### 504437671 06/29/2017

## PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
HITOSHI ITOH	06/26/2017
MASARU HORI	06/22/2017
HIROTAKA TOYODA	06/27/2017
HARUKA SUZUKI	06/27/2017
MAKOTO SEKINE	06/26/2017

#### **RECEIVING PARTY DATA**

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Postal Code:	107-6325
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#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	15626905

#### **CORRESPONDENCE DATA**

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PATENT REEL: 042865 FRAME: 0085

504437671

ATTORNEY DOCKET NUMBER:	009500-TE0041	
NAME OF SUBMITTER:	DONALD R. STUDEBAKER	
SIGNATURE:	/Donald R. Studebaker/	
DATE SIGNED:	06/29/2017	
Total Attachments: 4		
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PATENT REEL: 042865 FRAME: 0086

# **ASSIGNMENT**

Whe	reas, I/we,				
	Name	<u>Ad</u>	dress		
1)	Hitoshi ITOH	e/o Tokyo Bleotron Limit Akasaka Biz Tower, 3-1.	Akasaka 5-chome,		
.2)	Musaru HORI	1, Foro-oho, Chikusa-ku,	Corporation Nagoya University,		
3)	Hirotaka TOYODA	I, Furo-cho, Chikusa-ku,	Corporation Nagoya University,	organistic control of the second seco	<del></del>
4)	Haruka SUZUKI	1, Furo-cho, Chikusa-ku,	Corporation Nagoya University,		<del></del>
5)	Makoto SEKINE	Nagoya-shi, Aichl 464-80 c/o National University C 1, Furo-cho, Chikusa-ku, Nagoya-shi, Aichi 464-80	Corporation Nagoya University,		
ME and	THOD		lates of America therefor	r on even date herewith unless	otherwise
	Whereas	June 19, 201/	_ , Serial No	15/626905	_; and
pate here and	National University Co 1, Furo-el Nagoya-si ignee), desires to acquire the ints to be obtained therefor, NOW THEREFORE, be it by acknowledged, I/WE, as a set over unto the assignee, its	known that, for good and val ssignor(s), have sold, assign lawful successors and assign	in the application and in luable consideration from ed, transferred, and set cons, MY/OUR entire righ	nvention, and to any United Sta m assignee, the receipt of white over, and do hereby sell, assign at, title, and interest in and to the ters Patent of the United States	ch is 1, transfer, 11s
may Trac	be granted thereon, and all re	sissues thereof, and I/WE her to issue all Letters Patent for	reby authorize and reque	est the Commissioner of Patent ee, its successors and assigns, i	ts and
sign the t appl and	gnee, its successors and assignable all lawful papers when called the to this invention in said as ications, make all rightful oat	ns, any facts known to ME/U  Lupon to do so, execute and ossignee, its successors and as the and generally do everything for this invention in the U	IS respecting this invent deliver all papers that m ssigns, execute all division ng possible to aid assign United States, it being un	er consideration, communicate ion and testify in any legal pro- nay be necessary or desirable to onal, continuation, and reissue nee, its successors and assigns, inderstood that any expense inco	ceeding, o perfect to obtain
		the attorneys of record in the	patent application to fil	at the time this Assignment is I in the filing date and/or serial	
		INVENTORS		DATE SIGNED June 26, 201	
1):	Hitosh	3 . A -1 . A			

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

Page 1 of 2

2):		
Name:	Masaru HORI	
3) f		-:
Name:	Hirotaka TOYODA	
4) :.		
4): Name:	Haruka SUZUKI	
5) ::	makoto Sekine	June 26, 2017
Name:	Makoto SEKINE	

