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(12) **United States Design Patent**
Keith et al.

(10) **Patent No.:** **US D856,121 S**

(45) **Date of Patent:** **** Aug. 13, 2019**

(54) **COMPOSITE ACTION TIE**

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(Continued)

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

Questions and Answers about System SC for Structurally Compos-
ite Concrete Sandwich Walls. Boone: Thermomass System SC,
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(Continued)

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(51) **LOC (12) Cl.** **08-08**

Primary Examiner — Sandra S Snapp

(52) **U.S. Cl.**

Assistant Examiner — Ieisha N Price

USPC **D8/384**; D8/389; D25/199

(74) *Attorney, Agent, or Firm* — Workman Nydegger

(58) **Field of Classification Search**

(57)

CLAIM

USPC D8/354, 349, 382, 384, 385, 388, 389,
D8/390; D24/145; D25/199

The ornamental design for a composite action tie, as shown
and described.

CPC B28B 19/003; B28B 23/005; E04B 1/41;
E04B 2/8635; E04C 2002/046; E04C
2002/045; E04C 2/2885; E04C 2/044;

DESCRIPTION

E04C 2/46; E04C 2/288; E04C 5/168;

FIG. 1 is a perspective view showing a composite action tie
according to the present invention.

E04C 5/20; E04C 2002/047; F27D 1/141;
F27D 1/142; F27D 1/144

FIG. 2 is a front view of the composite action tie of FIG. 1,
the rear view being identical.

See application file for complete search history.

FIG. 3 is first side view of the composite action tie of FIG.
1.

(56) **References Cited**

FIG. 4 is an opposite side view of the composite action tie
of FIG. 1.

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FIG. 5 is a top view of the composite action tie of FIG. 1;
and,

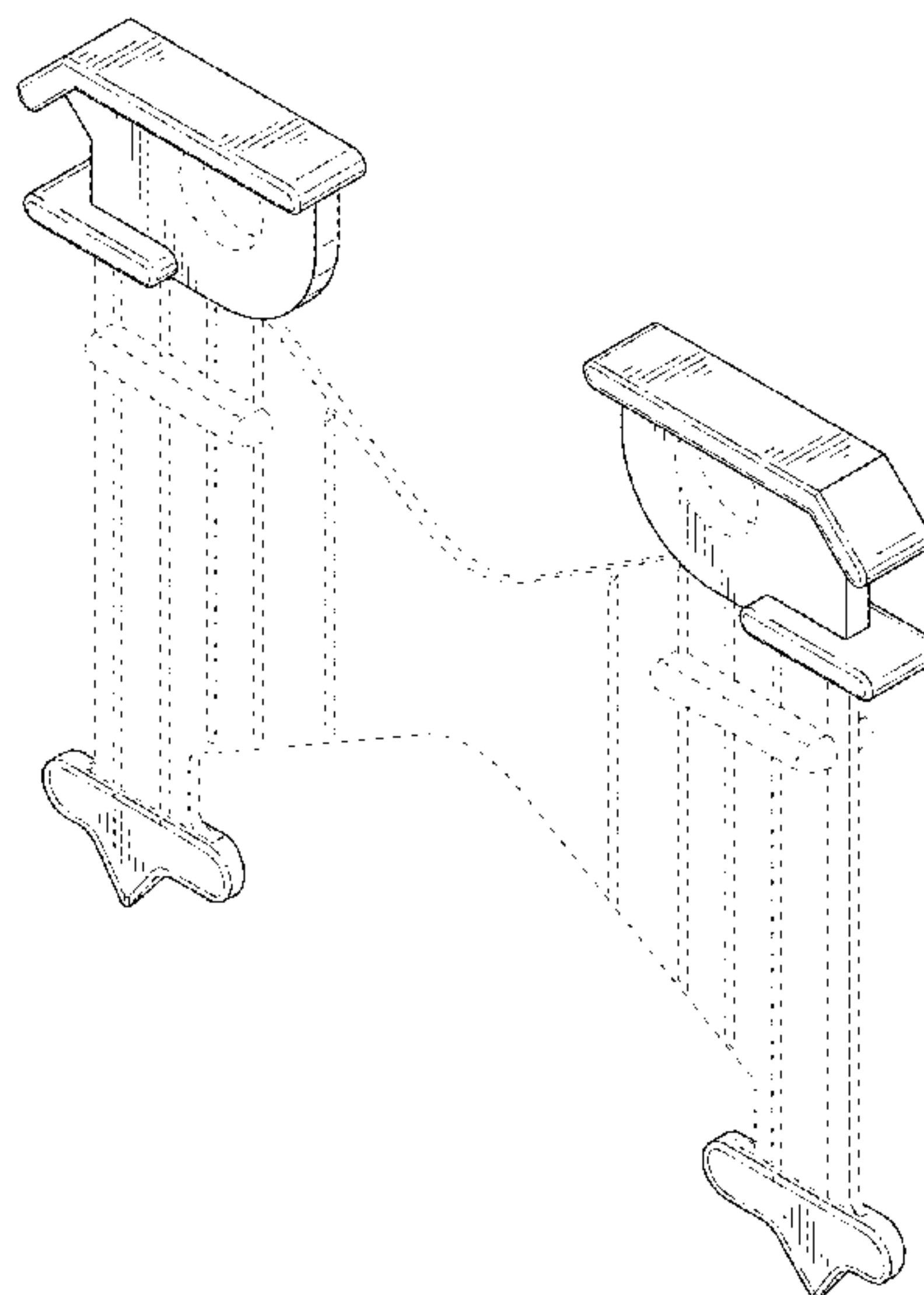
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FIG. 6 is a bottom view of the composite action tie of FIG.
1.

