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Blair et al.

(10)

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(45)

Date of Patent:

** Apr. 30, 2024

(54) LOW PROFILE STAPLE

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(72) Inventors: Jeremy Webster Blair, Atlanta, GA (US); Courtney Lynne Kline, Atlanta, GA (US)

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(73) Assignee: MEDSHAPE, INC., Atlanta, GA (US)

(**) Term: 15 Years

DePuy Synthes, BME Elite Continuous Compression Implant Product Overview. DePuy Synthes, 2017. Pamphlet.

(Continued)

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Assistant Examiner — Ieisha N Price

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Related U.S. Application Data

(60) Continuation of application No. 29/845,472, filed on Jul. 7, 2022, and a continuation-in-part of application No. 17/472,956, filed on Sep. 13, 2021, which is a continuation of application No. 17/004,789, filed on Aug. 27, 2020, now Pat. No. 11,116,499, said application No. 29/845,472 is a division of

(Continued)

(57) CLAIM

The ornamental design for a low profile staple, as shown and described.

DESCRIPTION

(51) LOC (14) Cl. 24-03

(52) U.S. Cl.

USPC D24/155; D24/145

CPC A61B 17/0642 (2013.01); A61B 17/0644 (2013.01); A61B 2017/00867 (2013.01); A61B 2017/0645 (2013.01)

(58) Field of Classification Search

USPC D8/390, 389, 388; D24/145, 155

CPC F16B 15/0007; F16B 15/0015; A61B 2017/0641; A61B 17/064; A61B 17/0642; B21G 7/02; B21D 53/46

See application file for complete search history.

FIG. 1 is a perspective view of a low profile staple, according to the present disclosure;

FIG. 2 is a perspective view of a low profile staple, according to the present disclosure;

FIG. 3 is a front side view of a low profile staple, according to the present disclosure;

FIG. 4 is a rear side view of a low profile staple, according to the present disclosure;

FIG. 5 is a right side view of a low profile staple, according to the present disclosure;

FIG. 6 is a left side view of a low profile staple, according to the present disclosure;

FIG. 7 is a top view of a low profile staple, according to the present disclosure; and,

FIG. 8 is a bottom view of a low profile staple, according to the present disclosure.

The broken lines in the drawings illustrate portions of the low profile staple and form no part of the claimed design.

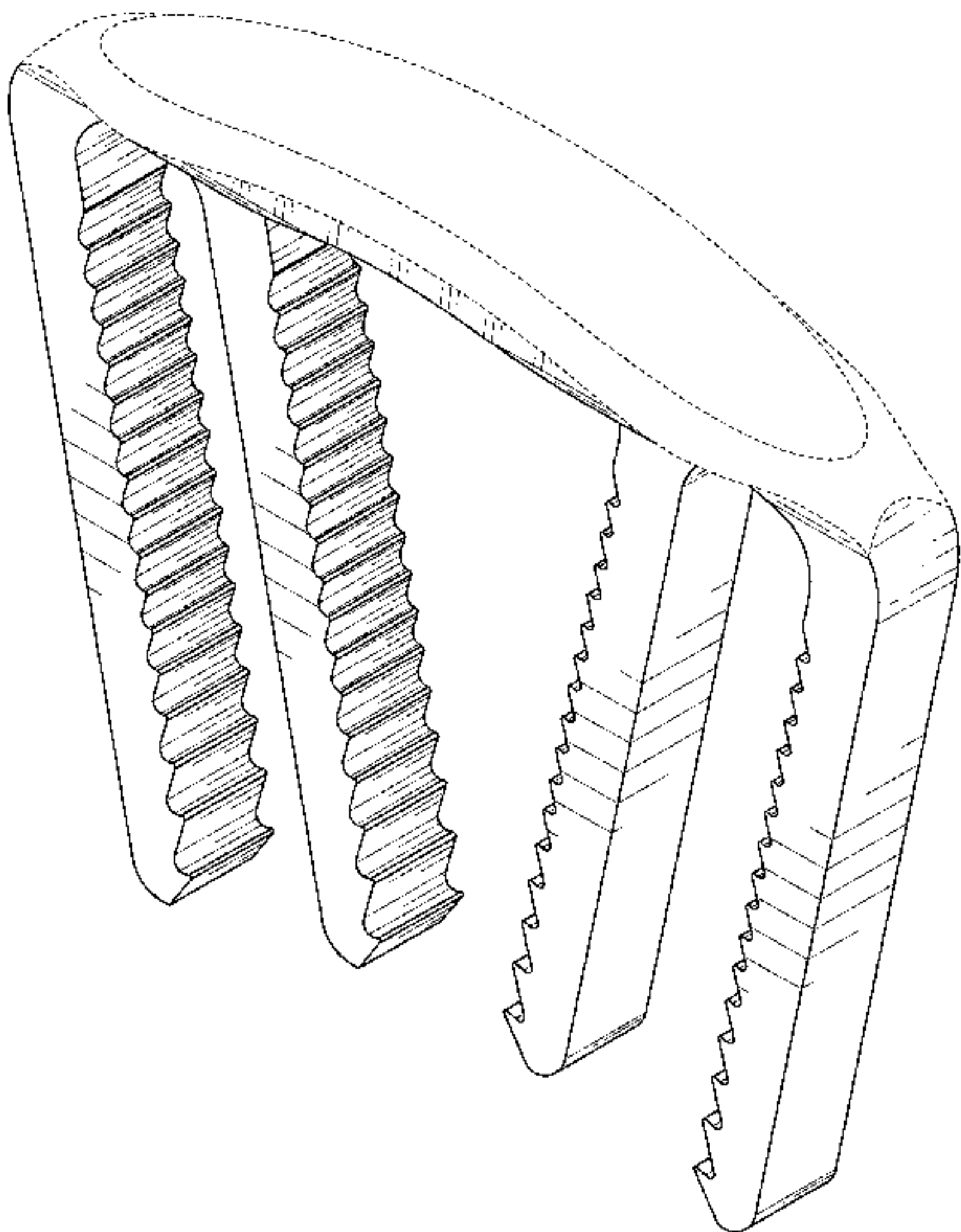
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1 Claim, 8 Drawing Sheets



