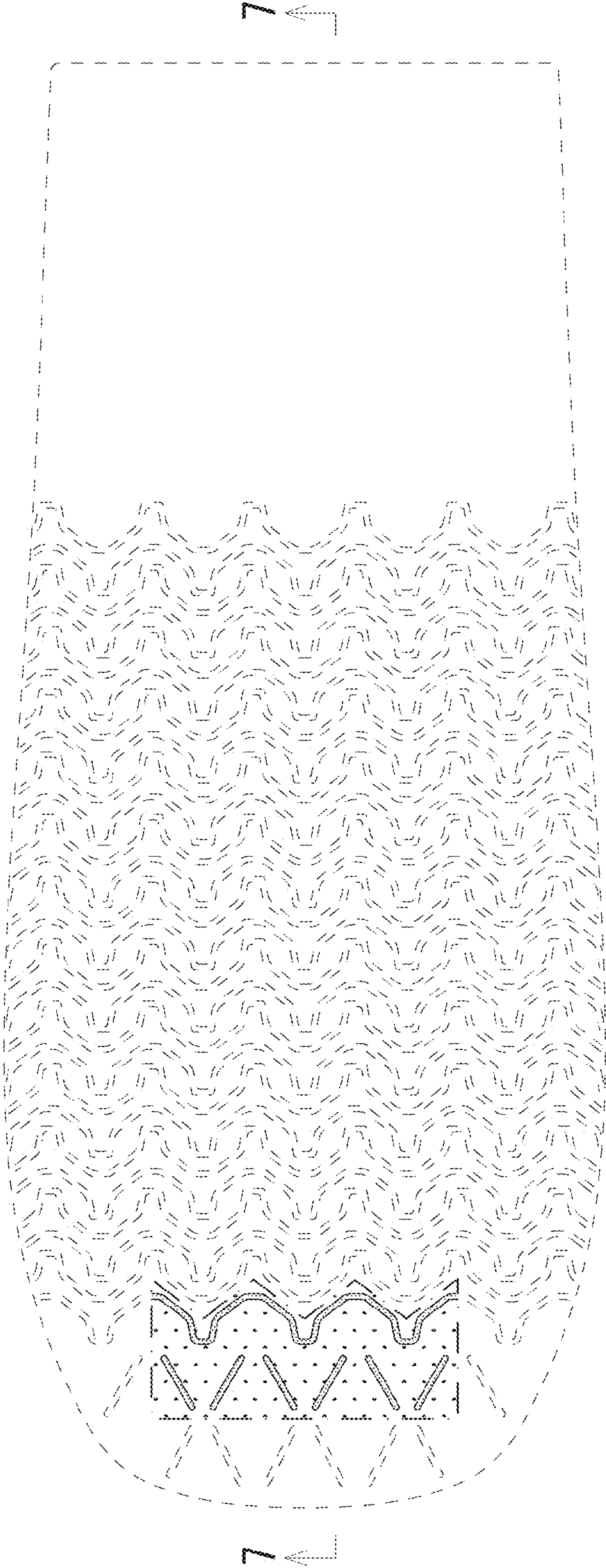
Akder Medical, "Spike Sole & Foot Cover", first accessed Dec. 7, 2020. (<https://www.akdermedikal.com/product/spike-sole-foot-cover/>) (Year: 2020).\*

