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In Re the Ap	plication of:)	Group Art Unit:				
JI, et	al. 9-7-11)	Examiner:				
Serial No.: 09/852,699)	RECORDATION OF ASSIGNMENT "EXPRESS MAIL" MAILING LABEL NUMBER: EL545147146US DATE OF DEPOSIT: September 7, 2001				
Filed: May 1	1, 2001)					
Atty. File No.: 4764-24)	I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE "EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE UNDER 37 C.F.R. 1.10 ON THE DATE INDICATED ABOVE				
LEAG	THOD FOR THIOSULFATE CHING OF PRECIOUS METAL- TAINING MATERIALS")))	AND IS ADDRESSED TO THE ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231. TYPED OR PRINTED NAME: Jennie R. Hamel SIGNATURE: CONNECTION OF THE ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231.				
BOX ASSIG Commission Washington,	er of Patents						
Dear Sir:							
Pleas	e record the attached original docu	mer	nts or copy thereof:				
1.	Name of conveying party(ies):						
	Jinxing Ji Christopher Andrew Fler Paul George West-Sells Ralph Peter Hackl	minį	g				
2.	Name and address of receiving p	party	y(ies):				
	Placer Dome Technical Services Limited 1600-1055 Dunsmuir Street British Columbia, Vancouver, Canada V7X 1P1						
3.	Nature of Conveyance:						
	[X] Assignment [] Security Agreement [] Other:		[] Merger [] Change of Name				
LMUELLER 0000011:	1 09852699 40.00 0P						

PATENT REEL: 012146 FRAME: 0615

	Execution Date: July 8, 2001 and August 10, 2001					
4.	Appl	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:					
	A.	Patent Application No.(s): 09/852,699				
	B.	Patent No.(s): None.				
5.		e and address of party to whom correspondence concerning documents should ailed:				
		Mollybeth R. Kocialski, Esq Sheridan Ross P.C. 1560 Broadway, Suite 1200 Denver, Colorado 80202-5141				
6.	Total _1.	number of applications and patents involved:				
7.	Total	Total fee (37 CFR 3.41)\$40.00.				
	[X]	Enclosed				
	[X]	Any deficiency in payment of recording fee is authorized to be charged to Deposit Account.				
	[]	Authorized to be charged to deposit account.				
8.	Depo	Deposit account number: 19-1970				
9.	State	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.				

ASSIGNMENT

WHEREAS, we, Jinxing Ji of 53-6700 Rumble Street, Burnaby, B.C. V5E 4H7, Christopher Andrew Fleming of 41 Rustic Street, RR4, Omemee, Ontario K0L 2W0, Paul George West-Sells of 109-1901 Barclay Street, Vancouver, B.C. V6G 1L1, and Ralph Peter Hackl of 26-5880 Hampton Place, Vancouver, B.C. V6T 2E9, have invented a certain new and useful invention entitled "METHOD FOR THIOSULFATE LEACHING OF PRECIOUS METAL-CONTAINING MATERIALS", for which an application for Letters Patent of the United States has been prepared and filed on May 11, 2001, receiving Serial No. 09/852,699, and further identified as Attorney File No. 4764-24;

NOW THEREFORE, be it known that we, the said inventors, for and in consideration of certain good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, at the request of the assignee do sell, assign and transfer unto said assignee, Placer Dome Technical Services Limited, a British Columbia corporation having a place of business at 1600-1055 Dunsmuir Street, British Columbia, Vancouver, Canada V7X 1P1, its successors, legal representatives and assigns, the aforesaid application for the territory of the United States of America and all continuation, divisional, continuation-in-part and reissue applications, all patent applications in foreign countries, all applications pursuant to the Patent Cooperation Treaty, and all applications for extension filed or to be filed for the invention, and all Letters Patent, Invention Registrations, Utility Models, Extensions or Reissues and other patent rights, obtained for the invention in the United States or any other country; we also assign any right, title or interest in and to the invention which has not already been transferred to the assignee; we warrant that we have made no assignment of the invention, application or patent therefor to a party other than Placer Dome Technical Services Limited and we are under no obligation to make any assignment of the invention, application, or patent therefor to any other party; and we further agree to cooperate with the assignee hereunder in the obtaining and sustaining of any and all such Letters Patent and in confirming assignee's exclusive ownership of the invention, but at the expense of said assignee.

The Commissioner of Patents is hereby authorized and requested to issue the Letters Patent solely in accordance with the terms of this Assignment, to Placer Dome Technical Services Limited, its successors, legal representatives and assigns, as the assignee of the entire right, title and interest therein.

IN WITNESS WHEREOF, the parties hereto have executed this Assignment as of the date indicated hereunder.

PATENT REEL: 012146 FRAME: 0617

Date: 8/10/0/	By:	e Ca	Jet 16					
	Paul George West-Sells							
PROVINCE OF								
STATE OF BRITICH COLUMBIA)							
COUNTY OF) ss.							
COUNTION)							
Before me, a Notary Public in and for said County and State, personally appeared Paul George West-Sells, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.								
Given under my hand and so	eal of office this _	loh day of	August, 2001.					
8. 1e00-10 '	ON C. STEVENS arrister & Solicitor 55 DUNSMUIR STREET ANCOUVER, BC — 1P1 (604) 682-7082	\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	Juny Public					
		, , , , , , , , , , , , , , , , , , , ,	20					
My Comn	nission Expires:	NO EXP	1127					
Date: August 10, 20.1 By: Falsh Joseph Ralph Peter Hackl								
PROVINCE OF STATE OF BRITISH COLUMBIA COUNTY OF)) ss.)							
Before me, a Notary Public in and for said County and State, personally appeared Ralph Peter Hackl, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed.								
Given under my hand and se	eal of office this _	loth day of	August , 2001.					
B 1800-10 V	ON C. STEVENS arrister & Solicitor 65 DUNSMUIR STREET ANCOUVER, BC 1P1 (604) 682-7082	Nota	ary Public					
My Com	nission Expires:_	ho	EXPIRY					

Date: 4 10/0/	By:	1				
Planince of	Jin	xing Ji				
·	1					
BIZITISH COLUMBIA)) ss.					
COUNTY OF) 33.					
	,					
Before me, a Notary Public is Ji, known to me to be the person acknowledged to me that he execute expressed.	whose name	is subscribe	d to the foregoing i	instrument, and		
Given under my hand and se	al of office t	his <u>10</u> 6	lay of Angu	, 2001.		
1600-	SON C. STEVE Barrister & Solicitor 1055 DUNSMUIR ST VANCOUVER, BC X 1P1 (304) 882-70	REET	Notary Public			
My Comm	ission Expir	es:^	o Expary			
Date: 17/8/2001 PROVINCE STATE OF ONTARIC	By:	ristopher Andr	rew Fleming			
COUNTY OF PETERBOROUGH)					
Before me, a Notary Public in and for said County and State, personally appeared Christopher Andrew Fleming, known to me to be the person whose name is subscribed to the foregoing instrument, and acknowledged to me that he executed the same for the purposes and considerations therein expressed. Given under my hand and seal of office this						
	GARY AR	THUR BOOTH	Notary Public (Intohis)		

My Commission/Expirex:_

PATENT REEL: 012146 FRAME: 0619 Total number of pages including cover sheet, attachments and document: 8

Respectfully submitted,

SHERIDAN ROSS P.C.

By:

Mollybeth R. Kocialski-Registration No. 42,754

1560 Broadway, Suite 1200 Denver, Colorado 80202-5141

(303) 863-9700

Date: 4 (4764\-24\Recordation of Assignment 1 wpd

RECORDED: 09/07/2001