Related U.S. Application Data

application No. 29/748,166, filed on Aug. 27, 2020, now Pat. No. Des. 957,636, said application No. 17/004,789 is a continuation-in-part of application No. 16/393,489, filed on Apr. 24, 2019, now Pat. No. 11,020,110, said application No. 29/748,166 is a continuation-in-part of application No. 16/393,489, filed on Apr. 24, 2019, now Pat. No. 11,020,110, which is a continuation of application No. 16/058,638, filed on Aug. 8, 2018, now Pat. No. 10,307,156, said application No. 17/004,789 is a continuation-in-part of application No. 29/659,375, filed on Aug. 8, 2018, now Pat. No. Des. 895,113, said application No. 29/748,166 is a continuation-in-part of application No. 29/659,375, filed on Aug. 8, 2018, now Pat. No. Des. 895,113.

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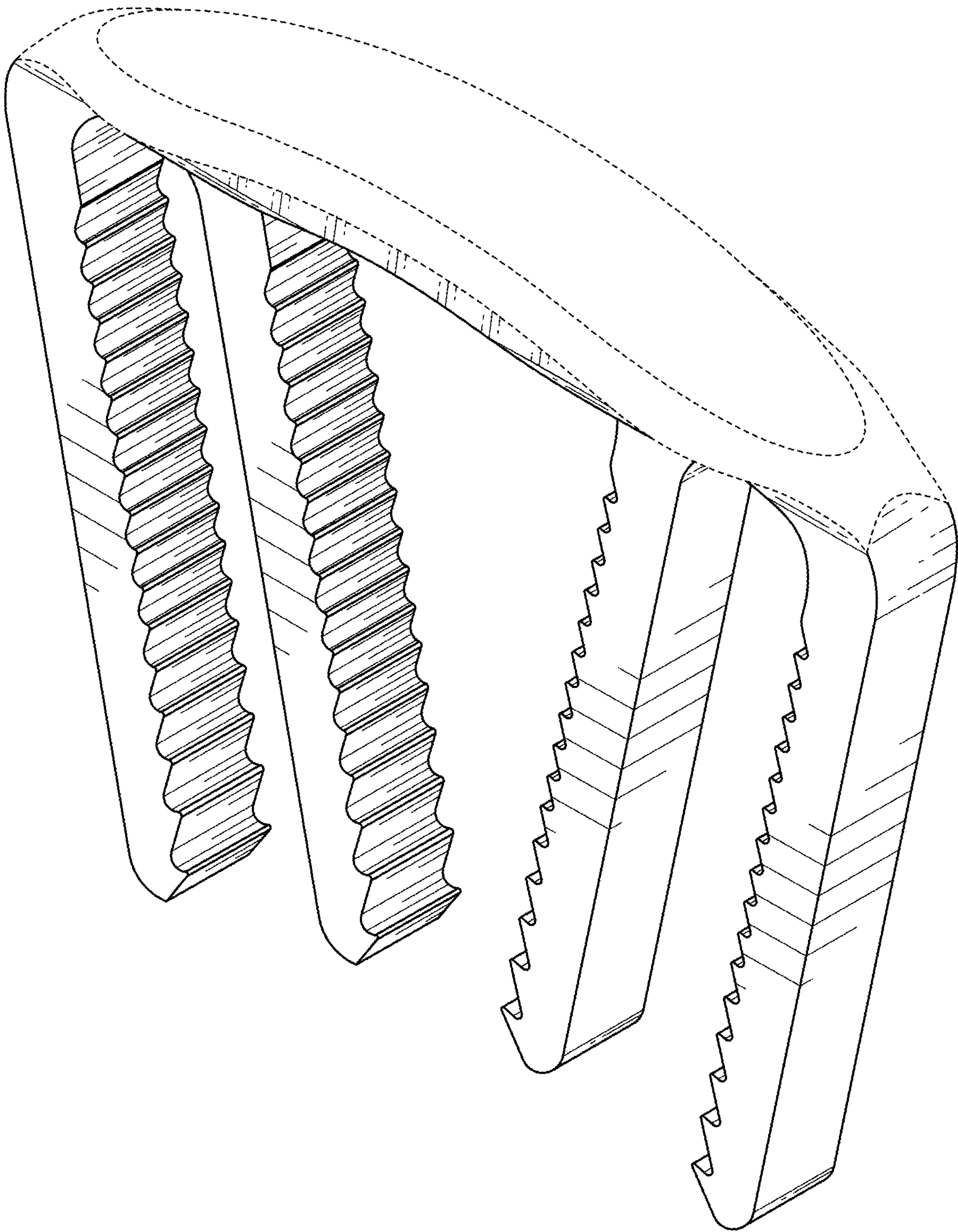