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The broken lines in the drawings illustrate portions of the
composite action tie and form no part of the claimed design.

1 Claim, 2 Drawing Sheets



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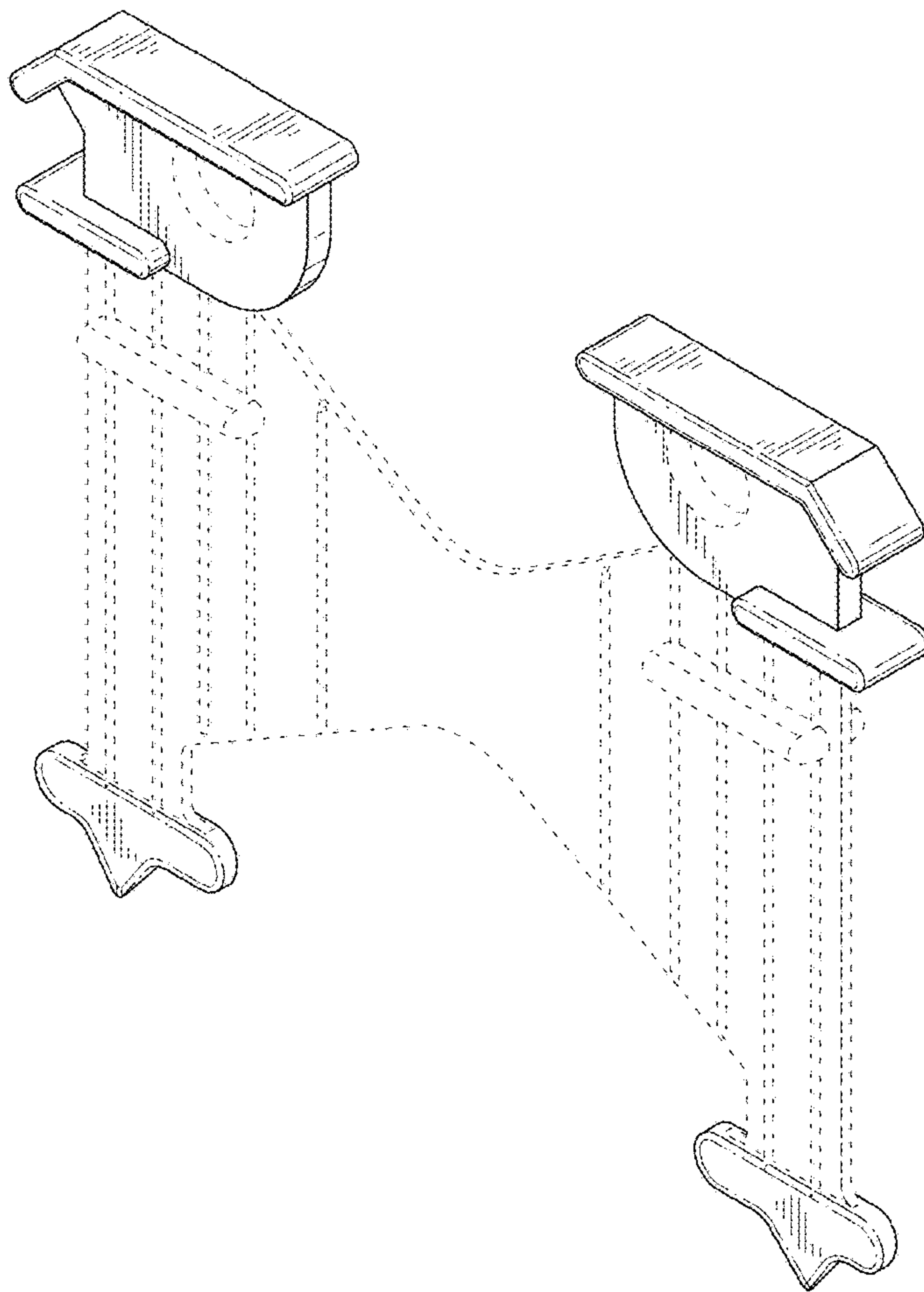


