PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------|----------------|
| Robert S. Dubrow | 07/23/2010 |
| Carlos Casillas | 07/26/2010 |

RECEIVING PARTY DATA

| Name: | Nanosys, Inc. | |
|-----------------|---------------------|--|
| Street Address: | 2625 Hanover Street | |
| City: | Palo Alto | |
| State/Country: | CALIFORNIA | |
| Postal Code: | 94304 | |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 12824485 |

CORRESPONDENCE DATA

Fax Number: (650)331-2191

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 6503312194

Email: mchan@nanosysinc.com

Correspondent Name: Nanosys, Inc.
Address Line 1: 2625 Hanover Street

Address Line 4: Palo Alto, CALIFORNIA 94304

ATTORNEY DOCKET NUMBER: 01-010901

NAME OF SUBMITTER: Michelle Chan

Total Attachments: 1

source=12824485 assign#page1.tif

PATENT REEL: 024782 FRAME: 0499 ICH \$40.00

501251778

ASSIGNMENT OF PATENT APPLICATION

JOINT

(a)

WHEREAS Robert S. Dubrow of 766 Orange Avenue, San Carlos, CA 94070 and Carlos Casillas of 105-16th Avenue, Santa Cruz, CA 95062, hereinafter referred to as "Assignor(s)," is/are the inventor(s) of the invention described and set forth in the below identified application for a United States Letters Patent:

| Title of the Invention: | Apparatus and Met | thods for High Density Nanowire Growth |
|--|--|--|
| Filing Date: | June 28, 2009 | |
| Serial No.: | 12/824,485 | ; and |
| 94304, hereinafter referre | ed to as "Assignee," is | E corporation located at 2625 Hanover Street, Palo Alto, CA desirous of acquiring an interest in the invention and trations which may be granted on the same; |
| has assigned, and by these invention and application designs), and in and to an the United States and all oby the Paris Convention. successors and assigns as this assignment not been granted thereon, or of any reissue, prolongation or expectation of the cooperate with Assigned invention and any improvincluding patent application lawfully may request to o | e presents does assign and to all foreign course patent and Recountries of the world, The right, title and interpretation fully and exclusively made, for the full terms division, renewal, conxtension thereof. (s) that Assignor(s) within the prosecution of Urements, (b) execute, wons and instruments of the prosecution of maintain Letters. | Twhich is hereby acknowledged by Assignor(s), Assignor(s) to Assignee all right, title and interest in and to the interparts (including patent, utility model, and industrial Registrations which may hereafter be granted on the same in and to claim the priority from the application as provided terest is to be held and enjoyed by Assignee and Assignee's as it would have been held and enjoyed by Assignor(s) had not any Letters Patent and Registrations which may be intinuation, in-whole or in-part, substitution, conversion, will without charge to Assignee, but at Assignee's expense, (a) J.S. Patent applications and foreign counterparts on the verify, acknowledge and deliver all such further papers, if transfer and (c) perform such other acts as Assignee are Patents and Registrations for the invention and vest title thereto in Assignee or Assignee's successors and |
| IN TES indicated. | TIMONY WHEREO | F, Assignor(s) has signed his or her name on the date |
| Date: 7/23/ | 10 | Robert S. Dubrow |
| Date: 07-26- | 10 | Carlos Casillas |

PATENT REEL: 024782 FRAME: 0500

RECORDED: 08/03/2010