Electronic Version v08 Stylesheet Version v02

SUBMISSION TYPE:

NEW ASSIGNMENT

APPLICATION NUMBER

11/160909

NATURE OF CONVEYANCE:

ASSIGNMENT OF ASSIGNOR'S INTEREST

CONVEYING PARTY DATA

Name	Execution Date
John O Marsden	2005-07-11
Scot P Sandoval	2005-07-08
Antonioni C Stevens	2005-07-08
Timothy G Robinson	2005-07-08
Stanley R Gilbert	2005-07-08

RECEIVING PARTY DATA

Name	Street Address	Internal Address	City	State/Country	Postal Code
	One North Central Avenue		Phoenix	IARIZONA	85004- 4464

CORRESPONDENCE DATA

FAX NUMBER: 6023826070

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

When the customer number has been provided, the Office of Public Records will obtain the correspondence data from the

official record on file at the USPTO. CUSTOMER NUMBER: 020322

 NAME OF PERSON SIGNING:
 Wendy S. Neal

 DATE SIGNED:
 2005-07-14

Total Attachments: 4 source=Assign1.tif source=Assign2.tif source=Assign3.tif

source=Assign4.tif

PATENT REEL: 016266 FRAME: 0119

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ASSIGNMENT

UTILITY PATENT

WHEREAS, the undersigned inventors (hereinafter singly and collectively, "ASSIGNOR") of the addresses indicated below, have invented an APPARATUS FOR PRODUCING METAL POWDER BY ELECTROWINNING, for which application for Non-Provisional Utility Patent of the United States is filed herewith;

AND WHEREAS, PHELPS DODGE CORPORATION (hereinafter "ASSIGNEE"), a corporation organized and existing under and by virtue of the laws of the State of Arizona, having its principal place of business at and a mailing address of One North Central Avenue, Phoenix, Arizona 85004-4464, is desirous of acquiring an interest therein;

AND WHEREAS, a "formal application," as referred to herein, shall mean any provisional, non-provisional, continuation, continuation in part, divisional, reissue, reexamination, foreign, PCT or other patent application or like document;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, ASSIGNOR by these presents do sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right to the aforesaid applications, to the invention as described in the aforesaid applications, and to all formal applications which may be filed based in whole or in part on one or more of the aforesaid applications, in the United States and all foreign countries, together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention Relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States adheres, and hereby authorizes and requests the Commissioner of Patents to issue said Letters Patent to ASSIGNEE, for the sole use and benefit of ASSIGNEE, its successors, assigns and legal representatives,

AND HEREBY AGREE to transfer, upon request of ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, a like interest in and to any improvements and formal applications based thereon, growing out of or relating to the invention;

AGREEING, FURTHERMORE, without further remuneration, to provide all reasonable assistance and execute any papers requested by ASSIGNEE, its successors, assigns and legal representatives, to preserve and/or acquire ASSIGNEE's full protection and title in and to the invention hereby transferred and any improvements therein,

AGREEING, FURTHERMORE, upon request of ASSIGNEE, and without further remuneration, to execute any and all papers desired by ASSIGNEE for the filing and granting of formal applications based on the invention or improvements therein, and for the filing and granting of foreign applications and the perfecting of title thereto in ASSIGNEE.

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EXECUTED as of the date(s) written below by ASSIGNOR:

