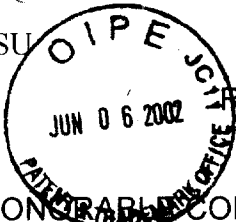


6/6/02

06-13-2002

BD



RECORD



102120222

TO THE HONORABLE COMMISSIONER OF PATENTS AND TRADEMARKS
Washington, D.C. 20231

Please record the attached original documents or copies thereof.

1. Name of conveying party(ies):
Binod B. De, Sanjay Malik, Gregory Dominic Spaziano, John Joseph Biafore, Patrick Foster, Sidney George Slater, Thomas Steinhausler and Andrew J. Blakeney

2. Name and address of receiving party(ies):
**ARCH SPECIALTY CHEMICALS, INC.
501 MERRITT 7
NORWALK, CONNECTICUT 06856-4500**

3. Nature of conveyance:
XXXXX Assignment _____ Merger
_____ Security Agreement _____ Change of Name
_____ Other: _____

Execution Date: **APRIL 29, APRIL 30, MAY 1, MAY 7, MAY 13, MAY 30, 2002**

4. Application number(s) or application date(s):
If this document is being filed together with a new application, the execution date of the application is:

A. Application No. B. Application Date
10/093,079 **MARCH 7, 2002**

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

Paul D. Greeley, Esq.
Ohlandt, Greeley, Ruggiero & Perle, L.L.P.
One Landmark Square, 10th Floor
Stamford, Connecticut 06901-2682 U.S.A.

06/12/2002 TDIAZ1 00000158 10093079
01 FC:581 40.00

6. Total No. of applications and patents involved: 1.

7. Total Fee (37 C.F.R. 3.41(h)) \$40.00/assignment.
XXXXX Enclosed
_____ Authorized to be charged to deposit account.

The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. 3.41 that may be required with this communication or credit any overpayment, to Deposit Account No. 01-0467. A duplicate copy of this Form is enclosed.

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.

Paul D. Greeley
Name of Person Signing
Total number of pages including cover sheet, attachments and document: 13

Paul D. Greeley Signature Date 06/03/02

PATENT
REEL: 012974 FRAME: 0315

JOINT ASSIGNMENT

The ASSIGNORS,

**BINOD B. DE
11 STEPHEN HOPKINS COURT
PROVIDENCE, RI 03904****SANJAY MALIK
40 GAYWOOD AVENUE
ATTLEBORO, MA 02703****GREGORY SPAZIANO
89 PARADE STREET
PROVIDENCE, RI 02909****JOHN JOSEPH BIAFORE
207 LEXINGTON AVENUE
PROVIDENCE, RI 02907****PATRICK FOSTER
4 ANGELO WAY
FRANKLIN, MA 02038****SIDNEY GEORGE SLATER
20 TEAKWOOD DRIVE
CUMBERLAND, RI 02864****THOMAS STEINHAUSLER
1314 RAIN LAKE LANE EAST
COLLIERVILLE, TN 38017****ANDREW J. BLAKENEY
30 BROOKSIDE COURT
SEEKONK, MA 02771**

have invented certain new and useful improvements in

THERMALLY CURED UNDERLAYER FOR LITHOGRAPHIC APPLICATION

an invention which is fully described in an application for Letters Patent of the United States filed on March 7, 2002 and received Serial No. 10/093,079; and

The ASSIGNEE, **ARCH SPECIALTY CHEMICALS, INC.**, a **Delaware** corporation having its principal office at **501 MERRITT 7, NORWALK, CONNECTICUT 06856-4500, USA**, wishes to acquire the entire right, title and interest in and to the invention and under Letters Patent which may be obtained for this invention.

For valuable and legally sufficient considerations, receipt of which are hereby acknowledged, the Assignors sell, assign and transfer to Assignee, its successors and assigns, the entire right, title and interest for the United States in and to the above-identified invention filed concurrently herewith and any application, divisionals, continuations, and continuation-in-part and for the full term of any Letters Patent of the United States that may issue for the invention.

The Assignors also sell, assign and transfer to Assignee the entire right, title and interest in and to the invention and application for Letters Patent and Letters Patent therefor in all countries foreign to the United States, including all rights under the International Convention. The Assignors further authorize Assignee to apply for Letters Patent in foreign countries in the name of Assignee, and to claim the priority of the filing date of the United States Application under the provisions of the International Convention.

