



US00D659643S

(12) **United States Design Patent**
Ohkuma

(10) **Patent No.:** **US D659,643 S**
(45) **Date of Patent:** **** May 15, 2012**

(54) **ELECTRICAL CONNECTOR**

(75) Inventor: **Yoshihito Ohkuma**, Kanagawa (JP)
(73) Assignee: **Iriso Electronics Co., Ltd.**, Kanagawa (JP)

(**) Term: **14 Years**

(21) Appl. No.: **29/375,878**

(22) Filed: **Sep. 29, 2010**

(30) **Foreign Application Priority Data**

Apr. 8, 2010 (JP) 2010-008963

(51) **LOC (9) Cl.** **13-03**

(52) **U.S. Cl.** **D13/147**

(58) **Field of Classification Search** D13/120,
D13/133, 146, 147, 154, 184, 199; 439/180,
439/246, 278, 374, 379, 381, 476.1, 527,
439/529, 533, 607.01, 607.04, 607.23, 607.24,
439/607.25, 607.35, 607.36, 607.37, 607.38,
439/607.39, 607.4, 607.55, 607.56, 607.57,
439/607.58

See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D419,522 S * 1/2000 Kamagai D13/120
D472,879 S * 4/2003 Ouchi et al. D13/147
D473,192 S * 4/2003 Ouchi et al. D13/147
D571,725 S * 6/2008 Hung et al. D13/120
D592,135 S * 5/2009 Hung D13/120

D613,688 S * 4/2010 Yang et al. D13/120
D613,689 S * 4/2010 Yang et al. D13/120
D614,569 S * 4/2010 Yang D13/120
D618,172 S * 6/2010 Yang D13/120
D641,700 S * 7/2011 Ohkuma D13/133
D641,701 S * 7/2011 Ohkuma D13/133

FOREIGN PATENT DOCUMENTS

JP D1378884 12/2009

* cited by examiner

Primary Examiner — Daniel Bui

(74) *Attorney, Agent, or Firm* — Lowe Hauptman Ham & Berner, LLP

(57) **CLAIM**

The new, original and ornamental design for an electrical connector, as shown.

DESCRIPTION

FIG. 1 is a front view of the electrical connector, showing my new design;

FIG. 2 is a rear view thereof;

FIG. 3 is a top plan view thereof;

FIG. 4 is a bottom plan view thereof;

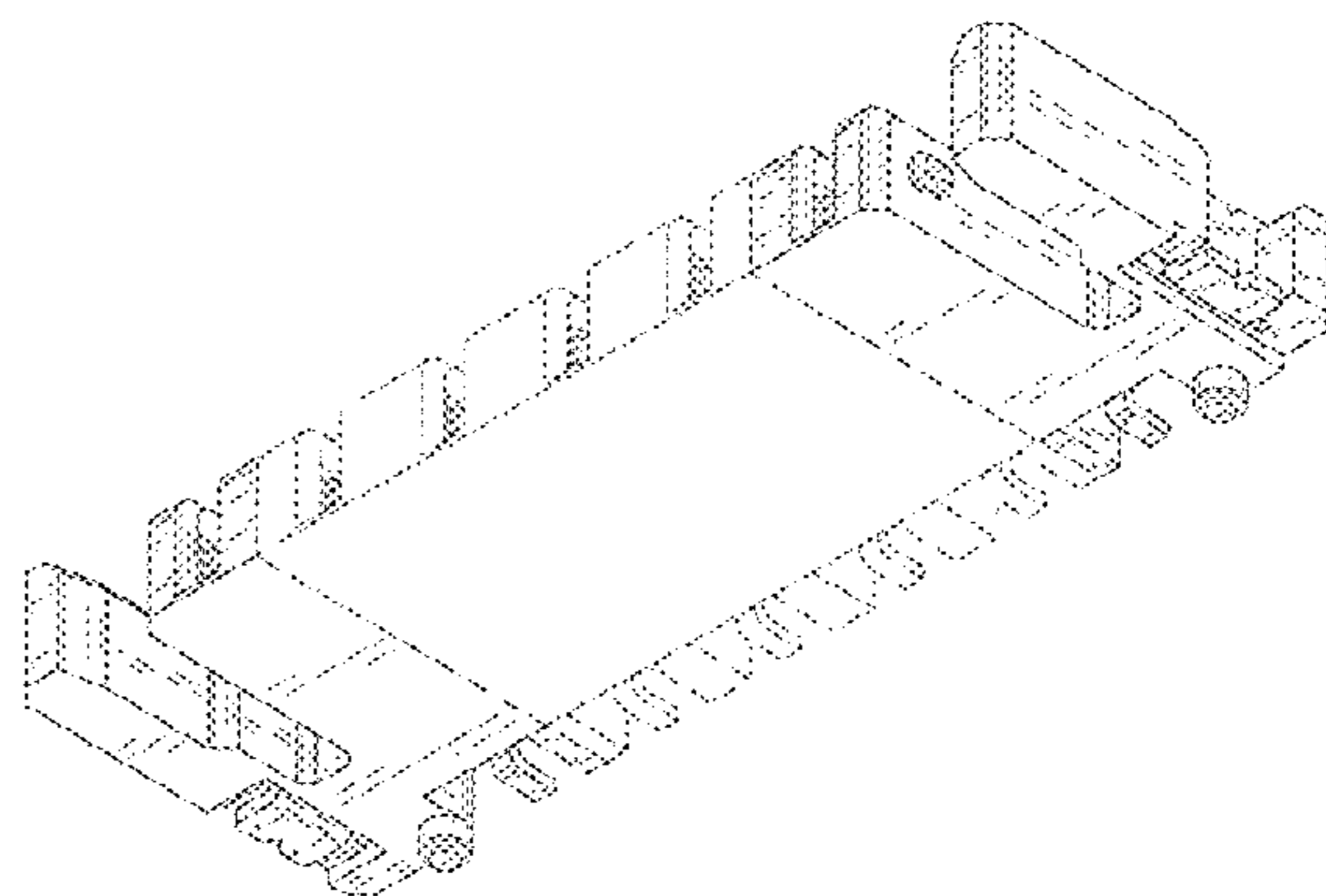
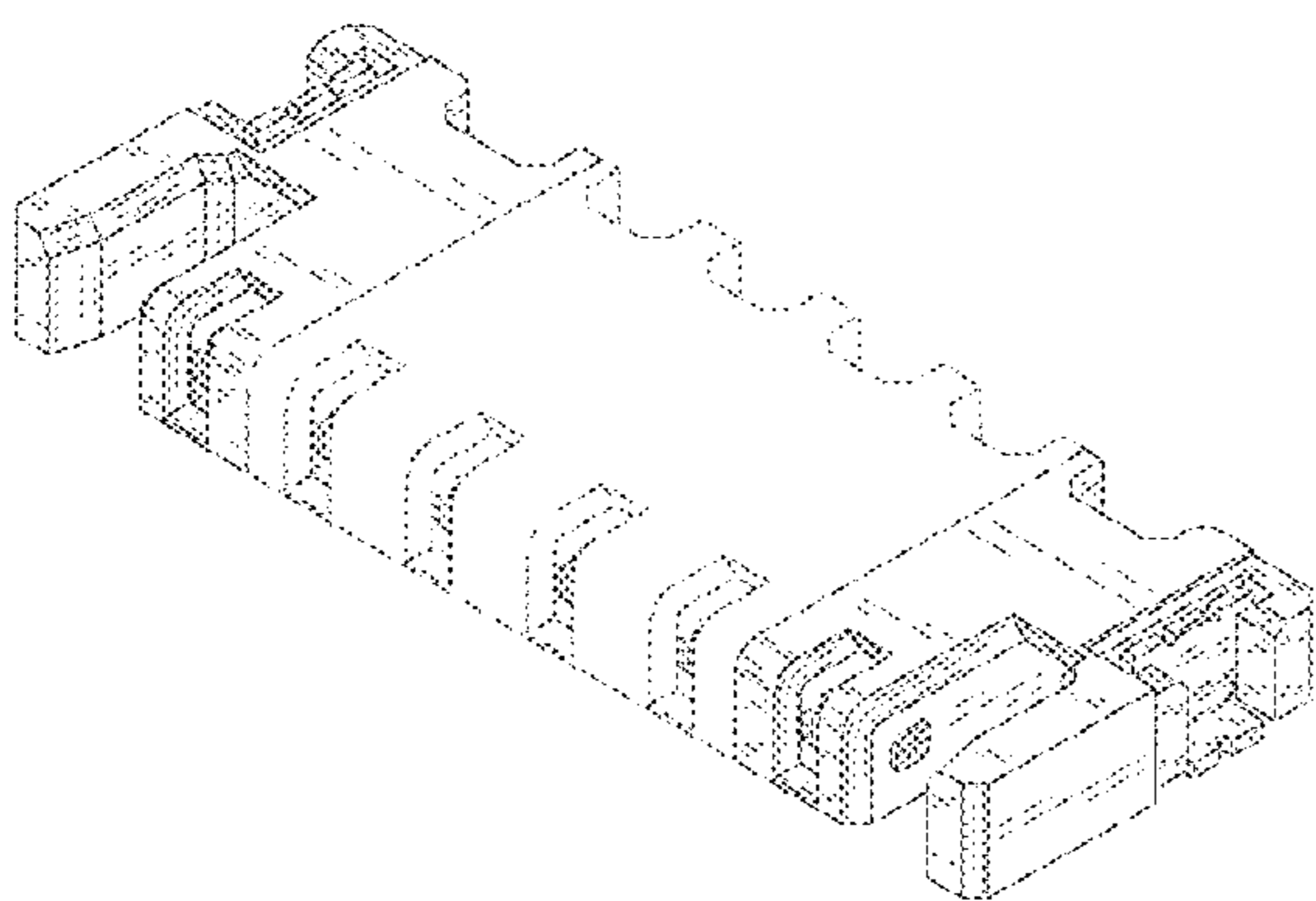
FIG. 5 is a left side view thereof, the right side view being a mirror image thereof;

