



US00D641321S

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

(10) **Patent No.:** **US D641,321 S**  
(45) **Date of Patent:** **\*\* \*Jul. 12, 2011**

(54) **ELECTRICAL CARD-EDGE CONNECTOR**

(75) **Inventor:** **Hung Viet Ngo**, Harrisburg, PA (US)

(73) **Assignee:** **FCI Americas Technology LLC**,  
Carson City, NV (US)

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

(21) **Appl. No.:** **29/363,270**

(22) **Filed:** **Jun. 7, 2010**

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

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

(58) **Field of Classification Search** ..... D13/147,  
D13/154, 184, 199; 439/78-79, 108, 564,  
439/573, 607.01, 607.04, 607.05, 607, 17,  
439/607.25, 607.34, 607.41, 607.53, 650,  
439/677, 660, 668, 680, 686, 892, 894

See application file for complete search history.

(56) **References Cited**

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**OTHER PUBLICATIONS**

U.S. Appl. No. 12/687,237, filed Jan. 14, 2010, Ngo.  
U.S. Appl. No. 61/205,276, filed Jan. 16, 2009, Ngo.

\* cited by examiner

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(74) *Attorney, Agent, or Firm* — Woodcock Washburn LLP

(57) **CLAIM**

The ornamental design for an electrical card-edge connector, as shown and described.

**DESCRIPTION**

This application is related by subject matter to U.S. Design patent application Ser. No. 29/363,267 entitled “Electrical Card-Edge Connector” filed on even date herewith, and U.S. Design patent application Ser. No. 29/363,269 entitled “Electrical Card-Edge Connector” filed on even date herewith.

FIG. 1 is a bottom, left, front perspective view of an electrical card-edge connector according to my design;

FIG. 2 is a top, right, rear perspective view thereof;

FIG. 3 is a rear elevation view thereof;

FIG. 4 is a top plan view thereof;

FIG. 5 is a front elevation view thereof;

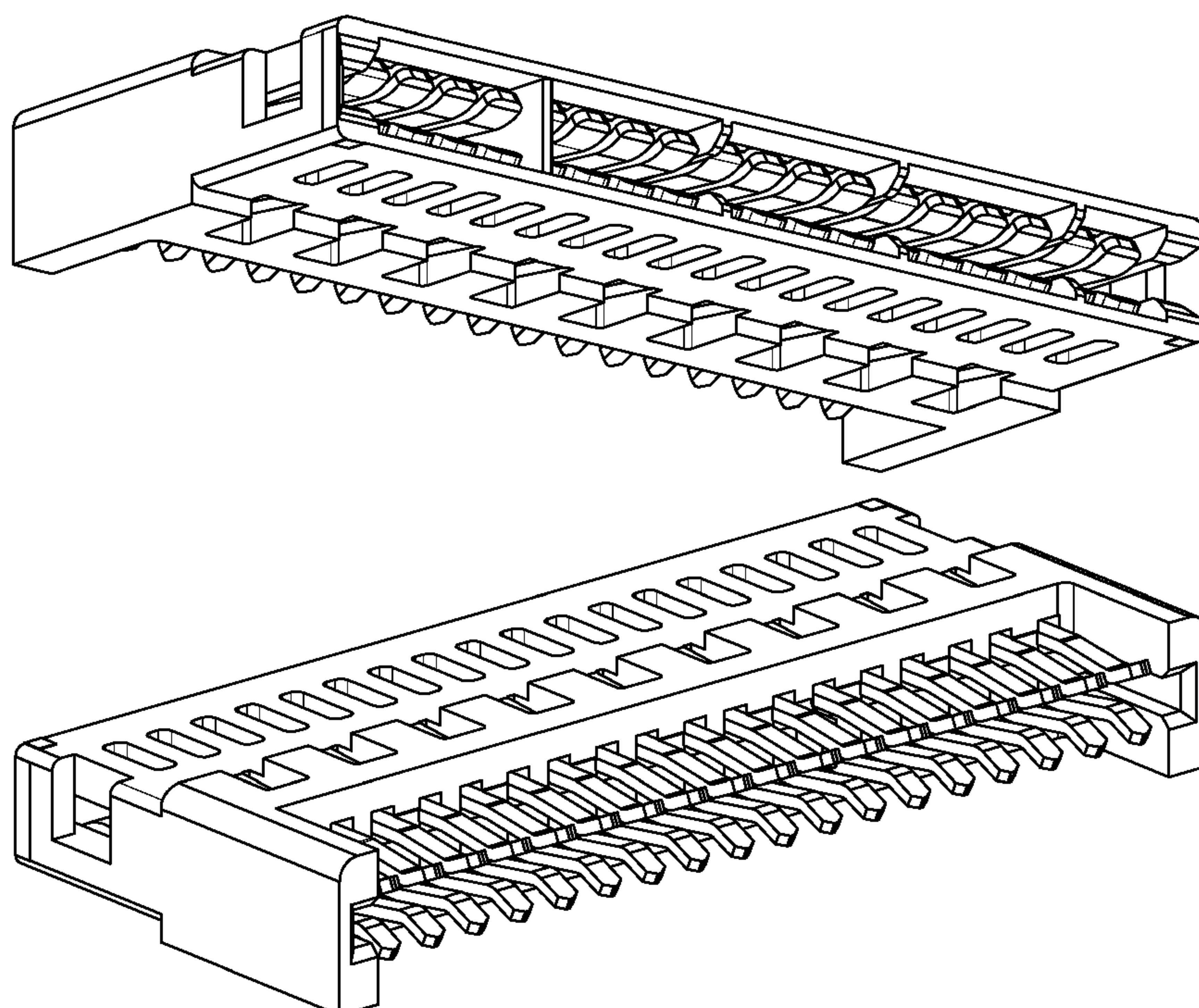
FIG. 6 is a bottom plan view thereof;

