

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Eben Daniel Thoma	06/20/2011
Cary Doman Secrest	06/20/2011
William A. Mitchell	06/20/2011
William C. Squier	06/20/2011
RECEIVING PARTY DATA	
Name:	The United States of America as Represented by the Administrator of the Environmental Protection Agency
Street Address:	1200 Pennsylvania Ave., N.W.
Internal Address:	(MC-2377A)
City:	Washington
State/Country:	DISTRICT OF COLUMBIA
Postal Code:	20460
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13164046
CORRESPONDENCE DATA	
Fax Number:	(704)945-6735
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	704-945-6700
Email:	rowens@summalaw.com
Correspondent Name:	Peter Blackwood Stewart
Address Line 1:	11610 N. Community House Road
Address Line 2:	Suite 200
Address Line 4:	Charlotte, NORTH CAROLINA 28277
ATTORNEY DOCKET NUMBER:	5487.004
NAME OF SUBMITTER:	Peter Blackwood Stewart

OP \$40.00 13164046

501570050

PATENT
REEL: 026481 FRAME: 0342

Total Attachments: 5

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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) Eben Daniel Thoma Cary Doman Secrest William A. Mitchell William C. Squier Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies) <small>The United States of America as Represented by the Administrator of the Environmental Protection Agency</small> Name: _____ Internal Address: _____ Street Address: <u>1200 Pennsylvania Ave., NW</u> <u>(MC-2377A)</u> City: <u>Washington</u> State: <u>District of Columbia</u> Country: <u>USA</u> Zip: <u>20460</u> Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of conveyance/Execution Date(s): Execution Date(s) <u>06/20/2011</u> <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Joint Research Agreement <input type="checkbox"/> Government Interest Assignment <input type="checkbox"/> Executive Order 9424, Confirmatory License <input type="checkbox"/> Other _____	4. Application or patent number(s): <input type="checkbox"/> This document is being filed together with a new application. A. Patent Application No.(s) <u>13/164,046</u> B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
5. Name and address to whom correspondence concerning document should be mailed: Name: <u>Summa, Additon & Ashe, P.A.</u> Internal Address: _____ Street Address: <u>11610 N. Community House</u> <u>Road, Suite 200</u> City: <u>Charlotte</u> State: <u>NC</u> Zip: <u>28277-2199</u> Phone Number: <u>704-945-6700</u> Fax Number: <u>704-945-6735</u> Email Address: _____	6. Total number of applications and patents involved: <u>1</u> 7. Total fee (37 CFR 1.21(h) & 3.41) \$ <u>40.00</u> <input type="checkbox"/> Authorized to be charged by credit card <input type="checkbox"/> Authorized to be charged to deposit account <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> None required (government interest not affecting title)
9. Signature: <u>/Peter Blackwood Stewart/</u> <u>Peter Blackwood Stewart</u> Name of Person Signing	8. Payment Information a. Credit Card Last 4 Numbers _____ Expiration Date _____ b. Deposit Account Number _____ Authorized User Name _____ Total number of pages including cover sheet, attachments, and documents: 5

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

ASSIGNMENT OF APPLICATION	Docket Number (Optional) 5467.004
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Whereas, I/We, Eben Daniel Thoma of Cary, North Carolina, hereafter referred to as applicant, have invented certain new and useful improvements in Optical Remote Sensing of Fugitive Releases

for which an application for a United States Patent was filed on _____
 Application Number _____

for which an application for a United States Patent was executed on concurrently herewith, and

Whereas, The United States of America as Represented by the Administrator of the Environmental Protection Agency of Washington, D.C. here referred to "assignee" whose mailing address is 1200 Pennsylvania Ave., NW (MC-2377A), Washington, D.C., 20460 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of _____ dollars (\$ _____), the receipt whereof is acknowledge, and other good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this _____ day of _____, 20 _____
 at _____

Eben Daniel Thoma ^{6/20/11}
 Signature

Eben Daniel Thoma
 Printed Name/Registration No., if applicable

State of _____)
 County of _____) SS:

Before me personally appeared said _____
 and acknowledged the foregoing instrument to be his free act and deed this _____
 day of _____, 20 _____

Seal

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, See below*.

