

10-06-2003



To the Honorable Commissioner of Pa

102567323

original documents or copy thereof.

1. Name of conveying party(ies):

Takayuki Takahashi and  
Nobuyoshi Tsukaguchi

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

3. Nature of conveyance:

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

Execution Date: September 8, 2003

2. Name and address of receiving party(ies)

Name: Dowa Mining Co., Ltd.

Internal Address: 8-2, Marunouchi 1-chome,  
Chiyoda-ku, Tokyo 100-8282, JAPAN

Street Address:

City: State: Zip:

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

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: 09/08/2003

A. Patent Application No.(s)

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

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

Name: Gregory P. LaPointe

Internal Address: Bachman & LaPointe, P.C.  
Suite 1201

Street Address: 900 Chapel Street

City: New Haven State: CT Zip: 06510

6. Total number of applications and patents involved: 1

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

- ☒ Enclosed  
☐ Authorized to be charged to deposit account

8. Deposit account number:

02-0184

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

9. Statement and signature.

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.

Gregory P. LaPointe

Name of Person Signing

Signature

September 23, 2003

Date

Total number of pages including cover sheet, attachments, and documents: 2

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box Assignments  
Washington, D.C. 20231

# Assignment

In consideration of One Dollar (\$1.00) , and other good and valuable consideration, the receipt of which is hereby acknowledged, We, the undersigned,

Takayuki Takahashi, Nobuyoshi Tsukaguchi,

Hereby sell, assign and transfer to

a corporation of DOWA MINING CO., LTD.

having a place of business at 8-2, Marunouchi 1-Chome, Chiyoda-ku, Tokyo 100-8282 Japan, its successors, assigns and legal representatives, the entire right, title and interest for the United States and all foreign countries, in and to any and all improvements which are disclosed in the application for United States Letters Patent, which has been executed by the undersigned concurrently herewith and is entitled

METAL / CERAMIC BONDING ARTICLE AND METHOD FOR PRODUCING  
SAME (Attorney's Docket No.: 03-592)

, and in and to said application and all divisional, continuing, substitute, renewal, reissue, and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said improvements; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said improvements;

Agree that said Assignee may apply for and receive Letters Patent for said improvements in its own name; and that, when requested, without charge to but at the expense of said Assignee, its successors, assigns and legal representatives, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said improvements; execute all rightful oaths, assignments, powers of attorney and other papers; communicate to said Assignee, its successors, assigns, and representatives, all facts known to the undersigned relating to said improvements and the history thereof; and generally do everything possible which said Assignee, its successors, assigns or representatives shall consider desirable for aiding in securing and maintaining proper patent protection for said improvements and for vesting title to said improvements and all applications for patents and all patents on said improvements, in said Assignee, its successors, assigns and legal representatives; and

Covenant with said Assignee, its successors, assigns and legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Date	September 8, 2003	Takayuki Takahashi	(L.S.)
Date	September 8, 2003	Nobuyoshi Tsukaguchi	(L.S.)
Date			(L.S.)
Date			(L.S.)