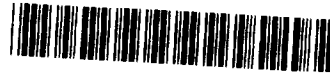


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(Rev. 6-93)  
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RECORDATION FOR  
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101118846

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To the Honorable Commissioner of Patents and Trademarks: Please record this document and return a copy thereof.

1. Name of conveying party(ies):

Andrei Kornilov

Additional names(s) of conveying party(ies)  Yes  No

2. Name and address of receiving party(ies):

Name: Research Foundation of State University of New York

Address: P.O. Box 9

City: Albany State/Prov.: NY

Country: USA ZIP: 12201-0009

Additional name(s) & address(es)  Yes  No

3. Nature of conveyance:

- Assignment  Merger
- Security Agreement  Change of Name
- Other \_\_\_\_\_

Execution Date: 7/28/99

4. Application number(s) or registration numbers(s):

If this document is being filed together with a new application, the execution date of the application is: \_\_\_\_\_

Patent Application No.      Filing date

09/314,762                      5/19/99

B. Patent No.(s)

Additional numbers  Yes  No

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

Name: Mary Louise Gioeni

Registration No. 41,779

Address: HESLIN & ROTHENBERG, P.C.

5 Columbia Circle

City: Albany State/Prov.: NY

Country: USA ZIP: 12203-5160

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41):.....\$ 40.00

Enclosed - Any excess or insufficiency should be credited or debited to deposit account

Authorized to be charged to deposit account

8. Deposit account number:

08-1935

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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.

Mary Louise Gioeni

*Mary Louise Gioeni*

August 10, 1999

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and

5

PATENT

REEL: 010160 FRAME: 0396

ASSIGNMENT

WHEREAS, We, **Alain E. Kaloyeros**, residing at 203 Forest Haven Drive, Slingerlands, NY, citizen of the United States of America; **John T. Welch**, residing at 11 Parkwood Avenue, Albany, NY 12203, citizen of the United States of America; **Paul J. Toscano**, residing at 120 Mohawk Drive Schenectady, New York 12303, citizen of the United States of America; **Rolf Claessen**, residing at 164 N. Allen Street, Albany, NY 12208, a citizen of Germany; **Andrei Kornilov**, residing at 56A Geroev Stalingrada Av. #77, Kiev, Ukraine 252213, citizen of Ukraine; and **Kulbinder Kumar Banger**, residing at 94 North Pine, Apt. 4, Albany, New York 12203, citizen of United Kingdom, have invented certain new and useful improvements in MOCVD PROCESSES USING PRECURSORS BASED ON ORGANOMETALLOID LIGANDS for which We have executed an application for Letters Patent of the United States, of even date herewith, said application previously filed on May 19, 1999 as Attorney Docket No. 0794.018, and now assigned Serial No.: 09/314,762; and (AK, 28.07.99)

WHEREAS, **Research Foundation of State University of New York** having offices at P.O. Box 9, Albany, NY 12201-0009, is desirous of obtaining the entire right, title and interest in, to and under the said improvements and the said application;

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to us in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, We the said **Alain Kaloyeros, John T. Welch, Paul J. Toscano, Rolf Claessen, Andrei Kornilov, and Kulbinder Kumar Banger** have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said **Research Foundation of State University of New York**, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and We hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said **Research Foundation of State University of New York**, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that We have full right to convey the entire interest herein assigned, and that We have not executed, and will not execute, any agreement in conflict herewith.

AND WE HEREBY further covenant and agree that We will communicate to the said **Research Foundation of State University of New York**, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said **Research Foundation of State University of New York**, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this  
\_\_ day of \_\_\_\_\_, 19\_\_.

\_\_\_\_\_  
Alain Kaloyeros

STATE OF            )  
                          ) ss.:  
COUNTY OF        )

On this \_\_ day of \_\_\_\_\_, 19\_\_, before me personally came Alain Kaloyeros, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

\_\_\_\_\_  
Notary Public

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this  
\_\_ day of \_\_\_\_\_, 19\_\_.

\_\_\_\_\_  
John T. Welch

STATE OF            )  
                          ) ss.:  
COUNTY OF        )

On this \_\_ day of \_\_\_\_\_, 19\_\_, before me personally came John T. Welch, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

\_\_\_\_\_  
Notary Public

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this  
\_\_ day of \_\_\_\_\_, 19\_\_.

\_\_\_\_\_  
Paul J. Toscano

STATE OF            )  
                          ) ss.:  
COUNTY OF        )

On this \_\_ day of \_\_\_\_\_, 19\_\_, before me personally came Paul J. Toscano, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

\_\_\_\_\_  
Notary Public

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this  
\_\_ day of \_\_\_\_\_, 19\_\_.

\_\_\_\_\_  
Rolf Claessen

STATE OF            )  
                          ) ss.:  
COUNTY OF        )

On this \_\_ day of \_\_\_\_\_, 19\_\_, before me personally came Rolf Claessen, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

\_\_\_\_\_  
Notary Public

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this  
\_\_ day of \_\_\_\_\_, 19\_\_.

\_\_\_\_\_  
Kulbinder Kumar Banger

STATE OF )  
                  ) ss.:  
COUNTY OF )

On this \_\_ day of \_\_\_\_\_, 1999, before me personally came Kulbinder Kumar Banger, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

\_\_\_\_\_  
Notary Public

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this  
28 day of July, 1999

Kornilov  
\_\_\_\_\_  
Andrei Kornilov

Kulik (Kulik)

\_\_\_\_\_  
Witness

Shevchenko (SHEVCHENKO)  
\_\_\_\_\_  
Witness