506000496 04/05/2020

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
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KAI-CHENG SHIE	03/19/2020
JING-YE JUANG	03/23/2020

RECEIVING PARTY DATA

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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16836955

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SIGNATURE:	/James Lynn O'Sullivan/
DATE SIGNED:	04/05/2020

Total Attachments: 2

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PATENT 506000496 REEL: 052315 FRAME: 0117

NP-23816-US/18(\S)A088 Inventor(s)-to-Assignee

ASSIGNMENT

This assignment agreement is applicable to an invention entitled (Invention Title)
ELECTRICAL CONNECTING STRUCTURE HAVING NANO-TWINS COPPER AND
METHOD OF FORMING THE SAME
The PATENT RIGHTS referred to in this agreement are:
(check one) \(\sum \) a patent application for this invention, executed by the ASSIGNOR(S)
concurrently with this assignment.
□U.S. patent application Serial No, filed
□a U.S. patent application based on PCT International Application
Nofiled on (date)(U.S. patent application
Serial No, if known).
□U.S. patent No, issued
The PATENT RIGHTS also include all divisions, reissues, continuations and extensions of
the patents and patent applications identified above.
The PATENT RIGHTS assigned under this agreement are:
⊠U.S. patent rights only.
The ASSIGNOR(S) referred to in this agreement is (or are) the inventor(s) whose signature
appear on page 2 of this Assignment and any Supplemental Sheet(s).
The ASSIGNEE referred to in this agreement is:
(Name of Assignee) NATIONAL CHIAO TUNG UNIVERSITY
(Address) No.1001, Daxue Rd., East Dist., Hsinchu City 300, Taiwan, R.O.C.
The ASSIGNEE is:
(check one)□An individual.
□A Partnership.
☐ A University of
(other)
EL ACCIONOD(C): '1 / COLO OO '11 / ACCIONEE 1 / 1
The ASSIGNOR(S), in consideration of \$10.00 paid by the ASSIGNEE, and other good and
valuable consideration, receipt of which is acknowledged, hereby assign(s) the following
rights to the ASSIGNEE, its successors and assigns:
the full and exclusive right to the invention;
the entire right, title and interest in and to the PATENT RIGHTS;
the right to sue and recover for any past infringement; and the right to claim priority under 35 USC 119, 35 USC 120, or any other applicable
provisions, based on any earlier patent applications for this invention.

PATENT REEL: 052315 FRAME: 0118

THIS IS PAGE 2 OF AN ASSIGNMENT FROM THE INVENTOR(S) TO ASSIGNEE: NATIONAL CHIAO TUNG UNIVERSITY INVENTION TITLE: ELECTRICAL CONNECTING STRUCTURE HAVING NANOTWINS COPPER AND METHOD OF FORMING THE SAME

As to all U.S. patent applications assigned under this agreement, the ASSIGNOR(S) hereby authorize(s) and request(s) the Commissioner of Patents and Trademark to issue all Letters Patent to the ASSIGNEE as the assignee of the entire right, title and interest, for the sole use and enjoyment of said ASSIGNEE, its successors and assigns.

Further, the ASSIGNOR(S) agree(s) to communicate to said ASSIGNEE, or its representatives, any fact known to the ASSIGNOR(S) with respect to said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal, reexamination and reissue applications, execute all necessary assignment papers to cause and all Letter Patent to be issued to said ASSIGNEE, make all rightful oaths and generally do everything necessary or desirable to aid said ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention.

The ASSIGNOR(S) authorize(s) the attorneys and agents who have the power of attorney in this application to check any appropriate boxes and to insert the Scrial Number and filing date in this document after it has been executed.

Chih CHEN
Name of sole or first inventor

Signature

Signature

Date

Kai-Cheng SHIE
Name of second inventor, if any

Signature

Signature

March, 19, 2020

Date

Jing-Ye JUANG
Name of third inventor, if any

Signature

Signature

Date

PATENT REEL: 052315 FRAME: 0119

RECORDED: 04/05/2020