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(12) **United States Design Patent** (10) **Patent No.:** **US D917,860 S**  
**Choi** (45) **Date of Patent:** **\*\* May 4, 2021**

(54) **SHOE INSOLE** 4,845,865 A \* 7/1989 Chang ..... A43B 3/0078  
36/136  
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36/145  
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36/102  
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6,742,289 B2 \* 6/2004 Celmo ..... A43B 7/1465  
36/141  
(\*\*) Term: **15 Years** (Continued)

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(51) **LOC (13) Cl.** ..... **02-04**

(52) **U.S. Cl.**  
USPC ..... **D2/961**

(58) **Field of Classification Search**  
USPC ..... D2/896, 914, 946, 947, 951, 952, 953,  
D2/954, 955, 956, 960, 961, 962; 36/43,  
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CPC ..... A43B 17/107; A43B 17/10; A43B 19/005;  
A43B 17/003; A43B 19/00; A43B 17/14;  
A43B 17/006; A43B 17/00  
See application file for complete search history.

(56) **References Cited**

**U.S. PATENT DOCUMENTS**

3,086,532 A \* 4/1963 Mistarz ..... A43B 13/04  
36/145  
3,825,017 A \* 7/1974 Scrima ..... A43B 7/28  
36/181  
4,170,233 A \* 10/1979 Bunsick ..... A43B 7/28  
36/145  
4,317,293 A \* 3/1982 Sigle ..... A43B 7/22  
36/43  
4,408,402 A \* 10/1983 Looney ..... A43B 13/42  
36/43  
4,724,628 A \* 2/1988 Schreiner ..... A43B 3/0078  
2/245  
D297,384 S \* 8/1988 Miller ..... D2/952  
4,813,159 A \* 3/1989 Weiss ..... A43B 7/14  
36/144

**FOREIGN PATENT DOCUMENTS**

CN 302831701 \* 6/2014  
CN 304417156 \* 12/2017

(Continued)

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*Assistant Examiner* — Laura H Yu

(57) **CLAIM**

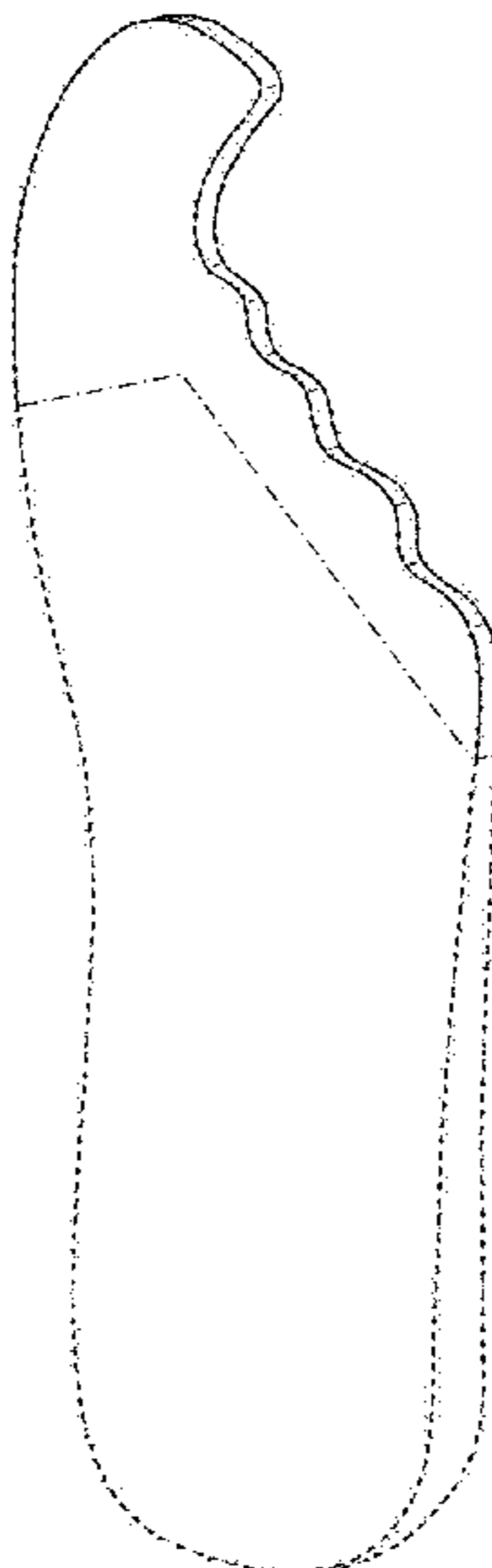
The ornamental design for a shoe insole, as shown and described.