FIG. 7 is a left side elevation view thereof; and,

FIG. 8 is a right side elevation view thereof.

In a preferred embodiment, the nature of this product is an electrical card-edge connector in the form of an electrical connector housing that retains a plurality of electrical contacts, such that the electrical card-edge connector is configured to mount to a first circuit board and mate with a second circuit board.

**1 Claim, 4 Drawing Sheets**



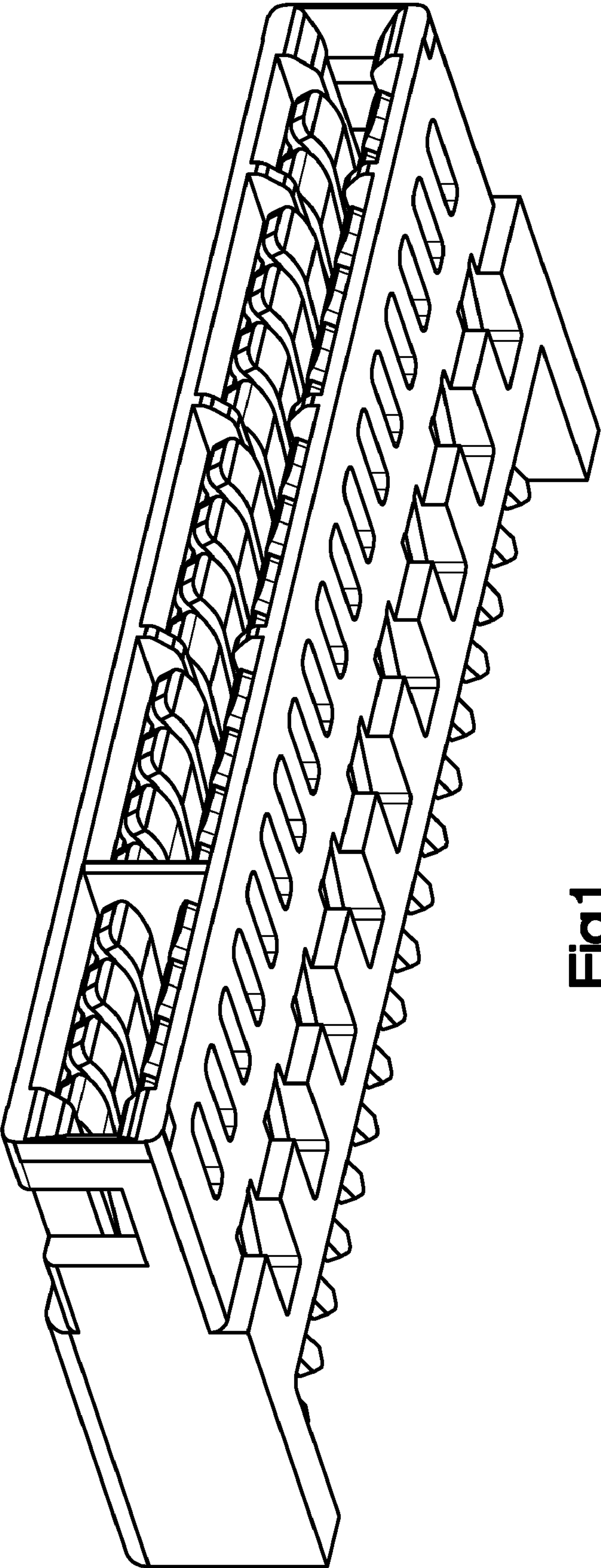


Fig.1

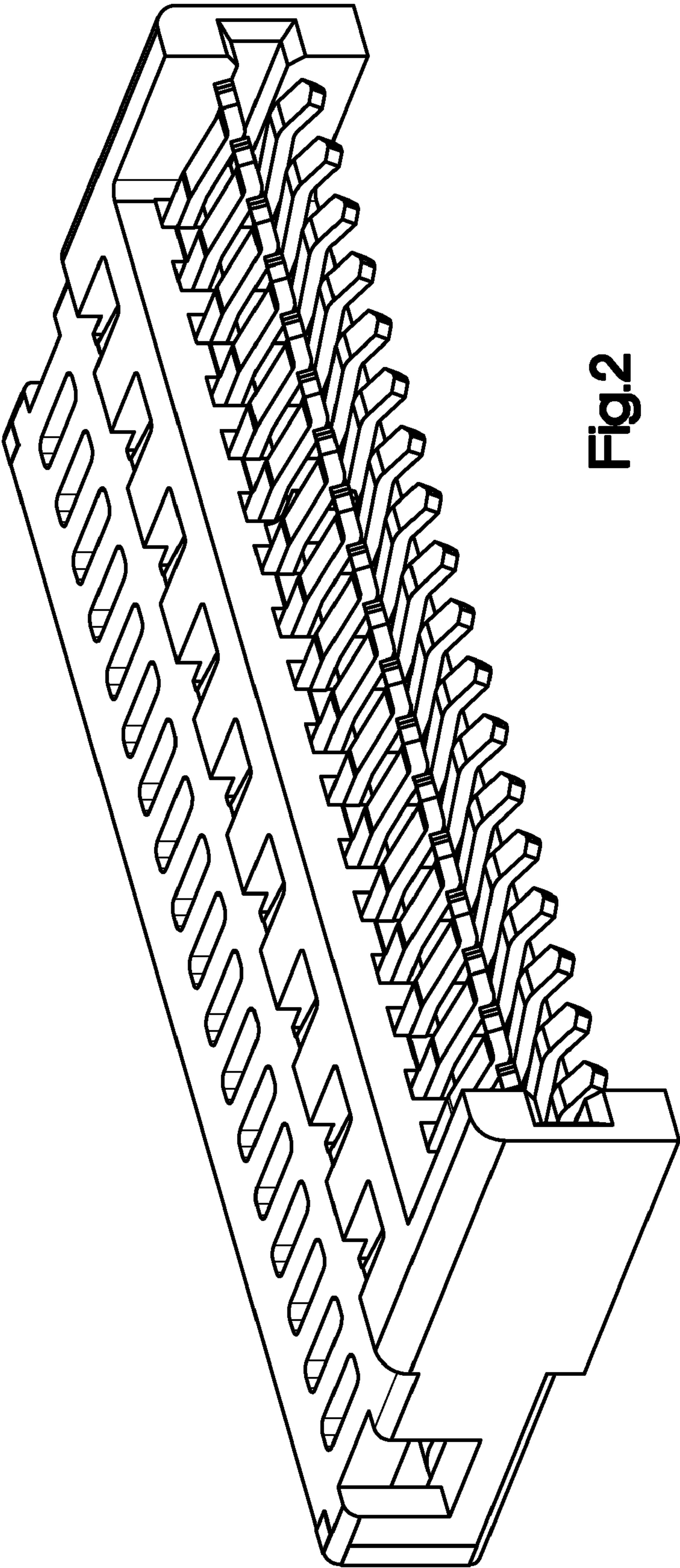


Fig.2



