



US0D1089108S

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

(10) **Patent No.:** **US D1,089,108 S**

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

(54) **RJ45 PLUG**

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

(21) Appl. No.: **29/920,864**

(22) Filed: **Dec. 13, 2023**

(51) **LOC (15) Cl.** **13-03**

(52) **U.S. Cl.**
USPC **D13/133; D13/147**

(58) **Field of Classification Search**
USPC ... D13/110, 137.2, 133, 146, 147, 153, 154,
D13/199; D14/256, 435.1, 433
CPC .. H02J 7/0045; H02J 7/0047; H01R 13/6595;
H01R 13/659; H01R 13/639; H01R
24/20; H01R 24/64
See application file for complete search history.

(56) **References Cited**

U.S. PATENT DOCUMENTS

D637,561	S	*	5/2011	Canning	.....	D13/154
D637,961	S	*	5/2011	Canning	.....	D13/154
D637,963	S	*	5/2011	Canning	.....	D13/154
D637,965	S	*	5/2011	Canning	.....	D13/154
D637,969	S	*	5/2011	Canning	.....	D13/154
D637,971	S	*	5/2011	Canning	.....	D13/154
D637,973	S	*	5/2011	Canning	.....	D13/154
D637,975	S	*	5/2011	Canning	.....	D13/154
9,300,092	B1	*	3/2016	Ray	.....	H01R 13/6466
D768,083	S	*	10/2016	Zhou	.....	D13/147
D768,574	S	*	10/2016	Zhou	.....	D13/147
D768,575	S	*	10/2016	Zhou	.....	D13/147
D829,667	S	*	10/2018	Sutter	.....	D13/147

D830,308	S	*	10/2018	Zhou	.....	D13/147
D850,450	S	*	6/2019	Green	.....	D14/433
D862,391	S	*	10/2019	Sutter	.....	D13/147
D862,392	S	*	10/2019	Sutter	.....	D13/147
2024/0106164	A1	*	3/2024	Lu	.....	H01R 24/64
2024/0106176	A1	*	3/2024	Lu	.....	H01R 24/64
2025/0118940	A1	*	4/2025	Sullivan	.....	H01R 13/50

FOREIGN PATENT DOCUMENTS

CN 307848069 2/2023

OTHER PUBLICATIONS

Cat6 STP Ethernet RJ45 Connector posted date (unavailable),
retrieved Apr. 16, 2025 (online), <https://www.crxconec.com/en/product/CC-01-00006.html> (Year: 2025).*

(Continued)

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(57)

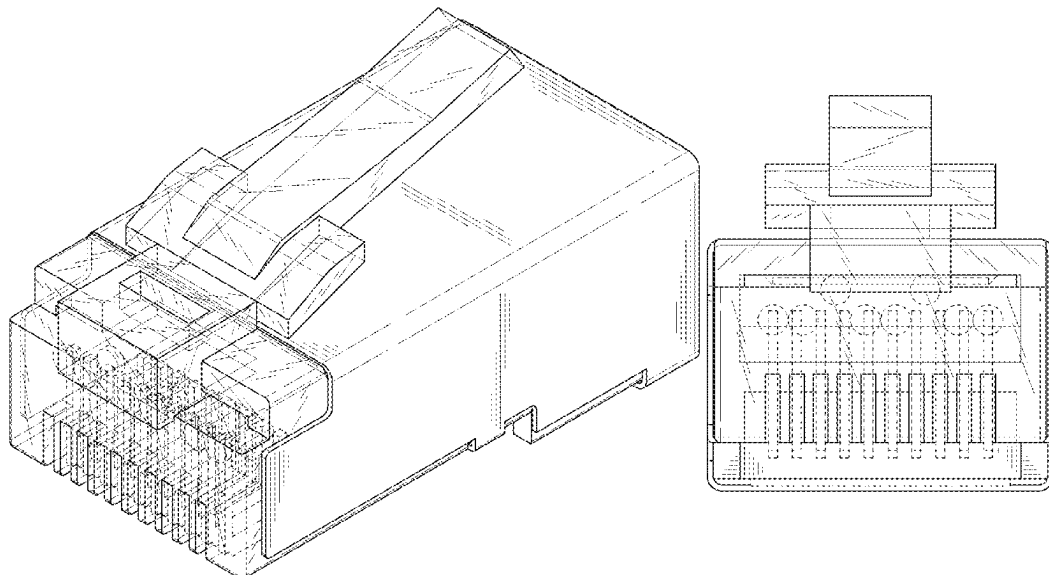
CLAIM

The ornamental design for a RJ45 plug, as shown and described.

