



US00D816043S

(12) **United States Design Patent** (10) **Patent No.:** **US D816,043 S**
Ashibu et al. (45) **Date of Patent:** **** Apr. 24, 2018**

(54) **ELECTRICAL CONNECTOR**

(56) **References Cited**

(71) Applicant: **JAPAN AVIATION ELECTRONICS
INDUSTRY, LIMITED**, Tokyo (JP)

U.S. PATENT DOCUMENTS

(72) Inventors: **Kenta Ashibu**, Tokyo (JP); **Hiroaki
Obikane**, Tokyo (JP); **Takayuki
Nishimura**, Tokyo (JP); **Akihiro
Matsunaga**, Tokyo (JP)

D501,448	S	*	2/2005	Ishikawa		D13/147
D642,535	S	*	8/2011	Sato		D13/147
D683,317	S		5/2013	Nishimura et al.		
D684,120	S	*	6/2013	Miyazaki		D13/147
D688,210	S	*	8/2013	Mashiyama		D13/147
D692,833	S	*	11/2013	Nishimura		D13/147
D695,691	S		12/2013	Kobuchi et al.		
D735,674	S	*	8/2015	Miyazaki		D13/147
D739,826	S	*	9/2015	Omodachi		D13/147
D774,463	S	*	12/2016	Omodachi		D13/147

(73) Assignee: **Japan Aviation Electronics Industry,
Limited**, Tokyo (JP)

* cited by examiner

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

Primary Examiner — Daniel Bui

(21) Appl. No.: **29/596,710**

(74) *Attorney, Agent, or Firm* — Cermak Nakajima &
McGowan LLP; Tomoko Nakajima

(22) Filed: **Mar. 10, 2017**

(30) **Foreign Application Priority Data**

(57) **CLAIM**

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

Sep. 28, 2016 (JP) 2016-020784

(51) **LOC (11) Cl.** **13-03**

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

(58) **Field of Classification Search**

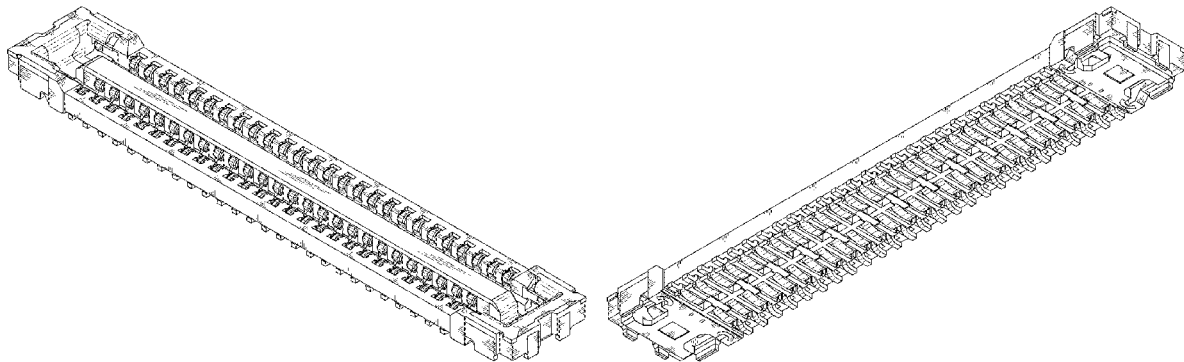
USPC D13/123, 133, 146, 147, 154, 156, 184,
D13/199; D14/432, 433, 434, 435.1, 438
CPC H01R 12/55; H01R 12/58; H01R 12/592;
H01R 12/616; H01R 12/62; H01R 12/70;
H01R 12/7076; H01R 12/71; H01R
12/716; H01R 12/718; H01R 12/72;
H01R 12/73; H01R 12/737; H01R
12/774; H01R 12/777; H01R 12/778;
H01R 12/79

See application file for complete search history.

DESCRIPTION

FIG. 1 is a front elevational view of an electrical connector
showing our new design;
FIG. 2 is a top plan view thereof;
FIG. 3 is a right side elevational view thereof;
FIG. 4 is a left side elevational view thereof;
FIG. 5 is a rear elevational view thereof;
FIG. 6 is a bottom plan view thereof;
FIG. 7 is a top perspective view thereof;
FIG. 8 is a bottom perspective view thereof; and,
FIG. 9 is a cross-sectional view thereof taken along the line
A-A as shown in FIG. 2.

