505855868 01/09/2020

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PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE: NEW ASSIGNMENT NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
GEN TAMAMUSHI	01/07/2020
KAZUYA NAGASEKI	01/06/2020
CHISHIO KOSHIMIZU	01/07/2020

RECEIVING PARTY DATA

Name:	TOKYO ELECTRON LIMITED	
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State/Country:	JAPAN	
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PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16738369

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER: 009500-TE0099 NAME OF SUBMITTER: DONALD R. STUDEBAKER SIGNATURE: /Donald R. Studebaker/ **DATE SIGNED:** 01/09/2020

Total Attachments: 1 source=asn#page1.tif

> **PATENT REEL: 051467 FRAME: 0636** 505855868

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ASSIGNMENT

Whereas, I/we,		•
<u>Name</u>	<u>Address</u>	
1) Gen TAMAMUSHI	c/o Tokyo Electron Miyagi Limited,	
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2) Kazuya NAGASEKI	c/o Tokyo Electron Miyagi Limited,	
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3) Chishio KOSHIMIZU	c/o Tokyo Electron Miyagi Limited,	
	I Techno Hills, Taiwa-cho,	
	Kusokawa-gun, Miyagi 981-3629 Japan	

hereinafter called assignor(s), have invented certain improvements in

UPPER ELECTRODE AND PLASMA PROCESSING APPARATUS

and executed an application for Letters Patent of the United States of America therefor on even date herewith unless otherwise indicated below:

filed on January 09, 2020 , Serial No. 16/738,369 ; and

Whereas Tokyo Blectron Limited

3-1 Akasaka 5-chome,

Minato-ku, Tokyo 107-6325 Japan

(assignce), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor,

NOW THEREFORE, be it known that, for good and valuable consideration from assignee, the receipt of which is bereby acknowledged, I/WE, as assignor(s), have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the assignee, its lawful successors and assigns, MY/OUR entire right, title, and interest in and to this invention and this application, and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof; and I/WE hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue all Letters Patent for this invention to assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, I/WE HEREBY further covenant and agree that I/WE will, without further consideration, communicate with assignee, its successors and assigns, any facts known to ME/US respecting this invention and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver all papers that may be necessary or desirable to perfect the title to this invention in said assignee, its successors and assigns, execute all divisional, continuation, and reissue applications, make all rightful eaths and generally do everything possible to aid assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States, it being understood that any expense incident to the execution of such papers shall be borne by the assignee, its successors and assigns.

In the event that the patent application filing date or serial number is not known at the time this Assignment is executed, I/WE hereby grant permission to the attorneys of record in the patent application to fill in the filing date and/or serial number above, and to record this Assignment after such information is added.

	INVENTORS	DATE SIGNED
1);	Gen Tamamushi	Jan 7, 2020
Name:	Gen TAMAMUSHI	
2):	Mayuya Nagasehi	Jan 6, 2020
Name :	Kazuya NAGASEKI	
3):	Chispies Hoskinger	Jan 1, 2020
Name:	Chishio KOSHIMIZU	A Billian and a second a second and a second a second and

(Legalization not required for recording but is prima facts evidence of execution under 35 U.S.C. § 261)

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