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SUBMISSION TYPE:		NEW ASSIGNMENT			
NATURE OF CONVEYANCE:			ASSIGNMENT		
CONVEYING PARTY DATA					
			ame	Execution Date	
Kimitaka Sato 07/14/2005					
RECEIVING PARTY DATA					
Name:	Dowa Mining Co., Ltd.				
Street Address:	8-2, Marunouchi 1-chome				
Internal Address:	Chiyoda-ku				
City:	Токуо				
State/Country:	JAPAN				
Postal Code:	100-8282				
PROPERTY NUMBERS Total: 1					
Property Type			Number		
Application Number:		11202	11202085		
Application Number: 11202085 CORRESPONDENCE DATA 0					
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NAME OF SUBMITTER:			Christopher W. Brody		
Total Attachments: 1 source=12065-29 Assignment#page1.tif					

FA/p=1-\$9

Docket No .:

ASSIGNMENT

This is an Assignment of the following rights, title and interest:

United States of America rights, title and interest in the invention

United States Patent Application Serial No.

Date of Filing:_____

Date of Execution of Application:

Title of the Invention:FACE-CENTERED CUBIC STRUCTURE ALLOY PARTICLESAND METHOD OF MANUFACTURING SAME

Inventors (assignors): Kimitaka SATO

Assignee:

DOWA MINING CO., LTD., a Japanese corporation of 8-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8282 Japan

Whereas, we, the above-identified Inventors, have invented certain new and useful improvements in the Invention identified above and described in the above-identified patent application(s) and/or patent(s) (hereinafter referred to as "Invention");

And, whereas we desire to assign our above-identified rights, title and interest in the Invention to the above-identified assignee;

Now, this indenture witnesseth, that for good and valuable consideration, the receipt whereof is hereby acknowledged;

We hereby assign, sell and transfer our above-identified rights, title and interest in said lnvention, said applications(s) as identified above, including any divisions, continuations, and continuations-in-part thereof, and in and to any and all Letters Patent of the United States, which may be granted or have granted for said Invention, and in and to any and all reissues and reexaminations thereof, and in and to any and all priority rights, Convention rights, and other benefits accruing or to accrue to us with respect to the filing of applications for patents or securing of patents in the United States, unto said Assignee.

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any United States Letters Patent which may issue for said Invention to said Assignee, as assignee of the whole right, title and interest thereto;

And we further agree to sign and execute all necessary and lawful future documents, including applications, for filing divisions, continuations and continuations-in-part of said application for patent, and/or, for obtaining any reissue or reissues of any Letters Patent which may be granted for my aforesaid Invention, as the Assignee or its Designee(s) may from time to time require and prepare at its own expense.

mita Sato

Signature: K

Kimitaka SATO

Signature:

July 14, 2005

Date

Date

Signature:

Signature:

Signature:

Date

Date

Date

PATENT REEL: 016487 FRAME: 0713

RECORDED: 09/02/2005