DESCRIPTION

FIG. 1 is a front view of a top front perspective view of a RJ45 plug showing the claimed design;
FIG. 2 is a back bottom perspective view thereof;
FIG. 3 is a front view thereof;
FIG. 4 is a back view thereof;
FIG. 5 is a left side view thereof, wherein a right side view is a mirror image of the left side view;
FIG. 6 is a top view thereof; and,
FIG. 7 is a bottom view thereof.
The broken lines in the figures show form no part of the claimed design.

1 Claim, 7 Drawing Sheets



(56)

References Cited

OTHER PUBLICATIONS

Cat6 RJ45 100-Pack Connector, posted date (unavailable), retrieved
Apr. 16, 2025 (online), [https://www.discountedcables.com/products/
cat6-ethernet-rj45-connector-100-pack](https://www.discountedcables.com/products/cat6-ethernet-rj45-connector-100-pack) (Year: 2025).*

* cited by examiner

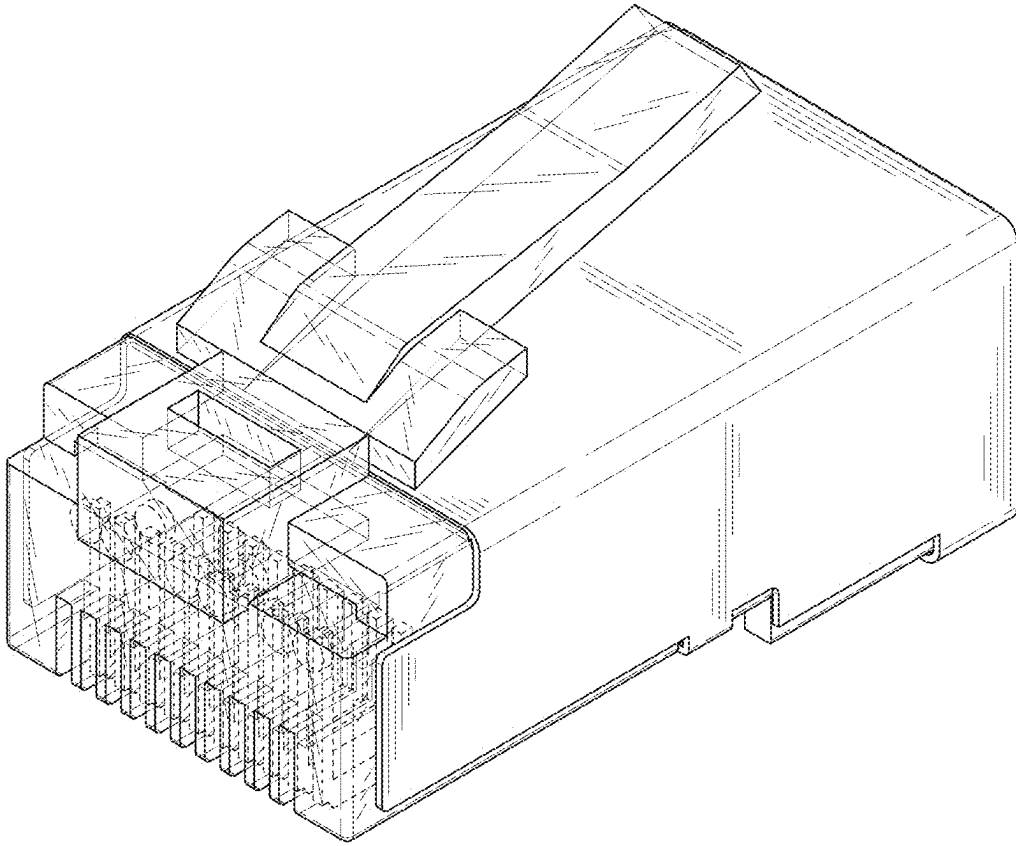


FIG. 1

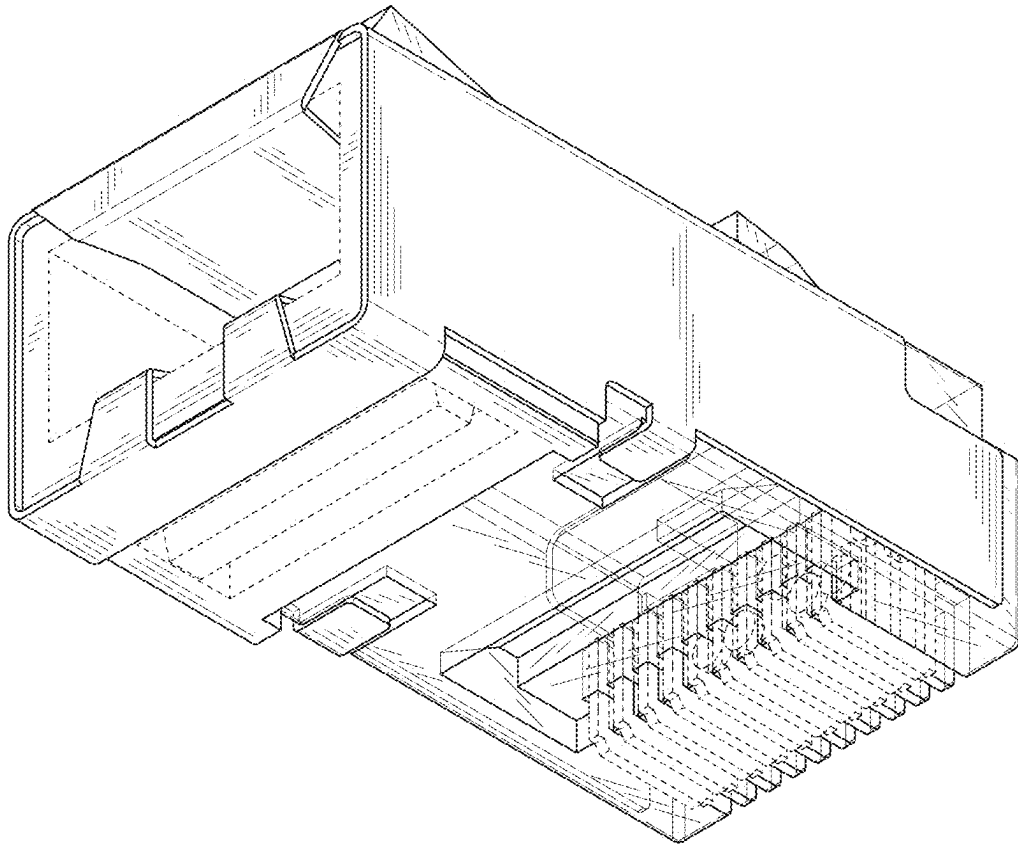


FIG. 2

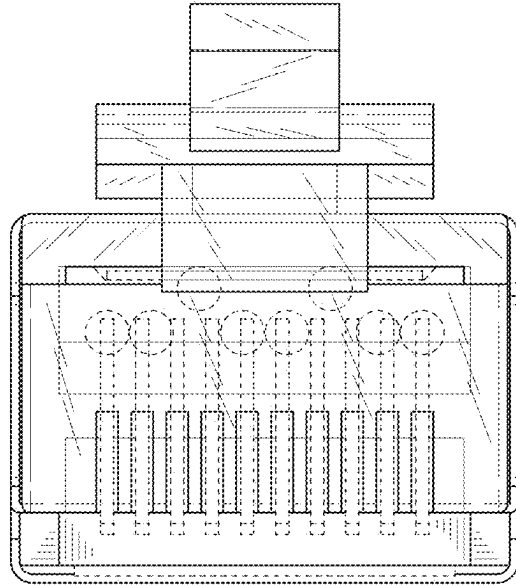


FIG. 3

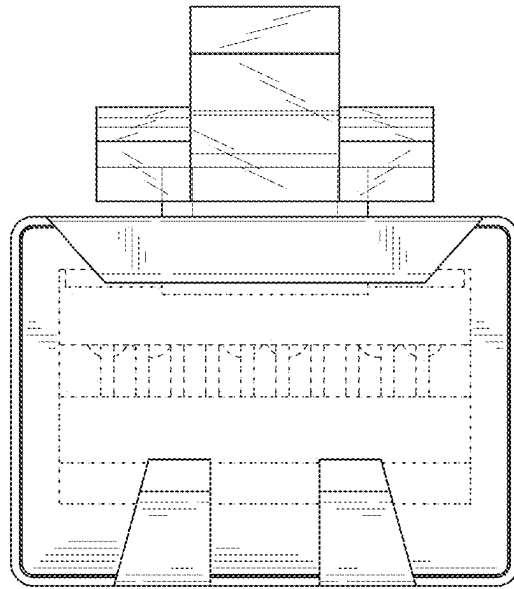


FIG. 4

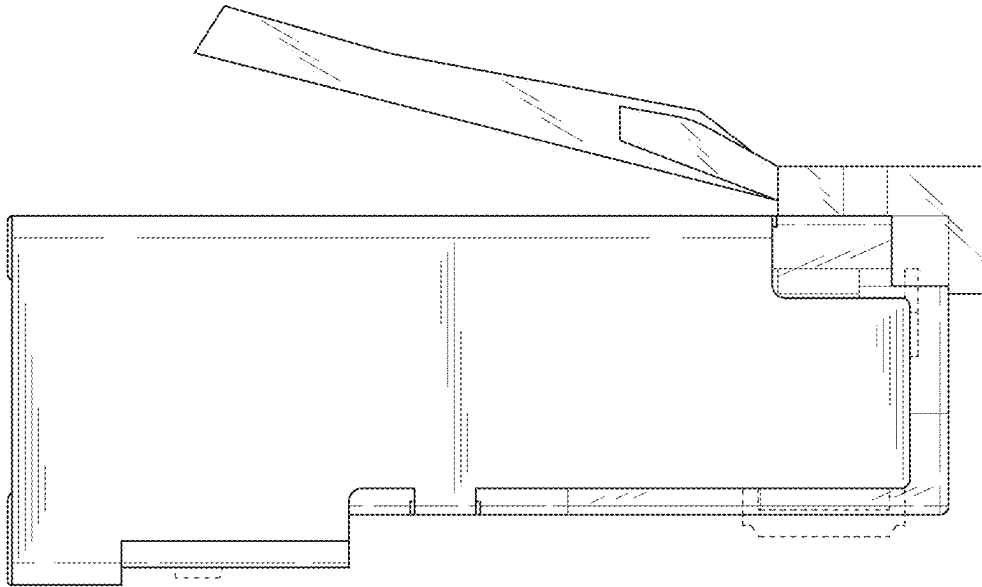


FIG. 5

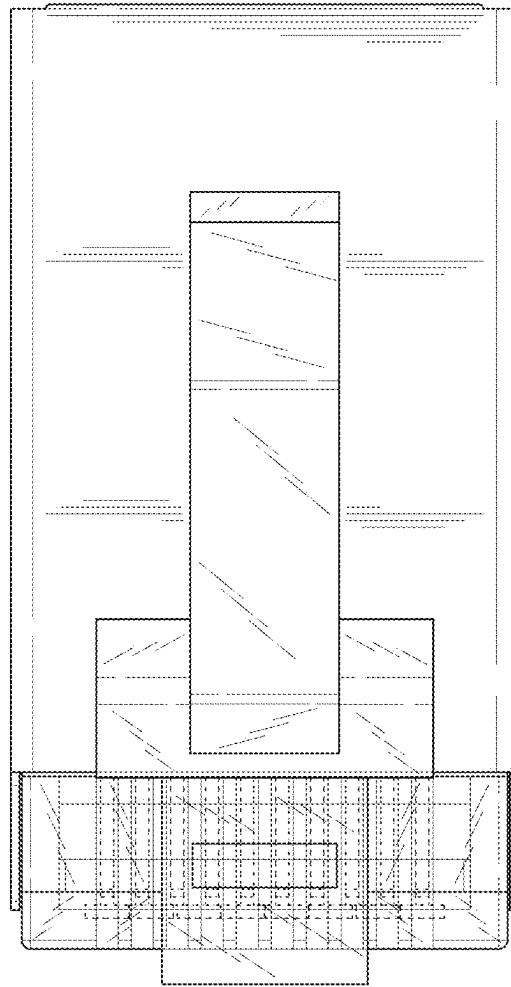


FIG. 6

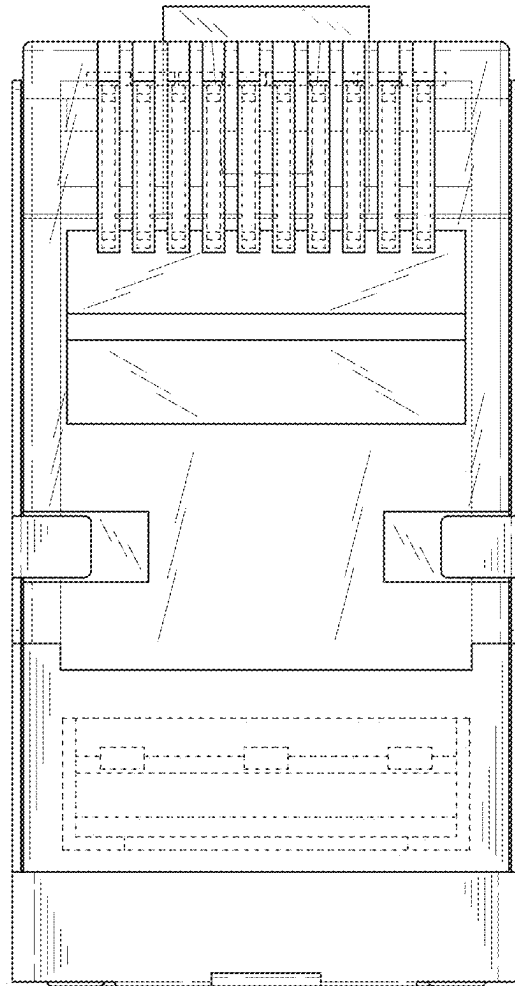


FIG. 7