

Form **PTO-1595** (Rev. 03-09)  
OMB No. 0651-0027 (exp. 03/31/2009)

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## PATENTS ONLY

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

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

ichi Nakamura (06/26/2009) and Jun-Ichi  
Takahashi (06/08/2009)

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

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

Execution Date(s): in parentheses after inventor name

☒ Assignment ☐ Merger ☐ Change of Name

☐ Security Agreement ☐ Joint Research Agreement

☐ Government Interest Assignment

☐ Executive Order 9424, Confirmatory License

☐ Other \_\_\_\_\_

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

Name: SUMITOMO METAL MINING CO., LTD.

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

Street Address: \_\_\_\_\_

11-3, Shimbashi 5-chome

Minato-ku

Tokyo

105-8716

JAPAN

City: \_\_\_\_\_

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

Country: \_\_\_\_\_

Zip: \_\_\_\_\_

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

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

☐ This document is being filed together with a new application.

A. Patent Application No.(s)

12/473,441

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: James E. Armstrong, IV  
EDWARDS ANGELL PALMER & DODGE  
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

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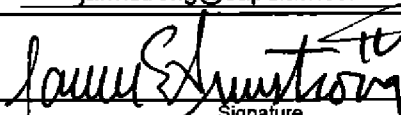
☐ None required (government interest not affecting title)

### 8. Payment Information

Deposit Account Number 04-1105

Authorized User Name James E. Armstrong, IV

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Signature

August 6, 2009

Date

James E. Armstrong, IV - 42,266

Name of Person Signing

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

6

84146(302727)

US2009-545MM

**ASSIGNMENT BY INVENTORS**

**THIS ASSIGNMENT**, made by Ichi Nakamura and Jun-ichi Takahashi (hereinafter referred to as Assignors), residing at c/o Engineering Department, Mineral Resources Div., SUMITOMO METAL MINING CO., LTD., 11-3, Shimbashi 5-chome, Minato-ku, Tokyo 105-8716 JAPAN; and c/o Niihama Research Laboratories, SUMITOMO METAL MINING CO., LTD., 17-5, Isoura-cho, Niihama-shi, Ehime 792-0002 JAPAN, respectively;

**WHEREAS**, Assignors have invented certain new and useful improvements in METHOD FOR NICKEL CONCENTRATION PROCESSING OF SAPROLITE ORE, set forth in a Patent application for Letters Patent of the United States, filed herewith ; and

**WHEREAS**, SUMITOMO METAL MINING CO., LTD., a corporation organized under and pursuant to the laws of Japan having its principal place of business at 11-3, Shimbashi 5-chome, Minato-ku, Tokyo 105-8716, JAPAN (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to said inventions and said Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefore and thereon.

**NOW, THEREFORE**, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of said application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, the same to be held and enjoyed by Assignee, for its own use and benefit and the use

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**AND** for the same consideration, Assignors hereby represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the said inventions and application for Letters Patent above-mentioned, and that the same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey the same in the manner herein set forth.

**AND** for the same consideration, Assignors hereby covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, shall advise: that any proceeding in connection with said inventions, or said Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for said inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

**AND** Assignors hereby request the Commissioner of Patent and Trademarks to issue said Letters Patent of the United States to Assignee, as Assignee of said inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignee, its successors, legal representatives and assigns.

**AND** Assignors hereby grant the following individuals 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:

EDWARDS ANGELL PALMER & DODGE LLP

All practitioners at Customer Number 21874

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

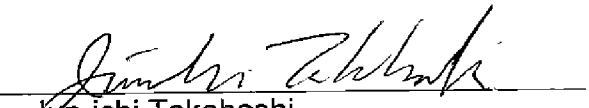
Date: 2009. 6. 26

Signature: \_\_\_\_\_

  
Ichi Nakamura

Date: 2009. 6. 8

Signature: \_\_\_\_\_

  
Jun-ichi Takahashi

PTO/SB/97 (09-04)

Approved for use through 07/31/2006. OMB 0651-0031

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Application No. (if known): 12/473,441

Attorney Docket No.: 84146(302727)

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# FAX TRANSMISSION

**DATE:** August 6, 2009

**PTO IDENTIFIER:**   **Application Number** 12/473,441-Conf. #9616  
                          **Patent Number**

**Inventor:** Iichi Nakamura et al.

**MESSAGE TO:** USPTO PTAS System

**FAX NUMBER:** (571) 273-0140

**FROM:** EDWARDS ANGELL PALMER & DODGE LLP

James E. Armstrong, IV

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**Attorney Dkt. #:** 84146(302727)

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