

## PATENT ASSIGNMENT

Electronic Version v1.1  
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Applied Nanotech Holdings, Inc.	04/10/2012
RECEIVING PARTY DATA	
Name:	Samsung Electronics Co., Ltd.
Street Address:	416, Maetan 3-dong, Yeongtong-gu
Internal Address:	Gyeonggi-do
City:	Suwon-si
State/Country:	KOREA, REPUBLIC OF
Postal Code:	443-742
PROPERTY NUMBERS Total: 7	
Property Type	Number
Patent Number:	6084338
Patent Number:	6111354
Patent Number:	6107732
Patent Number:	6777869
Patent Number:	6064148
Patent Number:	6739932
Patent Number:	6700454
CORRESPONDENCE DATA	
Fax Number:	9198541401
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	9198541400
Email:	criggs@myersbigel.com
Correspondent Name:	MBSS/Candi L. Riggs
Address Line 1:	4140 Parklake Avenue
Address Line 2:	Suite 600

Address Line 4: Raleigh, NORTH CAROLINA 27612

ATTORNEY DOCKET NUMBER:

5649-3473

NAME OF SUBMITTER:

Candi L. Riggs

Total Attachments: 3

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## ASSIGNMENT of PATENTS

This Assignment of Patents ("*Assignment*") is made and entered into on this Second day of April 2012, by and between:

**Applied Nanotech Holdings, Inc.**, a company organized and existing under the laws of Texas having offices at 3006 Longhorn Blvd, Suite 107, Austin, Texas 78758-7631 ("*Assignor*"); and **Samsung Electronics Co., Ltd.**, a company organized and existing under the laws of Republic of Korea, having offices at 416, Maetan 3-dong, Yeongtong-gu, Suwon-si, Gyeonggi-do, 443-742 Republic of Korea ("*Assignee*").

WHEREAS, *Assignor* is the owner of all right, title and interest in, and has agreed to assign and transfer to *Assignee* all right, title and interest in and to the patents listed in the table attached hereto as Schedule A (the "*Assigned Patents*"); and

WHEREAS, *Assignee* is desirous of acquiring all right, title, and interest in and to the *Assigned Patents*.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, *Assignor* hereby assigns to *Assignee* any and all of *Assignor*'s right, title and interest in and to the *Assigned Patents*, including any and all past, present and future causes of action and other enforcement actions (including, without limitation, for injunctive remedies and relief) and rights to damages and profits, due or accrued, relating to any of the foregoing, including the right to sue and recover for, and the right to profits and damages, due or accrued, arising out of or in connection with, any and all past, present or future infringements or dilutions.

*Assignor*, for itself, and its heirs, assigns, and legal representatives hereby further covenants to and with *Assignee* and its successors, assigns, and legal representatives to fully cooperate therewith in perfecting this *Assignment* in the United States and in any and all foreign jurisdictions, said cooperation extending to the *Assigned Patents*, and including the execution of additional assignments or other formal documents as may be required in connection therewith.

IN WITNESS WHEREOF, *Assignor* has caused this *Assignment* to be executed by its duly authorized representative on the date set forth below.

ASSIGNOR:

Applied Nanotech Holdings, Inc.

By: 

Name: Zvi Yaniv

Title: President

Date: April 10, 2012

PATENT

REEL: 029709 FRAME: 0092

ATTESTATION OF SIGNATURE PURSUANT TO 28 U.S.C. § 1746

The undersigned witnessed the signature of Zvi Yaniv to the above *Assignment* on behalf of **Applied Nanotech Holdings, Inc.** and makes the following statements:

1. I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.
2. Zvi Yaniv is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on April 10, 2012 to execute the above *Assignment* on behalf of **Applied Nanotech Holdings, Inc.**
3. Zvi Yaniv subscribed to the above *Assignment* on behalf of **Applied Nanotech Holdings, Inc.**
4. I declare under penalty of perjury under the laws of the United States of America that the statements made in the three (3) numbered paragraphs immediately above are true and correct.

EXECUTED on April 10, 2012 (date)

Olga B. Tikhonski  
Print Name: Olga B. Tikhonski



**SCHEDULE A**  
**Assigned Patents**

Application No.	Patent No.	Issue Date	Title of Patent
08/868,644	6,127,773	10/3/2000	AMORPHIC DIAMOND FILM FLAT FIELD EMISSION CATHODE
09/312,548	6,084,338	7/4/2000	CATHODE ASSEMBLY WITH DIAMOND PARTICLES AND LAYER
09/359,409	6,111,354	8/29/2000	FIELD EMISSION LAMP STRUCTURES
09/114,721	6,107,732	8/22/2000	INHIBITING EDGE EMISSION FOR AN ADDRESSABLE FIELD EMISSION THIN FILM FLAT CATHODE DISPLAY
10/410,018	6,777,869	8/17/2004	TRANSPARENT EMISSIVE DISPLAY
08/859,692	6,064,148	5/16/2000	FIELD EMISSION DEVICE
10/164,530	6,739,932	5/25/2004	FIELD EMISSION DISPLAY USING CARBON NANOTUBES AND METHODS OF MAKING THE SAME
10/185,763	6,700,454	3/2/2004	INTEGRATED RF ARRAY USING CARBON NANOTUBE CATHODES

**PATENT**