## PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

## **CONVEYING PARTY DATA**

Name	Execution Date
Matthew Tang	12/10/2009
Richard Clelland	12/10/2009
Jacek Grodecki	12/10/2009
Seth Malitz	12/10/2009
Josh Nolting	12/10/2009

#### **RECEIVING PARTY DATA**

Name:	Orbimage SI Opco, Inc., d/b/a GeoEye
Street Address:	21700 Atlantic Boulevard
City:	Dulles
State/Country:	VIRGINIA
Postal Code:	20166

## PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12606918

## **CORRESPONDENCE DATA**

(303)291-3201 Fax Number:

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

303-291-3200 Phone: Email: ip@fclaw.com

Correspondent Name: Fennemore Craig, P.C. Address Line 1: 1700 Lincoln Street

Address Line 2: Suite 2900

501039033

Address Line 4: Denver, COLORADO 80203

ATTORNEY DOCKET NUMBER:	17981-018-GEOEYEUS4CIPA
NAME OF SUBMITTER:	Susan E. Chetlin

**PATENT REEL: 023643 FRAME: 0190** 

Total Attachments: 4
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PATENT REEL: 023643 FRAME: 0191

#### ASSIGNMENT OF PATENT APPLICATION

WHEREAS, Matthew Tang of Denver, Colorado, Richard Clelland of Boulder, Colorado, Jacek Grodecki of Thornton, Colorado, Seth Malitz of Aurora, Colorado, and Joshua Nolting of Thornton, Colorado, hereinafter refereed to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:

SEMI-AUTOMATIC EXTRACTION OF LINEAR FEATURES

FROM IMAGE DATA

Filing Date:

October 27, 2009

Application Serial No.: 12/606,918

WHEREAS, Orbimage SI Opco, Inc., d/b/a GeoEye, a Delaware Corporation, having its principal offices at 21700 Atlantic Boulevard, Dulles, Virginia 20166, United States of America, hereinafter referred to as "Assignee," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents does assign to Assignee all right, title, and interest in and to the invention and application and to all foreign counterparts (including patent, utility model, and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. Assignors also acknowledge that Assignors' assignment to Assignee may be transferred to any successors or assignees of Assignee, without Assignors' further consent. Assignors further acknowledge that Assignors' assignment including the entire right, title, and interest in Assignors' Letters Patent, including the right of priority in, to, and under Assignors' application for Letters Patent, the invention(s) and improvement(s) set forth therein, and any and all continuations, continuations-in-part (CIPs), divisionals, renewals, substitutions, conversions, reissues, prolongations, or extensions thereof.

Assignors additionally authorize Assignee to file applications in Assignors' names for Letters Patent in any country, to be held and enjoyed by Assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by Assignors had this sale, assignment, and transfer not been made.

Assignors also covenant that Assignors have full right to convey the entire interest herein assigned, and that Assignors have not executed and will not execute any agreement in conflict herewith. Assignors further covenant and agree that Assignors will,

each time a request is made, and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said invention(s), improvement(s), application(s) and Letters Patent, to Assignee, its successors, assigns, nominees, or legal representatives. Assignors further agree to communicate to Assignee, or to its nominee, all known facts respecting said invention(s), improvement(s), application(s) and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisionals, continuations, CIPs, reissues, and foreign applications, to make all rightful oaths and declarations, and generally to do everything possible to aid Assignee, its successors, assigns, nominees and legal representatives to obtain and enforce, for its or their own benefit, proper patent protection for said invention(s) or improvement(s) in any and all countries, provided the expenses which may be incurred by Assignors in lending such cooperation and assistance are paid by Assignee.

Assignors further authorize and direct the attorneys of Fennemore Craig, P.C. to insert the serial number and filing date of said application identified as set forth above as soon as the same shall have been made known to them by the United States Patent and Trademark Office.

Assignors further authorize and request the Commissioner of Patents and Trademarks of the United States, and any international or foreign official whose duty is to issue patents on applications as aforesaid, to issue to Assignee, as assignee of the entire right, title, and interest, any and all Letters Patent for said invention(s) or improvement(s), including any and all Letters Patent of the United States which may be issued and granted on or as a result of my application for Letters Patent, in accordance with the terms of this assignment.

IN WITNESS of the above representations, Assignors execute this agreement below.

Matthew Tang

STATE OF <u>COLORADO</u>
)
SS

COUNTY OF <u>USA</u>
)

Date: <u>12/10/09</u>

Date: <u></u>

Before me this 10 day of 10 cern 10, 2009, personally appeared before me Matthew Tang, known to me to be the individual who executed the foregoing instrument, and who acknowledged to me that he executed the same of his own free will and for the purposes set forth herein.

My commission expires: \( \frac{14}{200} \)

[SEAL]

MICHELLE M. MILLER NOTARY PUBLIC STATE OF COLORADO

Notary Public

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PATENT REEL: 023643 FRAME: 0193

nichell Mille

Richard Clelland Date: Dec. 10, 2009
STATE OF <u>Colorado</u> )  COUNTY OF <u>Odano</u> )
COUNTY OF (Idans)
Before me this 10 day of 1000 day, 2009, personally appeared before me Richard Clelland, known to me to be the individual who executed the foregoing instrument, and who acknowledged to me that he executed the same of his own free will and for the purposes set forth herein.
My commission expires: 8/14/20/0
[SEAL]
MICHELLE M. MILLER NOTARY PUBLIC STATE OF COLORADO  Michelle M. Miller Notary Public
Janua Maria 12/10/09
Jacek Grodecki
STATE OF Colonado )
STATE OF <u>Colonado</u> ) )ss COUNTY OF <u>Adamo</u> )
Before me this 10 day of December, 2009, personally appeared before me Jacek Grodecki, known to me to be the individual who executed the foregoing instrument, and who acknowledged to me that he executed the same of his own free will and for the purposes set forth herein.
My commission expires: $\frac{8/14/2010}{}$
[SEAL]  Mucheul Mhuley
MICHELLE M. MILLER NOTARY PUBLIC STATE OF COLORADO

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Leth Walitz Date: 12/10/09 Seth Malitz
STATE OF <u>Colorado</u> )  SSS  COUNTY OF <u>Adams</u> )
Before me this 10th day of <u>December</u> , <u>2009</u> , personally appeared before me Seth Malitz, known to me to be the individual who executed the foregoing instrument, and who acknowledged to me that he executed the same of his own free will and for the purposes set forth herein.
My commission expires: 8/14/2010
MICHELLE M. MILLER NOTARY PUBLIC STATE OF COLORADO
Josh Nolting Date: 12/10/09
STATE OF COLORGO )  SSS  COUNTY OF Adams )
Before me this 10 day of 10 day of 10, 2009, personally appeared before me Josh Nolting, known to me to be the individual who executed the foregoing instrument, and who acknowledged to me that he executed the same of his own free will and for the purposes set forth herein.
My commission expires: $8/14/20/0$
[SEAL] Muchine Mhile
MICHELLE M. MILLER NOTARY PUBLIC STATE OF COLORADO

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**RECORDED: 12/11/2009**