

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT						
NATURE OF CONVEYANCE:	ASSIGNMENT						
CONVEYING PARTY DATA							
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Kyle Leboutitz</td><td>07/29/2008</td></tr><tr><td>Edward F. Hinds</td><td>07/29/2008</td></tr></tbody></table>	Name	Execution Date	Kyle Leboutitz	07/29/2008	Edward F. Hinds	07/29/2008	
Name	Execution Date						
Kyle Leboutitz	07/29/2008						
Edward F. Hinds	07/29/2008						
RECEIVING PARTY DATA							
Name:	Xactix, Inc.						
Street Address:	2403 Sidney Street, Suite 300						
City:	Pittsburgh						
State/Country:	PENNSYLVANIA						
Postal Code:	15203						
PROPERTY NUMBERS Total: 1							
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>11816760</td></tr></tbody></table>	Property Type	Number	Application Number:	11816760			
Property Type	Number						
Application Number:	11816760						
CORRESPONDENCE DATA							
Fax Number:	(412)471-4094						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	412-471-8815						
Email:	webblaw@webblaw.com						
Correspondent Name:	THE WEBB LAW FIRM, P.C.						
Address Line 1:	700 KOPPERS BUILDING						
Address Line 2:	436 SEVENTH AVENUE						
Address Line 4:	PITTSBURGH, PENNSYLVANIA 15219						
ATTORNEY DOCKET NUMBER:	4853-072951						
NAME OF SUBMITTER:	Randall A. Notzen, Reg. No. 36,882						
Total Attachments: 7 source=Assignment#page1.tif source=Assignment#page2.tif							

OP \$40.00 11816760

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PATENT
REEL: 021475 FRAME: 0459

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**RECORDATION FORM COVER SHEET
PATENTS ONLY**

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Kyle LEBOUTZ
Edward F. HINDS

Additional name(s) of conveying party(ies) attached? ☐ Yes ☒ No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) July 29, 2008

- ☒ Assignment ☐ Merger
☐ Security Agreement ☐ Change of Name
☐ Joint Research Agreement
☐ Government Interest Assignment
☐ Executive Order 9424, Confirmatory License
☐ Other _____

2. Name and address of receiving party(ies)

Name: XACTIX, INC.

Internal Address: _____

Street Address: 2403 Sidney Street, Suite 300

City: Pittsburgh

State: Pennsylvania

Country: USA Zip: 15203

Additional name(s) & address(es) attached? ☐ Yes ☒ No

4. Application or patent number(s):

☐ This document is being filed together with a new application.

A. Patent Application No.(s)
11/816,760

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Randall A. Notzen

Internal Address: The Webb Law Firm

Street Address: 436 Seventh Avenue
700 Koppers Building

City: Pittsburgh

State: PA Zip: 15219

Phone Number: 412-471-8815

Fax Number: 412-471-4094

Email Address: webblaw@webblaw.com

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- ☒ Authorized to be charged by credit card
☐ Authorized to be charged to deposit account
☐ Enclosed
☐ None required (government interest not affecting title)

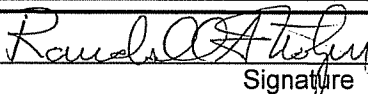
8. Payment Information

a. Credit Card Last 4 Numbers 1059
Expiration Date 08/2010

b. Deposit Account Number 23-0650

Authorized User Name _____

9. Signature:


Signature

September 3, 2008
Date

Randall A. Notzen, Reg. No. 36,882
Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

4

Documents to be recorded (including cover sheet) should be faxed to (571) 273-0140, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

Doc. No.

**PATENT
REEL: 021475 FRAME: 0461**

DOMESTIC
Application No. 11/816,760

Attorney Docket No. 4853-072951

ASSIGNMENT

WHEREAS, as a below named inventor, I have invented certain new and useful
improvements in

ETCHING CHAMBER WITH SUBCHAMER
(Invention Title)

☒ for which a United States Provisional Patent application was filed on 02/22/2005 (mm/dd/yyyy)
and bears Application Number 60/655,094 (hereinafter "said application").

AND/OR

☐ for which I have this day executed an application for a United States Patent (hereinafter
"said application").

AND/OR

☒ for which an application for a United States Patent was filed on 08/21/2007 (mm/dd/yyyy)
and bears Application Number 11/816,760 (hereinafter "said application").

AND/OR

☒ for which an international patent application was filed under the Patent Cooperation Treaty
on 02/22/2006 (mm/dd/yyyy), bearing Application No. PCT/US2006/006090 (hereinafter
"said application").

AND, WHEREAS, XACTIX, INC., a corporation of Pennsylvania, United States
of America, having a place of business at 2403 Sidney Street, Suite 300, Pittsburgh,
Pennsylvania 15203, hereinafter called the "assignee", is desirous of acquiring the entire right,
title, and interest in and to said application and the inventions and improvements therein
disclosed.