FIG. 1

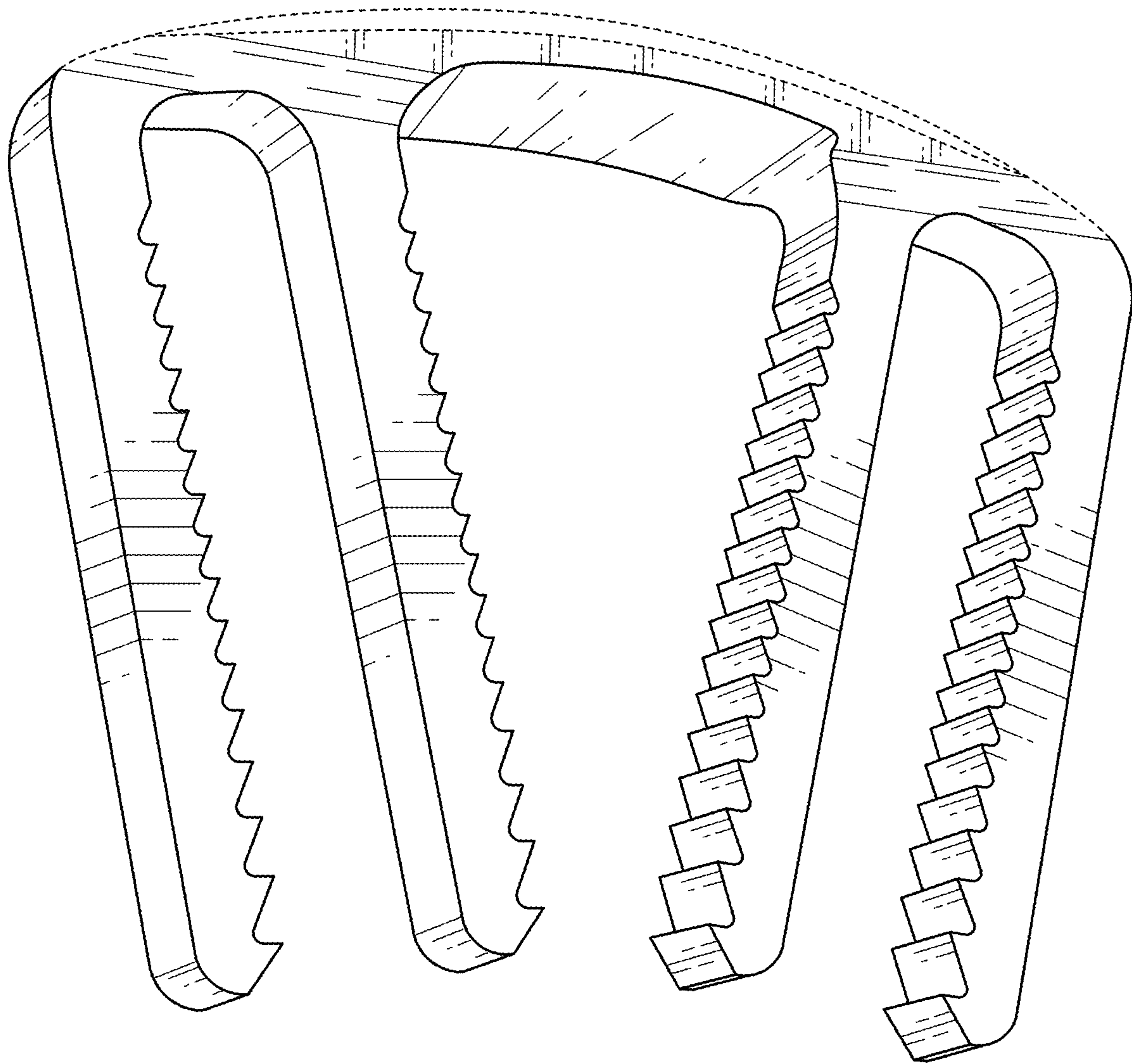


FIG. 2