FIG. 6 is a top side perspective view thereof; and,

FIG. 7 is a bottom side perspective view thereof.

In the figure drawings, the even-broken line shown in the figure drawings is included for the purpose of illustrating environment and forms no part of the claimed design. The dash-dot-dot line represents the boundary line of the claimed design.

1 Claim, 7 Drawing Sheets



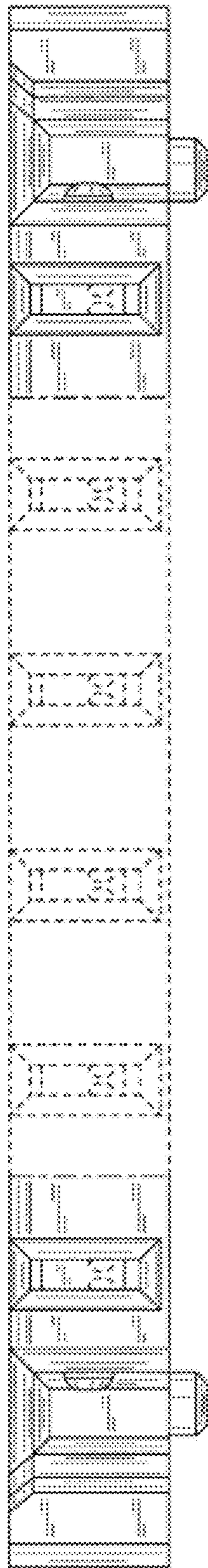


