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To the Director of the U.S. Patent and Trademark Office: Please record the attached original documents or the new address(es) below.

1. Name of conveying party(ies) Execution Date(s):

Kenjiro IZUTANI  
Takayuki TAKAHATA

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

2. Name and address of receiving party(ies)

Name MITSUI MINING & SMELTING CO., LTD.

Internal Address: \_\_\_\_\_

Street Address: 11-1, Osaki 1-chome,

Shinagawa-ku,

City: Tokyo

State: \_\_\_\_\_

Country: Japan Zip: \_\_\_\_\_

Additional name(s) & address(es) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) March 7, 2006

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Joint Research Agreement  
☐ Government Interest Assignment  
☐ Executive Order 9424, Confirmatory License  
☐ Other \_\_\_\_\_

4. Application or patent number(s):



This document is being filed together with a new application.

A. Patent Application No.(s)

03/20/2006 LLANDGRA 00000036 10571357

B. Patent No.(s)

04 FC:8021

(40.00 OP)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Ronald R. Santucci  
Internal Address: FROMMER LAWRENCE & HAUG LLP  
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6. Total number of applications and patents involved 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☐ Authorized to be charged by credit card  
☐ Authorized to be charged to deposit account 50-0320  
☒ Enclosed  
☐ None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers \_\_\_\_\_

Expiration Date: \_\_\_\_\_

b. Deposit account number: 50-0320

Authorized User Name: \_\_\_\_\_

9. Signature:

March 9, 2006  
Date

Ronald R. Santucci, Reg. No. 28,988  
Name of Person Signing

Total number of pages including cover sheet  
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2

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:  
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00347970

PATENT  
REEL: 017700 FRAME: 0027

**INVENTION/PATENT APPLICATION ASSIGNMENT**  
**FROM INVENTOR(S) TO COMPANY**

WHEREAS I/WE Kenjiro IZUTANI of Saitama, Japan , Takayuki TAKAHATA of Saitama, Japan , of , respectively, have made a certain new and useful invention as set forth in an application for United States Letters Patent, entitled:

UREA CONCENTRATION IDENTIFICATION DEVICE FOR UREA SOLUTION

, executed by us on the date of execution of this document, as shown below, and filed concurrently herewith;

OR

for which an application for United States Letters Patent was filed on , and identified by United States Serial No. ;

AND WHEREAS, MITSUI MINING & SMELTING CO., LTD. a corporation of the State of Japan and having an address of 11-1, Osaki 1-chome, Shinagawa-ku, Tokyo, Japan , hereinafter referred to as assignee, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any and all Letters Patent of the United States and foreign countries that may be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt for and sufficiency of which is hereby acknowledged, We do hereby sell, assign, transfer and set over unto said assignee, its legal representatives, successors, and assigns, the entire right, title and interest in and to said invention as set forth in the above-mentioned application, including any continuations, continuations-in-part, divisions, reissues, re-examinations or extensions thereof, and in and to any and all patents of the United States and foreign countries that may be issued for said invention;

UPON SAID CONSIDERATIONS, We hereby agree with the said assignee that We will not execute any writing or do any act whatsoever conflicting with these presents, and that We will, at any time upon request, without further or additional consideration but at the expense of said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, continuations, continuations-in-part, reexamined, reissued, or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or causes of action accruing as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of assignor and assignee;

AND We request the Commissioner of Patents and Trademarks to issue any Letters Patent of the United States that may be issued for said invention to said assignee, its legal representatives, successors or assigns, as the sole owner of the entire right, title and interest in and to said patent and the invention covered thereby.

March 7, 2006  
\_\_\_\_\_  
Date

*Kenjiro Izutani*  
\_\_\_\_\_  
Signature Kenjiro IZUTANI

March 7, 2006  
\_\_\_\_\_  
Date

*Takayuki Takahata*  
\_\_\_\_\_  
Signature Takayuki TAKAHATA