First joint inventor:	John O. Marsden		
Signature:	ONL		Date: 02/11/05
	1248 East Seminole Dri	ve, Phoenix, Arizona 85022	
STATE OF A	ma)		
COUNTY OF M	ruga X		
county, appeared Jo subscribed to the for	hn O. Marsden who is keepoing instrument, and he	2005, before me, a notary known to me to be the same acknowledges that he signe for the uses and purposes the	person whose name is d, sealed and delivered
My commission exp	KATHRYN RAMSEY Notary Public - Arteona Maricopa County My Comm. Explore Out 27, 200	Kuthuen /2 Notar Public	long
10-27-05			
	or: Scot P. Sandoval		
Signature:	P. Sudn		Date: 8 July 07
Residence address:	100 Hohokam, Morenci	i, Arizona 85540	
STATE OF ACCOUNTY OF M	≥0 n co)) ss.		
$\sim \mathcal{H}$.			
On this day	y of <u>fuly</u> ,	, 2005, before me, a notary known to me to be the same	public in and for said person whose name is
subscribed to the for	regoing instrument, and he	e acknowledges that he signe	d, sealed and delivered
SHAR NOTARY MARIO My Comm.	untary act FICIAL SEAL ON C. RIDER OPA COUNTY Expires July 24, 2006	for the uses and purposes the	Riduc_
My commission exp	oires:	inotally I dolle	
1693751.1	_	- 2 -	

	Antonioni C. Stevens		1 1
Signature:	A Brund		Date: 7 8 05
Residence address:	2597 West Dove Land	e, Thatcher, Arizona 85552	
STATE OF AR	170xa)		
COUNTY OF Ma	recopa		
On thisday county, appeared Ar is subscribed to the	of fully ntonioni C Stevens, where foregoing instrument	_, 2005, before me, a notar no is known to me to be the s , and he acknowledges that	he signed, sealed and
delivered the said in	nstrument as a free and	l voluntary act for the uses a	and purposes therein set
forth.	OFFICIAL SEAL SHARON C. RIDER OTARY PUBLIC-ARIZONA MARICOPA COUNTY Comm. Expires July 24, 2006	Sharow Notary Publi	Rider
My commission exp	irac	Notary Publi	C
My commission exp	nies.	-	
	m		
Fourth joint inventor	r: Timothy G. Robinson		=18(0=
Signature:	<u></u>		Date:
Residence address:			
Itobiaciico aaai ebb.	9400 North 109th Place	ce, Scottsdale, Arizona 85259	
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STATE OF <u>Acc</u>	· ono) ss. vueopa)		
STATE OF Accountry OF Macountry, appeared Trame is subscribed) ss. (of July imothy G. Robinson, to the foregoing instrum	, 2005, before me, a notar who is known to me to be nent, and he acknowledges the voluntary act for the uses	y public in and for said the same person whose at he signed, sealed and
STATE OF Accountry OF Management of Manageme) ss. (of July imothy G. Robinson, to the foregoing instrum	_, 2005, before me, a notar who is known to me to be nent, and he acknowledges the voluntary act for the uses	y public in and for said the same person whose at he signed, sealed and and purposes therein set
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STATE OF Accountry OF Macountry OF Macountry, appeared T name is subscribed delivered the said in forth.) ss. (cono) (ss. (cono) (sof July (imothy G. Robinson, to the foregoing instrument as a free and	_, 2005, before me, a notar who is known to me to be nent, and he acknowledges the voluntary act for the uses	y public in and for said the same person whose at he signed, sealed and
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U.S. Serial No. TBA
Attorney Docket No. 97112.3600

Fifth joint inventor: Stanley R. Gilbert
Signature: Date:
Residence address: 1510 Hummingbird Lane, Thatcher, Arizona 85552
STATE OF Arizona) ss. COUNTY OF Marcop On this 8th day of July, 2005, before me, a notary public in and for said
COUNTY OF Nancop
On this graded day of graded, 2005, before me, a notary public in and for said county, appeared Stanley R. Gilbert , who is known to me to be the same person whose name is subscribed to the foregoing instrument, and he acknowledges that he signed, sealed and delivered the said instrument as a free and voluntary act for the uses and purposes therein set forth.
SHARON C. RIDER NOTARY PUBLIC-ARIZONA MARICOPA COUNTY My Comm. Expires July 24, 2006 Notary Public
My commission expires:

1693751.1

RECORDED: 07/14/2005

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