\* cited by examiner

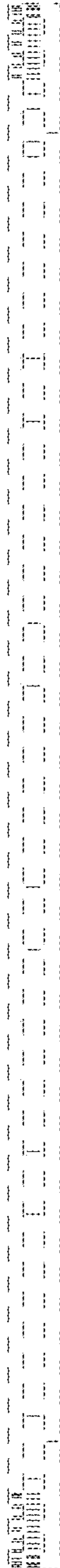
**FIG. 1**



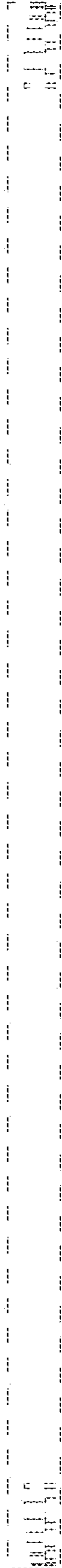
*FIG. 2*



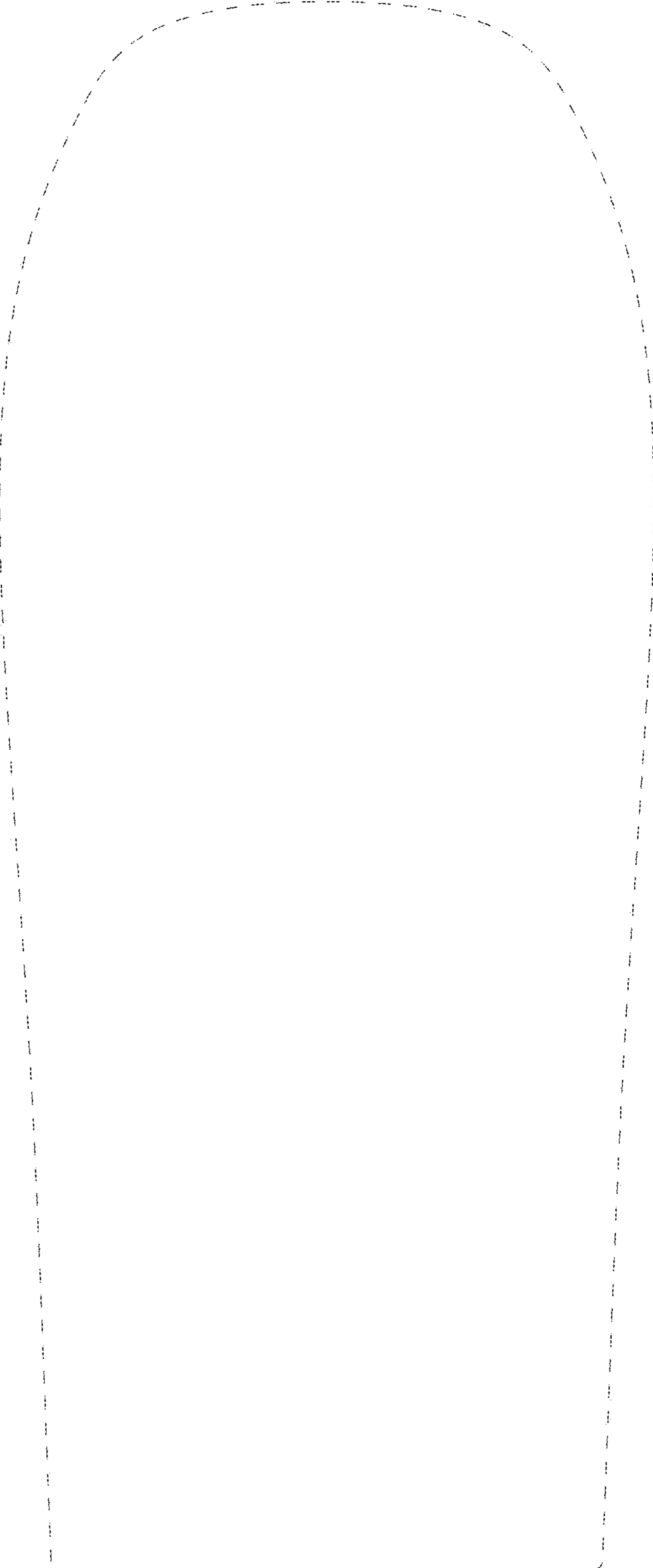
*FIG. 3*



*FIG. 4*



*FIG. 5*



*FIG. 6*





*FIG. 7*

