

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

Martin

US D1,089,069 S

(45) **Date of Patent:**

** Aug. 19, 2025

(54) ELECTRICAL CHARGING TERMINAL

Applicant: TE Connectivity Solutions GmbH, Schaffhausen (CH)

(72) Inventor: Galen M. Martin, Middletown, PA

Assignee: TE Connectivity Solutions GmbH

Term: 15 Years

(21) Appl. No.: 29/871,179

Feb. 14, 2023 (22) Filed:

(52) U.S. Cl.

USPC D13/133

(58) Field of Classification Search

USPC D13/102, 103, 104, 105, 106, 107, 108, D13/109, 110, 112, 118, 119, 120, 121, D13/122, 146, 147, 154, 173, 184, 199,

D13/133 CPC .. H02J 50/00; H02J 50/10; H02J 50/12; H02J 50/80; H02J 7/025; H02J 7/005; H02J 7/02; H02J 7/0026; H02J 7/0042; H02J 7/0044; H02J 7/0045; H02J 7/0013; H02J 7/0003; H01R 13/00; H01R 13/03; H01R 13/04; H01R 13/10; H01R 13/35; H01R 13/44; H01R 13/46; H01R 13/453; H01R 13/4534; H01R 13/502; H01R 13/506; H01R 13/514; H01R 13/518; H01R 13/6267; H01R 13/631; H01R 13/639; H01R 13/652; H01R 13/665; H01R 13/6633; H01R 13/6666; H01R 13/6675; H01R 13/7135; H01R 31/02; H01R

See application file for complete search history.

31/06; H01R 31/065

(56)References Cited

U.S. PATENT DOCUMENTS

D328,280	S	*	7/1992	Lee D13/133
D376,580	\mathbf{S}	*	12/1996	Lee D13/133
D435,830	S	*	1/2001	Cheng D13/133
D572,197	S	*	7/2008	Chawgo D13/133
D574,781	S	*	8/2008	Chawgo D13/133
D613,692	S	*	4/2010	Son D13/108
D631,836	S	*	2/2011	Kao D13/108
D675,161	S	*	1/2013	Rayner D13/133
D711,332	S	*	8/2014	Krishnan D13/199
D741,803	S	*	10/2015	Davidson, Jr D13/133
11,548,052	B_2	2	1/2023	Myers et al.
2022/0231453	\mathbf{A}	*	7/2022	Zhang H01R 13/11

FOREIGN PATENT DOCUMENTS

CN	307292994	*	4/2022
KR	301128578.0000	*	9/2021
KR	301143812 0000	*	12/2021

^{*} cited by examiner

Primary Examiner — Calvin E Vansant Assistant Examiner — Seth David Kumpf

CLAIM

The ornamental design for an electrical charging terminal as shown.

DESCRIPTION

FIG. 1 is a top, front and left perspective view of an electrical charging terminal, showing the new design;

FIG. 2 is a top plan view thereof;

FIG. 3 is a bottom plan view thereof;

FIG. 4 is a right-side elevation view thereof;

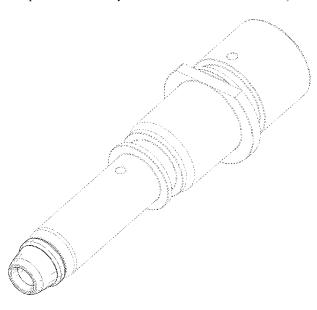
FIG. 5 is a left-side elevation view thereof;

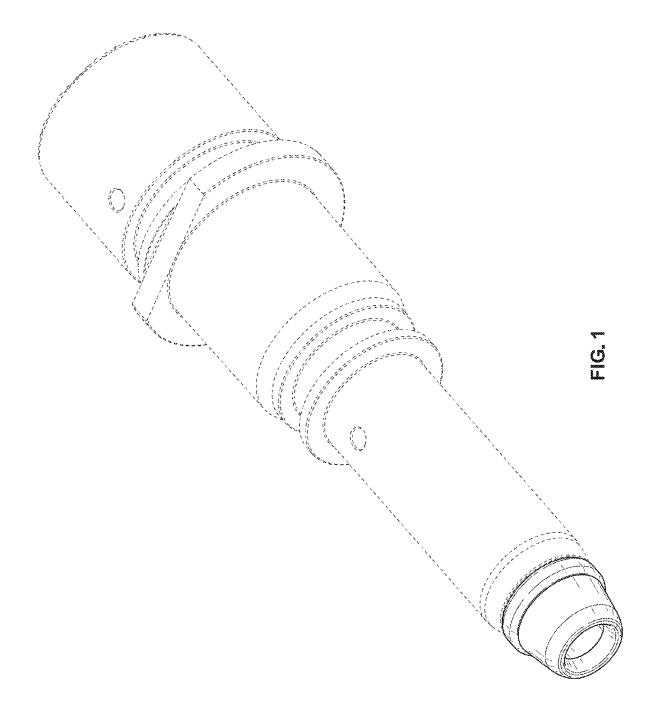
FIG. 6 is a rear elevation view thereof; and,

