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1		ria, VA 22313-1450					
					Attorney Docket No.	<u>156384</u>	
		cord the attached document.  There of pages including cover she	et attachments and docume	eni: 4			
			7				
1.	Α.	Name of conveying parties:  1) Kazuhiro YUASA			e and address of receiving		
		2) Masanao FUKUDA		1	TACHI KOKUSA	AI ELECTRIC	
		3) Takafumi SASAKI		IN		A A CIIONE	
		4) Yasuhiro MEGAWA		i .	-1, SOTOKANDA		
		5) Masayoshi MINAMI	[	1	IIYODA-KÜ, TÖ PAN	W 1 O 1019380	
	В.	Additional name(s) of conveying	; party(ics) attached? ☐ Yes ⊠ No	<i>y</i> A.	IAN		
3.	A.	Nature of conveyance:		B. Addi	tional name(s) & addres	s(es) attached? es ⊠ No	
	×	Assignment	Merger			•	
		Security Agreement	Change of Name				
		Other					
	в. <u>4)</u> Ј	Execution Date: 1), 2), 3) & 5 February 18, 2013	) February 15, 2013;				
4.	A.	Patent Application No. 13/813.4	<u>193</u>	B. Pater	nt No.(8)		
			Additional numbers attact	ned? 🗌 Yes 🗵	] No		
	C. Title of Application: SUBSTRATE PROCESSING APPARATUS, METHOD OF PROCESSING SUBSTRATE AND METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE						
5,		ne and address of party to whom co erning document should be mailed		6. Total num	ber of applications and p	eatents involved: 1	
	Na	me: James A. Oliff		7. Please total fe	charge Deposit Accee (37 CFR 3.41) in th	ount No. 15-0461 the e amount of \$40.00.	
	Ad	dress: OLIFF & BERRIDGE, P.O. Box 320850 Alexandria, VA 22320 Phone Number: 703-83 Fax Number: 703-836	-4850 6-6400		overpayment or charge count number 15-0461.	any underpayment to	
9.	To to	ement and signature. he best of my knowledge and belie inal document.			ect and any attached cop	y is a true copy of the	
		es A. Oliff, Registration No. 27,07 n A. Smith, Registration No. 60,57					

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## ASSIGNMENT

	Insert	(1)	Kazuhiro YUASA	(2)	Masanao FUKUDA			
(1-8)	Legal Name(s)	(3)	Takufumi SAŞAKI	(4)	Yasuhiro MEGAWA			
	of Inventor(s)	(5)	Masayoshi MINAMI	(6)				
		(7)	<b>\\\\</b>	(8)				
		the und	In consideration of the sum of one dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned, the receipt and sufficiency of which are hereby acknowledged, each undersigned agrees to assign, and hereby does assign, transfer and set over to					
(9)	Insert Name of Assignee	(9)	HITACHI KOKUSAI ELECTRIÇ	CINC.				
(10)	Insert Address of	(10)	14-1, Sotokanda 4-chome, Chiyo	da-ku, Tokyo I	018980 Japan			
	•	the ent inventi continu	(hereinafter designated as the Assignes) and Assigneo's heirs, successors, assigns and legal representatives, the antire right, title and interest for the United States of America as defined in 33 U.S.C. § 100, in the invention, and in all applications for patent including any and all provisional, non-provisional, divisional, continuation, international, substitute and reissue application(s), and all Letters Patent, extensions, reissues and reexamination certificates that may be granted on the invention known as					
(11)	Invert Identification such as Title, Case	, (11)	SUBSTRATE PROCESSING AP	PARATUS, M	ETHOD OF PROCESSING SUBST	RATE AND		
	Number, or Foreign		METHOD OF MANUFACTURIN					
	Application Number	(Attorn	ney Docket No. 156384	), f	iled on even date herewith or as			
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	filed applications	filed			plication and/or patent for the inver	•		
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Dato 🔧	Feb. 15, 2013	·····	luventor Signature	Mazuk	ino Musa.	(SEAL)		
Dato _	Feb. 15, 2013 Feb. 15, 2013		Inventor Signature	masan	ace Dukuda	(SEAL)		
Date _	Feb. 15, 2013		Inventor Signature	Takafun	ri Sasaki	_ (SEAL)		
Date _				7		(SEAL)		
Dote _			Inventor Signature			_ (SEAL)		
Date _			Inventor Signature			_ (SEAL)		
Date _			Inventor Signature		***	(SEAL)		
Date _			Inventor Signature	*****		_ (SEAL)		
			signed before: (a) a Notary Public two witnesses who also sign here:		.S.A. (b) a U.S. Consul if outside ti	he U.S.A. If		
Date _		·	Witness					

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## **ASSIGNMENT**

	Invort	(I) 1	Kamphiro YUASA	(2)	Mosanao FUKUDA		
(1-8)	Logai Name(s)	(3)	Takafumi SASAKI	(4)	Yasulstro MBGAWA		
	of Inventor(s)	(5) 7	Meneyoshi MINAMI	(6)			
		(7)		(8)			
		the under	eration of the sum of one dollar ( algors, the receipt and sufficient ad hereby does neeign, transfer an	y of which are h	good and valuable consideration preceby soknowledged, each undersig	aid to each of ined agrees to	
(9)	Insert Name of Anignes	(9) 1	HITACHI KOKUSAI BLECTRI	enc.			
(10)	Insert Address of Assignee	(10)	14-1, Sotokanda 4-okome, Chiyo	da-ku, Tokyo I	018980 Japan	,	
		the entire invention continues	right, title and interest for the Ur , and in all applications for paten	nited States of A t including any a release applicati	ics, successors, useigns and legal re- merius as defined in 35 U.S.C. § 10 and all provisional, non-provisional on(s), and all Letters Patent, extensi invention known as	0, in the , divisional,	
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Date _	Feb. 18,2	<u>श्री</u>	Inventor Signature	Yasuk	iro Mogama	(SBAL)	
Date _		, , ,	Inventor Signature _	· · · · · · · · · · · · · · · · · · ·		_ (SEAL)	
Date _			Inventor Signature		,	(SEAL)	
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(l)

Kazuhiro YUASA

## **ASSIGNMENT**

Mamnao PUKUDA

1-8)	Logal Name(s)	(3)	Takafumi SASAKI	(4)	Yesubiro MEGAWA	
- 4,	of Javantor(s)	(5)	Maaayoshi MINAMI	(6)	. \$44444 (1000)	
	or recommenda?	(7)	· ·	(8)	· · · · · · · · · · · · · · · · · · ·	
		In cons	ideration of the sum of one dollar (single) designed, the receipt and sufficiency and hereby does assign, transfer an	(1.00) and other	r good and valuable consideration pa tereby acknowledged, each undersig	ld to each of ned agrees to
9)	Insert Nume of Assignes	(9)	HITACHI KOKUSAI BLECTRIC			,
10)	Insort Address of Assignee	(10)	14-1, Sotokanda 4-chome, Chiyo	ds-ku, Tokyo I	018980 Japan	
		the enti invents continu	re right, title and interest for the Un on, and in all applications for paint	ited States of A including any cales in classe applicati	ire, successors, assigns and legal rep marice as defined in 35 U.S.C. §100 and all provisional, non-provisional, on(a), and all Lotters Patent, extension invention known as	, in the divisional,
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either,	then it should be signed boi	ford at least	two witnesses who also sign here:			
) Data			Witness			
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