The Assignors further agree, for themselves and their legal representatives, they will assist Assignee in the prosecution before the United States Patent Office and the Federal Courts of this application, and other applications for Letters Patent including renewals, continuations, divisions, reissues and substitutions, that the Assignee elects to make covering the invention. The Assignors vest in Assignee like exclusive title in and to all such other applications and Letters Patent. The Assignors will execute and deliver to Assignee any documents which may be requested by Assignee to carry out the terms of this Assignment.

The Commissioner of Patents of the United States is authorized and requested to issue Letters Patent of the United States to Assignee. The Assignors also authorize and request the equivalent authorities in foreign countries to issue the patents of foreign countries to Assignee.

BINOD B. DE

Inventor's Name

Binod De

Signature

04/29/

Date

, 2002

Stephanie Dilocke

Witness Signature

SANMAY MALIK

Inventor's Name

Sanjay Malik

Signature

05/7/

Date

, 2002

Lawrence Ferreira

Witness Signature

GREGORY SPAZIANO

Inventor's Name

Greg Spaziano

Signature

5/13

Date

, 2002

[Signature]

Witness Signature

JOHN JOSEPH BIAFORE

Inventor's Name

John J. Biafore

Signature

5-13

Date

, 2002

[Signature]

Witness Signature

PATRICK FOSTER

Inventor's Name

Signature

, 2002

Date

Witness Signature

SIDNEY GEORGE SLATER

Inventor's Name

Signature

, 2002

Date

Witness Signature

THOMAS STEINHAUSLER

Inventor's Name

Signature

Date _____, 2002

Witness Signature

ANDREW J. BLAKENEY

Inventor's Name

Andrew J Blakenev
Signature

Date _____ *7/29*, 2002

Donald F Perry
Witness Signature

JOINT ASSIGNMENT

The ASSIGNORS,

**BINOD B. DE
11 STEPHEN HOPKINS COURT
PROVIDENCE, RI 03904****SANJAY MALIK
40 GAYWOOD AVENUE
ATTLEBORO, MA 02703****GREGORY SPAZIANO
89 PARADE STREET
PROVIDENCE, RI 02909****JOHN JOSEPH BIAFORE
207 LEXINGTON AVENUE
PROVIDENCE, RI 02907****PATRICK FOSTER
4 ANGELO WAY
FRANKLIN, MA 02038****SIDNEY GEORGE SLATER
20 TEAKWOOD DRIVE
CUMBERLAND, RI 02864****THOMAS STEINHAUSLER
1314 RAIN LAKE LANE EAST
COLLIERVILLE, TN 38017****ANDREW J. BLAKENEY
30 BROOKSIDE COURT
SEEKONK, MA 02771**

have invented certain new and useful improvements in

THERMALLY CURED UNDERLAYER FOR LITHOGRAPHIC APPLICATION

an invention which is fully described in an application for Letters Patent of the United States filed on March 7, 2002 and received Serial No. 10/093,079; and

The ASSIGNEE, **ARCH SPECIALTY CHEMICALS, INC.**, a Delaware corporation having its principal office at **501 MERRITT 7, NORWALK, CONNECTICUT 06856-4500, USA**, wishes to acquire the entire right, title and interest in and to the invention and under Letters Patent which may be obtained for this invention.

For valuable and legally sufficient considerations, receipt of which are hereby acknowledged, the Assignors sell, assign and transfer to Assignee, its successors and assigns, the entire right, title and interest for the United States in and to the above-identified invention filed concurrently herewith and any application, divisionals, continuations, and continuation-in-part and for the full term of any Letters Patent of the United States that may issue for the invention.

The Assignors also sell, assign and transfer to Assignee the entire right, title and interest in and to the invention and application for Letters Patent and Letters Patent therefor in all countries foreign to the United States, including all rights under the International Convention. The Assignors further authorize Assignee to apply for Letters Patent in foreign countries in the name of Assignee, and to claim the priority of the filing date of the United States Application under the provisions of the International Convention.

The Assignors further agree, for themselves and their legal representatives, they will assist Assignee in the prosecution before the United States Patent Office and the Federal Courts of this application, and other applications for Letters Patent including renewals, continuations, divisions, reissues and substitutions, that the Assignee elects to make covering the invention. The Assignors vest in Assignee like exclusive title in and to all such other applications and Letters Patent. The Assignors will execute and deliver to Assignee any documents which may be requested by Assignee to carry out the terms of this Assignment.

