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Form PTO-1595 (Rev. 03/01)	RI 08-2		U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office
OMB No. 0651-0027 (exp. 5/31/200)	2)	-07021	- Corrective-
Tab settings ⇔ ⇔ ▼ To the Honorable Commiss	ioner of Pa	537981	ed original documents or copy thereof.
Name of conveying party(in)			ess of receiving party(ies)
Nobuyoshi Tsukaguchi	i /		Mining Co., Ltd.
Masami Kimura	AUG 2 1 2003	Name.	
Masahiro Furo Yoshinori Yamanaka	3	Internal Address	S:
Yoshinori Yamanaka Additional name(s) of conveying part	THAPEH.A	8-2, Maruno	ouchi 1-Chome, Chiyoda-ku
	y(ies) attached? LarYes LY N		1202 1277
3. Nature of conveyance: corrected		Tokyo 100-8	3282 Japan
Assignment	Merger		
Security Agreement	Change of Name	Street Address:	
	_		
utner		_	
		City:	State:Zip:
Execution Date: October 2	9, 2002	Additional name (s) (& address(es) attached? ☐ Yes 🍒 No
		- Additional name(s)	k address(es) attached?
4. Application number(s) or p	• •		
If this document is being fil	ed together with a new ap	oplication, the execution	date of the application is:
A. Patent Application No.(s)		B. Patent No.(s)	
10/254,750	10254150		
,	Additional numbers	। sattached? 📮 Yes 🌠 No	
		e 6. Total number of a	applications and patents involved:
concerning document shou		m m . 1	20.40
Name: Gregory P. LaP	<u>ointe</u>	7. Total fee (37 CFI	R 3.41) \$40.00
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		- Authorized t	o be charged to deposit account
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9. Statement and signature.		7	
_	ge and belief, the foregoin	g information is true and	d correct and any attached copy
is a true copy of the origina		1	No design of the second of the
Gregory P. LaPointe		11.X	August 19, 2003
	Name of Person Signing Signature D		Date
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PATENT

REEL: 014430 FRAME: 0146

Assignment

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

Nobuyoshi Tsukaguchi, Masami Kimura, Masahiro Furo, Yoshinori Yamanaka 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

METHOD FOR PRODUCING METAL / CERAMIC BONDING CIRCUIT BOARD (USSN 10/254,750 filed 9/25/02) 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 October 29. 2002	No buyoshi Tsubaquli	(L.S.)
Date October 29, 2002	masamo Kimura	(L.S.)
Date October 29, 2002	masahin Fura	
Date October 9, 2002	Yoshinori Yamanaka	(L.S.)

PATENT REEL: 014430 FRAME: 0147

ASSIGNEE STATEMENT

A "STATEMENT UNDER 37 C.F.R. §3.73(b)" is attached.

Aderakaju Yoshekawa

The President of DOWA MINING CO., LTD, Hirokazu Yoshikawa (type or print name and title of person authorized to sign on behalf of assignee)

(Assent of Assignee to Correction and/or Addition of Inventor(s) [9-23] - page 2 of 2)

(Rel.77·10/98 Pub.605) FORM 9-23 9-156

RECORDED: 08/21/2003

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