

04-30-2001

## RECORDATION FORM COVER SHEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

01

## PATENTS ONLY

101692811

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Jillian M. Buriak  
Michael P. Stewart  
Edward Robins

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

Name: **Purdue Research Foundation**

Internal Address:

APR 2 2001

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

## 3. Nature of conveyance:

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

Street Address: **1291 Cumberland Avenue**City: **West Lafayette** State: **IN** ZIP: **47906**Execution Date: **February 5, 7, and 9, 2001**Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 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: \_\_\_\_\_

A. Patent Application No.(s)

B. Patent No.(s)

**09/716,614**Additional numbers attached? ☐ Yes ☒ No

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

Name: **Rebecca L. Ball**Internal Address: **Barnes & Thornburg**Street Address: **11 S. Meridian Street**City: **Indianapolis** State: **IN** ZIP: **46201**

## 6. Total number of applications and patents involved:

**1**7. Total fee (37 CFR 3.41):.....\$ **120.00**

- ☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account  
☐ Authorized to be charged to deposit account

## 8. Deposit account number:

DO NOT USE THIS SPACE

## 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.***Rebecca L. Ball***Rebecca L. Ball***4/16/00**

Name of Person Signing

Signature

**10**

Date

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

**ASSIGNMENT**

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned,

Name(s)  
of Inventor(s) Jillian M. Buriak,  
Michael P. Stewart,  
Edward Robins and  
\_\_\_\_\_

maker(s) of an invention which is the subject of an application for Letters Patent of the United States ("Application") entitled

Title of  
Application FUNCTIONALIZED SILICON SURFACES

which has been executed by the undersigned on

Date of  
signing of  
Application by  
each inventor 02/07/01, \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_

the undersigned hereby sell(s), assign(s), and set(s) over to

Name of  
Assignee Purdue Research Foundation

Address of  
principal  
place of  
business 1291 Cumberland Avenue  
West Lafayette, Indiana 47906 USA

Insert State of  
Incorporation  
(if applicable) or  
"Not Applicable" a corporation of Indiana

(hereinafter designated as the Assignee) their entire right, title, and interest in, to, and under the Application, including all priority rights for other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries, including Canada, which may be granted for such inventions, or any of them, all such inventions and all rights in such Application and Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the application(s) in the United States and foreign countries and any continuing, divisional, or reissue applications thereof, and any reexamination of any of such applications, and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared or litigation concerning the application(s) or continuation, division, reissue, or reexamination thereof, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or litigation.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

ASSIGNMENT TO BUSINESS CONCERN

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application(s) or any division or divisions or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, I have executed this assignment at West Lafayette, IN  
this 7th day of February, 2001.

Outside the USA: \_\_\_\_\_  
Witnesses are \_\_\_\_\_  
required when \_\_\_\_\_  
acknowledgment \_\_\_\_\_  
before a Notary \_\_\_\_\_  
Public is not \_\_\_\_\_  
feasible. \_\_\_\_\_  
Witness

Jillian M. Buriak  
Inventor (Signature)

Jillian M. Buriak  
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF INDIANA }  
COUNTY OF TIPPECANOE } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal  
this 7th day of February, 2001.

Donna D. Wilkinson  
Notary Public

**DONNA D. WILKINSON**  
NOTARY PUBLIC, STATE OF INDIANA  
MY COMMISSION EXPIRES FEBRUARY 25, 2007  
Printed Name

My Commission Expires: 2/25/07

Resident of Benton County

IN WITNESS WHEREOF, I have executed this assignment at \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 2000.

Outside the USA: \_\_\_\_\_  
Witnesses are required when acknowledgment before a Notary Public is not feasible.  
\_\_\_\_\_ Witness  
\_\_\_\_\_ Witness

\_\_\_\_\_  
Inventor (Signature)  
  
\_\_\_\_\_  
Michael P. Stewart  
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal  
this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

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

\_\_\_\_\_  
Printed Name

My Commission Expires: \_\_\_\_\_

Resident of \_\_\_\_\_ County

-----  
IN WITNESS WHEREOF, I have executed this assignment at \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 2000.

Outside the USA: \_\_\_\_\_  
Witnesses are required when acknowledgment before a Notary Public is not feasible.  
\_\_\_\_\_ Witness  
\_\_\_\_\_ Witness

\_\_\_\_\_  
Inventor (Signature)  
  
\_\_\_\_\_  
Edward Robins  
Inventor (Printed Name)

-----  
U.S. Application Serial No. 09/716,614

Filing Date 20 November 2000

IND502 RVB 360941v1

# ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned,

Name(s) of Inventor(s) Jillian M. Buriak,  
Michael P. Stewart,  
Edward Robins and,  
\_\_\_\_\_

maker(s) of an invention which is the subject of an application for Letters Patent of the United States ("Application") entitled

Title of Application FUNCTIONALIZED SILICON SURFACES

which has been executed by the undersigned on

Date of signing of Application by each inventor \_\_\_\_\_, 02/05/01, \_\_\_\_\_, and \_\_\_\_\_

the undersigned hereby sell(s), assign(s), and set(s) over to

Name of Assignee Purdue Research Foundation

Address of principal place of business 1291 Cumberland Avenue  
West Lafayette, Indiana 47906 USA

Insert State of Incorporation (if applicable) or "Not Applicable" a corporation of Indiana

(hereinafter designated as the Assignee) their entire right, title, and interest in, to, and under the Application, including all priority rights for other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries, including Canada, which may be granted for such inventions, or any of them, all such inventions and all rights in such Application and Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the application(s) in the United States and foreign countries and any continuing, divisional, or reissue applications thereof, and any reexamination of any of such applications, and also to execute separate assignments in connection with such applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared or litigation concerning the application(s) or continuation, division, reissue, or reexamination thereof, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or litigation.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

ASSIGNMENT TO BUSINESS CONCERN

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting from said application(s) or any division or divisions or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the attorney of record the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

IN WITNESS WHEREOF, I have executed this assignment at \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 2000.

