



09-02-2004



102828030

HEET

Attorney Docket U 015095-2

8.27.04

To the Honorable Commissioner of Patents and Trademarks, please return the attached original documents or copy thereof  
(with signed English translation if needed).

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

1. RAJIV KUMAR
2. PRAPHULLA NARAHAR JOSHI
3. GOPAL MORESHWAR CHAPHEKAR
4. PRASHANT SURESH NIPHADKAR
5. ASHUTOSH AGARWAL
6. PRADEEP KUMAR VERMA
7. KUMAR SAMIR SINGH

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

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

Name: COUNCIL OF SCIENTIFIC AND INDUSTRIAL RESEARCH

Address: RAFI MARG  
NEW DELHI 110 001,  
INDIA

AND

JUBILANT ORGANOSYS LIMITED

INDUSTRIAL AREA, SECTOR 16 A,  
INSTITUTIONAL AREA,  
NOIDA 2001 301, UTTAR PRADESH, INDIA

Additional name(s) &amp; addresses(es) attached?

☐ Yes ☒ No

## 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 _____           | <input type="checkbox"/> Change of Address<br>(old address above) |

Execution Date(s):

- |                  |                   |                   |
|------------------|-------------------|-------------------|
| 1. JULY 27, 2004 | 4. JULY 27, 2004  | 7. AUGUST 3, 2004 |
| 2. JULY 27, 2004 | 5. AUGUST 3, 2004 |                   |
| 3. JULY 27, 2004 | 6. AUGUST 3, 2004 |                   |

## 4. Application number(s) or patent number(s)

☐ Being filed together with a new application.☒ Patent Application No.(s): 10/806,061☐ Patent No.(s):Additional numbers attached? ☐ Yes ☒ No

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

Name: Clifford J. Mass

Address: Ladas & Parry  
26 West 61<sup>st</sup> Street  
New York, N.Y. 10023

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

1

## 7. Total fee (37 CFR 3.41) \$40.00 @ \$40.00 each

☒ Check Enclosed☒ Authorized to be charged in whole or in part to:

8. Deposit account number: 12-0425

DO NOT USE THIS SPACE

## 9. Signature:

Clifford J. Mass  
Name of Person Signing

Signature

August 25, 2004  
Date

Total number of pages including coversheet, attachments, and documents:

6

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40.00 DP

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PATENT  
REEL: 015744 FRAME: 0790

Practitioner's Docket No. U 015095-2

**PATENT**

For: ☐ U.S. and/or ☐ Foreign Rights  
For: ☒ U.S. Application or  
      ☐ U.S. Provisional Application  
For: ☐ U.S. Patent  
For: ☐ PCT Application  
By: Multiple Inventors

**ASSIGNMENT OF INVENTION (MULTIPLE INVENTORS)**

In consideration of the payment by ASSIGNEE to ASSIGNOR of the sum of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration,

**ASSIGNORS (Inventors):**

<u><b>Rajiv Kumar</b></u> <i>(type or print name of inventors)</i>	<u>c/o National Chemical Laboratory,</u> <u>Pune 411 008, Maharashtra, India</u> Address <u>Indian</u> Nationality
<u><b>Praphulla Narahar Joshi</b></u>	<u>c/o National Chemical Laboratory,</u> <u>Pune 411 008, Maharashtra, India</u> Address <u>Indian</u> Nationality
<u><b>Gopal Moreshwar Chaphekar</b></u>	<u>c/o National Chemical Laboratory,</u> <u>Pune 411 008, Maharashtra, India</u> Address <u>Indian</u> Nationality
<u><b>Prashant Suresh Niphadkar</b></u>	<u>c/o National Chemical Laboratory,</u> <u>Pune 411 008, Maharashtra, India</u> Address <u>Indian</u> Nationality
<u><b>Ashutosh Agarwal</b></u>	<u>c/o Jubilant Organosys Limited, Industrial Area,</u> <u>Sector 16 A, Institutional Area, Noida 201 301,</u> Address <u>Uttar Pradesh, India</u> <u>Indian</u> Nationality

Added page(s) for signature by subsequent inventors. Number of pages added



ADDED PAGE TO ASSIGNMENT FOR SIGNATURE BY SUBSEQUENT INVENTORS

ASSIGNORS (Inventors):

Pradeep Kumar Verma

*(type or print name of inventors)*

c/o Jubilant Organosys Limited, Industrial Area,

Sector 16 A, Institutional Area, Noida 201 301,

Address Uttar Pradesh, India

Indian

Nationality

Kumar Samir Singh

c/o Jubilant Organosys Limited, Industrial Area,

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Indian

Nationality

Address

Nationality

Address

Nationality

Address

Nationality

(Assignment of Invention—Multiple Inventors—Added Page) 16-3.2a

PATENT  
REEL: 015744 FRAME: 0792

(if assignment is by person or entity to whom invention was previously assigned  
and this was recorded in PTO, add the following)

