## **ASSIGNMENT 1**

09-22-2005

SHEET

Patents Only

	To: Commissioner for Patents:	BAIGH STILL - CO.		Date: Se	ptember 15, 2005	
	103086		523		ney Docket No. 5649-1567	
Please record the attached original documents or copy thereof.						
7	1. Name of conveying party(ies):		2. Name and ad	ldress of receiving party(ies):	٥ ا	
	[1.] Ui-hui Kwon		Samsung Electr			
, <sub> </sub>	[2.] Gyeong-su Keum			ng, Yeongtong-gu	တက် 🚾 တ	
1	[3.] Won-young Chung		Suwon-si, Gyeo		⊃C = 35	
ا ر	[4.] Kwang-ho Cha		Republic of Ko	rea	50 60	
	[5.] Young-tae Kim				25	
- 1	[6.] Seung-ki Chae				7	
	[7.] Jai-hyung Won					
I	[8.] Young-kwan Park [9.] Tai-kyung Kim					
	Additional name(s) of conveying party(ies) attached? Yes _X	. No				
Ï						
I	3. Nature of conveyance:		Additional name(	s) & address(es) attached? Yes X	. No	
	X_ Assignment Merger		7 100107071017110110(1	1es <u></u>		
ı	Merger Security Agreement					
	Security Agreement Change of Name					
ł	Other					
	Execution Date: [1.] September 2, 2005; [2.] September 2, 2005	ember 2,				
١	2005; [3.] September 2, 2005; [4.] September 2, 2005					
	September 2, 2005; [6.] September 2, 2005; [7.] September 2,					
Ì	2005; [8.] September 2, 2005; [9.] September 2, 2005					
	4. Application Serial NoPatent No					
	If this document is being filed together with a new application, the execution date of the application					
is: [1.] September 2, 2005; [2.] September 2, 2005; [3.] September 2, 2005; [4.] September 2, 2005; [5.] September 2, 2005; [6.] September 2, 2005; [8.] September 2, 2005; [9.] September 2, 2005				ember 2, 2005;		
				] September 2, 2005		
	Additional numbers attached? Yes _X_ No					
	Name and address of party to whom correspondence concerning document should be mailed:		6. Total numbe	er of applications and patents in	ivolved:l	
			7. Total fee (37 CFR 3.41) \$40.00			
i	Shawna Cannon Lemon		X Enclo			
	Myers Bigel Sibley & Sajovec			orized to be charged to deposit	account	
	P. O. Box 37428					
7	Raleigh NC 27627		0.70			
	_		8. Deposit acco	ount number: 50-0220		
9/ <del>80/2005 SHASSEN1 00000020 11227511                               </del>			E THIS SPACE	HIS SPACE		
- 1						
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 confidence of the original document.						
	Shawna Cannon Lemon, #53,888	MILM	MA	September 1:	<u>5, 2005</u>	
	Name of Person Signing Signature		umbar of massa !	Date	to and door	
Total number of pages including cover sheet, attachment CERTIFICATE OF EXPRESS MAILING						
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service under 37 CFR § 1.10 on the date indicated above and is addressed to: Commissioner for Patents, P.O. Box 1450, A					exandria, VA 22313-	
	1450. Susan E. Freeducen					

**PATENT** 

**REEL: 017000 FRAME: 0001** 

Attorney Docket No. 5649-1567

## ASSIGNMENT

THIS ASSIGNMENT, made by us, Ui-hui Kwon, citizen of the Republic of Korea, residing at Rm. 204, 214-7, Seocheon-ri, Giheung-eub, Yongin-si, Gyeonggi-do, Republic of Korea; Gyeong-su Keum, citizen of the Republic of Korea, residing at 614-205, Boscong Apt., 1265, Gwonseon-dong, Gwonseon-gu, Suwon-si, Gyeonggi-do, Republic of Korea; Won-young Chung, citizen of the Republic of Korea, residing at 402-201, Shinyeongtong Hyundai Apt., Banwol-ri, Tacan-eub, Hwaseong-si, Gyeonggi-do, Republic of Korea; Kwang-ho Cha, citizen of the Republic of Korea; residing at 107-1104, SK Apt., Seocheon-ri, Giheung-eub, Yongin-si, Gyeonggi-do, Republic of Korea; Young-tae Kim, citizen of the Republic of Korea, residing at 103-508, Dongsuwon LG Village, Mangpo-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea; Seung-ki Chae, citizen of the Republic of Korea; residing at 103-701, Daewoo Hyoryeong Apt., 1038, Bangbae-dong, Seocho-gu, Seoul, Republic of Korea; Jai-hyung Won, citizen of the Republic of Korea, residing at Rm. 501, 919-33, Daechi 4-dong, Gangnam-gu, Seoul, Republic of Korea; Young-kwan Park, citizen of the Republic of Korea, residing at 104-901, Kukdong Apt., Maetan 2-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea; and Tai-kyung Kim, citizen of the Republic of Korea, residing at 707-505, Mongnyeon Woosung Apt., Beomgye-dong, Dongan-gu, Anyang-si, Gyeonggi-do, Republic of Korea;

WITNESSETH: That,

WHEREAS, we are the joint inventors of certain new and useful improvements in ION IMPLANTERS HAVING AN ARC CHAMBER THAT AFFECTS ION CURRENT DENSITY, for which an application for United States Letters Patent has been filed, or is being filed concurrently, in the United States Patent and Trademark Office. We hereby authorize and request Myers Bigel Sibley & Sajovec, P.A., to insert here in parentheses (Application No. \_\_\_\_\_\_\_, filed \_\_\_\_\_\_\_) the filing date and application number of said application when known or to file this Assignment concurrently with the application; and

WHEREAS, Samsung Electronics Co., Ltd., a Korean corporation having a principal place of business at 416 Mactan-dong, Ycongtong-gu, Suwon-si, Gyeonggi-do, Republic of Korea, hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention as described in said application, and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all continuations, continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or other forms of protection thereof which may be granted therefor or thereon, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereon or therefor, together with the right to claim the priority of said application in all foreign countries in accordance with the International Convention, the same to be held and enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by us if this assignment and sale had not been made.

We hereby request that said Letters Patent be issued in accordance with this assignment.

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Attorney Docket No. 5649-1567

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that we have the unencumbered right and authority to make this assignment.

We further covenant and agree to promptly communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives; and we hereby instruct, and further covenant and agree to bind our heirs, legal representatives, and assigns, to do same, without further compensation, but at the expense of said assignee or its representatives.

, 20 <u>05</u>		
_	Wi hi kwan	(SEAL)
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_	Young-tae Kim	
	_	(SEAL)
_	Jui hyung Won	(SEAL)
-	886	(SEAL)
-	Laylan	(SEAL)
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		Ui hui kwan Ui-hui Kwan Ui-hui Kwan Gyeong-su Keum Gyeong-su Keum Won-Joang Ohurg Won-young Chung Fwang-ho Cha Kwang-ho Cha

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