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Presenting (11 222.2 2.22			Atto	rney Docket No.	<u>131163</u>			
Please record the attached document.  Total number of pages including cover she	et, attachments, and docume	ent: <u>2</u>						
A. Name of conveying parties:     Hideharu ITATAN1     Hidehiro YANAI     Sadayoshi HORII     Atsushi SANO     B. Additional name(s) of conveying	g party(ies) attached? □ Yes ⊠ No	2. A.	HITACI 14-1, SC	address of receiv H KOKUSAI I TOKANDA 4 DA-KU, TOKY	ELECTRIC INC. -CHOME			
3. A. Nature of conveyance:	Merger	₿.	Additional	name(s) & addre	ess(es) attached? Yes 🔯 No			
Security Agreement	Change of Name							
B. Execution Date: <u>All - April 6</u>	<u>, 2007</u>							
4. A. Patent Application No.(s) 11/6	63,179	В.	Patent No	.(s)				
Additional numbers attached?								
C. Title of Application: SUBSTRATE PROCESSING APPARATUS AND METHOD OF MANUFACTURING SEMICONDUCTOR DEVICE								
Name and address of party to whom concerning document should be maile		6. To:	al number o	f applications and	patents involved: 1			
Name: <u>James A. Oliff</u>					count No. 15-0461 the the amount of \$40.00.			
Address: OLIFF & BERRIDGE, PLC P.O. Box 19928 Alexandria, VA 22320 Phone Number: 703-836-6400 Fax Number: 703-836-2787				payment or charg number 15-0461	e any underpayment to			
9. Statement and signature. To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.  Date: May 3, 2007								
James A. Oliff Registration No. 27,0 James E. Golladay, II Registration No.		_	. <u>-</u>	<u> </u>				

PATENT REEL: 019249 FRAME: 0391

## ASSIGNMENT

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		(1) <u>Hi</u>	deharu [TATANI	(5) <u></u>					
Nan	Insert Name(s)	(2) <u>Hi</u> d	Ichiro YANAI	(6)					
	of Inventor(s)	(3) <u>Sa</u>	iayoshi HORII	(7)					
		(4) <u>Ats</u>	sushi SANO	(8)					
		paid to each	In consideration of the sum a of the undersigned, each un	of one dollar (\$1.0	0) and other good and value	ble consideration			
<b>(9</b> )	Insert Name of Assignee	(9) <u>H</u>	ITACHI KOKUSAI ELECTR	TC INC					
(10)	Insert Address of Assignee		(10) 14-1, \$otokanda 4-chome, Chiyoda-ku, Tokyo 101-8980, Japan						
	Assignee								
		the cutire ri <sub>l</sub> invention, a continuation	designated as the Assignee) a ght, title and interest for the U nd in all applications for pater 1, international, confirmation, reissues and reexamination co	nited States of Ame it including any and substitute and reiss	rica as defined in 35 U.S.C. { l all provisional, non-provisio ue application(s), and all Lett	\$100, in the mal, divisional, ers Patent.			
(11)	Insert	(11) <u>\$10</u>	B\$TRATE PROCESSING	APPARATUS ANI	METHOD OF MANUFAC	CTURING			
	Identification such as Title, Case	SE	MICONDUCTOR DEVICE						
	Number, or Foreign		121142		· · · · · · · · · · · · · · · · · · ·				
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			ne undersigned has (have) exc e herewith or	cuted an applicatio	on for patent in the United S	tates of America			
(12)	Insert Date of Signing of	(12)							
	Application	оп			<del></del>				
(13)	Alternative	(13) <u>(</u>	I C amplication 8-4-1						
(13)		Number	J.S. application Serial	11/663,17	9				
	Identification for filed applications	filed	May 3, 2007						
any app the Assi claims o reexami Patents full righ	lication or continuation of ignee in every way possit 3). Each undersigned a previsions of the Interfaction a grant of a valid 5). Each undersigned a continuation a grant of a valid 5). Each undersigned a fit to convey the entire interest that this assignment if 6). Each undersigned of the United States result to convey the entire interest that this assignment if 6).	agrees to execute a or division thereof, ple in obtaining evi agrees to execute a national Convention agrees to perform a United States pater authorizes and requiliting from said appetes therein assign s binding on him a nereby grants the fire	Il papers necessary in connector any patent or reissue applidence and going forward with a papers and documents and in for Protection of Industrial Ill affirmative acts which may at to the Assignee. The season of the illication(s) to the said Assigned, and that he has not executed his heirs, successors, assigner, of OLIFF & BERRIDGE, P.	ication based there h such interference perform any act wi Property or similar r be necessary to ob : U.S. Patent and T cc, as Assignee of t cd, and will not ex yns and legal repres LC the power to in.	on, for the invention, and to , , , , , , , , , , , , , , , , , ,	cooperate with incetion with veissue or vand all Letters and that he has afflict herewith,			
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