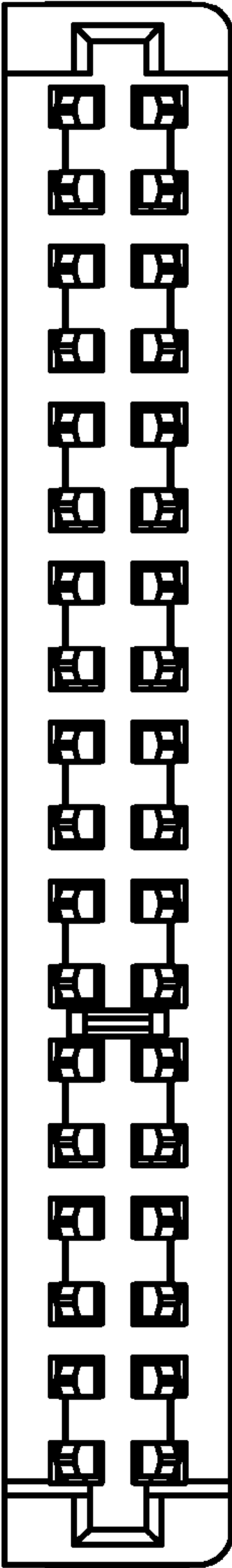


Fig.3

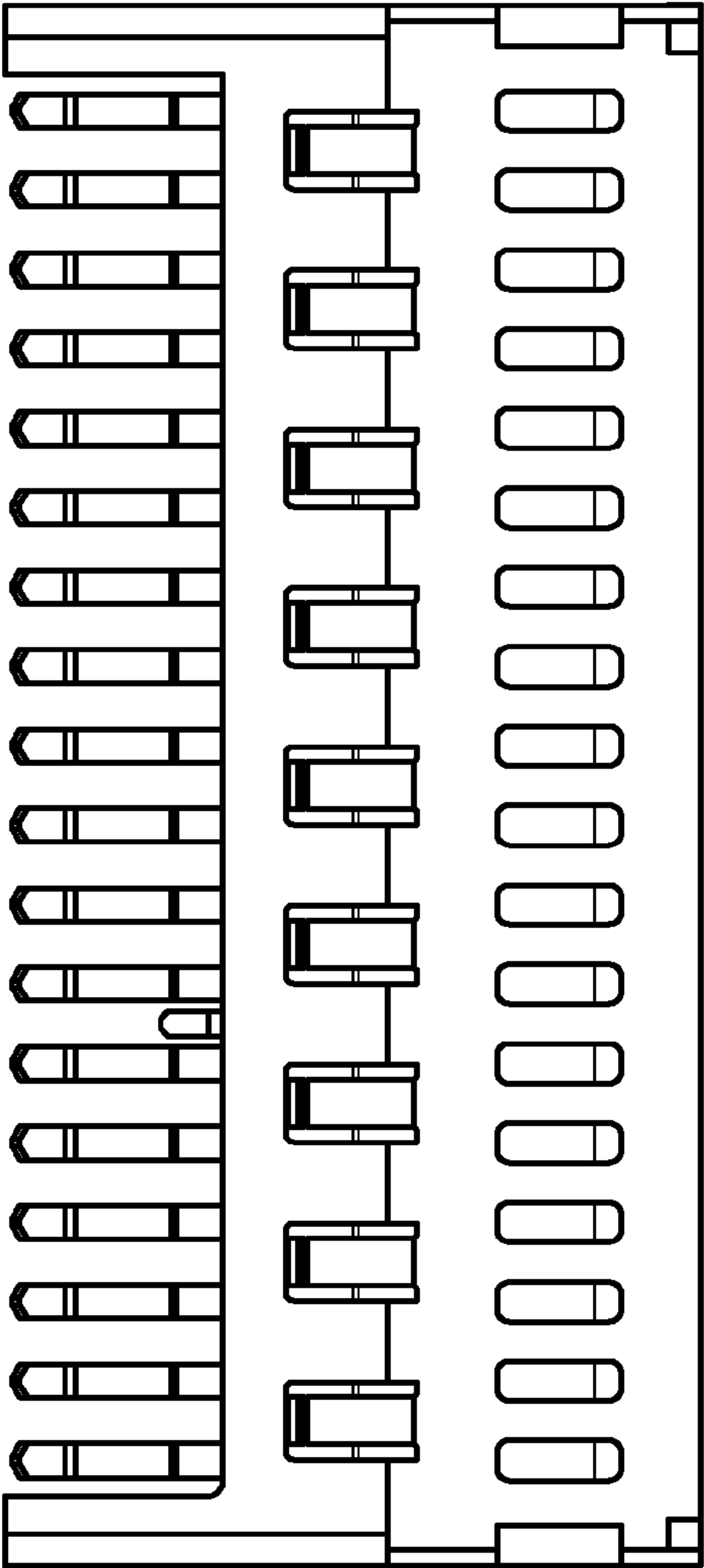


Fig.4

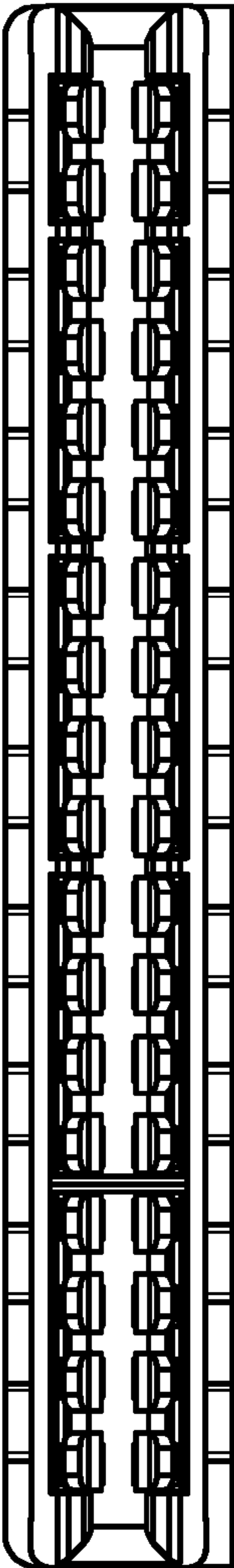


Fig.5

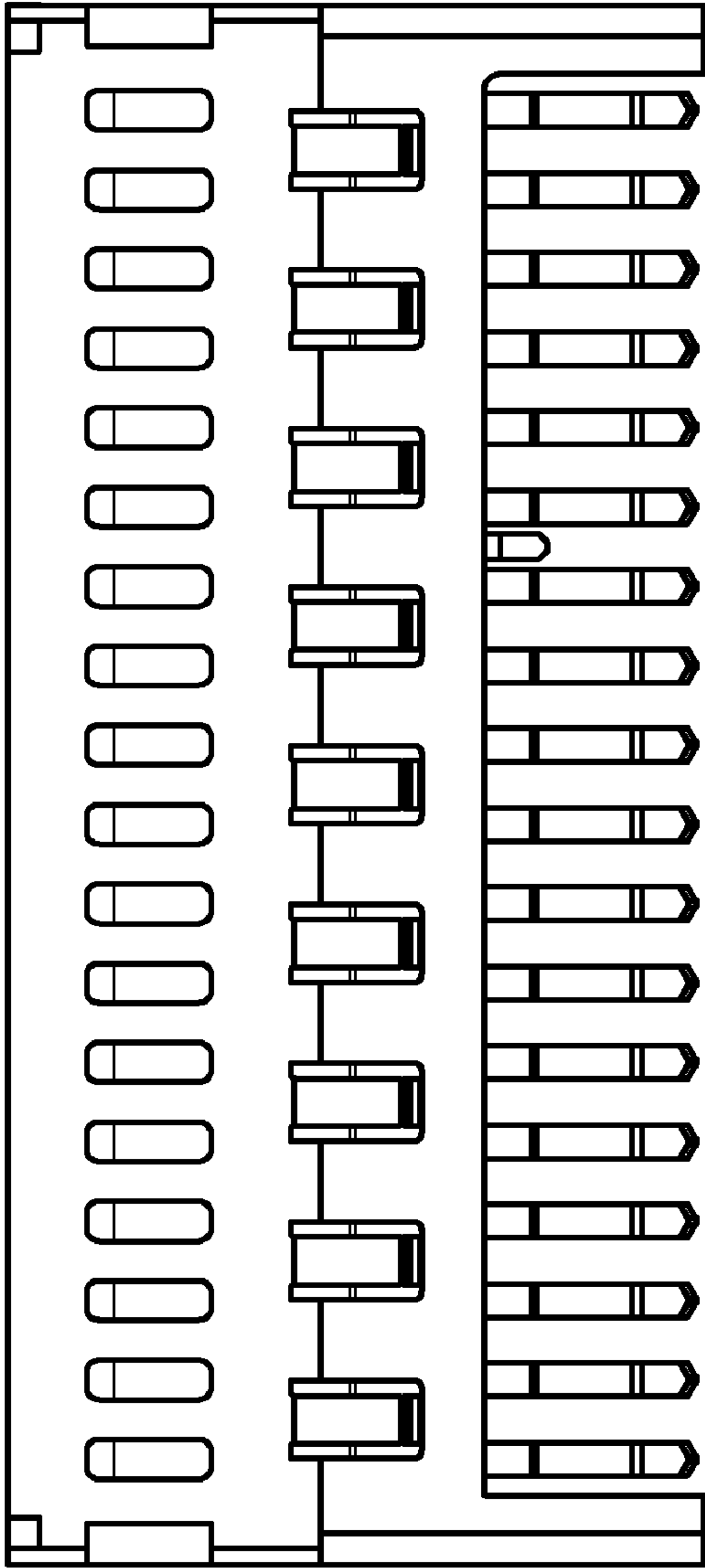


Fig.6

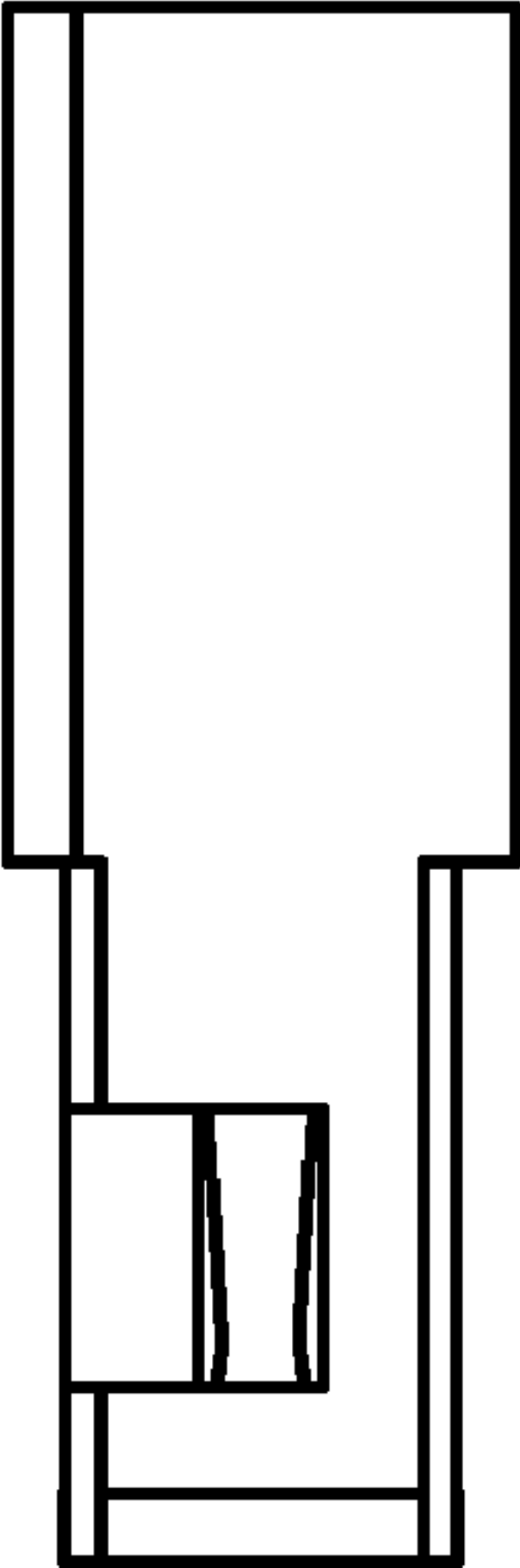


Fig.7

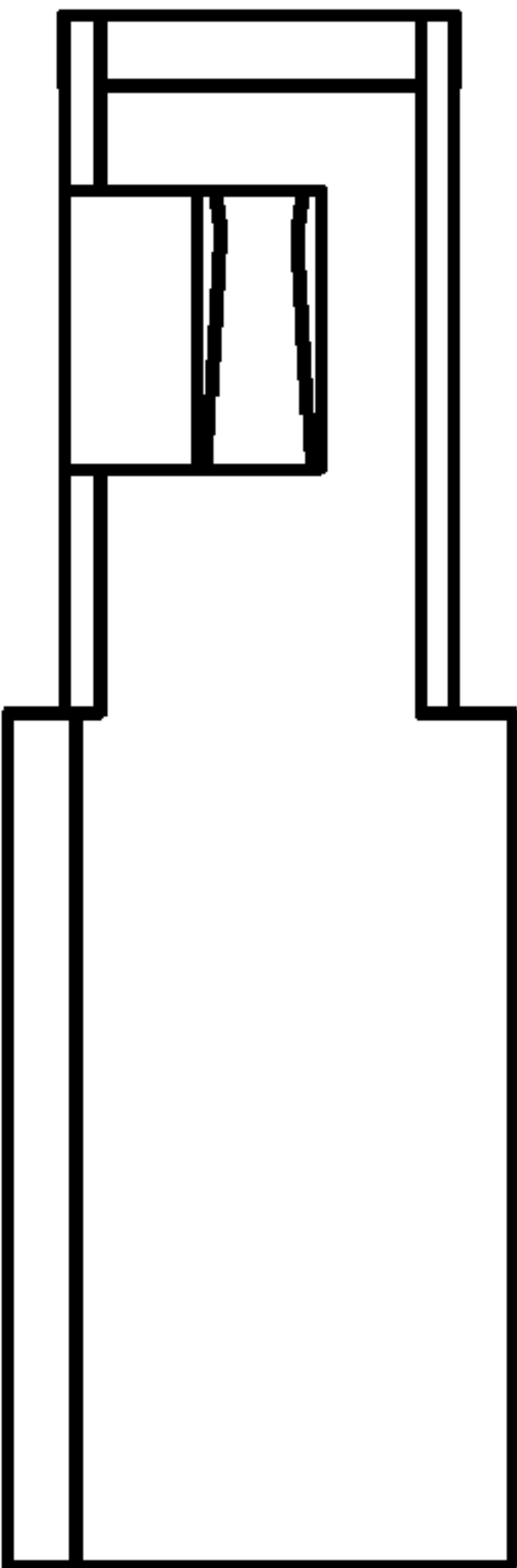


