03-29	₁ -2004	
Form PTO-1595 (Rev. 10/02)	U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
	: Please record the attached original documents or copy thereof.	
Name of conveying party(ies): Junji Nakamura	2. Name and address of receiving party(ies) Name: Dowa Mining Co., Ltd. Internal Address: 8-2, Marunouchi 1-Chome,	
Additional name(s) of conveying party(ies) attached? Yes No	Chiyoda-ku, Tokyo 100-8282 JAPAN	
3. Nature of conveyance: ✓ Assignment	Street Address:	
March 16, 2004 Execution Date:	City:State:Zip:	
A. Patent Application No.(s)	lication, the execution date of the application is: 03/16/2004 B. Patent No.(s)	
Additional numbers attached? Yes No		
Name and address of party to whom correspondence concerning document should be mailed: Name: Gregory P. LaPointe	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41)	
BACHMAN & LaPOINTE, P.C. Internal Address:	✓ Enclosed ☐ Authorized to be charged to deposit account	
Street Address: 900 Chapel Street, Suite 1201	8. Deposit account number: 02-0184	
City: New Haven State: CT Zip: 06510		
DO NOT US	E THIS SPACE	
9. Signature.		
Gregory P. LaPointe Name of Person Signing	Signature March 22, 2004 Date	
	1	

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Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

(Attorney's Docket No.: 04-234)

Assignment

In consideration of One Dollar (\$1,00), and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned,

Junji Nakamura,

Hereby sell, assign and transfer to

a corporation of DOWA MINING CO., LTD.

RECORDED: 03/22/2004

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

METHOD FOR PRODUCING METAL / CERAMIC BONDING SUBSTRATE

, 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	March 16, 2004	Junji Nakamura	(L.S.)
Date			(L.S.)
Date			(L.S.)
Date			(L.S.)

PATENT REEL: 015130 FRAME: 0220