Outside the USA: \_\_\_\_\_  
Witnesses are \_\_\_\_\_  
required when \_\_\_\_\_  
acknowledgment \_\_\_\_\_  
before a Notary \_\_\_\_\_  
Public is not \_\_\_\_\_  
feasible. \_\_\_\_\_  
Witness

\_\_\_\_\_  
Inventor (Signature)  
  
Jillian M. Burjak  
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal  
this \_\_\_\_\_ day of \_\_\_\_\_.

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

\_\_\_\_\_  
Printed Name

My Commission Expires: \_\_\_\_\_

Resident of \_\_\_\_\_ County

IN WITNESS WHEREOF, I have executed this assignment at West Lafayette, Indiana  
this 5th day of February, 2000.

Outside the USA: \_\_\_\_\_  
Witnesses are \_\_\_\_\_  
required when \_\_\_\_\_  
acknowledgment \_\_\_\_\_  
before a Notary \_\_\_\_\_  
Public is not \_\_\_\_\_  
feasible. \_\_\_\_\_  
Witness

Michael Stewart  
Inventor (Signature)

Michael P. Stewart  
Inventor (Printed Name)

STATE OF Indiana }  
COUNTY OF Tippecanoe }  
SS: \_\_\_\_\_

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal  
this 5th day of February, 2001.

Deanna R. Pass  
Notary Public

Deanna R. Pass  
Printed Name

My Commission Expires: August 9, 2001

Resident of White County

IN WITNESS WHEREOF, I have executed this assignment at \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 2000.

Outside the USA: \_\_\_\_\_  
Witnesses are \_\_\_\_\_  
required when \_\_\_\_\_  
acknowledgment \_\_\_\_\_  
before a Notary \_\_\_\_\_  
Public is not \_\_\_\_\_  
feasible. \_\_\_\_\_  
Witness

\_\_\_\_\_  
Inventor (Signature)

Edward Robins  
Inventor (Printed Name)

U.S. Application Serial No. 09/716,614

Filing Date 20 November 2000

INDS02 RVB 360941v1

# ASSIGNMENT

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned,

Name(s) of Inventor(s) Jillian M. Buriak,  
Michael P. Stewart,  
Edward Robins and,  
\_\_\_\_\_

maker(s) of an invention which is the subject of an application for Letters Patent of the United States ("Application") entitled

Title of Application FUNCTIONALIZED SILICON SURFACES

which has been executed by the undersigned on

Date of signing of Application by each inventor \_\_\_\_\_, \_\_\_\_\_, 9<sup>th</sup> FEB. 2001, and \_\_\_\_\_

the undersigned hereby sell(s), assign(s), and set(s) over to

Name of Assignee Purdue Research Foundation

Address of principal place of business 1291 Cumberland Avenue  
West Lafayette, Indiana 47906 USA

Insert State of Incorporation (if applicable) or "Not Applicable" a corporation of Indiana

(hereinafter designated as the Assignee) their entire right, title, and interest in, to, and under the Application, including all priority rights for other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries, including Canada, which may be granted for such inventions, or any of them, all such inventions and all rights in such Application and Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made.

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this \_\_\_\_\_ day of \_\_\_\_\_, 2000.

Outside the USA: \_\_\_\_\_  
Witnesses are required when acknowledgment before a Notary Public is not feasible. \_\_\_\_\_  
Witness

\_\_\_\_\_  
Inventor (Signature)  
  
Jillian M. Buriak  
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF }  
COUNTY OF } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal  
this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

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

\_\_\_\_\_  
Printed Name

My Commission Expires: \_\_\_\_\_

Resident of \_\_\_\_\_ County

IN WITNESS WHEREOF, I have executed this assignment at \_\_\_\_\_  
this \_\_\_\_\_ day of \_\_\_\_\_, 2000.

Outside the USA: \_\_\_\_\_  
Witnesses are required when acknowledgment before a Notary Public is not feasible. \_\_\_\_\_  
Witness

\_\_\_\_\_  
Inventor (Signature)  
  
\_\_\_\_\_  
Michael P. Stewart  
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF \_\_\_\_\_ }  
COUNTY OF \_\_\_\_\_ } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal  
this \_\_\_\_\_ day of \_\_\_\_\_, \_\_\_\_\_.

\_\_\_\_\_  
Notary Public  
  
\_\_\_\_\_  
Printed Name  
  
My Commission Expires: \_\_\_\_\_ Resident of \_\_\_\_\_ County

IN WITNESS WHEREOF, I have executed this assignment at BELFAST, NORTHERN IRELAND, U.K.  
this 9<sup>th</sup> day of FEBRUARY, 2001, ~~2000~~.

Outside the USA: \_\_\_\_\_  
Witnesses are required when acknowledgment before a Notary Public is not feasible. \_\_\_\_\_  
Witness  
  
\_\_\_\_\_  
Witness J. M. A. N.

\_\_\_\_\_  
Edward Robins  
Inventor (Signature)  
  
\_\_\_\_\_  
Edward Robins  
Inventor (Printed Name)

U.S. Application Serial No. 09/716,614  
Filing Date 20 November 2000

INDS02 RVB 360941v1