NOW, THEREFORE, for good and valuable consideration paid to me by said
assignee, the receipt of which is hereby acknowledged, I as the inventor or as one of the
inventors, hereinafter the assignor(s), do hereby assign, sell and transfer unto said assignee the
full and exclusive right, title and interest in and to said application and the inventions and
improvements therein disclosed for the United States and all foreign countries and any Letters
Patent which may issue therefor in the United States and all foreign countries and all divisions,
reissues, continuations, continuations-in-part, renewals and/or extensions thereof. Such
assignment extends to the full ends of the terms of these applications and patents as fully and
entirely as the same would have been held and enjoyed by me had this Assignment not been
made.

I hereby authorize and request any attorney associated with The Webb Law
Firm, Customer No. 28289, to insert here in parentheses (Application No. _____,
filed _____) the filing date and application number of said application when known.

I covenant that I am the lawful owner(s) of said application, inventions and
improvements, that the same are unencumbered, that no license has been granted to make, use or
vend the said inventions or improvements or any of them, and that I have the full right to make
this Assignment.

DOMESTIC
Application No. 11/816,760

Attorney Docket No. 4853-072951

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NOW, THEREFORE, for good and valuable consideration paid to me by said
assignee, the receipt of which is hereby acknowledged, I as the inventor or as one of the
inventors, hereinafter the assignor(s), do hereby assign, sell and transfer unto said assignee the
full and exclusive right, title and interest in and to said application and the inventions and
improvements therein disclosed for the United States and all foreign countries and any Letters
Patent which may issue therefor in the United States and all foreign countries and all divisions,
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this Assignment.

Application No. DOMESTIC
11/816.760Attorney Docket No. 4853-072951

And for the consideration aforesaid, I agree individually and, if applicable, jointly that I will communicate to said assignee or the representatives thereof any facts known to me respecting said inventions and improvements, and will, upon request but without expense to me, testify in any legal proceedings, sign all lawful papers, execute all divisional, reissue, continuation, continuation-in-part, renewal and/or extension applications, make all rightful oaths, and generally do all other and further lawful acts deemed necessary or expedient by said assignee or by counsel for said assignee to assist or enable said assignee to obtain and enforce full benefits from the rights and interests herein assigned. This Assignment shall be binding upon my heirs, executors, administrators and/or assigns, and shall inure to the benefit of the heirs, executors, administrators, successors and/or assigns, as the case may be, of said assignee.

1. FULL NAME OF ASSIGNOR:

Kyle S. Lebowitz

RESIDENCE:

Pittsburgh, PennsylvaniaEXECUTED this 29 day of JULY, 2008

SIGNATURE

Commonwealth of Pennsylvania)

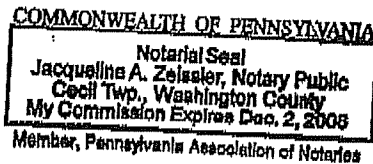
County of ALLEGHENYOn this 29 day of JULY, in the year 2008, before me Jacqueline A. Zeissler,
DAY MONTH YEAR NOTARY PUBLIC NAME

a notary public, personally appeared

Kyle S. Lebowitz

NAME OF DOCUMENT SIGNER

proved on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument, and acknowledged he/she executed the same. Witness my hand and official seal.



NOTARY PUBLIC

S
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L☒ Checked Box indicates 1 additional page(s) for inventor signatures.

Page 2 of 3

Application No. DOMESTIC
11/816,760

Attorney Docket No. 4853-072951

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1. FULL NAME OF ASSIGNOR:

Kyle S. Lebowitz

RESIDENCE:

Pittsburgh, Pennsylvania

EXECUTED this 29 day of JULY, 2008

[Signature]
SIGNATURE

Commonwealth of Pennsylvania)

County of ALLEGHENY

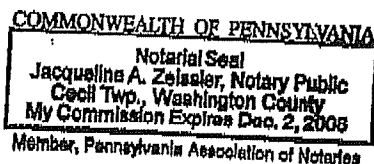
On this 29 day of JULY, in the year 2008, before me Jacqueline A. Zeissler,
DAY MONTH YEAR NOTARY PUBLIC NAME

a notary public, personally appeared

Kyle S. Lebowitz

NAME OF DOCUMENT SIGNER

proved on the basis of satisfactory evidence to be the person whose name is subscribed to this instrument, and acknowledged he/she executed the same. Witness my hand and official seal.



[Signature]
NOTARY PUBLIC

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A
L

☒ Checked Box indicates 1 additional page(s) for inventor signatures.

DOMESTIC
Application No. 11/816,760
Attorney Docket No. 4853-072951

2. FULL NAME OF ASSIGNOR:

RESIDENCE:

Edward F. Hinds

Caldicot Gwent, United Kingdom

EXECUTED this 29 day of JULY, 2008

Edward F. Hinds

SIGNATURE

WITNESS:

J. J. J. J.

J. J. J. J.
42, Priory Way
Langstone
Newport. S. Wales.

DOMESTIC
Application No. 11/816,760
Attorney Docket No. 4853-072951

2. FULL NAME OF ASSIGNOR:

RESIDENCE:

Edward F. Hinds

Caldicot Gwent, United Kingdom

EXECUTED this 29 day of JULY, 2008

Edward F. Hinds

SIGNATURE

WITNESS:

J. Jones

J. JONES
42, PRIORY WAY
LANGSTONE
NEWPORT. S. WALES.