

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
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EPAS ID: PAT6808245

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
JEFFREY SCOTT PENNINGS	06/14/2019
JUSTYNA WERONIKA KOSIANKA	05/11/2021
DANIELA IRINA MOODY	02/18/2021
RECEIVING PARTY DATA	
Name:	URSA SPACE SYSTEMS INC.
Street Address:	130 E. SENECA STREET, SUITE 520
City:	ITHACA
State/Country:	NEW YORK
Postal Code:	14850
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17373429
CORRESPONDENCE DATA	
Fax Number:	(617)646-8646
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
Phone:	6176468000
Email:	ksingh@wolfgreenfield.com, ekapo@wolfgreenfield.com
Correspondent Name:	KARAN SINGH
Address Line 1:	WOLF, GREENFIELD & SACKS, P.C.
Address Line 2:	600 ATLANTIC AVENUE
Address Line 4:	BOSTON, MASSACHUSETTS 02210
ATTORNEY DOCKET NUMBER:	U1215.70000US02
NAME OF SUBMITTER:	TRISH MCDONALD
SIGNATURE:	/Trish McDonald/
DATE SIGNED:	07/12/2021
Total Attachments: 9	
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ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

1. Sell, assign and transfer to **Ursa Space Systems Inc.**, a Delaware Corporation having a place of business at **130 E. Seneca Street, Suite 520, Ithaca, New York 14850**, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the provisional patent application filed in the United States Patent and Trademark Office on **February 8, 2019** under No. **62/803,320**, bearing Attorney Docket No. **U1215.70000US00**, and entitled **ENHANCING COMPLEX RADAR IMAGERY THROUGH THREE-DIMENSIONAL SCENE SIMULATION**, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions and designs; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions and designs, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea; as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent, including a reasonable royalty relating to provisional rights under 35 U.S.C. § 154(d) that have attached to any published United States patent application, on the inventions and designs;
2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions and designs in its own name; and when requested, without charge to but at the expense of the Assignee, agree to carry out in good faith the intent and purpose of this Assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions and designs, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and designs and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and designs and for vesting title to the inventions and designs and all applications for patents and all patents on the inventions and designs, in the Assignee;
3. Request the Director of the United States Patent and Trademark Office and foreign patent authorities to issue the Letters Patent or other intellectual property rights, including foreign patents, to the Assignee;
4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing application identification information or correct any errors in the application identification information provided above, whether discovered prior to or after recordation;

Attorney Docket No. **U1215.70000US00**

5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and

6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

Attorney Docket No. U1215.70000US00

7192607.1

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PATENT
REEL: 056828 FRAME: 0438

Date 6/14/19

Inventor: Jeffrey Scott Pennings
Address: 1102 Ravenwood
Ann Arbor, Michigan 48103
Citizenship: US

STATE/Commonwealth of Michigan
COUNTY OF Washtenaw

On this 14th day of June, 2019, before me, the undersigned notary public,
personally appeared Jeffrey Scott Pennings, proved to me through satisfactory evidence of
identification, which were Michigan Driver's License,
to be the person who signed the preceding or attached document in my presence and swore or affirmed
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Myra McKay
Notary Public
My commission expires: 06/01/2020



MYRA MCKAY
NOTARY PUBLIC, STATE OF MI
COUNTY OF WASHTENAW
MY COMMISSION EXPIRES Jun 1, 2020
ACTING IN COUNTY OF Washtenaw

Attorney Docket No. U1215.70000US00

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

1. Sell, assign and transfer to **Ursa Space Systems Inc.**, a Delaware Corporation having a place of business at **130 E. Seneca Street, Suite 520, Ithaca, New York 14850**, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the patent application for United States Letters Patent filed in the United States Patent and Trademark Office on **February 7, 2020** under No. **16/785,409**, bearing Attorney Docket No. **U1215.70000US01**, and entitled **SATELLITE SAR ARTIFACT SUPPRESSION FOR ENHANCED THREE-DIMENSIONAL FEATURE EXTRACTION, CHANGE DETECTION, AND VISUALIZATIONS**, and in and to the application and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions and designs; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions and designs, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea; as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent, including a reasonable royalty relating to provisional rights under 35 U.S.C. § 154(d) that have attached to any published United States patent application, on the inventions and designs;
2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions and designs in its own name; and when requested, without charge to but at the expense of the Assignee, agree to carry out in good faith the intent and purpose of this Assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions and designs, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and designs and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and designs and for vesting title to the inventions and designs and all applications for patents and all patents on the inventions and designs, in the Assignee;
3. Request the Director of the United States Patent and Trademark Office and foreign patent authorities to issue the Letters Patent or other intellectual property rights, including foreign patents, to the Assignee;
4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing application identification information or correct any errors in the application identification information provided above, whether discovered prior to or after recordation;
5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and