FIG. 1

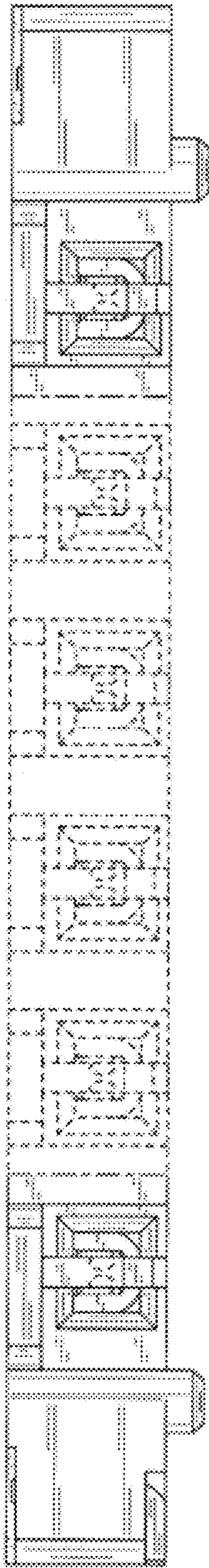


FIG. 2

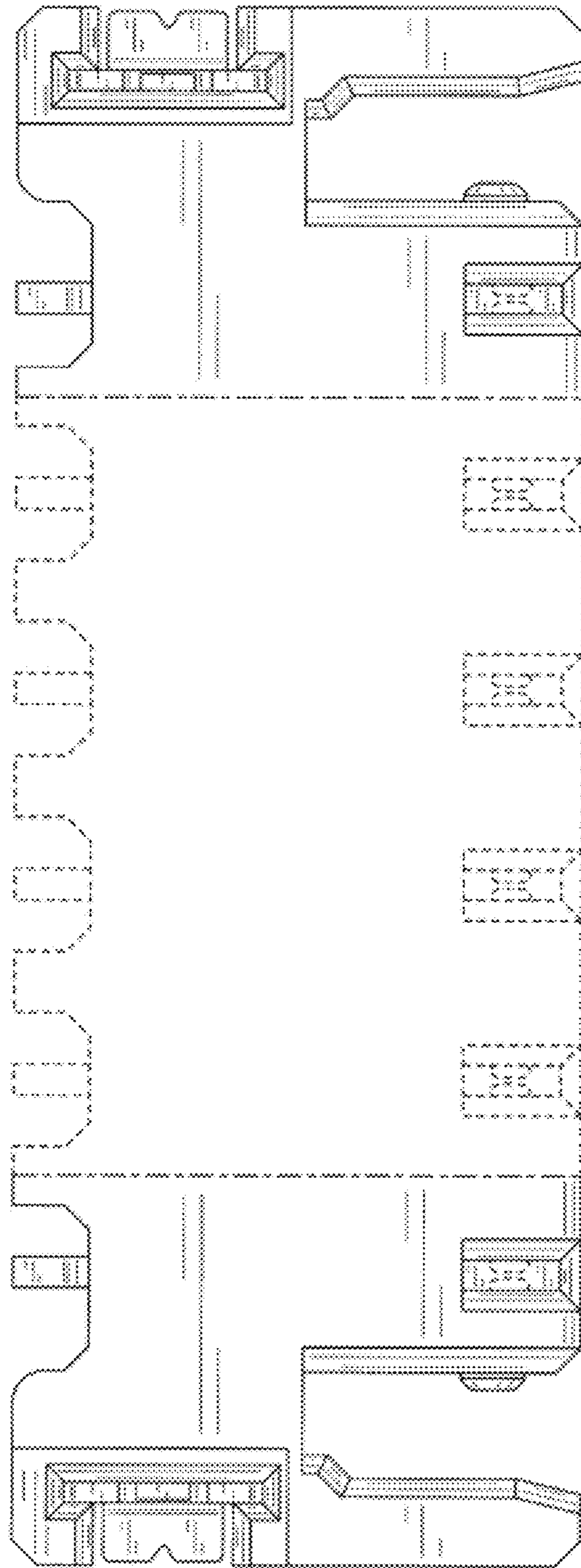


FIG. 3

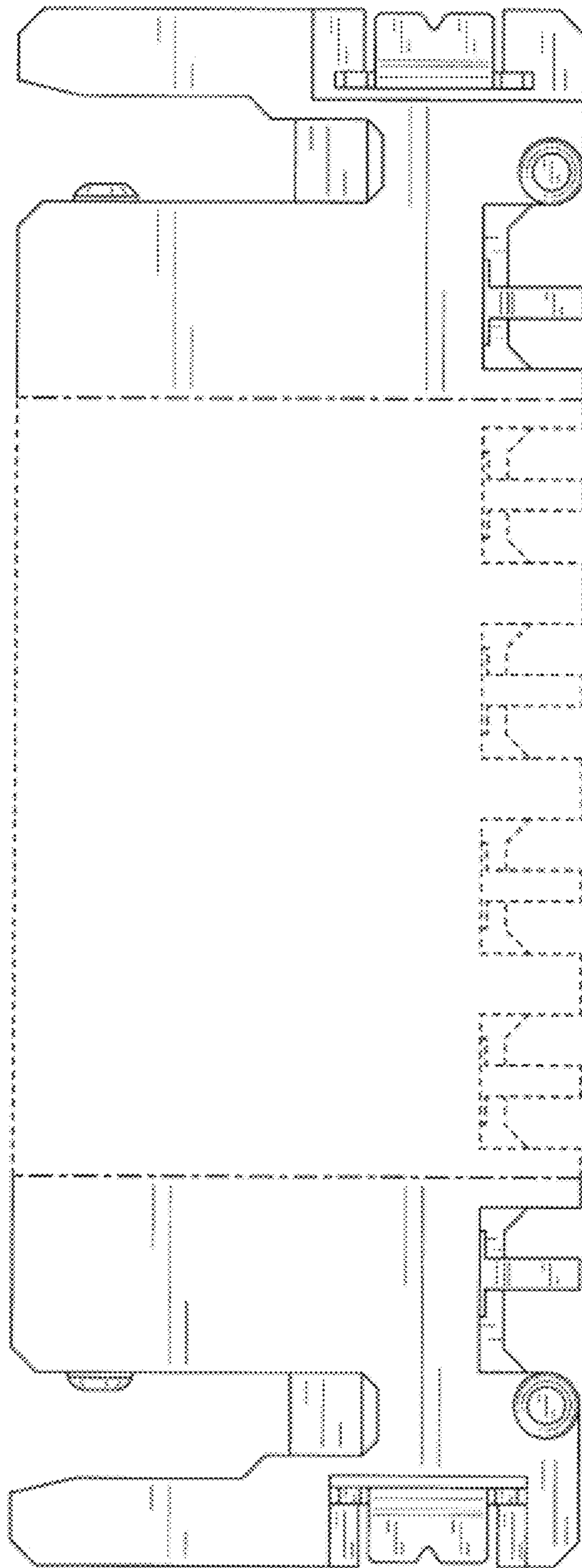


FIG. 4

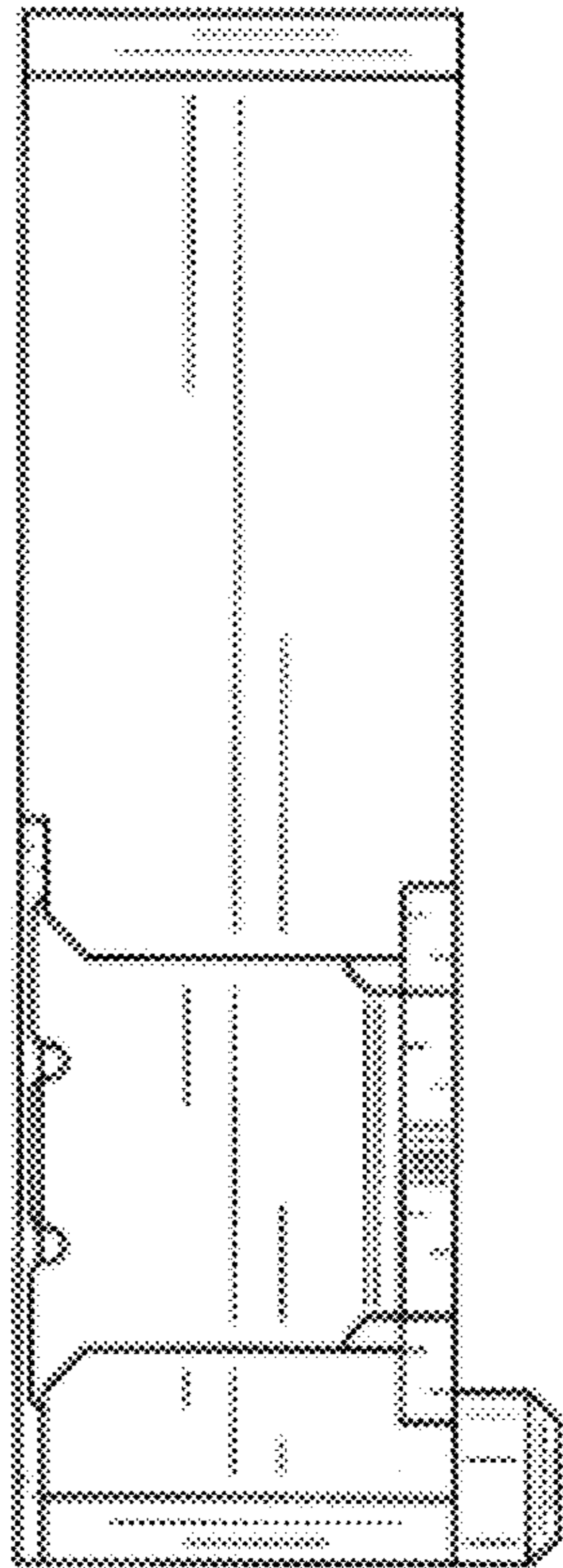


FIG. 5

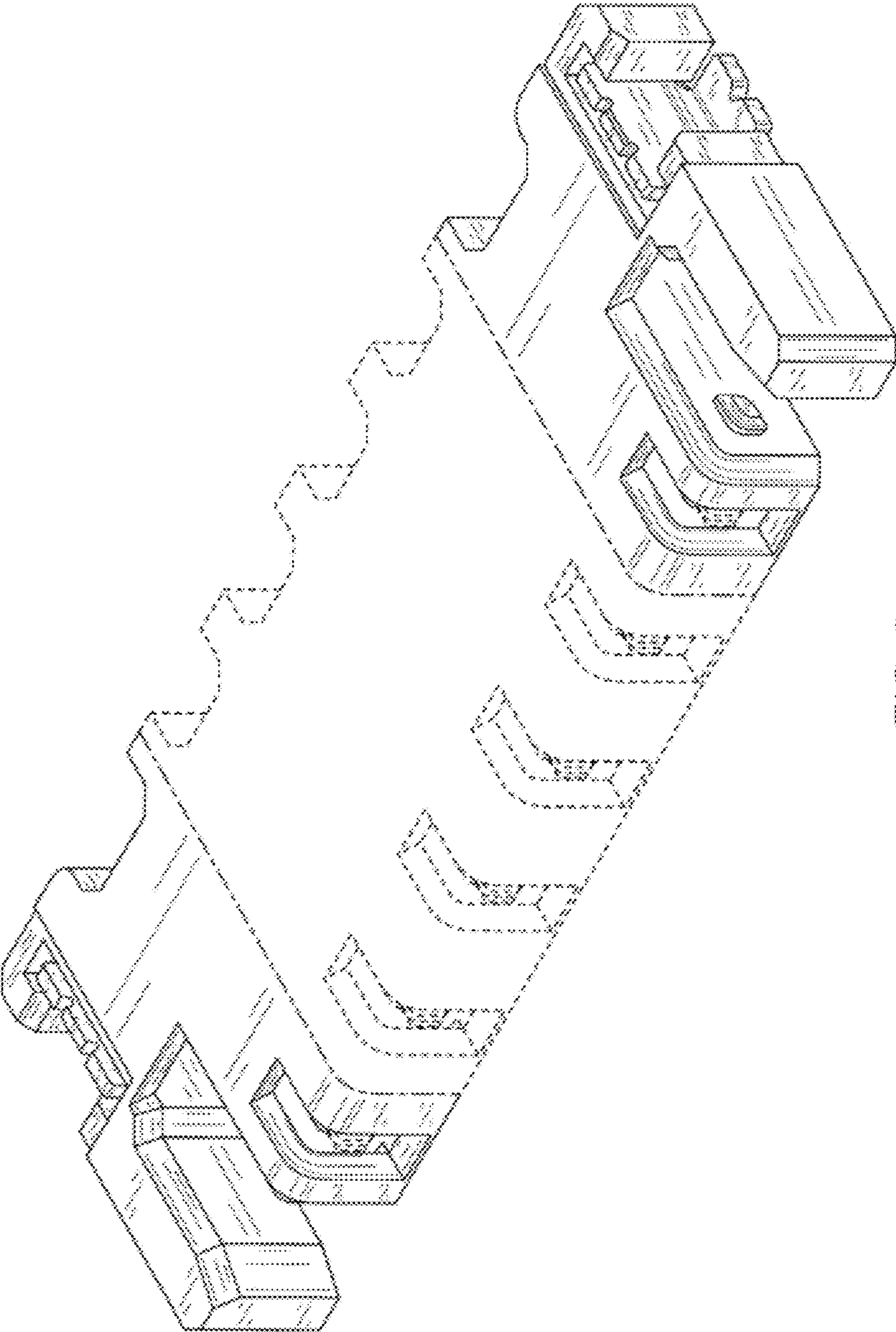


FIG. 6

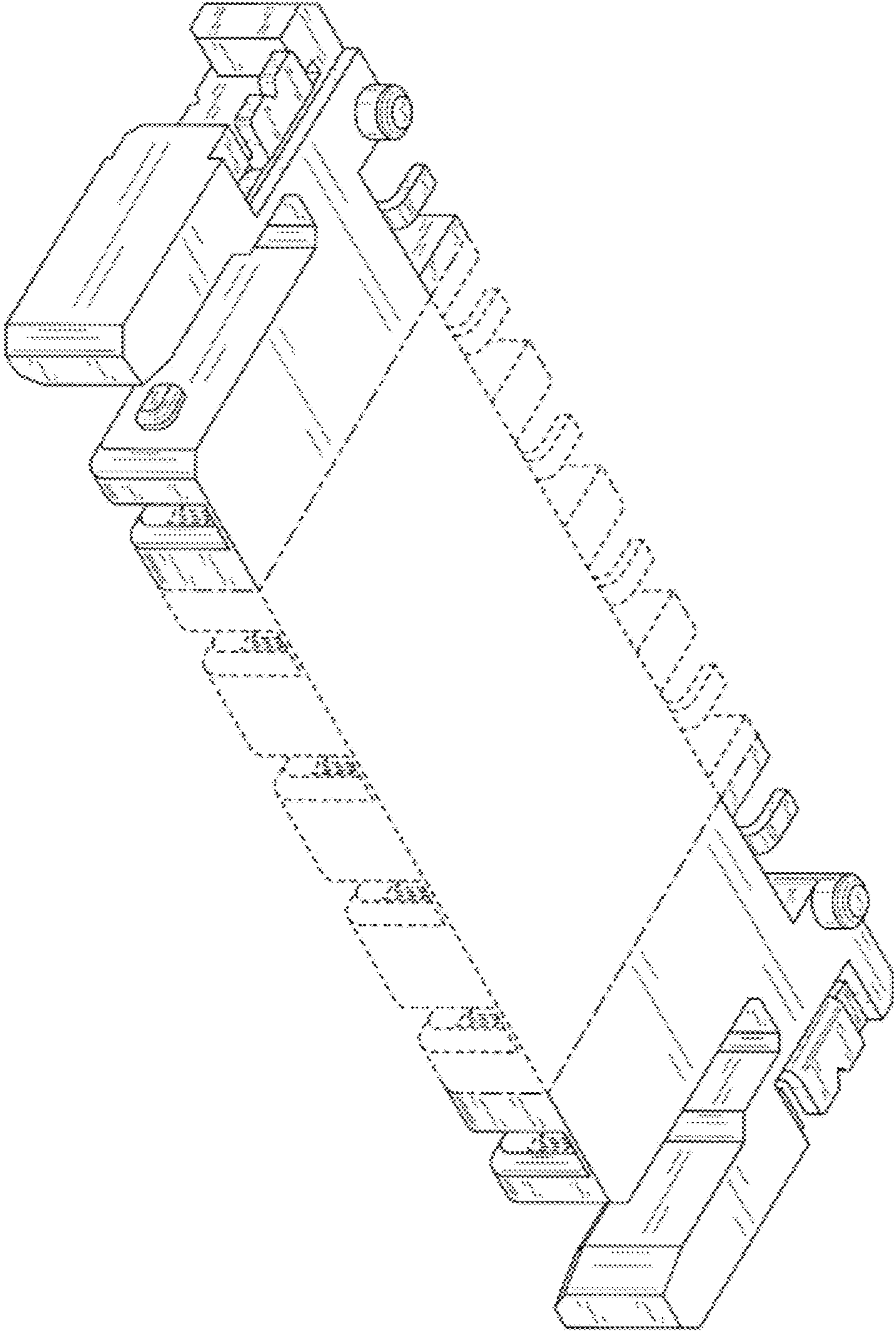


FIG. 7

UNITED STATES PATENT AND TRADEMARK OFFICE
CERTIFICATE OF CORRECTION

PATENT NO. : D659,643 S
APPLICATION NO. : 29/375878
DATED : May 15, 2012
INVENTOR(S) : Ohkuma

Page 1 of 9

It is certified that error appears in the above-identified patent and that said Letters Patent is hereby corrected as shown below:

Please delete the title page and insert the title page showing an illustrative figure as attached.

In the Drawings

Please Delete drawing sheets 1-7 and insert drawing sheets 1-7 with figures 1-7 as attached.