1 Claim, 9 Drawing Sheets



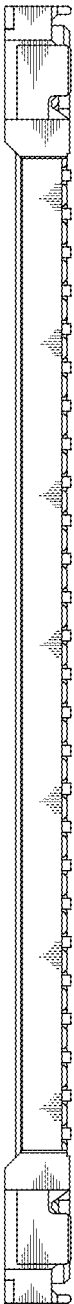


FIG.1

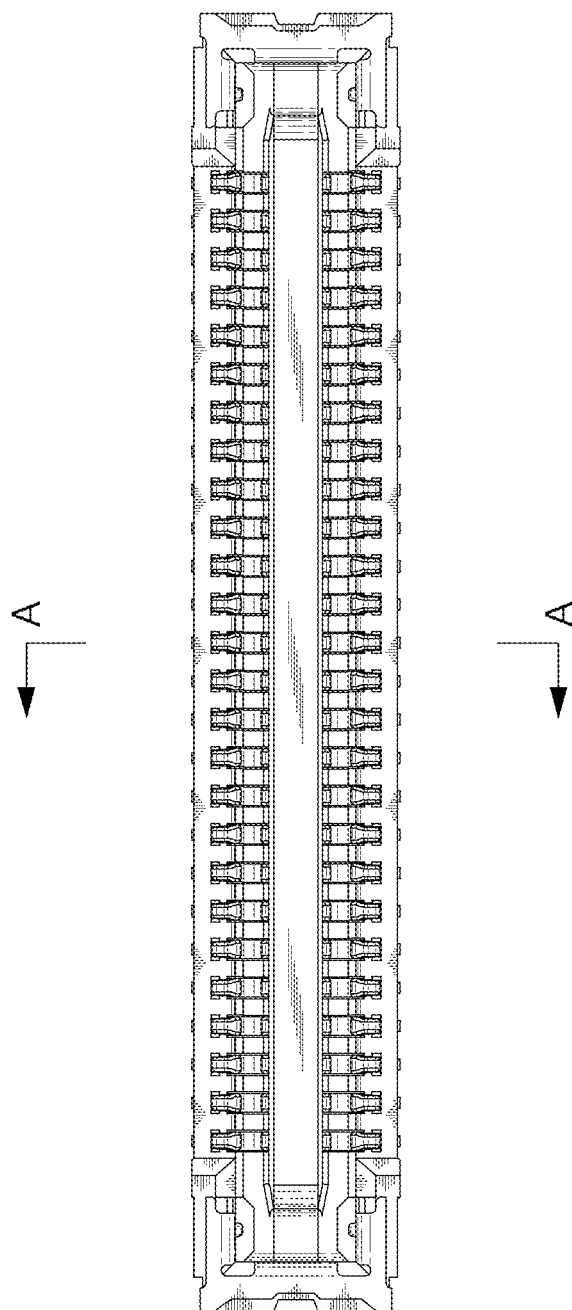


FIG.2

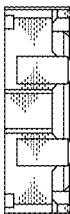


FIG.3

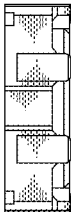


FIG.4

