PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
ELECTROCOPPER PRODUCTS LIMITED	12/24/2001

RECEIVING PARTY DATA

Name:	PHELPS DODGE CORPORATION
Street Address:	One North Central Avenue
City:	Phoenix
State/Country:	ARIZONA
Postal Code:	85004-2306

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11022171

CORRESPONDENCE DATA

Fax Number: (602)382-6070

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

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ATTORNEY DOCKET NUMBER: 97112.3136

NAME OF SUBMITTER: Wendy S. Neal

Total Attachments: 1

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PATENT REEL: 021422 FRAME: 0831 4 \$40.00 110.

ASSIGNMENT

(TRANSFER)

ASSIGNOR:

ELECTROCOPPER PRODUCTS LIMITED

1255 West Baseline Road, Suite 288

Mesa, Arizona 85202 United States of America

a corporation organized and existing under the laws of the State of Ohio, United States of America, does hereby claim and declare that it is the recorded owner of the United States Patent Application No. 09/802,656, filed March 9, 2001, entitled APPARATUS FOR CONTROLLING FLOW IN AN ELECTRODEPOSITION PROCESS, and other rights and powers obtainable or exercisable in respect thereof.

Assignor does hereby, for good and valuable consideration received, sell, assign and transfer unto:

ASSIGNEE:

PHELPS DODGE CORPORATION

1 North Central Avenue Phoenix, Arizona 85004-2306 United States of America

a corporation organized and existing under the laws of the State of New York, United States of America, its entire right, title and interest in and to the said United States Patent Application, and consents to the recordal of this Assignment.

ASSIGNOR

Subscribed and sworn by us:

At Mesa, Arizona USA

This 24th day of Dec., 2001

ELECTROCOPPER PRODUCTS LIMITED

By Mark D. Crum

Name: Mark D. Council

Title: <u>Leneral Manager</u>

Witnessed by:

RECORDED: 08/21/2008

Jame Clorda Lineva Yoranda Privera

PATENT REEL: 021422 FRAME: 0832