**DESCRIPTION**

FIG. 1 is a front, top, and right side perspective view of a shoe insole showing my new design;  
FIG. 2 is a front elevation view thereof;  
FIG. 3 is a rear elevation view thereof;  
FIG. 4 is a left side elevation view thereof;  
FIG. 5 is a right side elevation view thereof;  
FIG. 6 is a top plan view thereof;  
FIG. 7 is a bottom plan view thereof; and,  
FIG. 8 is another front elevation view of the shoe insole in condition of use.

The broken lines used in the drawings are for the purpose of illustrating environmental structure and form no part of the claimed design. The dash dot dash broken lines shown in the drawings illustrate the boundary of the claim and form no part thereof.

**1 Claim, 8 Drawing Sheets**



(56)

References Cited

U.S. PATENT DOCUMENTS

7,010,869 B1 \* 3/2006 Ellis, III ..... A43B 7/1415  
 36/10  
 7,337,559 B2 \* 3/2008 Russell ..... A43B 7/1415  
 36/28  
 7,418,792 B2 \* 9/2008 Pai ..... A43B 7/1415  
 36/30 R  
 7,434,338 B2 \* 10/2008 Pfander ..... A43B 7/144  
 36/141  
 D596,388 S \* 7/2009 Hill ..... D2/946  
 7,854,075 B2 \* 12/2010 Kosmas ..... A43B 7/1445  
 36/44  
 D639,213 S \* 6/2011 McElroy ..... D12/114  
 D723,253 S \* 3/2015 Blaise ..... D2/952  
 D738,083 S \* 9/2015 Kojak ..... D2/961  
 D739,130 S \* 9/2015 Bramani ..... D2/948  
 D747,085 S \* 1/2016 Piontkowski ..... D2/961  
 D762,959 S \* 8/2016 Kojak ..... D2/961  
 9,427,028 B1 \* 8/2016 Martin ..... A41B 11/001  
 10,172,413 B2 \* 1/2019 Chanda ..... A43B 7/1425  
 10,182,616 B2 \* 1/2019 O'Brien ..... A43B 17/105  
 10,299,534 B2 \* 5/2019 Gossman ..... A43B 7/149  
 D886,429 S \* 6/2020 Ayres ..... D2/961

2008/0155731 A1 \* 7/2008 Kasahara ..... D04B 1/265  
 2/240  
 2009/0145005 A1 \* 6/2009 Murphy ..... A43B 5/06  
 36/91  
 2010/0049111 A1 \* 2/2010 Sorg ..... A43B 7/1465  
 602/62  
 2010/0170027 A1 \* 7/2010 Steel ..... A43B 3/105  
 2/239  
 2011/0119807 A1 \* 5/2011 DellaCorte ..... A61F 5/019  
 2/239  
 2013/0081306 A1 \* 4/2013 Park ..... A43B 13/383  
 36/43  
 2015/0238803 A1 \* 8/2015 Neal ..... A43B 17/00  
 5/417  
 2016/0073735 A1 \* 3/2016 Acosta ..... A43B 7/1445  
 36/44

FOREIGN PATENT DOCUMENTS

CN 304803179 \* 9/2018  
 CN 304964854 \* 12/2018  
 CN 304977458 \* 1/2019  
 JP D1303124 \* 6/2007  
 JP D1409566 \* 3/2011

