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10-08-1999

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U.S. DEPARTMENT OF COMMERCE
PATENT AND TRADEMARK OFFICE

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101164402 To the Honorable Commissioner of Patent shed original document or copy thereof 1. Name of conveying party(ies): mRO 2. Name and address of receiving party(ies): 10-4-99 David Dreisinger Name: International PGM Technologies Limited Internal Address: _ Additional names(s) of conveying party(ies) attached? ____yes <u>X</u>no Street Address: 185 Concession Street 3. Name of Conveyance: Lakefield, Ontario KOL 2HO X Assignment Canada __ Security Agreement Additional name(s) & address(es) Other ____ attached? OCT - 4 1999 Execution Date: July 31, 1999 yes 4. Applicants 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) B. Patent No.(s) 09/300,878 Additional number attached? 5. Name and address of party to whom correspondence Total number of applications and patents involved: 1 concerning document should be mailed: Name: THOMAS A. O'ROURKE 7. Total fee (37 CFR 3.41) $\frac{40.00}{}$ X Enclosed Internal Address: Wyatt, Gerber, Meller & Authorized to be changed to deposit account O'Rourke, L.L.P. 99 PARK AVENUE 8. Deposit account number: NEW YORK, NEW YORK 10016 23-3428 (Attached duplicate copy of this page if paying by deposit account) DO NOT USE THIS SPACE 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. Thomas A. O'Rourke, Reg. No.: 27,665 Signature Total number of pages comprising cover sheet 0651-0011 (exp. 4/94) OMB No. Do not detach this portion Mail documents to be recorded with required cover sheet information to: 10/07/1999 DNGUYEN 00000307 09300878 COMMISSIONER OF PATENTS AND TRADEMARKS BOX ASSIGNMENTS WASHINGTON, D.C. 20231 01 FC:581

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PATENT REEL: 010285 FRAME: 0024

ASSIGNMENT

WHEREAS, DAVID DREISINGER and P. TERRY O' KANE, (hereinafter referred to as 'ASSIGNORS'), whose full post office addresses are 5233 Bentley Cres. Delta, British Columbia CANADA V4K 4K2 and 2560 Ashurst Avenue Coquitlam, British Columbia CANADA V3K 5T4 respectively, made an invention entitled 'OXIDATIVE PRESSURE LEACH RECOVERY USING HALIDE IONS' which was filed on April 28, 1999 under serial number, 09/300,878 as a continuation-in-part of application serial number 09/299,714 April 26, 1999, which is a continuation-in-part of application serial number 09/298,337 filed April 23, 1999.

AND WHEREAS, INTERNATIONAL PGM TECHNOLOGIES LIMITED (hereinafter referred to as 'ASSIGNEE'), whose full post office address is Postal Bag 4300, 185 Concession Street Lakefield, Ontario K0L 2H0 CANADA is desirous of acquiring and has acquired from the said ASSIGNORS their entire right, title and interest in and to the said invention;

NOW THEREFORE to all whom it may concern be it known that for and in consideration of the sum of one dollar (\$1.00) to them in hand paid by ASSIGNEE, and other good and valuable consideration the receipt and sufficiency of which is hereby acknowledged, the said ASSIGNORS hereby confirm that they have sold, assigned and transferred, and do hereby sell, assign and transfer to the said ASSIGNEE, its successors and assigns, their entire right, title and interest in and to the said invention for all countries and in and to the said United States Patent Application and all Letters Patent that may be obtained therefor in the United States, and in and to any corresponding patents and patent applications therefor in Canada and other countries.

AND the said ASSIGNORS hereby authorize and request the Commissioner of Patents to issue United States Letters Patent for the said invention to the said ASSIGNEE for its sole use and benefit; and for the use and benefit of its successors and assigns, to the full end of the term for which a United States Letters Patent may be granted, as fully and entirely as the same would have been held by the said ASSIGNORS had this assignment and sale not been made.

I hereby undertake without liability at any time upon request to do everything legally possible to assist the said ASSIGNEE in the filing and prosecution of any patent application relating to the said invention in any country, to sign such documents and do such things as may be required to give effective legal and registered title of the said ASSIGNEE to the invention in any country, all without further consideration but at the expense of the said ASSIGNEE.

SIGNED at Vanavae, this 31 day of July, 1999.

DA VID DREIS NGER

STATEMENT OF WITNESS

1, So anie De Sings, whose full post office address is 5233 Benden Cres, Delto BC VIK VKD hereby declare that I was personally present and did see DAVID DREISINGER, who is personally known to me to be the person in the attached assignment, duly sign and execute the same.

SIGNED at Vancourc, this 3 Iday of July, 1999.

Signature of Witness

PATENT REEL: 010285 FRAME: 0025

SIGNED at	, this _ day of <u>July</u> , 1999.
P. TERRY O'KANE	-
	STATEMENT OF WITNESS
I,	, whose full post office address is
	hereby declare that I was personally present and did see P. TERRY O'KANE, who is
personally known to me	e to be the person in the attached assignment, duly sign and execute the same.
SIGNED at	this day of July, 1999.

Signature of Witness

RECORDED: 10/04/1999

PATENT REEL: 010285 FRAME: 0026