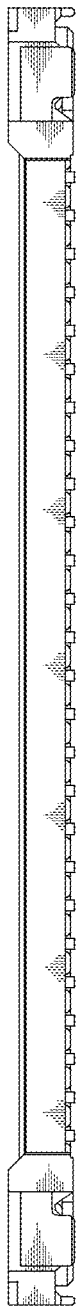


FIG.5

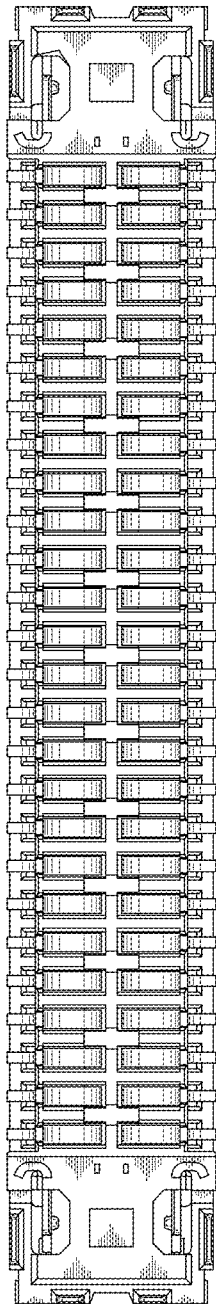


FIG. 6

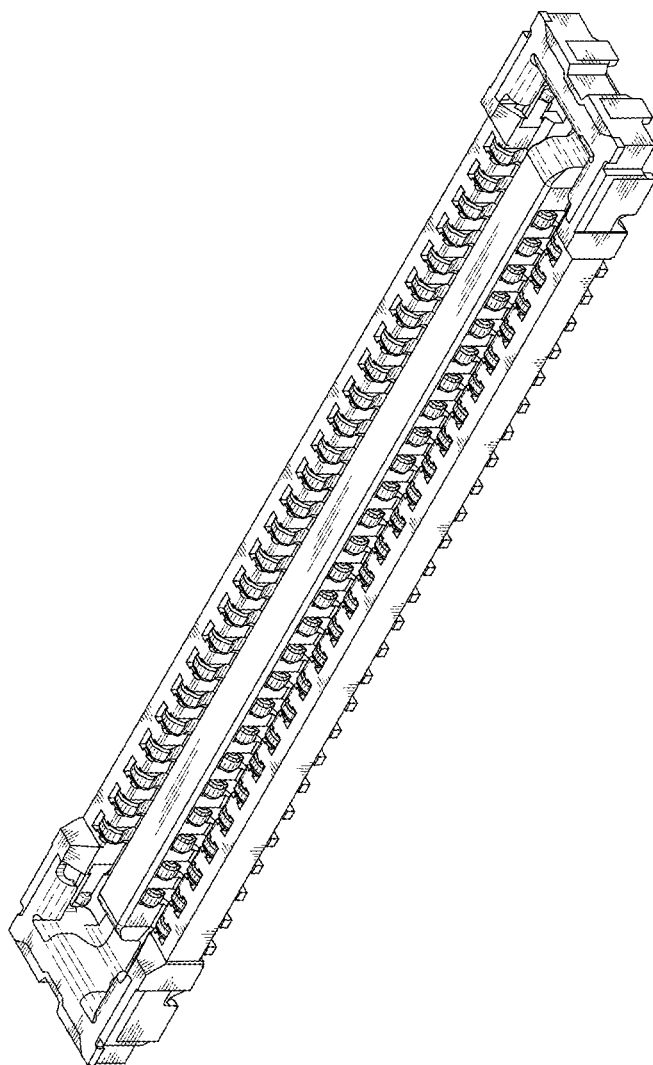


FIG. 7

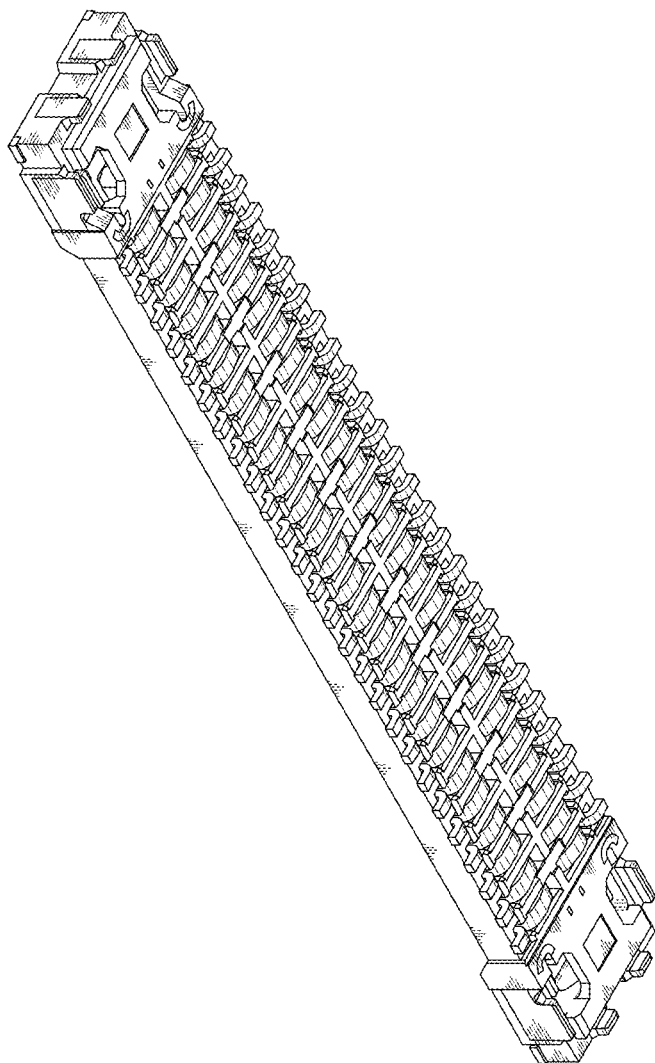


FIG.8

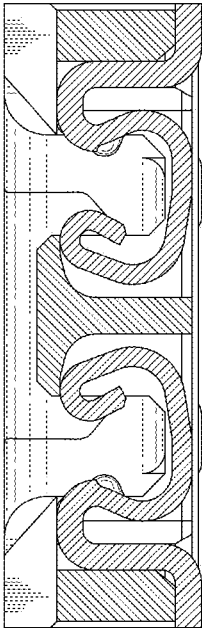


FIG.9