\* cited by examiner

FIG. 1

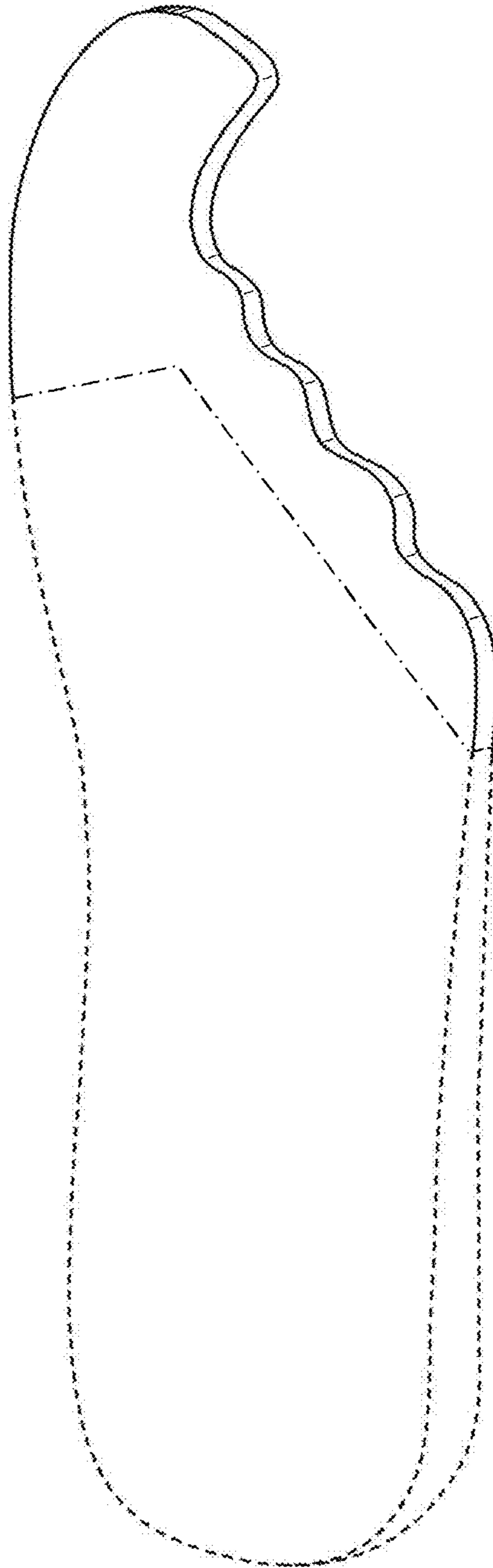


FIG. 2

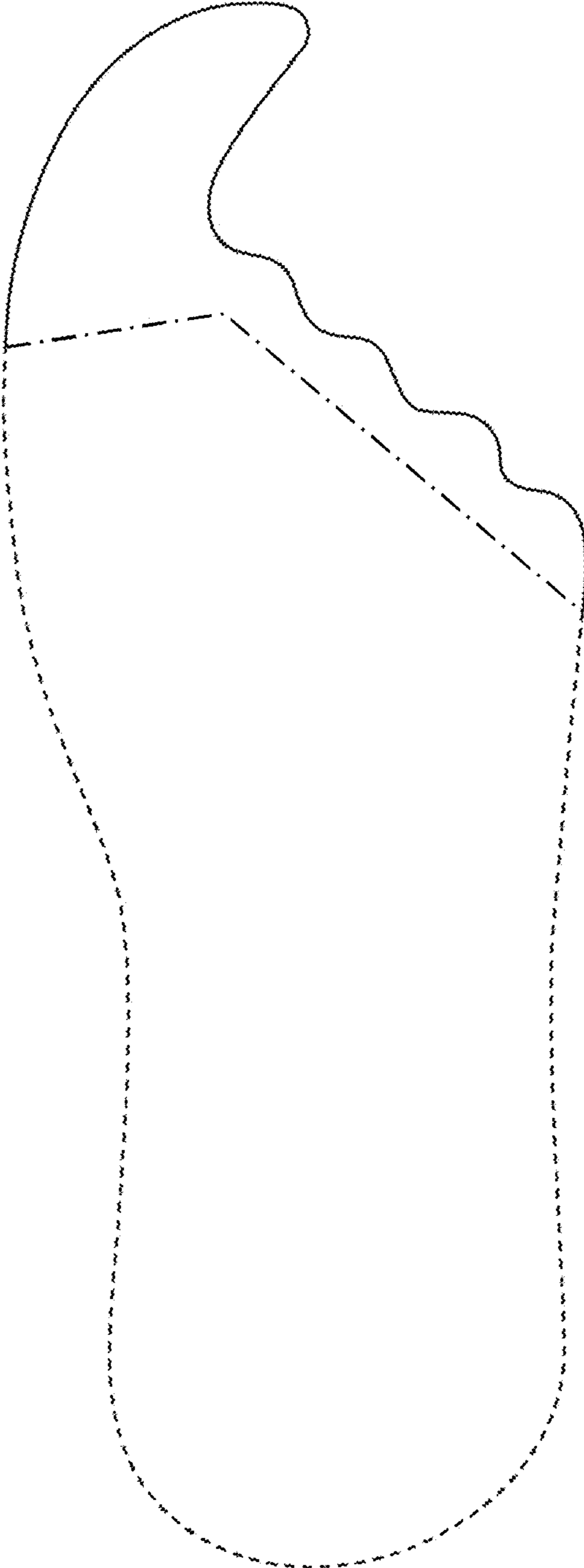


FIG. 3

