PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE: NEW ASSIGNMENT

NATURE OF CONVEYANCE: ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Pittsburgh Mineral & Environmental Technology, Inc.	11/05/2009

RECEIVING PARTY DATA

Name:	Pittsburgh Iron Oxides, LLC
Street Address:	700 Fifth Avenue
City:	New Brighton
State/Country:	PENNSYLVANIA
Postal Code:	15066

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11274007

CORRESPONDENCE DATA

Fax Number: (412)566-6099

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

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Address Line 2: U.S. Steel Tower

Address Line 4: Pittsburgh, PENNSYLVANIA 15219

ATTORNEY DOCKET NUMBER: 288907-00781

NAME OF SUBMITTER: Carol A. Marmo

Total Attachments: 2 source=32ASN#page1.tif source=32ASN#page2.tif

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PATENT REEL: 023527 FRAME: 0921

PATENT ASSIGNMENT

Patent Publication No. <u>US 2007/0110648 A1</u> Issued: <u>To Be Issued</u>

WHEREAS, PITTSBURGH MINERAL & ENVIRONMENTAL

TECHNOLOGY, INC., a Pennsylvania corporation, hereinafter referred to as "Assignor", has developed a process of producing magnetite with a high purity, for which a patent application was filed November 17, 2005 at Application No. 11/274,007, with the aforegoing individuals and entity being the sole legal owner of said patent rights; and

WHEREAS, PITTSBURGH IRON OXIDES, LLC, a Pennsylvania limited liability company, its successors and assigns, hereinafter referred to as "Assignee", is the equitable owner of and is desirous of acquiring the entire right, title and interest in and to said patent as may be issued by the United States of America.

WITNESSETH THAT:

NOW, THEREFORE, intending to be legally bound hereby, and in consideration of the premises and other food and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, Assignor has sold, assigned and transferred, and by these presents, does hereby sell, assign and transfer, unto the said Assignee, the entire right, title and interest in and to said patent application and in and to the United States Letters Patents as same may be issued, the same to be held and enjoyed by the said Assignee, its successors and assigns, to the full end of the term for which said Letters Patent will be granted as fully and entirely as the same would have been held and enjoyed by said Assignor as this assignment and sale had not been made.

WITNESS:

PITTSBURGH MINERAL & ENVIRONMENTAL TECHNOLOGY,

INC., a Pennsylvania Corporation

Name: Inomas E

Title: TRESIDENT

PATENT REEL: 023527 FRAME: 0922

COMMONWEALTH OF PENNSYLVANIA)
$\mathcal{L}_{\mathcal{O},\mathcal{O}_{\mathcal{O}}}$) ss:
COUNTY OF TRUNKS
The state of
AND NOW, to-wit, this 5 day of November, 2009, before,
me, the undersigned officer, a notary public, personally appeared Thomas E. Liebani
An individual, and who, being duly sworn according to law, deposes and says that he is
the CSCENT of PITTSBURGH MINERAL & ENVIRONMENTAL
TECHNOLOGY, INC. a Pennsylvania corporation, being authorized to do so, and
acknowledges that he executed the foregoing instrument for the purposes therein
contained by signing his name as such officer of such corporation

IN WITNESS WHEREOF, I hereunto set my hand and official seal.

Notary Public

My Commission Expires:

NOTARIAL SEAL
WILLIAM F SUTTON
NOTARY Public
NEW BRIGHTON BOROUGH, BEAVER CNTY
My Commission Expires Apr 26, 2013

RECORDED: 11/17/2009

PATENT

REEL: 023527 FRAME: 0923