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To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Adeline Chan Shanzhong Wang
Ivan Teo Vincenzo Vinciguerra
Zhonglin Miao

Execution Date(s) 11/27/08, 11/27/08, 11/27/08, 12/2/08, 11/27/08

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance:

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other

2. Name and address of receiving party(ies)

Name: STMicronics Asia Pacific Pte., Ltd.

Internal Address:

Street Address: 5A Serangoon North Ave. 5

City: Singapore

State:

Country: Singapore Zip: 554574

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☒ This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

12/324,685

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Lisa K. Jorgenson, Esq.

Internal Address: STMicronics, Inc.

Street Address: 1310 Electronics Drive

City: Carrollton

State: TX Zip: 75006

Phone Number:

Fax Number:

Email Address:

6. Total number of applications and patents involved:

1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card
☒ Authorized to be charged to deposit account
☒ Enclosed
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers
Expiration Date

b. Deposit Account Number 00000040 12324685

01 FC:8021

Authorized User Name

40.00 00

9. Signature:

William A. Munck

Signature

March 30, 2009
Date

William A. Munck, Reg. No. 39,308

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

3

ASSIGNMENT

WHEREAS, We, Adeline Chan, a resident of Singapore, and a citizen of Singapore, Ivan Teo, a resident of Singapore, and citizen of Singapore, Zhonglin Miao, a resident of Singapore, and a citizen of Singapore, Shanzhong Wang, a resident of Singapore, and a citizen of Singapore, and Vincenzo Vinciguerra, a resident of Italy, and citizen of Italy, have invented certain new and useful improvements in "MATERIAL FOR GROWTH OF CARBON NANOTUBES" disclosed in an application for United States Letters Patent filed in the United States Patent and Trademark Office on November 26, 2008 and assigned Application No. 12/324,685;

WHEREAS, STMICROELECTRONICS ASIA PACIFIC PTE., LTD., a corporation organized under the laws of Singapore, having a place of business at 5A Serangoon North Avenue 5, Singapore, Singapore 554574 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring our entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;


NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; we authorize Lisa K. Jorgenson of STMicroelectronics, Inc. and William A. Munck, John T. Mockler, and Daniel E. Venglarik of Munck Carter, LLP to insert in the parenthesis above the application number and filing date of said application when known; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to the said ASSIGNEE of our entire right, title and interest.

We also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.


We hereby further agree that we will communicate to said ASSIGNEE, or to its successors, assigns and legal representatives, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, and make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said

ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

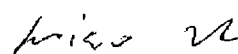
Date: 27/11/08


Adeline Chan

Date: 27/11/08


Ivan Teo

Date: 27/11/08


Zhong-lin Miao

Date: 2/12/08


Shanzhong Wang

Date: 27/11/08


Vincenzo Vinciguerra

DOCKET NO.: 07-SIN-064 (STMI01-07064)

PATENT

Customer No.: 30425

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : Adeline Chan, et al.
Application No. : 12/324,685
Filed : November 26, 2008
For : MATERIAL FOR GROWTH OF CARBON NANOTUBES
Art Unit : 1793
Examiner : Not Yet Assigned

**MAIL STOP ASSIGNMENT
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Director of the U.S. Patent and Trademark Office
P.O. Box 1450
Alexandria, VA 22313-1450

CERTIFICATE OF MAILING BY FIRST CLASS MAIL

Sir:

The undersigned hereby certifies that the following documents:

- 1) Recordation Form Cover Sheet;
- 2) Executed Assignment;
- 3) Check in the amount of \$40.00; and
- 4) A postcard receipt

relating to the above application, were deposited as "First Class Mail" with the United States Postal Service, addressed to Mail Stop Assignment Recordation Services, Director of the U.S. Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313-1450, on March 30, 2009.

Date: March 30, 2009

Adeline Chan
Mailer

Date: March 30, 2009

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