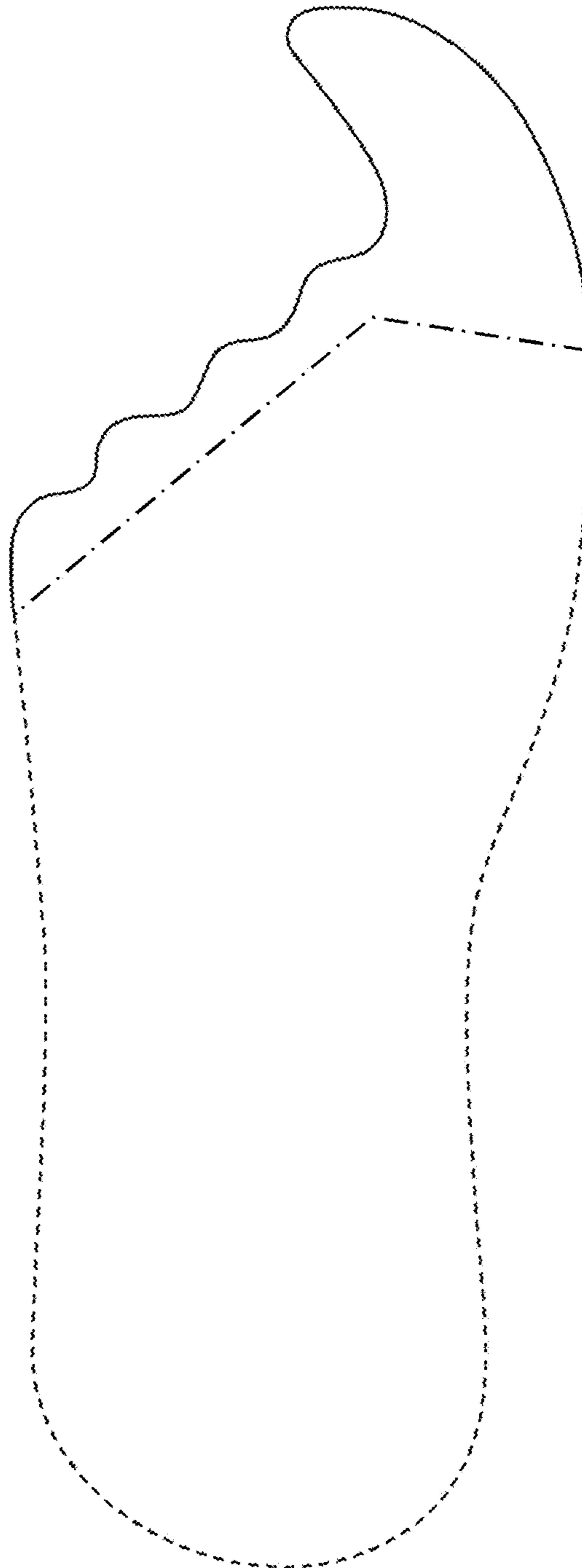


FIG. 4

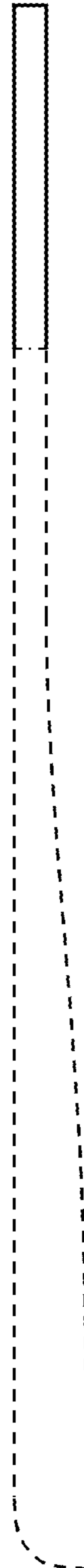


FIG. 5

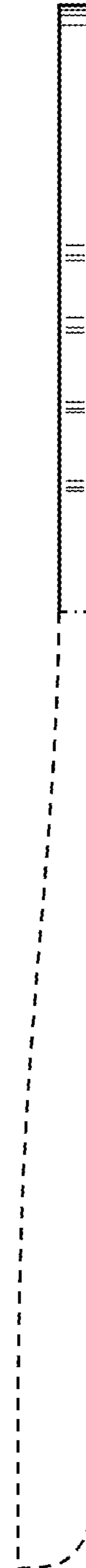


FIG. 6





FIG. 7



FIG. 8

