

05-11-2001



FORM PTO-1619A
Expires 06/30/99
OMB 0651-0027

101714528

U.S. Department of Commerce
Patent and Trademark Office
PATENT

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TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

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New

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Reel # _____ Frame # _____

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Conveyance Type

Assignment Security Agreement

License Change of Name

Merger Other _____

U.S. Government
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Departmental File Secret File

Conveying Party(ies)

Mark if additional names of conveying parties attached Execution Date
Month Day Year

Name (line 1) Richmond, Geoffrey March 1, 2001

Name (line 2) _____

Second Party

Execution Date
Month Day Year
April 4, 2001

Name (line 1) Dreisinger, David

Name (line 2) _____

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1) Western Metals Copper Limited

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2) _____

Address (line 1) 39 River Road

Address (line 2) _____

Address (line 3) Burnie, Tasmania Australia 7320
City State/Country Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name Otto O. Lee

Address (line 1) Intellectual Property Law Group, LLP

Address (line 2) 12 South First Street, Twelfth Floor

Address (line 3) San Jose, California 95113

Address (line 4) _____

FOR OFFICE USE ONLY

05/10/2001 GTQ11 00000310 09744422

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Mail documents to be recorded with required cover sheet(s) information to:
Commissioner of Patents and Trademarks, Box Assignments, Washington, D.C. 20231

PATENT
REEL: 011775 FRAME: 0680

Correspondent Name and Address

Area Code and Telephone Number

(408) 286-8933

Name Otto O. Lee

Address (line 1) Intellectual Property Law Group, LLP

Address (line 2) 12 South First Street, Twelfth Floor

Address (line 3) San Jose, California 95113

Address (line 4)

Pages Enter the total number of pages of the attached conveyance document including any attachments.

3

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

09/744422

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor.

Month Day Year

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT PCT PCT
PCT PCT PCT

Number of Properties

Enter the total number of properties involved.

1

Fee Amount

Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

Method of Payment:
Deposit Account

Enclosed Deposit Account

(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number:

501037

Authorization to charge additional fees:

Yes No

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. Charges to deposit account are authorized, as indicated herein.

Otto O. Lee

Otto O. Lee

Aug 1, 2001

Name of Person Signing

Signature

Date

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Application of: Western Metals
Copper Limited
Serial No.: 09/744422
Filed: January 23, 2001
For: Processing Copper Sulphide Ores

Honorable Commissioner of Patents and Trademarks
Box Assignments
Washington, D.C., 20231

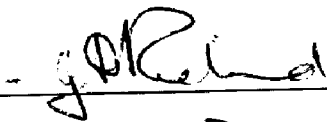
DESIGNATION OF DOMESTIC REPRESENTATIVE

Dear Sir:

The following individual is hereby designated as domestic representative for Western Metals Copper Limited, upon whom all notices or process in proceedings affecting the registration issuing hereon may be served:

Otto O. Lee
Intellectual Property Law Group
12 South First Street, Suite #1212
San Jose, CA 95113.

Respectfully submitted,

Signed: 
Name (print): G. D. Richmond
Corp. Title: Chief Metallurgist

Western Metals Copper Limited
39 River Road, Burnie, Tasmania 7320, Australia

Date: 11 April 2001

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, Geoffrey Richmond of 39 River Road, Burnie, Tasmania, Australia, hereinafter referred to as "Assignor", is the inventor of the invention described and set forth in the below identified application for United States Letters Patent:

Title of the Invention: Processing Copper Sulphide Ores
Date(s) of execution: _____
Filing date: N/A
Serial No. N/A; and

WHEREAS, Western Metals Copper Limited, a corporation incorporated in Australia, located at **39 River Road, Burnie, Tasmania 7320, Australia**, hereafter referred to as "Assignee", is desirous of acquiring an interest in the invention and application and in any Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents does assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent utility model and industrial designs), and all future improvements thereon, and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent application and foreign counterparts on the invention and any improvements, (b) execute, verify acknowledge and deliver all such further papers, including patent applications and instruments of transfer and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Date: 1st March 2001 Geoffrey Richmond
(Name of Assignor)

STATE OF Tasmania
CITY BURNIE)
COUNTY OF _____) ss.

Before me personally appeared said Geoffrey Richmond and acknowledged the foregoing instrument to be his free act and deed this 1st day of March, 2001.

Seal

[Signature]
(Notary Public)

ZIEMA SAMEC
Commissioner for Declarations
Notary Public and Solicitor
75 Mount Street, Burnie, Tasmania

ASSIGNMENT OF PATENT APPLICATION

WHEREAS, David Bruce Dreisinger of 5233 Bentley Crescent, Delta BC, Canada, V4K 4K2, hereinafter referred to as "Assignor", is the inventor of the invention described and set forth in the below identified application for United States Letters Patent:

Title of the Invention: Processing Copper Sulphide Ores
Date(s) of execution: _____
Filing date: N/A
Serial No. N/A; and

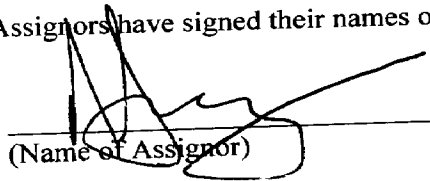
WHEREAS, Western Metals Copper Limited, a corporation incorporated in Australia, located at **39 River Road, Burnie, Tasmania 7320, Australia**, hereafter referred to as "Assignee", is desirous of acquiring an interest in the invention and application and in any Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents does assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent utility model and industrial designs), and all future improvements thereon, and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent application and foreign counterparts on the invention and any improvements, (b) execute, verify acknowledge and deliver all such further papers, including patent applications and instruments of transfer and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

Date: APRIL 4, 2001

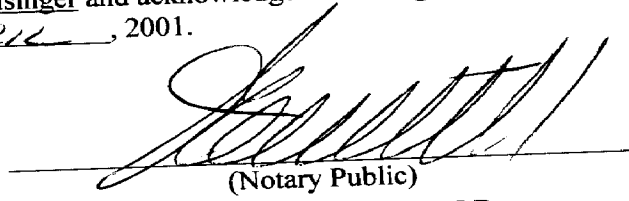

(Name of Assignor)

CANADA
STATE OF PROVINCE OF BRITISH COLUMBIA
COUNTY OF _____

ss.

Before me personally appeared said David Bruce Dreisinger and acknowledged the foregoing instrument to be his free act and deed this 4th day of APRIL, 2001.

Seal


(Notary Public)

JOHN D. EASTWOOD
NOTARY PUBLIC
4805 Delta Street
Delta, BC V4K 2T7
(604) 946-8010
A NOTARY PUBLIC
IN AND FOR THE PROVINCE
OF BRITISH COLUMBIA
MY COMMISSION IS FOR LIFE
PATENT