

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

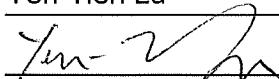
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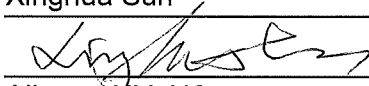
SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
YEN-TIEN LU	05/21/2019
XINGHUA SUN	05/21/2019
DAVID L. O'MEARA	05/21/2019
ANGELIQUE RALEY	05/21/2019
RECEIVING PARTY DATA	
Name:	TOKYO ELECTRON LIMITED
Street Address:	AKASAKA BIZ TOWER
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City:	MINATO-KU, TOKYO
State/Country:	JAPAN
Postal Code:	107-6325
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16415687
CORRESPONDENCE DATA	
Fax Number:	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	512.424.1000
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ATTORNEY DOCKET NUMBER:	180616US03
NAME OF SUBMITTER:	JORDAN GREGGERSEN
SIGNATURE:	/Jordan Greggersen/
DATE SIGNED:	05/23/2019
This document serves as an Oath/Declaration (37 CFR 1.63).	
Total Attachments: 2	

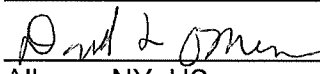
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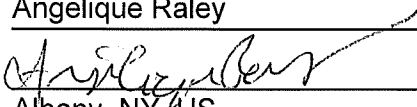
perfecting title to the Invention and all related patents and applications, for the ASSIGNEE, whenever requested by the ASSIGNEE.

As an undersigned inventor, I acknowledge prior and ongoing obligations to sell, assign, and/or transfer my rights in the Invention to the ASSIGNEE. I have not sold, assigned, or otherwise transferred my rights in the Invention to another, and I am under no obligation to sell, assign, or otherwise transfer my rights in the Invention to another. I also hereby grant the ASSIGNEE, the right to insert in this Declaration and Assignment any further identification (including, but not limited to, patent application number and filing date) which may be necessary or desirable for recording this Declaration and Assignment.

(1) Legal name of Inventor: Yen-Tien Lu
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