Total of 1 forms are submitted.

This form offers a sample or suggested format for an assignment document. This sample form is not an OMB officially approved form.

ASSIGNMENT OF APPLICATION	Docket Number (Optional) 5487.004
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Whereas, I/We, Cary Doman Secrest of Bethesda, MD, hereafter referred to as applicant, have invented certain new and useful improvements in Optical Remote Sensing of Fugitive Releases

for which an application for a United States Patent was filed on _____
 Application Number _____

for which an application for a United States Patent was executed on concurrently herewith, and

Whereas, The United States of America as Represented by the Administrator of the Environmental Protection Agency of Washington, D.C. here referred to "assignee" whose mailing address is 1200 Pennsylvania Ave., NW (MC-2377A), Washington, D.C., 20460 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of _____ dollars (\$ _____), the receipt whereof is acknowledge, and other good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 20th day of June, 20 11
 at _____

Cary Doman Secrest
 Signature

State of _____)
 County of _____) SS:

Cary Doman Secrest
 Printed Name/Registration No., if applicable

Before me personally appeared said _____ and acknowledged the foregoing instrument to be his free act and deed this _____ day of _____, 20 _____.

Seal

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, See below*.

Total of _____ forms are submitted.

This form offers a sample or suggested format for an assignment document. This sample form is not an OMB officially approved form.

ASSIGNMENT OF APPLICATION

Docket Number (Optional)

5487.004

Whereas, I/We, William A. Mitchell of New Hill, North Carolina, hereafter referred to as applicant, have invented certain new and useful improvements in Optical Remote Sensing of Fugitive Releases

[] for which an application for a United States Patent was filed on Application Number

[x] for which an application for a United States Patent was executed on concurrently herewith, and

Whereas, The United States of America as Represented by the Administrator of the Environmental Protection Agency of Washington, D.C. here referred to "assignee" whose mailing address is 1200 Pennsylvania Ave., NW (MC-2377A), Washington, D.C., 20460 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of dollars (\$), the receipt whereof is acknowledge, and other good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 20 day of June, 20 11 at 8:50 am

William A. Mitchell Signature

State of MI County of WAYNE

William A. Mitchell Printed Name/Registration No., if applicable

Before me personally appeared said WILLIAM A MITCHELL and acknowledged the foregoing instrument to be his free act and deed this 20th day of June, 20 11

Seal TED M. GARRETT NOTARY PUBLIC - STATE OF MICHIGAN COUNTY OF WAYNE My Commission expires November 28, 2013

Note: Signatures of all the inventors or assignees of record of the entire invention or the representative(s) are required. Submit multiple forms if more than one signature is required. See below.

[x] Total of 4 forms are submitted.

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ASSIGNMENT OF APPLICATION

Docket Number (Optional)

5487.004

Whereas, I/We, William C. Squier of Angier, North Carolina, hereafter referred to as applicant, have invented certain new and useful improvements in Optical Remote Sensing of Fugitive Releases

for which an application for a United States Patent was filed on _____
Application Number _____.

for which an application for a United States Patent was executed on concurrently herewith, and

Whereas, The United States of America as Represented by the Administrator of the Environmental Protection Agency of Washington, D.C. here referred to "assignee" whose mailing address is 1200 Pennsylvania Ave., NW (MC-2377A), Washington, D.C., 20460 is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of _____ dollars (\$ _____), the receipt whereof is acknowledge, and other good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire rights, title and interest in and to any and all Patents which may be granted therefore in the United States. I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 20th day of June, 20 11
at _____

William C. Squier
Signature

State of _____)

SS:

William C. Squier
Printed Name/Registration No., if applicable

County of _____)

Before me personally appeared said _____

and acknowledged the foregoing instrument to be his free act and deed this _____

day of _____, 20 _____.

Seal

Note: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required. See below*.

Total of _____ forms are submitted.

This form offers a sample or suggested format for an assignment document. This sample form is not an OMB officially approved form.