

10-14-2004

U.S. Department of Commerce
Patent and Trademark Office
Attorney Docket No. 09140.0016-01
(Former Atty Dkt. No. M-12245 US)
Attorney Customer Number: 22,852To the Honorable Commissioner of Patents
Please record the attached original documents or copy thereof.

102858783

ATTN. BOX ASSIGNMENTS

17302 U.S. PTO
10/954182

100104

1. Name of conveying parties: Hongmei Zhang Mukundan Narasimhan Ravi B. Mullapudi Richard E. Demaray 10-1-04		2. Name and address of receiving party: Name: Symmorphix, Inc.	
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Internal Address:	
3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other:		Street Address: 1278 Reamwood Avenue City: Sunnyvale State: California Zip Code: 94089-2233	
Execution Dates: June 18, 2003; October 27, 2003		Additional name(s) & Address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	
4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application: A. Patent Application Number(s): Continuation of Appl. No. 10/101,863 entitled BIASED PULSE DC REACTIVE SPUTTERING OF OXIDE FILMS filed herewith Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No B. Patent Number(s): <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No			
5. Name and address of party to whom correspondence concerning document should be mailed: Name: Gary J. Edwards Internal Address: FINNEGAN, HENDERSON, FARABOW, GARRETT & DUNNER, L.L.P. Street Address: 1300 I Street, N.W. City: Washington, D.C. State: Zip: 20005-3315		6. Total number of applications and registrations involved: 1 7. Total fee (37 CFR 3.41): \$40.00 <input checked="" type="checkbox"/> Enclosed (Please charge deficiency to deposit account) <input type="checkbox"/> Authorized to be charged to deposit account	
8. Deposit Account No.: 06-0916		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 copy of the original document. Gary J. Edwards Reg. No. 41,008 Signature September 30, 2004 Date	

Total number of pages including cover sheet, attachments and documents: 3

ASSIGNMENT

WHEREAS WE, the below named inventors, [hereinafter referred to as Assignor], have made an invention entitled:

BIASED PULSE DC REACTIVE SPUTTERING OF OXIDE FILMS

for which we executed an application for United States Letters Patent concurrently herewith or filed an application for United States Letters Patent March 16, 2002, (Application No. 10/101,863); and

WHEREAS, SYMMORPHIX, INC., a corporation of Delaware, whose post office address is 1278 Reamwood Avenue, Sunnyvale, CA 94089-2233 (hereinafter referred to as Assignee), is desirous of securing the entire right, title, and interest in and to this invention in all countries throughout the world, and in and to the application for United States Letters Patent on this invention and the Letters Patent to be issued upon this application;

NOW THEREFORE, be it known that for good and valuable consideration the receipt of which from Assignee is hereby acknowledged, we, as Assignors, have sold, assigned, transferred, and set over, and do hereby sell, assign, transfer, and set over unto the Assignee, its lawful successors and assigns, my entire right, title, and interest in and to this invention; and this application, Application No. 10/101,863, filed March 16, 2002; and all divisions, and continuations thereof, and all Letters Patent of the United States which may be granted thereon, and all reissues thereof, and all rights to claim priority on the basis of this application, Application No. 10/101,863, filed March 16, 2002, and all applications for Letters Patent which may hereafter be filed for this invention in any foreign country and all Letters Patent which may be granted on this invention in any foreign country, and all extensions, renewals, and reissues thereof; and we hereby authorize and request the Commissioner of Patents and Trademarks of the United States and any official of any foreign country whose duty it is to issue patents on applications as described above, to issue all Letters Patent for this invention to Assignee, its successors and assigns, in accordance with the terms of this Assignment;

AND, WE HEREBY covenant that we have the full right to convey the interest assigned by this Assignment, and we have not executed and will not execute any agreement in conflict with this Assignment;

AND, WE HEREBY further covenant and agree that we will, without further consideration, communicate with Assignee, its successors and assigns, any facts known to us respecting this invention, and testify in any legal proceeding, sign all lawful papers when called upon to do so, execute and deliver any and all papers that may be necessary or desirable to perfect the title to this invention in said Assignee, its successors or assigns, execute all divisional, continuation, and reissue applications, make all rightful oaths and generally do everything possible to aid Assignee, its successors and assigns, to obtain and enforce proper patent protection for this invention in the United States and any foreign country, it being understood that any expense incident to the execution of such papers shall be borne by the Assignee, its successors and assigns.

IN TESTIMONY WHEREOF, we have hereunto set our hands.

State of CALIFORNIA
County of SANTA CLARA

ss.

NAME: Hongmei Zhang
ADDRESS: 1330 Rodney Drive
San Jose, CA 95118



BY:

Hongmei Zhang
Hongmei Zhang

DATE:

6/18/2003

Subscribed and sworn to before me this 18 day of June, 2003.

Linda Henson Notary Public

JOINT INVENTION
(Worldwide Rights)

State of CALIFORNIA
County of SANTA CLARA

ss.

NAME: Mukundan Narasimhan
ADDRESS: 293 Bluefield Drive
San Jose, CA 95136



BY: N. M. Narasimhan
Mukundan Narasimhan
DATE: 06/18/03

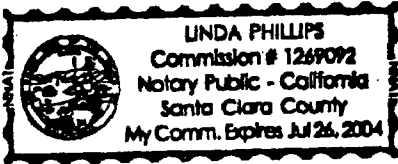
Subscribed and sworn to before me this 18th day of June, 2003.

Linda Henson, Notary Public

State of CALIFORNIA
County of SANTA CLARA

ss.

NAME: Ravi B. Mullapudi
ADDRESS: 2117 Shiangzone Court
San Jose, CA 95121



BY: R. B. Mullapudi
Ravi B. Mullapudi
DATE: 10/27/03

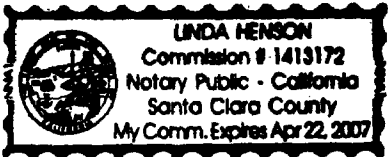
Subscribed and sworn to before me this 27 day of October, 2003.

Linda Phillips, Notary Public

State of CALIFORNIA
County of SANTA CLARA

ss.

NAME: Richard E. Demaray
ADDRESS: 190 Fawn Lane
Portola Valley, CA 94028



BY: Richard E. Demaray
Richard E. Demaray
DATE: June 19 2003

Subscribed and sworn to before me this 19th day of June, 2003.

Linda Henson, Notary Public