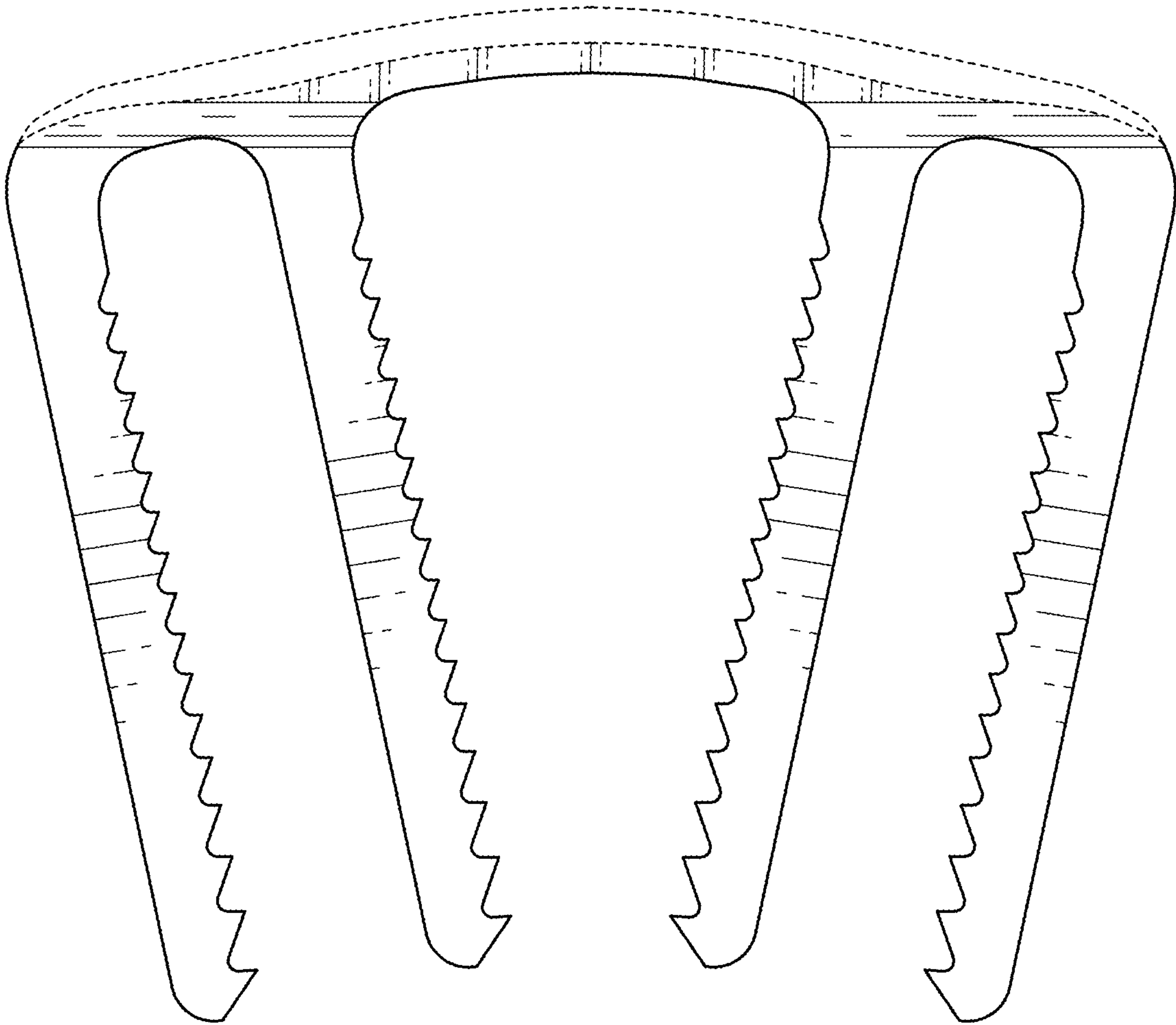


FIG. 3

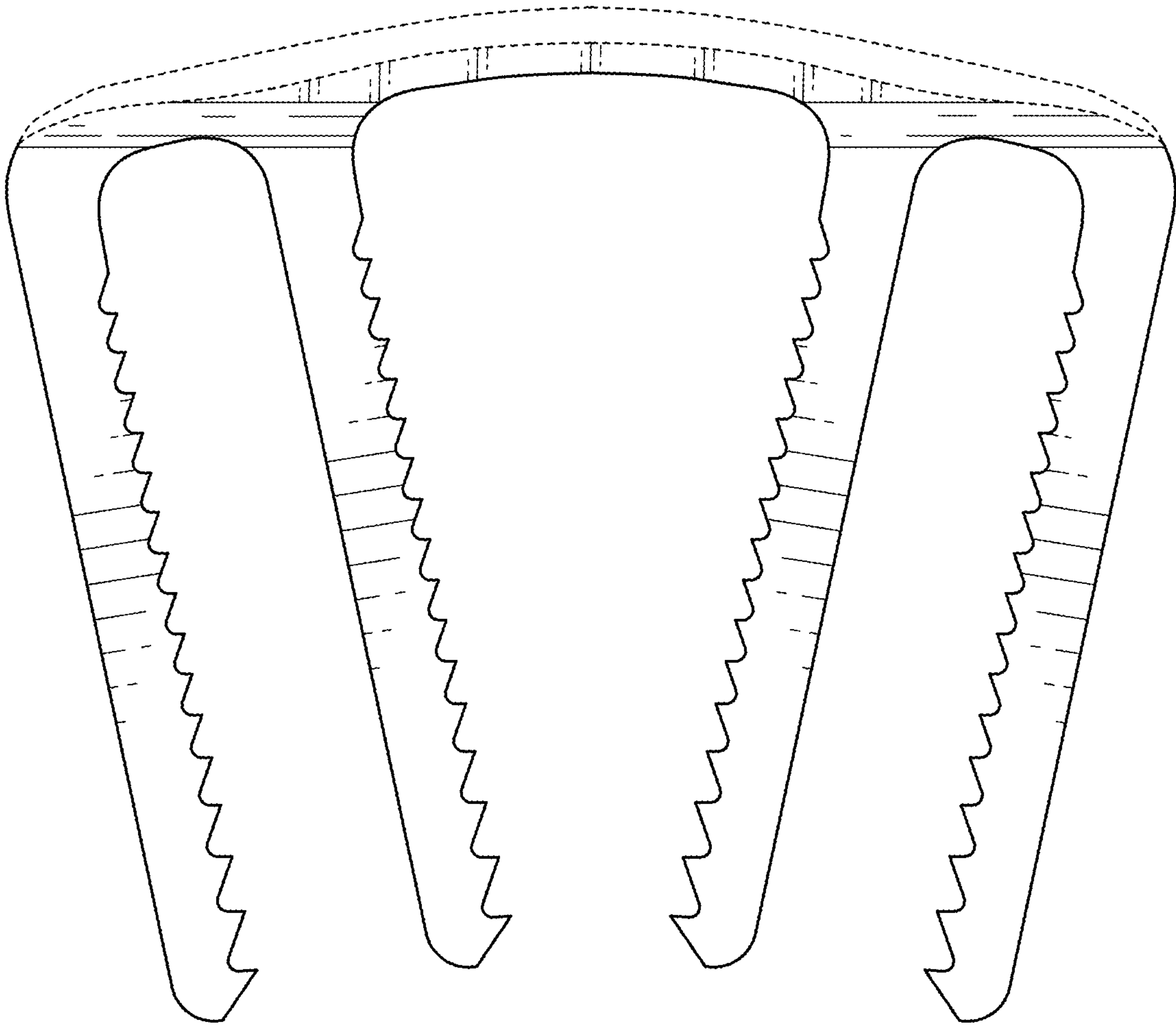