Signed and Sealed this
Twenty-eighth Day of May, 2013



Teresa Stanek Rea
Acting Director of the United States Patent and Trademark Office

(12) **United States Design Patent**
Ohkuma

(10) Patent No.: **US D659,643 S**
(45) Date of Patent: **** May 15, 2012**

(54) **ELECTRICAL CONNECTOR**
(75) Inventor: **Yoshihito Ohkuma, Kanagawa (JP)**
(73) Assignee: **Iriso Electronics Co., Ltd., Kanagawa (JP)**
(**) Term: **14 Years**
(21) Appl. No.: **29/375,878**
(22) Filed: **Sep. 29, 2010**

(30) **Foreign Application Priority Data**
Apr. 8, 2010 (JP) 2010-008963
(51) **LOC (9) Cl.** **13-03**
(52) **U.S. Cl.** **D13/147**
(58) **Field of Classification Search** D13/120,
D13/133, 146, 147, 154, 184, 199; 439/180,
439/246, 278, 374, 379, 381, 476.1, 527,
439/529, 533, 607.01, 607.04, 607.23, 607.24,
439/607.25, 607.35, 607.36, 607.37, 607.38,
439/607.39, 607.4, 607.55, 607.56, 607.57,
439/607.58

See application file for complete search history.

(56) **References Cited**
U.S. PATENT DOCUMENTS
D419,522 S * 1/2000 Kamagai D13/120
D472,879 S * 4/2003 Ouchi et al. D13/147
D473,192 S * 4/2003 Ouchi et al. D13/147
D571,725 S * 6/2008 Hung et al. D13/120
D592,135 S * 5/2009 Hung D13/120

D613,688 S * 4/2010 Yang et al. D13/120
D613,689 S * 4/2010 Yang et al. D13/120
D614,569 S * 4/2010 Yang D13/120
D618,172 S * 6/2010 Yang D13/120
D641,700 S * 7/2011 Ohkuma D13/133
D641,701 S * 7/2011 Ohkuma D13/133

FOREIGN PATENT DOCUMENTS

JP D1378884 12/2009
* cited by examiner

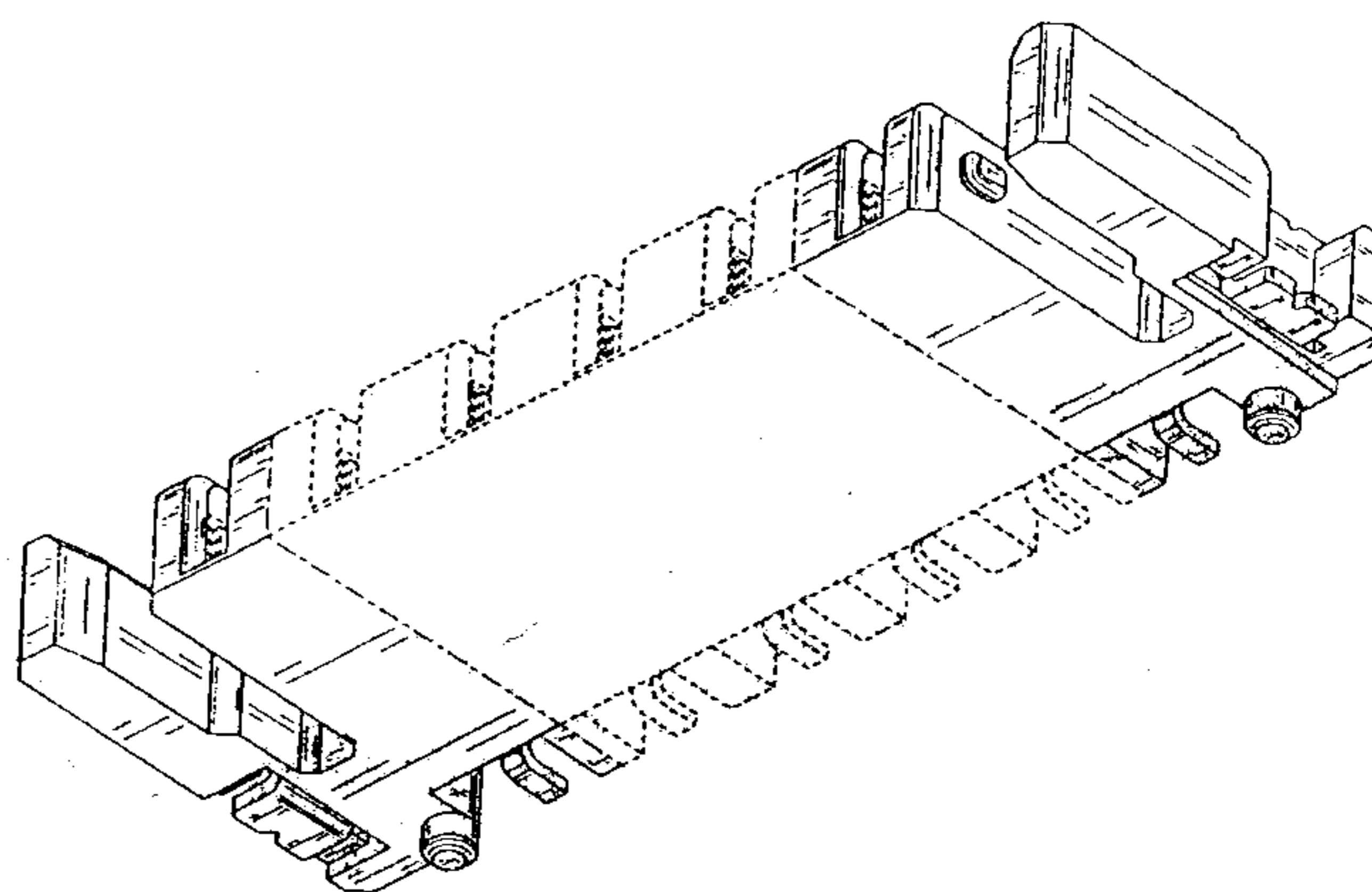
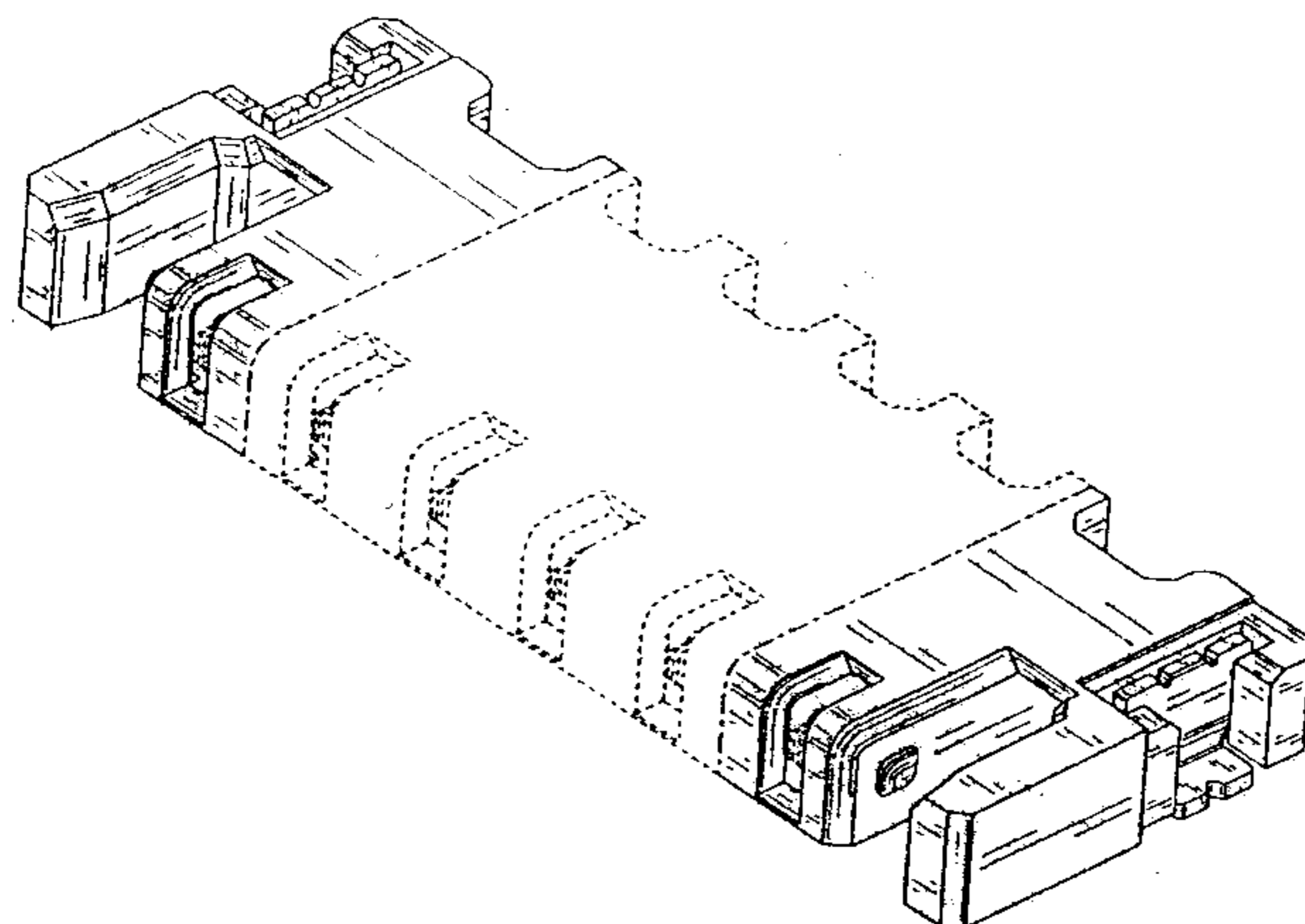
Primary Examiner — Daniel Bui
(74) *Attorney, Agent, or Firm* — Lowe Hauptman Ham & Berner, LLP

