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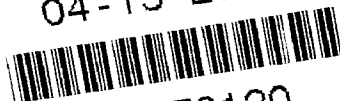
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attached original documents or copy thereof.

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

Kazuyuki TOHJI  
Akira KISHIMOTO  
Takafumi ATARASHI

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

NITTETSU MINING CO., LTD.  
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Marunouchi 2-chome, Chiyoda-ku,  
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JapanAdditional name(s) of conveying party(ies) attached? ☐ Yes ☒ NoJAPAN SCIENCE AND TECHNOLOGY AGENCY  
1-8,  
Honcho 4-chome,  
Kawaguchi-shi, Saitama 332-0012  
JAPAN

## 3. Nature of conveyance:

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

Execution Date: September 10, 2004

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## 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 is: September 10, 2004

A. Patent Application No.(s)  
Unknown

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

SUGHRUE MION, PLLC

WASHINGTON OFFICE

23373

CUSTOMER NUMBER

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

1

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

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PATENT  
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# ASSIGNMENT

Whereas, I/we, Kazuyuki TOHJI of Miyagi, Japan; and Akira KISHIMOTO and Takafumi ATARASHI, both of Tokyo, Japan hereinafter called assignor(s), have invented certain improvements in

**PHOTOCATALYST AND PROCESS FOR PRODUCING THE SAME**  
and executed an application for Letters Patent of the United States of America therefor on

September 10, 2004 ; and

Whereas, 1. NITTETSU MINING CO., LTD.

3-2, Marunouchi 2-chome, Chiyoda-ku,  
Tokyo 100-8377 JAPAN

2. JAPAN SCIENCE AND TECHNOLOGY AGENCY

1-8, Honcho 4-chome, Kawaguchi-shi,  
Saitama 332-0012 JAPAN

(assignee), desires to acquire the entire right, title and interest in the application and invention, and to any United States patents to be obtained therefor;

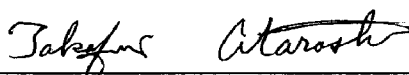
Now therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor(s), hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire right, title and interest in the application and the invention disclosed therein for the United States of America, including the right to claim priority under 35 U.S.C. § 119, and I/we request the Director - U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States application when called upon to do so by the assignee.

I/We hereby authorize and request my/our attorneys SUGHRUE MION, PLLC of 2100 Pennsylvania Avenue, N.W., Washington, D.C. 20037-3213 to insert here in parentheses (Application number \_\_\_\_\_, filed \_\_\_\_\_) the filing date and application number of said application when known.

Date: September 10, 2004 s/ 

Date: September 10, 2004 s/ 

Date: September 10, 2004 s/ 

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)