Fig.8

UNITED STATES PATENT AND TRADEMARK OFFICE  
**CERTIFICATE OF CORRECTION**

PATENT NO. : D641,321 S  
APPLICATION NO. : 29/363270  
DATED : July 12, 2011  
INVENTOR(S) : Hung Viet Ngo

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

On the Title Pg Item - DESCRIPTION should read:

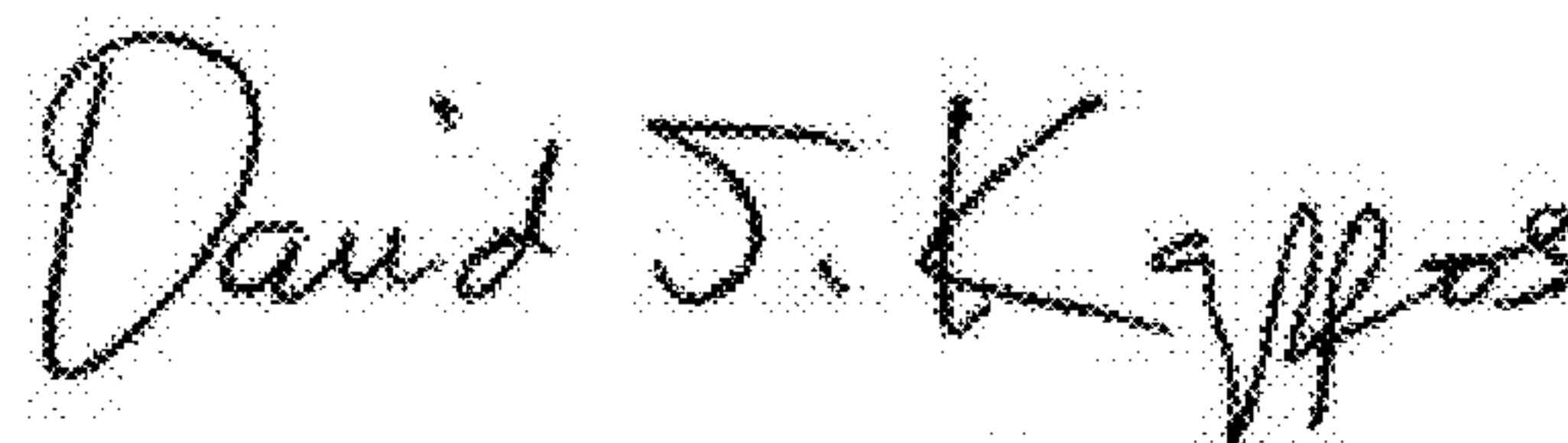
This application is related by subject matter to U.S. Provisional Patent Application No. 61/352,231, filed June 7, 2010, entitled “Electrical Card-Edge Connector”,

U.S. Design Patent Application No. 29/363,267, filed June 7, 2010, entitled “Electrical Card-Edge Connector”,

U.S. Provisional Patent Application No. 61/352,245, filed June 7, 2010, entitled “Electrical Card-Edge Connector”, and

U.S. Design Patent Application No. 29/363,269, filed June 7, 2010, entitled “Electrical Card-Edge Connector”.

Signed and Sealed this  
Ninth Day of August, 2011

A handwritten signature in black ink, reading "David J. Kappos". The signature is written in a cursive, flowing style with a large initial 'D' and 'K'.

David J. Kappos  
*Director of the United States Patent and Trademark Office*