(57) **CLAIM**
The new, original and ornamental design for an electrical connector, as shown.

DESCRIPTION

FIG. 1 is a front view of the electrical connector, showing my new design;
FIG. 2 is a rear view thereof;
FIG. 3 is a top plan view thereof;
FIG. 4 is a bottom plan view thereof;
FIG. 5 is a left side view thereof, the right side view being a mirror image thereof;
FIG. 6 is a top side perspective view thereof; and,
FIG. 7 is a bottom side perspective view thereof.
In the figure drawings, the even-broken line shown in the figure drawings is included for the purpose of illustrating environment and forms no part of the claimed design. The dash-dot-dot line represents the boundary line of the claimed design.

1 Claim, 7 Drawing Sheets



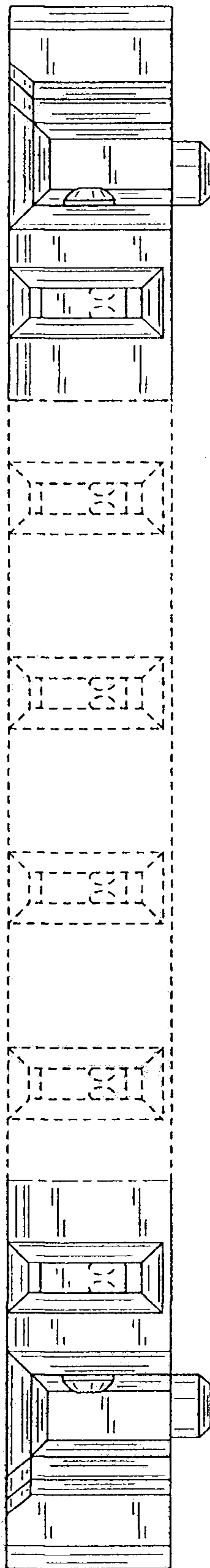


FIG. 1

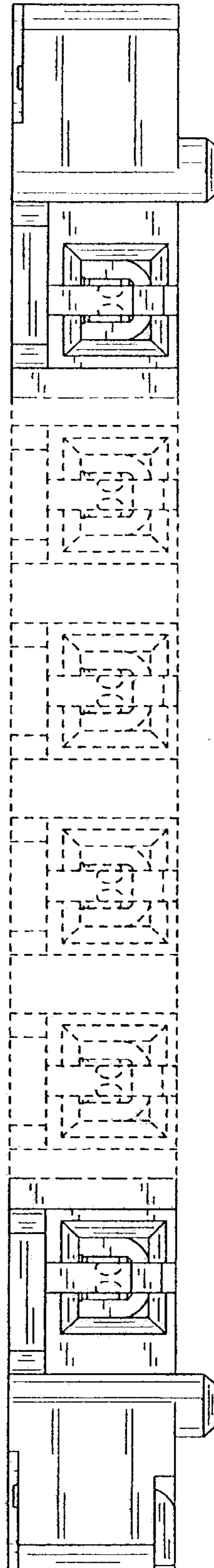


FIG. 2

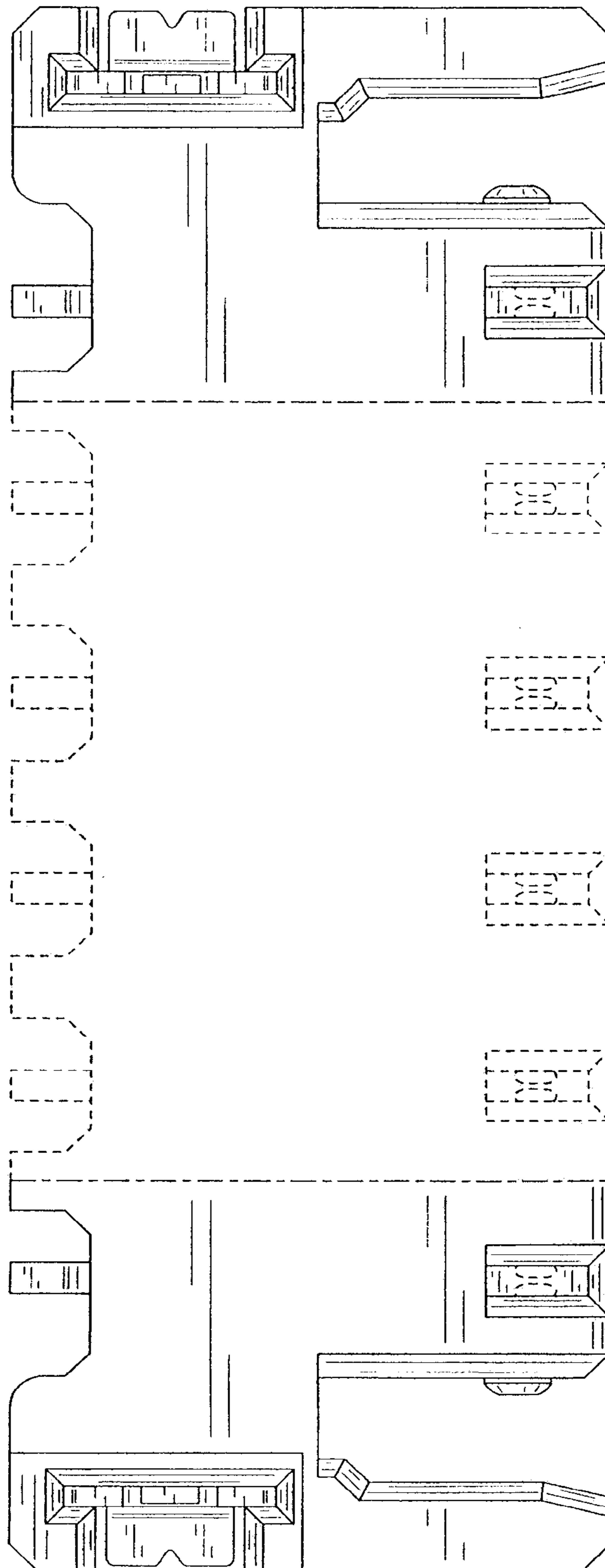


FIG. 3

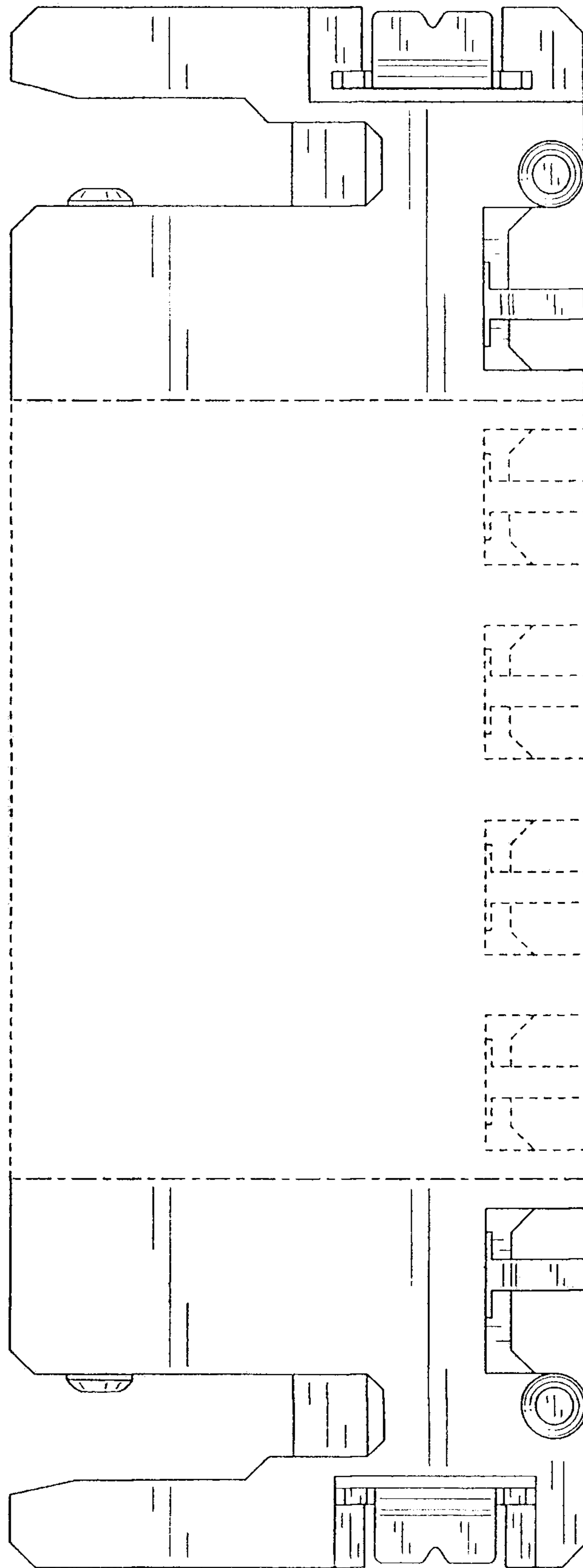


FIG. 4

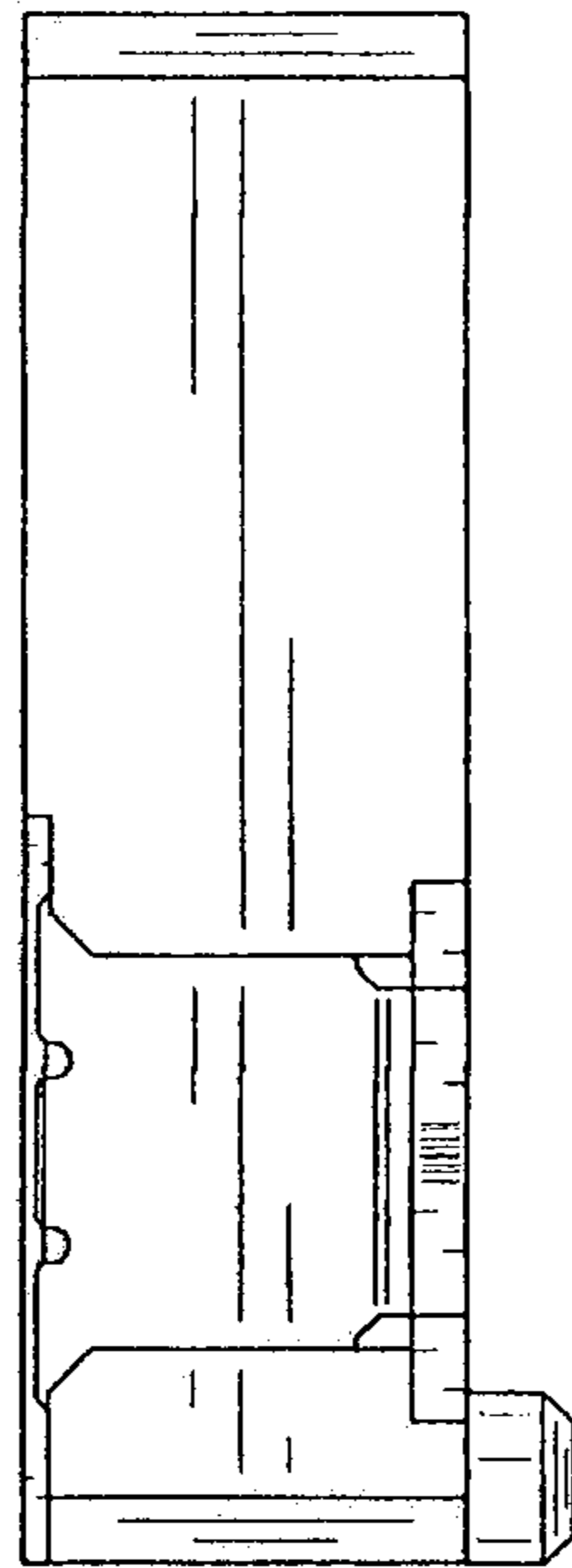


FIG. 5

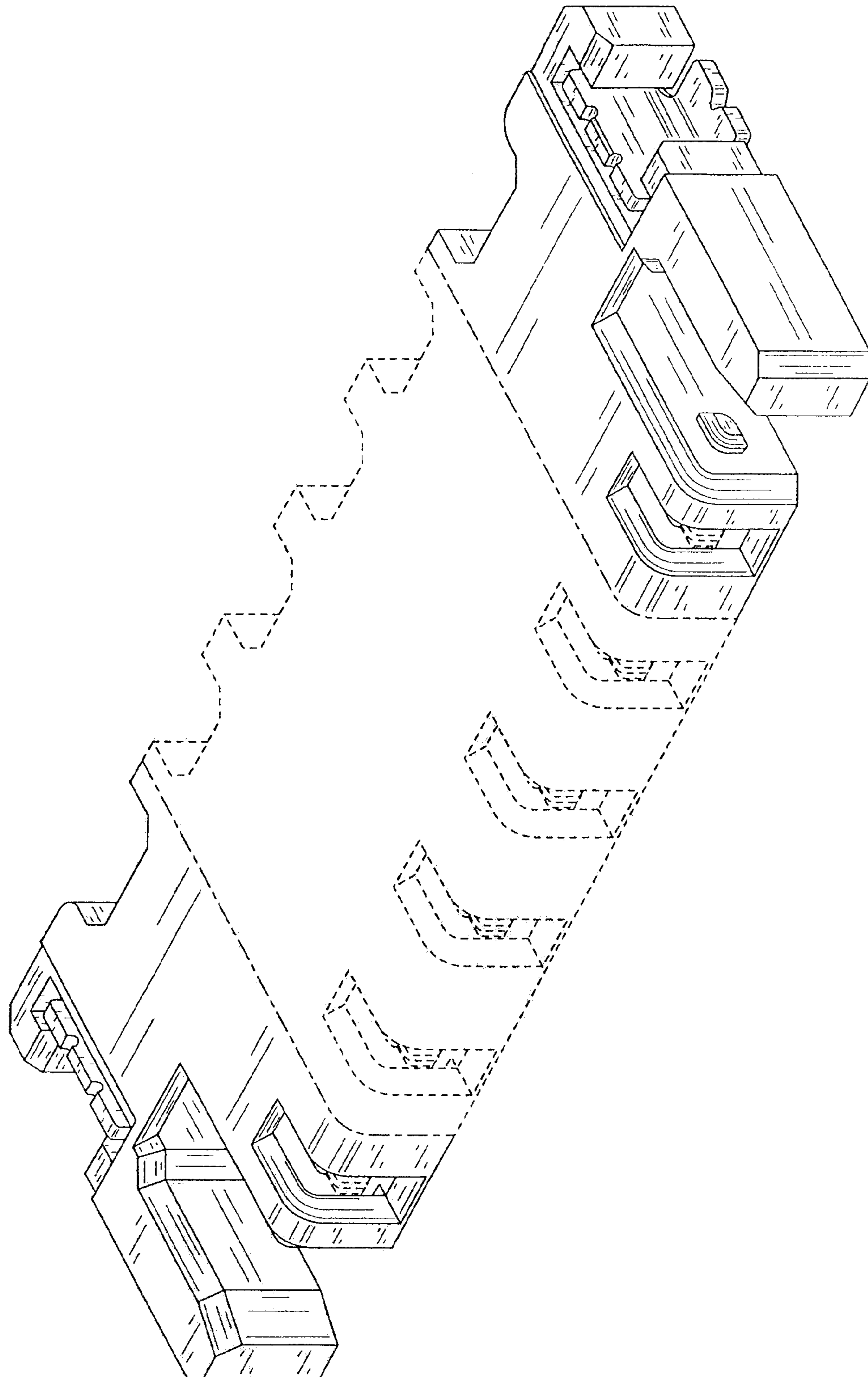


FIG. 6

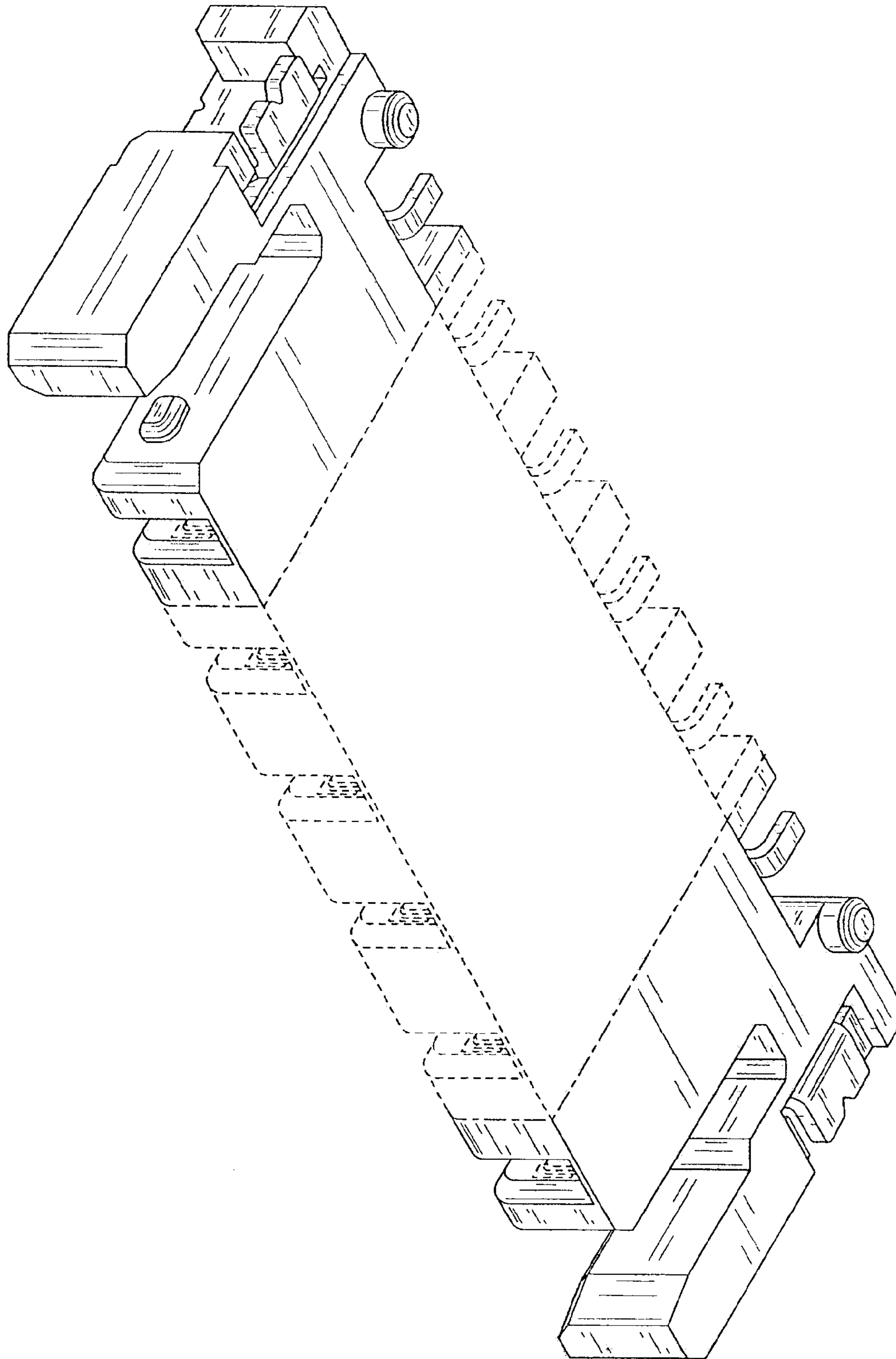


FIG. 7