The Commissioner of Patents of the United States is authorized and requested to issue Letters Patent of the United States to Assignee. The Assignors also authorize and request the equivalent authorities in foreign countries to issue the patents of foreign countries to Assignee.

BINOD B. DE

Inventor's Name

Signature

_____, 2002
Date

Witness Signature

SANMAY MALIK

Inventor's Name

Signature

_____, 2002
Date

Witness Signature

GREGORY SPAZIANO

Inventor's Name

Signature

_____, 2002
Date

Witness Signature

JOHN JOSEPH BIAFORE

Inventor's Name

Signature

_____, 2002
Date

Witness Signature

PATRICK FOSTER

Inventor's Name

Signature

_____, 2002
Date

Witness Signature

SIDNEY GEORGE SLATER

Inventor's Name

Slater

Signature

*5/30/*_____, 2002
Date

Shawn T. ...
Witness Signature

THOMAS STEINHAUSLER

Inventor's Name

ANDREW J. BLAKENEY

Inventor's Name

Signature

Signature

_____, 2002
Date

_____, 2002
Date

Witness Signature

Witness Signature

JOINT ASSIGNMENT

The ASSIGNORS,

**BINOD B. DE
11 STEPHEN HOPKINS COURT
PROVIDENCE, RI 03904****SANJAY MALIK
40 GAYWOOD AVENUE
ATTLEBORO, MA 02703****GREGORY SPAZIANO
89 PARADE STREET
PROVIDENCE, RI 02909****JOHN JOSEPH BIAFORE
207 LEXINGTON AVENUE
PROVIDENCE, RI 02907****PATRICK FOSTER
4 ANGELO WAY
FRANKLIN, MA 02038****SIDNEY GEORGE SLATER
20 TEAKWOOD DRIVE
CUMBERLAND, RI 02864****THOMAS STEINHAUSLER
1314 RAIN LAKE LANE EAST
COLLIERVILLE, TN 38017****ANDREW J. BLAKENEY
30 BROOKSIDE COURT
SEEKONK, MA 02771**

have invented certain new and useful improvements in

THERMALLY CURED UNDERLAYER FOR LITHOGRAPHIC APPLICATION

an invention which is fully described in an application for Letters Patent of the United States filed on March 7, 2002 and received Serial No. 10/093,079; and

The ASSIGNEE, **ARCH SPECIALTY CHEMICALS, INC.**, a **Delaware** corporation having its principal office at **501 MERRITT 7, NORWALK, CONNECTICUT 06856-4500, USA**, wishes to acquire the entire right, title and interest in and to the invention and under Letters Patent which may be obtained for this invention.

For valuable and legally sufficient considerations, receipt of which are hereby acknowledged, the Assignors sell, assign and transfer to Assignee, its successors and assigns, the entire right, title and interest for the United States in and to the above-identified invention filed concurrently herewith and any application, divisionals, continuations, and continuation-in-part and for the full term of any Letters Patent of the United States that may issue for the invention.

The Assignors also sell, assign and transfer to Assignee the entire right, title and interest in and to the invention and application for Letters Patent and Letters Patent therefor in all countries foreign to the United States, including all rights under the International Convention. The Assignors further authorize Assignee to apply for Letters Patent in foreign countries in the name of Assignee, and to claim the priority of the filing date of the United States Application under the provisions of the International Convention.

The Assignors further agree, for themselves and their legal representatives, they will assist Assignee in the prosecution before the United States Patent Office and the Federal Courts of this application, and other applications for Letters Patent including renewals, continuations, divisions, reissues and substitutions, that the Assignee elects to make covering the invention. The Assignors vest in Assignee like exclusive title in and to all such other applications and Letters Patent. The Assignors will execute and deliver to Assignee any documents which may be requested by Assignee to carry out the terms of this Assignment.

The Commissioner of Patents of the United States is authorized and requested to issue Letters Patent of the United States to Assignee. The Assignors also authorize and request the equivalent authorities in foreign countries to issue the patents of foreign countries to Assignee.