Recorded on \_\_\_\_\_

Reel \_\_\_\_\_

Frame \_\_\_\_\_

hereby sells, assigns and transfers to  
ASSIGNEE

Council of Scientific and Industrial Research  
(type or print name of ASSIGNEE)

Rafi Marg, New Delhi 110 001, India

Address

Indian

Nationality

&

Jubilant Organosys Limited

(type or print name of ASSIGNEE)

Industrial Area, Sector 16 A, Institutional Area,

Address

Indian

Nationality

Noida 201 301, Uttar Pradesh, India

and the successors, assigns and legal representatives of the ASSIGNEE  
(complete one of the following)

- ☒ the entire right, title and interest  
☐ an undivided \_\_\_\_\_ percent ( \_\_\_\_\_ %) interest for the United States  
and its territorial possessions

(check the following box, if foreign rights are also to be assigned)

- ☐ and in all foreign countries, including all rights to claim priority, in and to any and all  
improvements which are disclosed in the invention entitled:

PROCESS FOR THE PRODUCTION OF PYRIDINE AND PICOLINES

Name of inventor(s) Rajiv Kumar, Praphulla Narahar Joshi,

Gopal Moreshwar Chaphekar, Prashant Suresh Niphadkar, Ashutosh Agarwal

Pradeep Kumar Verma, Kumar Samir Singh

(check and complete (a), (b), (c), (d), (e), (f) or (g))

and which is found in (37 C.F.R. 3.21)

- (a) ☐ Not yet filed U.S. patent application executed on even date herewith  
(b) ☐ Not yet filed U.S. patent application executed on \_\_\_\_\_  
(c) ☐ Not yet filed U.S. provisional application naming the above inventor(s) for  
the above-entitled invention  
☐ To comply with 37 C.F.R. 3.21 for recordal of this assignment, I, an  
ASSIGNOR signing below, hereby authorize and request my  
attorney to insert below the filing date and application number when  
they become known.  
(d) ☒ U.S. patent application no. \_\_\_\_\_  
filed on March 22, 2004  
(e) ☐ International application no. PCT/\_\_\_\_\_/\_\_\_\_\_  
(f) ☐ U.S. patent no. \_\_\_\_\_ issued \_\_\_\_\_  
☐ A change of address to which correspondence is to be sent regarding  
patent maintenance fees is being sent separately.

(Assignment of Invention—Multiple Inventors—page 2 of 3) 16-3.2

**PATENT**  
**REEL: 015744 FRAME: 0793**

(also check (g), if foreign application(s) is also being assigned)

(g) ☐ and any legal equivalent thereof in a foreign country, including the right to claim priority

and, in and to, all Letters Patent to be obtained for said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to letters patent any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, We have hereunto set hand and seal

**WARNING:** The date of signing must be the same as the date of execution of the application, if item (a) was checked above.

Rajiv Kumar

(type name of Assignor)

(x)

[Signature]  
Signature of ASSIGNOR

this (x) 27/7/04  
date of signing

Praphulla Narahar Joshi

(type name of Assignor)

(x)

[Signature]  
Signature of ASSIGNOR

this (x) 27/7/04  
date of signing

Gopal Moreshwar Chaphekar

(type name of Assignor)

(x)

[Signature]  
Signature of ASSIGNOR

this (x) 27/7/04  
date of signing

Prashant Suresh Niphadkar

(type name of Assignor)

(x)

[Signature]  
Signature of ASSIGNOR

this (x) 27/7/04  
date of signing

Ashutosh Agarwal

(type name of Assignor)

(x)

[Signature]  
Signature of ASSIGNOR

this (x) 3/8/04  
date of signing

Pradeep Kumar Verma

(type name of Assignor)

(x)

[Signature]  
Signature of ASSIGNOR

this (x) 3/8/04  
date of signing

Kumar Samir Singh

(type name of Assignor)

(x)

[Signature]  
Signature of ASSIGNOR

this (x) 3/8/04  
date of signing

(if ASSIGNOR is a legal entity, complete the following information)

\_\_\_\_\_  
(type or print the name of the above person  
authorized to sign on behalf of ASSIGNOR)

\_\_\_\_\_  
Title

**NOTE:** No witnessing, notarization or legalization is necessary. If the assignment is notarized or legalized then it will only be prima facie evidence of execution. 35 USC 261. Use next page if notarization is desired.

☐ Notarization or Legalization Page Added.

(Assignment of Invention—Multiple Inventors—page 3 of 3) 16-3.2

**PATENT**

**RECORDED: 08/27/2004**

**REEL: 015744 FRAME: 0794**