Form **PTO-1595** (Rev. 07/05) OMB No. 0651-0027 (exp. 6/30/2008)

09/30/2011

RECORDATION FORM COVER SHEET **PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Pleas	se record the attached do. 10363382U			
1. Name of conveying party(ies)	2. Name and address of receiving party(ies)			
SNF SOLUTIONS, CO., LTD.	Name: TOKYO ELECTRON LIMITED			
	Internal Address:			
Additional name(s) of conveying party(ies) attached? Yes V No				
3. Nature of conveyance/Execution Date(s):	Street Address: 3-1, Akasaka 5-Chome, Minatoku			
Execution Date(s) September 14, 2011 Assignment Merger				
	City: Tokyo			
Security Agreement Change of Name				
Joint Research Agreement	State:			
Government Interest Assignment	Country: Japan 'Zip:107-6325			
Executive Order 9424, Confirmatory License				
Other	Additional name(s) & address(es) attached? ☐ Yes ✔ No			
4. Application or patent number(s): A. Patent Application No.(s) 12/659,783	document is being filed together with a new application. B. Patent No.(s) 7,503,762 7,758,341			
	ached? Yes No			
5. Name and address to whom correspondence concerning document should be mailed:	6. Total number of applications and patents involved: 3			
Name: IPUSA, PLLC	10/03/2011 AMULLINS 00000080 504424 12659/83			
Internal Address:	7. Total fee (37 CFR 1.21(h) & 3.41) \$ 120.00			
Internal Address.	Authorized to be charged by credit card			
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Street Address: 1054 31st Street, N.W., Suite 400	None required (government interest not affecting title)			
City: Washington	8. Payment Information			
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Phone Number: 202-797-4181				
Fax Number: 202-797-8188	b. Deposit Account Number 50-4424			
Email Address: ipusa@ipusapat.com	Authorized VSE1 All He 9989972 594484 1265978			
9. Signature: Martin a. Weeks	9/26/2011			
Signature				
Martin A. Weeks	Total number of pages including cover 4			
Name of Person Signing	sheet, attachments, and documents:			

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to: Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

ASSIGNMENT OF APPLICATION

WHEREAS, I, SNF SOLUTIONS, CO., LTD., of a Korean corporation, hereinafter referred to as Assignor whose post office address is Hyundai I-Valley 514, 223-12 Sangdaewon-dong, Jungwon-gu, Seongnam-si, Kyeonggi-do 462-714 Republic of Korea, assigns United States Patent Application for SUBSTRATE PROCESSING APPARATUS AND SUBSTRATE PROCESSING METHOD filed on March 22, 2010 Application Number 12/659,783 to;

TOKYO ELECTRON LIMITED, of a Japanese corporation, herein referred to as Assignee whose post office address is 3-1, Akasaka 5-Chome, Minato-ku, Tokyo 107-6325 Japan, desirous of acquiring the entire right, title and interest in the same;

NOW, therefore, in consideration of the sum of One Dollar (\$1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, the Assignor, by these presents do sell, assign and transfer unto said Assignee the full and exclusive right, to the said invention in the United States and the entire right, title and interest in and to any and all Patents which may be granted therefore in the United States, I hereby authorize and request the Commissioner of Patents and Trademarks to issue said United States Patent to said Assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Assignor hereby covenants with Assignee that, subject to the foregoing paragraph, Assignor will, execute, sign and deliver all such instruments, applications and documents, and do all such acts and things, as many reasonably be required to effectuate this Patent Assignment.

E	J ATA In	14th	Jan	September		2011
Executed	i this	7.4.011	day of		,	2011
at 5	ľokyo,	Japan				

SNF SOLUTIONS, CO., LTD.

Name: KIM Dong-Hun

Title: President

PATENT REEL: 027096 FRAME: 0515

PATENT ASSIGNMENT

WHEREAS, I, SNF SOLUTIONS, CO., LTD., a Korean corporation, hereinafter referred to as Assignor whose post office address is Hyundai I-Valley 514, 223-12 Sangdaewon-dong, Jungwon-gu, Seongnam-si, Kyeonggi-do 462-714 Republic of Korea, assigns United States Patent for an improvement in SUBSTRATE PROCESSING APPARATUS AND SUBSTRATE PROCESSING METHOD No. 7,503,762, dated March 17, 2009 to;

TOKYO ELECTRON LIMITED, a Japanese corporation, hereinafter referred to as Assignee whose post office address is 3-1, Akasaka 5-Chome, Minato-ku, Tokyo 107-6325 Japan, desirous of acquiring the entire right, title and interest in the same;

NOW, therefore, in consideration of the sum of One Dollar (\$1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, Assignor, by these presents do sell, assign and transfer unto said Assignee the entire right, title and interest in and to the said Patent aforesaid; the same to be held and enjoyed by the said Assignee for his own use and behoof, and for his legal representatives and assigns, to the end of the term for which said Patent is granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Exe	ecuted this	14th	day of	September	,	2011
at	Tokyo,	JAPAN		· · · · · · · · · · · · · · · · · · ·		

SNF SOLUTIONS, CO., LTD.

Name: KAM Dong-Hun

Title: President

PATENT REEL: 027096 FRAME: 0516

PATENT ASSIGNMENT

WHEREAS, I, SNF SOLUTIONS, CO., LTD., a Korean corporation, hereinafter referred to as Assignor whose post office address is Hyundai I-Valley 514, 223-12 Sangdaewon-dong, Jungwon-gu, Seongnam-si, Kyeonggi-do 462-714 Republic of Korea, assigns United States Patent for an improvement in UTILITY APPARATUS AND UTILITY METHOD OF SUBSTRATE PROCESSING APPARATUS No. 7,758,341, dated July 20, 2010 to;

TOKYO ELECTRON LIMITED, a Japanese corporation, hereinafter referred to as Assignee whose post office address is 3-1, Akasaka 5-Chome, Minato-ku, Tokyo 107-6325 Japan, desirous of acquiring the entire right, title and interest in the same;

NOW, therefore, in consideration of the sum of One Dollar (\$1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I, Assignor, by these presents do sell, assign and transfer unto said Assignee the entire right, title and interest in and to the said Patent aforesaid; the same to be held and enjoyed by the said Assignee for his own use and behoof, and for his legal representatives and assigns, to the end of the term for which said Patent is granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Execut	ted this	_14th	day of	September	,	2011 ,
at	Tokyo,	JAPAN	,			

SNF SOLUTIONS, CO., LTD.

By: Name: KIM Bong-Hun

Title: President

PATENT REEL: 027096 FRAME: 0517

RECORDED: 09/26/2011