### PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
JUN SHINAGAWA	07/08/2021
TOSHIHIRO KITAO	07/08/2021
HIROSHI NAGAHATA	07/09/2021
CHUNGJONG LEE	07/09/2021

#### **RECEIVING PARTY DATA**

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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	17373078

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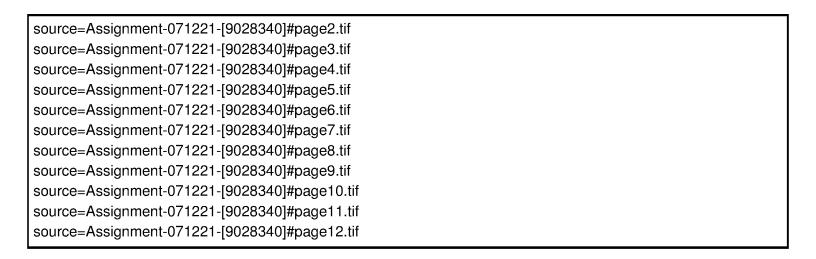
ATTORNEY DOCKET NUMBER:	536419US	
NAME OF SUBMITTER:	MATTHEW KORSEN	
SIGNATURE:	/Matthew Korsen/	
DATE SIGNED:	07/12/2021	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

**Total Attachments: 12** 

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PATENT REEL: 056826 FRAME: 0039

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PATENT REEL: 056826 FRAME: 0040

# DECLARATION (37 CFR 1.63) AND ASSIGNMENT FOR NONPROVISIONAL UTILITY OR DESIGN PATENT APPLICATION

Title of Invention: TOOL HEALTH MONITORING AND CLASSIFICATIONS WITH VIRTUAL METROLOGY AND INCOMING WAFER MONITORING ENHANCEMENTS

As a below named inventor, I hereby declare that:

This declaration and assignment is directed to:

me au	ached applicat	tion having a d	locket numb	er and title ide	ntified above,
United	States applica	tion number o	r PCT intern	ational applica	tion number
			a.,		
**********	***************************************		filed on		

The above-identified application was made or authorized to be made by me.

I believe that I am the original inventor or an original joint inventor of a claimed invention in the above-identified application.

I have reviewed and understand the contents of the above-identified application, including the claims.

I am aware of the duty to disclose to the United States Patent and Trademark Office all information known to me to be material to patentability as defined in 37 C.F.R. § 1.56.

I hereby acknowledge that any willful false statement made in this Declaration is punishable under 18 U.S.C. 1001 by fine or impresonment of not more than five (5) years, or both.

**Assignor(s)**: The Assignor(s) is/are the undersigned inventor(s). The inventor(s) named below has/have made certain inventions, improvements, and/or discoveries (herein referred to as the "Invention") disclosed in the above-identified patent application.

Assignee: The Assignee is Tokyo Electron Limited, a corporation of Japan having a place of business at Tokyo, Japan (herein referred to as the "ASSIGNEE"). The term "ASSIGNEE" used herein includes successors, legal representatives, and assigns of the ASSIGNEE. The ASSIGNEE desires to acquire the entire worldwide right, title, and interest in and to the Invention and in and to any and all patent applications and patents obtained from the Invention.

As an undersigned inventor, I hereby assign to the ASSIGNEE my entire worldwide right, title, and interest in and to the Invention, the above-identified United States patent application, and any and all other patent applications and patents for the Invention which may be applied for or granted therefrom in the United States and in all foreign countries and jurisdictions, including all divisions, continuations, reissues, reexaminations, renewals, extensions, counterparts, substitutes, and extensions thereof, and all rights of priority resulting from the filling of such applications and granting of such patents. In addition, I hereby authorize and request the Director of the United States Patent and Trademark Office to issue any United States Patent, granted for the invention, to the ASSIGNEE, and I authorize and request foreign patent authorities to issue any foreign patent, granted for the Invention, to the ASSIGNEE. The entire worldwide right, title, and interest in and to the same to be held and enjoyed by the ASSIGNEE,

Page 1 of 3

(1) Legal name of inventor:	Jun Shinagawa	
Inventor's Signature:	JShnyenia Date: 07/08/202/	
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(2) Legal name of Inventor:	Toshiniro KITAO	
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(3) Legal name of Inventor:	Hiroshi NAGAHATA	
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Citizenship:	

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Page 1 of 3

(1) Legal name of Inventor:	Jun SHINAGAWA	
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(2) Legal name of Inventor:	Toshihiro KITAO	
Inventor's Signature:	Toshihiro Kitao Dale: 7/8/2021	
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(3) Legal name of Inventor:	Hiroshi NAGAHATA	
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(4) Legal name of Inventor:	Chungjong LEE
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Atty, Docket No. 536419US

#### **DECLARATION (37 CFR 1.63) AND ASSIGNMENT FOR** NONPROVISIONAL UTILITY OR DESIGN PATENT APPLICATION

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Citizenship:	

Atty. Docket No. 536419US

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Atty. Docket No. 536419US

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Inventor's Signature:	6/34 Date: 07/09/202
Residence City/State/Country:	Miyagi, Japan
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