FIG. 4

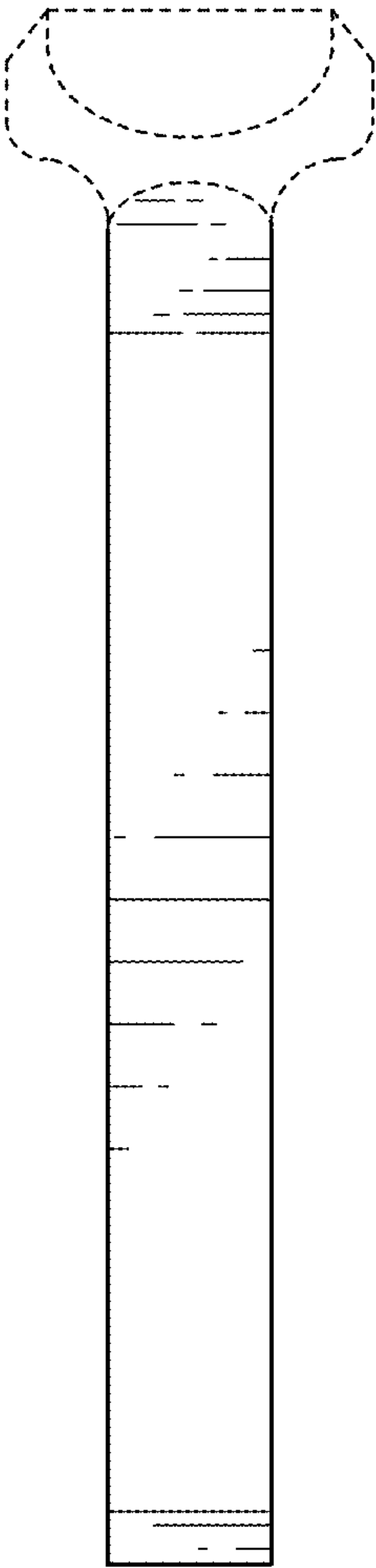


FIG. 5