BINOD B. DE
Inventor's Name

Signature

_____, 2002
Date

Witness Signature

SANMAY MALIK
Inventor's Name

Signature

_____, 2002
Date

Witness Signature

GREGORY SPAZIANO
Inventor's Name

Signature

_____, 2002
Date

Witness Signature


JOHN JOSEPH BIAFORE
Inventor's Name

Signature

_____, 2002
Date

Witness Signature

PATRICK FOSTER
Inventor's Name


Signature

5/1, 2002
Date

Witness Signature

SIDNEY GEORGE SLATER
Inventor's Name

Signature

_____, 2002
Date

Witness Signature

THOMAS STEINHAUSLER

Inventor's Name

ANDREW J. BLAKENEY

Inventor's Name

Signature

Signature

_____, 2002
Date

_____, 2002
Date

Witness Signature

Witness Signature

JOINT ASSIGNMENT

The ASSIGNORS,

**BINOD B. DE
11 STEPHEN HOPKINS COURT
PROVIDENCE, RI 03904****SANJAY MALIK
40 GAYWOOD AVENUE
ATTLEBORO, MA 02703****GREGORY SPAZIANO
89 PARADE STREET
PROVIDENCE, RI 02909****JOHN JOSEPH BIAFORE
207 LEXINGTON AVENUE
PROVIDENCE, RI 02907****PATRICK FOSTER
4 ANGELO WAY
FRANKLIN, MA 02038****SIDNEY GEORGE SLATER
20 TEAKWOOD DRIVE
CUMBERLAND, RI 02864****THOMAS STEINHAUSLER
1314 RAIN LAKE LANE EAST
COLLIERVILLE, TN 38017****ANDREW J. BLAKENEY
30 BROOKSIDE COURT
SEEKONK, MA 02771**

have invented certain new and useful improvements in

THERMALLY CURED UNDERLAYER FOR LITHOGRAPHIC APPLICATION

an invention which is fully described in an application for Letters Patent of the United States filed on March 7, 2002 and received Serial No. 10/093,079; and

The ASSIGNEE, **ARCH SPECIALTY CHEMICALS, INC.**, a Delaware corporation having its principal office at **501 MERRITT 7, NORWALK, CONNECTICUT 06856-4500, USA**, wishes to acquire the entire right, title and interest in and to the invention and under Letters Patent which may be obtained for this invention.

For valuable and legally sufficient considerations, receipt of which are hereby acknowledged, the Assignors sell, assign and transfer to Assignee, its successors and assigns, the entire right, title and interest for the United States in and to the above-identified invention filed concurrently herewith and any application, divisionals, continuations, and continuation-in-part and for the full term of any Letters Patent of the United States that may issue for the invention.

The Assignors also sell, assign and transfer to Assignee the entire right, title and interest in and to the invention and application for Letters Patent and Letters Patent therefor in all countries foreign to the United States, including all rights under the International Convention. The Assignors further authorize Assignee to apply for Letters Patent in foreign countries in the name of Assignee, and to claim the priority of the filing date of the United States Application under the provisions of the International Convention.

The Assignors further agree, for themselves and their legal representatives, they will assist Assignee in the prosecution before the United States Patent Office and the Federal Courts of this application, and other applications for Letters Patent including renewals, continuations, divisions, reissues and substitutions, that the Assignee elects to make covering the invention. The Assignors vest in Assignee like exclusive title in and to all such other applications and Letters Patent. The Assignors will execute and deliver to Assignee any documents which may be requested by Assignee to carry out the terms of this Assignment.

The Commissioner of Patents of the United States is authorized and requested to issue Letters Patent of the United States to Assignee. The Assignors also authorize and request the equivalent authorities in foreign countries to issue the patents of foreign countries to Assignee.

BINOD B. DE

Inventor's Name

Signature

_____, 2002
Date

Witness Signature

SANMAY MALIK

Inventor's Name

Signature

_____, 2002
Date

Witness Signature

GREGORY SPAZIANO

Inventor's Name

Signature

_____, 2002
Date

Witness Signature

JOHN JOSEPH BIAFORE

Inventor's Name

Signature

_____, 2002
Date

Witness Signature

PATRICK FOSTER

Inventor's Name

Signature

_____, 2002
Date

Witness Signature

SIDNEY GEORGE SLATER

Inventor's Name

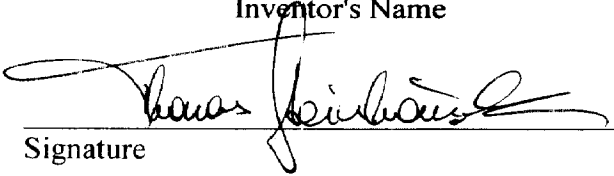
Signature

_____, 2002
Date

Witness Signature

THOMAS STEINHAUSLER

Inventor's Name



Signature

April 30, 2002

Date

ANDREW J. BLAKENEY

Inventor's Name

Signature

, 2002

Date



Witness Signature

Witness Signature