

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Koji Yamada	11/10/2004
Masahiko Ogino	11/15/2004
Nobuyasu Ezawa	11/18/2004
Hiroshi Inoue	11/25/2004

RECEIVING PARTY DATA

Name:	Dowa Mining Co., Ltd.
Street Address:	8-2, Marunouchi 1-chome
City:	Chiyoda-ku, Tokyo
State/Country:	JAPAN
Postal Code:	100-8282

Name:	Tanaka Kikinzoku Kogyo K.K.
Street Address:	6-6, Nihonbashi Kayaba-cho, 2-chome
City:	Chuo-ku, Tokyo
State/Country:	JAPAN
Postal Code:	103-0025

Name:	Kosaka Smelting & Refining Co., Ltd.
Street Address:	8-2, Marunouchi 1-chome
City:	Chiyoda-ku, Tokyo
State/Country:	JAPAN
Postal Code:	100-8282

Name:	Nippon PGM Co., Ltd.
Street Address:	8-2, Marunouchi 1-chome
City:	Chiyoda-ku, Tokyo
State/Country:	JAPAN
Postal Code:	100-8282

OP \$40.00 10521818

PATENT

500024862

REEL: 015821 FRAME: 0589

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	10521818

CORRESPONDENCE DATA

Fax Number: (202)835-1755

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 202-835-1111

Email: tboyden@clarkbrody.com

Correspondent Name: Clark & Brody

Address Line 1: 1090 Vermont Avenue, NW

Address Line 2: Suite 250

Address Line 4: Washington, DISTRICT OF COLUMBIA 20005

NAME OF SUBMITTER:	Christopher W. Brody
--------------------	----------------------

Total Attachments: 1
source=12065-20 Assignment#page1.tif

☒ 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: _____

METHOD AND APPARATUS FOR RECOVERING PLATINUM GROUP ELEMENTS

Assignee :

- (1) DOWA MINING CO., LTD., a Japanese corporation, of
8-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8282 Japan
- (2) TANAKA KIKINZOKU KOGYO K.K., a Japanese corporation, of
6-6, Nihonbashi Kayaba-cho 2-chome, Chuo-ku, Tokyo 103-0025 Japan
- (3) KOSAKA SMELTING & REFINING CO., LTD., a Japanese corporation, of
8-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8282 Japan
and
- (4) NIPPON PGM CO., LTD., a Japanese corporation, of
8-2, Marunouchi 1-chome, Chiyoda-ku, Tokyo 100-8282 Japan

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 Invention, 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.

Signature: Koji YAMADA

November 10, 2004
Date

Signature: Masahiko OGINO

November 15, 2004
Date

Signature: Nobuyasu EZAWA

November 18, 2004
Date

Signature: Hiroshi INOUE

November 25, 2004
Date

Signature: [Signature]

Date _____