

US0D1089111S

(12) United States Design Patent (10) Patent No.:

Shinmyo et al.

(10) Patent No.: US D1,089,111 S

(45) Date of Patent: ** Aug. 19, 2025

(54)	CONNECTOR	

(71) Applicant: Japan Aviation Electronics Industry,

Limited, Tokyo (JP)

(72) Inventors: Minoru Shinmyo, Tokyo (JP); Yuichi

Uchiyama, Tokyo (JP); Osamu Takagi, Tokyo (JP); Masaki Ishiguro, Tokyo (JP); Junichi Miyamoto, Tokyo (JP); Takashi Tokunaga, Tokyo (JP); Tomoyuki Uchida, Tokyo (JP); Takuya

2022 010542 D

Shiraishi, Tokyo (JP)

(73) Assignee: Japan Aviation Electronics Industry,

Limited, Tokyo (JP)

(**) Term: 15 Years

(21) Appl. No.: 29/929,451

(22) Filed: Feb. 22, 2024

(30) Foreign Application Priority Data

Se	p. 11, 2023	(JP)	•••••	2023-018	342 D
(51)	LOC (15)	Cl			13-03

(58) Field of Classification Search

USPC ... D13/133, 101, 123, 146, 147, 153, 137.1, D13/149, 139.8, 182; D14/435.1, 433
CPC G02B 6/38; G02B 6/38875; G02B 6/4284; H01R 13/40; H01R 13/58; H01R 13/627; H01R 13/66; H01R 13/6335; H01R 13/6272; H01R 13/6397; H01R 13/6397; H01R 13/6275; H01R 31/06; H01R 24/00; H01R 24/46; H01R 43/26

See application file for complete search history.

(56) References Cited

U.S. PATENT DOCUMENTS

D407.270	C	*	2/1000	Wang	D12/122
D407,370			3/1999	wang	D13/133
D454.545	S	*	3/2002	Havashi	D13/133

	D475,022	S	*	5/2003	Kihira	D13/133
	D621,368	S	*	8/2010	Lee	D13/154
	D645,409	S	*	9/2011	Lam	D13/154
	D665,360	S	*	8/2012	Gieski	D13/154
	D668,621	S	*	10/2012	Gieski	D13/154
	D670,650	S	*	11/2012	Ebihara	D13/133
	D783,618	S	*	4/2017	Wu	D13/133
	D841,588	S	*	2/2019	Endo	D13/133
	D842,811	\mathbf{S}	*	3/2019	Iwasawa	D13/133
(Continued)						

Primary Examiner — Amber R Stiles

Assistant Examiner — Leah E Hoeferkamp

(74) Attorney, Agent, or Firm — Kreative IP Management LLC; Fuiyeong Kim

(57) CLAIM

The ornamental design for a connector as shown and described.

DESCRIPTION

FIG. 1 is a front elevational view of a connector showing our new design;

FIG. 2 is a rear elevational view thereof;

FIG. 3 is a right side elevational view thereof;

FIG. 4 is a left side elevational view thereof;

FIG. 5 is a top plan view thereof;

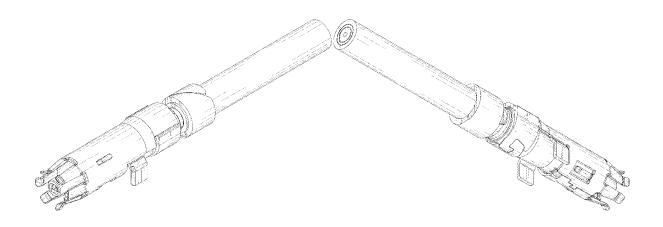
FIG. 6 is a bottom plan view thereof;

FIG. 7 is a front, top, and right side perspective view thereof; FIG. 8 is a rear, bottom, and left side perspective view thereof:

FIG. 9 is a front, right, and bottom side perspective view thereof; and,

FIG. 10 is a rear, left, and top side perspective view thereof. The broken line showing of the connector is for the purpose of illustrating portions of the article and forms no part of the claimed design.

1 Claim, 9 Drawing Sheets



US D1,089,111 S Page 2

(56) **References Cited**

U.S. PATENT DOCUMENTS

D852,137	S	*	6/2019	Sasaki D13/133
D867,292	\mathbf{S}	*	11/2019	Fukuyama D13/133
D867,293	S	*	11/2019	Fukuyama D13/133
D870,051	S	*	12/2019	Endo D13/154
D880,424	\mathbf{S}	*	4/2020	Fukuyama D13/133
D882,518	S	水	4/2020	Otsu D13/133
D883,931	\mathbf{S}	*	5/2020	Otsu D13/133
D911,962	S	*	3/2021	Obata D13/133
D913,241	S	*	3/2021	Gregori D13/133
D1,035,588	S	*	7/2024	Williams D13/146
2011/0223799	Al	*	9/2011	Hasebe H01R 13/465
				439/488

* cited by examiner

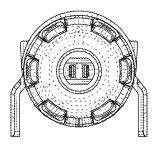


FIG. 1

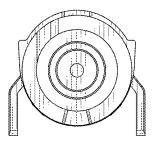
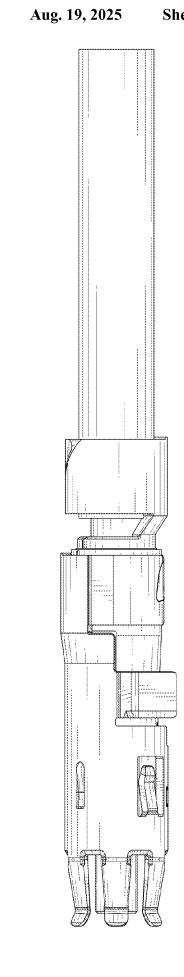
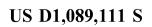
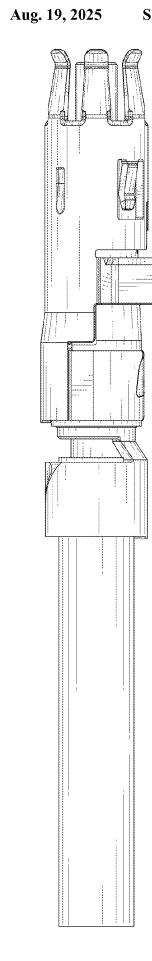


FIG. 2

US D1,089,111 S







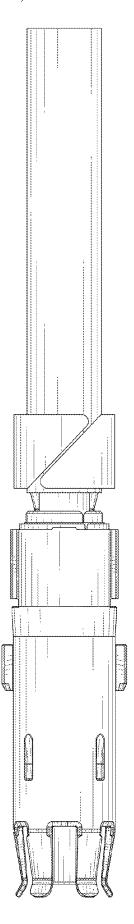


FIG. 5

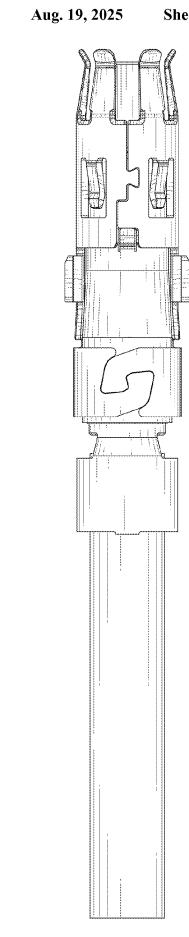


FIG. 6

US D1,089,111 S Sheet 6 of 9