FIG. 1

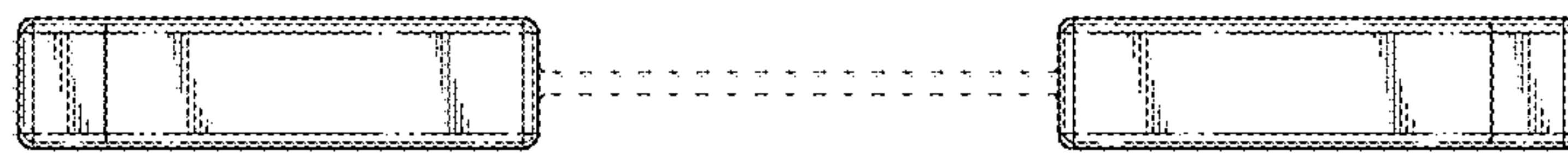


FIG. 5

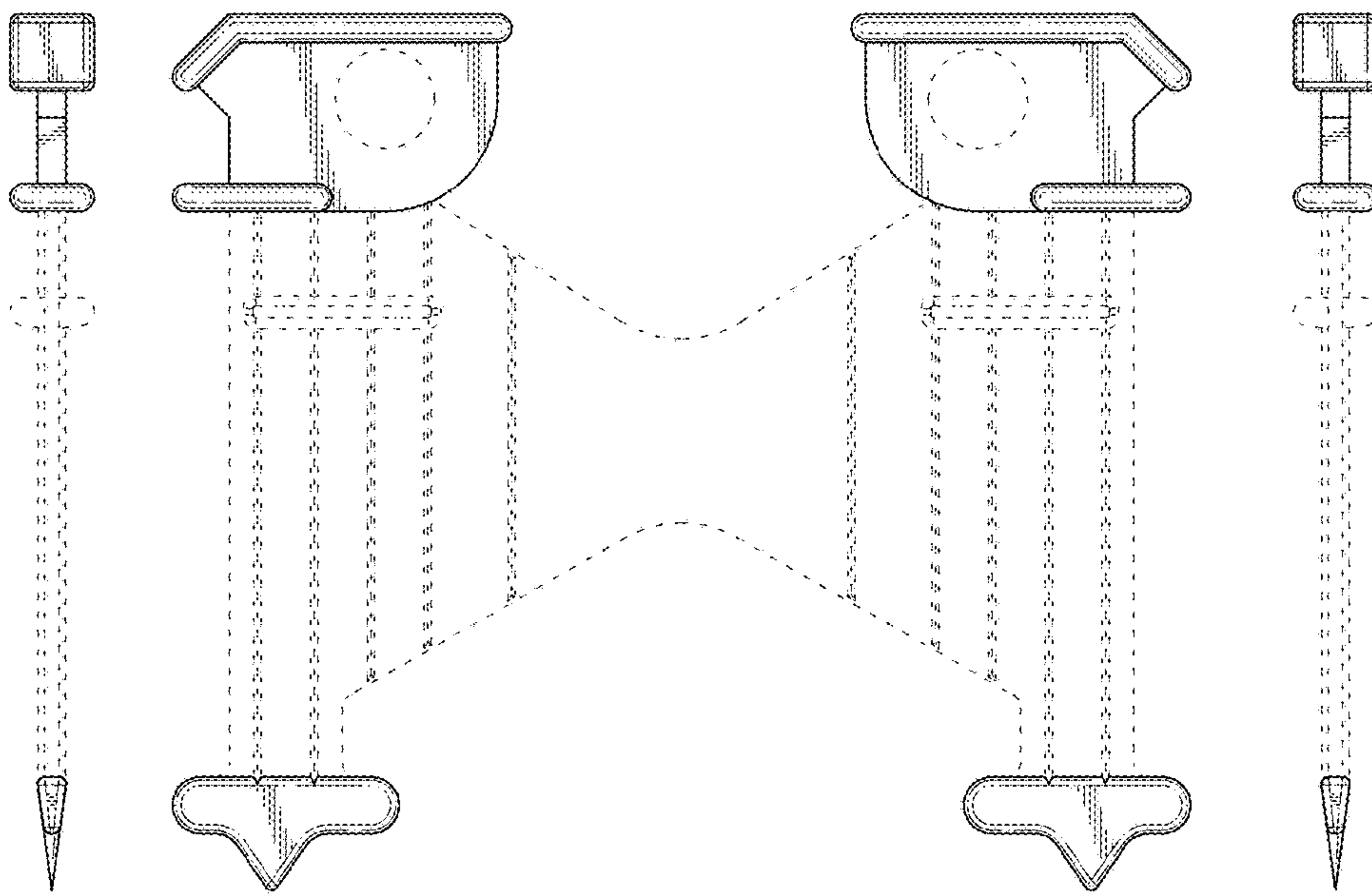


FIG. 3

FIG. 2

FIG. 4

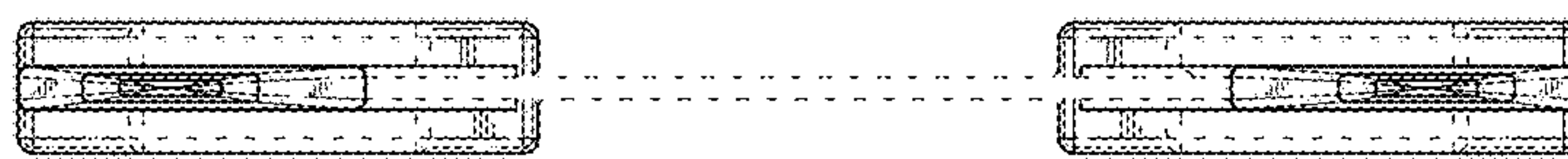


FIG. 6