# 507043237 12/22/2021

# PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
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TORU HISAMATSU	09/20/2018
TOMOYUKI OISHI	09/21/2018

### **RECEIVING PARTY DATA**

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City:	TOKYO	
State/Country:	JAPAN	
Postal Code:	107-6325	

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

Property Type	Number
Application Number:	17560245

### **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER:	009500-TE0150	
NAME OF SUBMITTER:	DONALD R. STUDEBAKER	
SIGNATURE:	/Donald R. Studebaker/	
DATE SIGNED:	12/22/2021	

**Total Attachments: 2** 

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PATENT 507043237 REEL: 058466 FRAME: 0622

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	<u>Name</u>	Addres	3	
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2) 7	Foru HISAMATSU	c/o Tokyo Electron Miyagi Lin	nited,	
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	Whereas	* ATTENTION		
	TOKYO ELECTRON LI			
	3-1 Akasaka			
		Tokyo 107-6325 Japan		
(assigi	ice), desires to acquire the ent	ire right, title and interest in th	e application and invention, a	nd to any United States
	s to be obtained therefor;			
	NOW THEREFORE, be it kn	own that, for good and valuabl	e consideration from assignee	, the receipt of which is
hereby	acknowledged, I/WE, as assi	gnor(s), have sold, assigned, to	ansferred, and set over, and de	o hereby sell, assign, transfer.
and so	t over unto the assignee, its law	wful successors and assigns, N	IY/OUR entire right, title, and	l interest in and to this
mventi	on and this application, and a	Il divisions, and continuations	thereof, and all Letters Patent	of the United States which
may be	granted thereon, and all reiss	mes thereof; and I/WE hereby	authorize and request the Con	unissioner of Patents and
Trader	narks of the United States to i	ssue all Letters Patent for this	invention to assignee, its succe	essors and assigns, in
accord	ance with the terms of this As	signment;	•	J.,
	AND, I/WE HEREBY further	covenant and agree that I/WE	will without further consider	ation promounicate with
assigno	ee, its successors and assigns	any facts known to ME/US re	enecting this invention and tag	tify in any least manualing
sign al	l lawful papers when called m	on to do so, execute and deliv	er all namers that may be nece	my m any legal proceeding,
the title	e to this invention in said assic	gnee, its successors and assign	or an habors mar may no nece	ssary or desirable to perfect
applica	tions, make all rightful oaths	and generally do everything po	s, exceute an divisional, comin	ination, and reissue
and en	force proper patent protection	for this invention in the Unite	d States it heing understood i	essors and assigns, to obtain hat any expense incident to the
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		INVENTORS	$\underline{\mathbf{D}}$	<u>ATE SIGNED</u>
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1):	_ Yoshihide	MANANCH		. 2018
Name	: Yo	shihide KIHARA		
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2):		Hisamatsu		0,2018
Name	: To	ni HISAMATSU		
3):				
Name	: To	omoyuki OISHI		

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Page 1 of 1

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	Name	Address	
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		c/o Tokyo Electron Miyagi Limited,	NII.
3) Ton	aoyuki OISHI	1 Techno Hills, Taiwa-cho,	
		Kurokassa-gon, Miyagi 981-3629 Jap	an en
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441	TOKYO ELECTRON	I TO COMPANY	
		ka 5-chome,	
		ı, Tokyo 107-6325 Japan	
assignee	), desires to acquire the	entire right, title and interest in the app	olication and invention, and to any United States
oatents to	be obtained therefor;		•
NO	W THEREFORE, be it	known that, for good and valuable cor	sideration from assignce, the receipt of which is
nereby ac	knowledged, I/WE, as a	ssippor(s) have sold assigned transfe	arred, and set over, and do hereby sell, assign, transfer,
and set ov	er unto the assignee ite	landil emacene and areions MVM	UR entire right, title, and interest in and to this
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i racemar	Ks of the United States to	o issue all Letters Patent for this inven	tion to assignee, its successors and assigns, in
ecordano	ce with the terms of this .	Assignment;	
AN	D, I/WE HEREBY forth	er covenant and agree that I/WE will	without further consideration, communicate with
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		<u>INVENTORS</u>	<u>DATE SIGNED</u>
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> **PATENT** REEL: 058466 FRAME: 0624

**RECORDED: 12/22/2021** 

3) : Name :