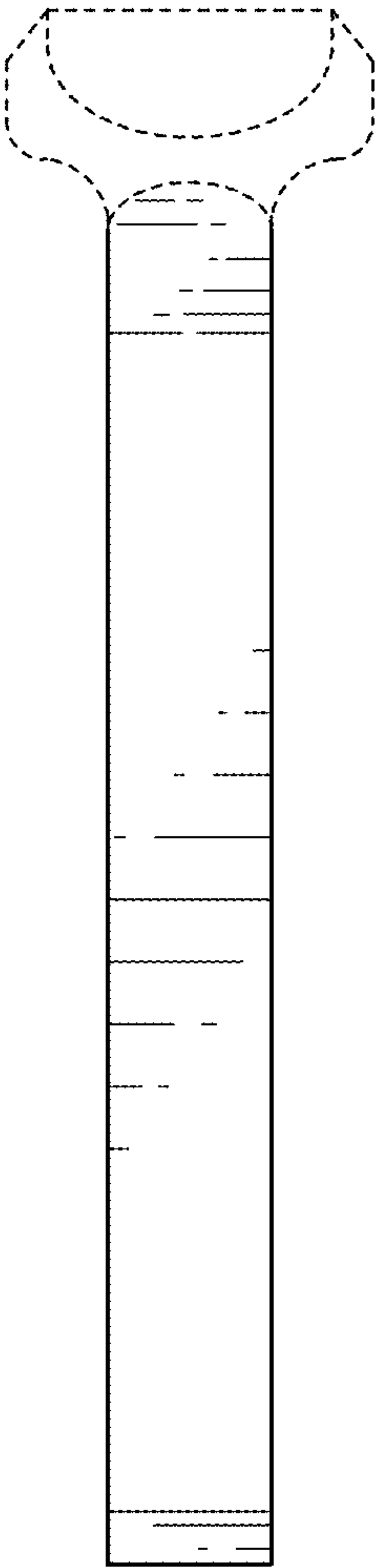


FIG. 6

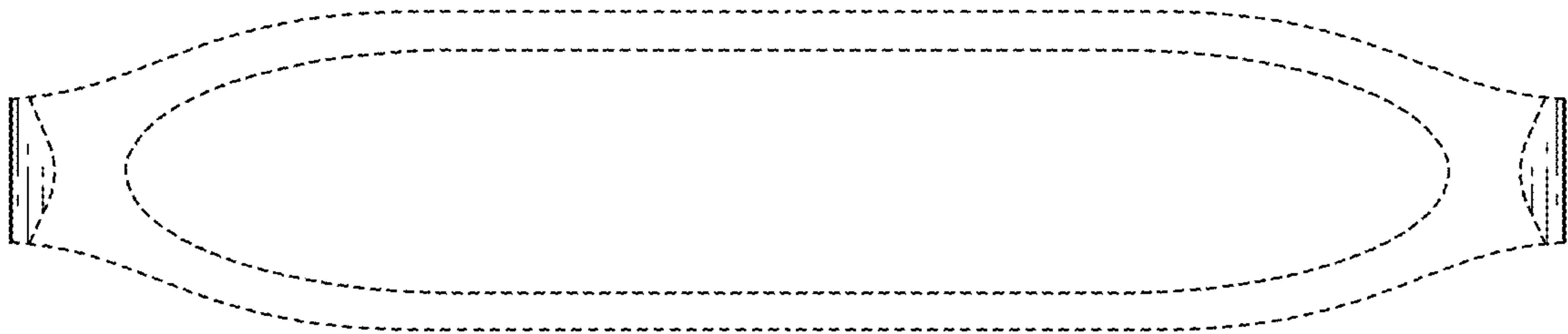