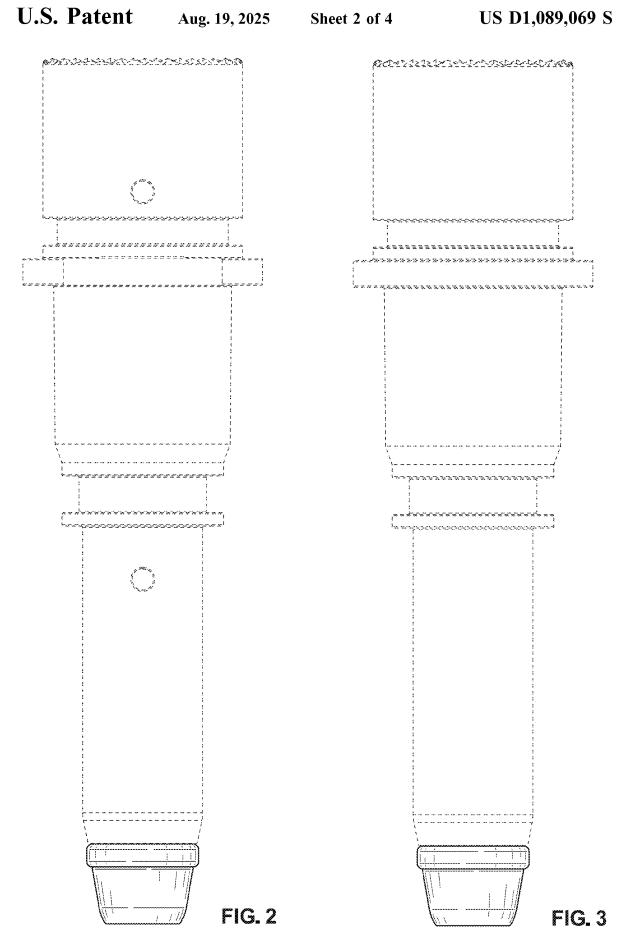
FIG. 7 is a front elevation view thereof.

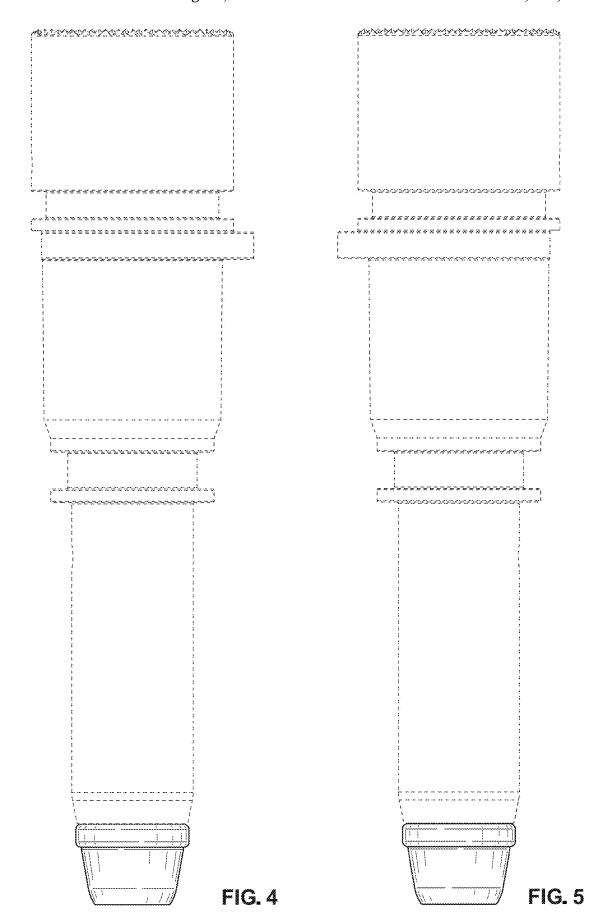
The broken lines in the Figures are for the purpose of illustrating portions of the electrical charging terminal that form no part of the claimed design.

1 Claim, 4 Drawing Sheets









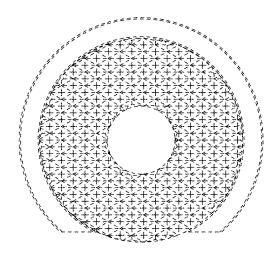


FIG. 6

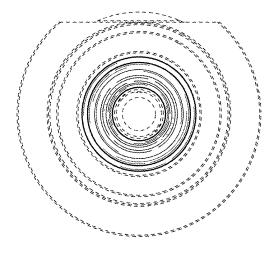


FIG. 7