## ASSIGNMENT

Whereas, I/we,				
Name	A	ddress	•	
	c/o Tokyo Electron Lin	nited,		•
) Hitoshi ITOH	Akasaka Biz Tower, 3-		1	
	Minato-ku, Tokyo 107		·	
) Masaru HORI	1, Furo-cho, Chikusa-k	Corporation Nagoya University,		
, 1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1,1	Nagoya-shi, Aichi 464			
	c/o National University	Corporation Nagoya University,		
) Hirotaka TOYODA	1, Furo-cho, Chikusa-k	-		
	Nagoya-shi, Aichi 464	Corporation Nagoya University,		
) Haruka SUZUKI	I, Furo-cho, Chikusa-k		;	
,	Nagoya-shi, Aichi 464	8601 Japan	•	
*		Corporation Nagoya University,		
Makoto SEKINE	1, Furo-cho, Chikusa-k Nuguya-shi, Aichi 464	=	•	
METHOD	APPARATUS, PLASMA PR	٠,		
nd executed an application r indicated below:	or Letters Patent of the United	States of America therefor	on even date herewith un.	ess otherwise
filed on	June 19, 2017	, Serial No.	15/626905	; and
Whereas	, .			
TOKYO ELECTR	ON LIMITED		:	
3-1 A	kasaka 5-chome,			
Minat	to-ku, Tokyo 107-6325 Japan			
nd, National Universit	y Corporation Nagoya Univers	ity		
1, Fu	ro-cho, Chikusa-ku,			
Nago	ya-shi, Aichi 464-8601 Japan	l	í	
assignee), desires to acquire atents to be obtained therefo	the entire right, title and interest.	st in the application and in	vention, and to any United	States
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nvention and this application may be granted thereon, and a trademarks of the United State accordance with the terms of AND, I/WE HEREBY assignee, its successors and a sign all lawful papers when che title to this invention in supplications, make all rightful and enforce proper patent pro	n, and all divisions, and continu all reissues thereof, and I/WE I ates to issue all Letters Patent fo	ations thereof, and all Lette ereby authorize and reque or this invention to assigne it I/WE will, without further /US respecting this invention deliver all papers that meassigns, execute all division hing possible to aid assigns at United States, it being un	ers Patent of the United St st the Commissioner of Pa e, its successors and assign at consideration, communi- tion and testify in any legal ay be necessary or desirab onal, continuation, and reis ee, its successors and assign	ates which tents and as, in cate with proceeding, le to perfect sane gas, to obtain
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nvention and this application hay be granted thereon, and a redemarks of the United Statecordance with the terms of AND, I/WE HEREBY ssignee, its successors and a ign all lawful papers when cate title to this invention in sapplications, make all rightful and enforce proper patent proxecution of such papers shall have the event that the parawer was and to record this Assistant and to record this Assistant was presented as the parawer of the event that the parawer was and to record this Assistant and the event that the parawer was and to record this Assistant and the event that the parawer was and to record this Assistant and the event that the parawer was and to record this Assistant and the event that the parawer was a supplication and the event that the parawer was a supplication and the event that the parawer was a supplication and the event that the parawer was a supplication and the event that the parawer was a supplication and the event that the parawer was a supplication and the event that the parawer was a supplication and the event that the parawer was a supplication and the event that the parawer was a supplication and the event that the parawer was a supplication and the event that the parawer was a supplication and the event that the parawer was a supplication and the event that the parawer was a supplication at the event that the parawer was a supplication and the event that the parawer was a supplication and the event that the parawer was a supplication and the event that the parawer was a supplication and the event that the parawer was a supplication and the event that the parawer was a supplication and the event that the parawer was a supplication and the event that the parawer was a supplication and the event that the parawer was a supplication and the event that the parawer was a supplication and the event that the parawer was a supplication and the event that the parawer was a supplication and the event that the parawer was a supplication and the event that the parawer was a supplication and t	and all divisions, and continual reissues thereof, and I/WE I ates to issue all Letters Patent for this Assignment;  further covenant and agree that assigns, any facts known to ME alled upon to do so, execute an aid assignee, its successors and I oaths and generally do everytotection for this invention in the II be bome by the assignee, its stent application filing date or so to the attorneys of record in the ignment after such information.	ations thereof, and all Lettereby authorize and request this invention to assigned it I/WE will, without further /US respecting this invention deliver all papers that meassigns, execute all division hing possible to aid assigns. United States, it being unsuccessors and assigns. erial number is not known the patent application to fill	ers Patent of the United State the Commissioner of Pate, its successors and assign a consideration, communition and testify in any legal ay be necessary or desirabonal, continuation, and reisee, its successors and assigneration of the time this Assignment in the filing date and/or set.	ates which tents and as, in cate with proceeding, le to perfect sue gas, to obtain incident to the at is executed, crial number
nvention and this application hay be granted thereon, and a redemarks of the United State coordance with the terms of AND, I/WE HEREBY ssignee, its successors and a ign all lawful papers when che title to this invention in sapplications, make all rightful nd enforce proper patent proxecution of such papers shall in the event that the parawer is not present that the parawer is not proper patent permission.	and all divisions, and continual reissues thereof, and I/WE I ates to issue all Letters Patent for this Assignment;  further covenant and agree that assigns, any facts known to ME alled upon to do so, execute an aid assignee, its successors and I oaths and generally do everytotection for this invention in the II be bome by the assignee, its stent application filing date or so to the attorneys of record in the ignment after such information.	ations thereof, and all Lettereby authorize and request this invention to assigned it I/WE will, without further /US respecting this invention deliver all papers that meassigns, execute all division hing possible to aid assigns. United States, it being unsuccessors and assigns. erial number is not known the patent application to fill	ers Patent of the United State the Commissioner of Pate, its successors and assign a consideration, communition and testify in any legal ay be necessary or desirabonal, continuation, and reisee, its successors and assigneration of the time this Assignment in the filing date and/or set.	ates which tents and as, in cate with proceeding, le to perfect sue gas, to obtain incident to the at is executed, crial number

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Page 1 of 2

	Manual Ven.	June 22 2017
2):	777	
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3):	Ith file.	Sune 27 2017
Name:	Hirotaka TOYODA	
4):	Hamka Suzaki	June 27, 2017
Name:	Haruka SUZUKI	
5):		
Name:	Makoto SEKINE	

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Page 2 of 2

REEL: 042865 FRAME: 0090