FIG. 7

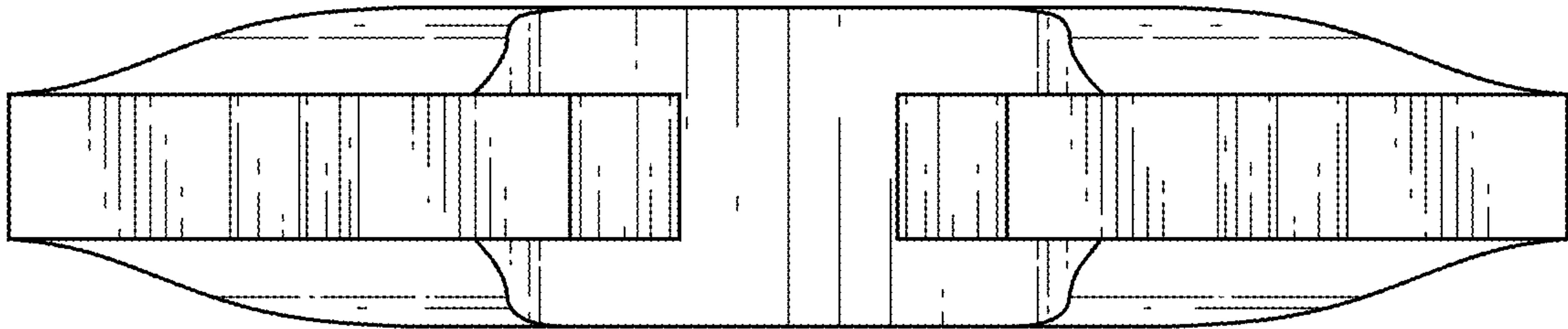


FIG. 8