Attorney Docket No. **U1215.70000US01**


ASSIGNMENT

6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

Attorney Docket No. **U1215.70000US01**

5/11/21
Date


Inventor: Justyna Weronika Kosianka
Address: 306 Forest Avenue
Staten Island, New York 10301
Citizenship: US

STATE/Commonwealth of New York
COUNTY OF Richmond

On this 11 day of May, 2021, before me, the undersigned notary public,
personally appeared Justyna Weronika Kosianka, proved to me through satisfactory evidence of
identification, which were NY Driver's License,
to be the person who signed the preceding or attached document in my presence and swore or affirmed
to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge
and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL


Notary Public

My commission expires: 11/13/2021

LORI ANN CASHMAN
Notary Public - State of New York
No. 01CA6066176
Qualified in Richmond County
My Commission Expires Nov. 13, 2021

Attorney Docket No. U1215.70000US01

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, I, the undersigned Assignor, hereby:

1. Sell, assign and transfer to **Ursa Space Systems Inc.**, a Delaware Corporation having a place of business at **130 E. Seneca Street, Suite 520, Ithaca, New York 14850**, its successors, assigns and legal representatives, all hereinafter referred to as the Assignee, my entire right, title and interest for the United States and all foreign countries, in and to any and all inventions and designs which are disclosed in the non-provisional patent application filed in the United States Patent and Trademark Office on **March 19, 2020** under No. **16/824,310**, bearing Attorney Docket No. **U1215.70001US01**, and entitled **SYSTEMS AND METHODS FOR ANGULAR FEATURE EXTRACTION FROM SATELLITE IMAGERY**, and in the provisional patent application filed in the United States Patent and Trademark Office on **March 19, 2019** under No. **62/820,696**, bearing Attorney Docket No. **U1215.70001US00**, and entitled **SYSTEMS AND METHODS FOR ANGULAR FEATURE EXTRACTION FROM SATELLITE IMAGERY**, and in the non-provisional patent application filed in the United States Patent and Trademark Office on **February 7, 2020** under No. **16/785,409**, bearing Attorney Docket No. **U1215.70000US01**, and entitled **SATELLITE SAR ARTIFACT SUPPRESSION FOR ENHANCED THREE-DIMENSIONAL FEATURE EXTRACTION, CHANGE DETECTION, AND VISUALIZATIONS**, and in and to the applications and all corresponding provisional, non-provisional, divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent, utility models, industrial designs or similar intellectual property rights which have been or shall be filed in the United States, internationally, and in any foreign country, including but not limited to China, Japan and Korea, on any of the inventions and designs; and in and to all original and reissued patents which have been or shall be issued in the United States or any other jurisdiction on the inventions and designs, including the right to apply for patent rights in each foreign country and all rights to priority, including the right to claim priority for China, Japan and Korea; as well as the right to sue in its own name and recover damages for past infringement of any United States Letters Patent and foreign patent, including a reasonable royalty relating to provisional rights under 35 U.S.C. § 154(d) that have attached to any published United States patent application, on the inventions and designs;

2. Agree that the Assignee may apply for and receive Letters Patent and utility model and industrial design registrations for the inventions and designs in its own name; and when requested, without charge to but at the expense of the Assignee, agree to carry out in good faith the intent and purpose of this Assignment, by executing all non-provisional, divisional, continuing, substitute, renewal, reissue, and all other patent, utility model and industrial design applications on any and all the inventions and designs, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to the Assignee all facts known to me relating to the inventions and designs and the history thereof, and generally by doing everything reasonably possible which the Assignee shall consider desirable for aiding in securing and maintaining proper protection for the inventions and designs and for vesting title to the inventions and designs and all applications for patents and all patents on the inventions and designs, in the Assignee;

3. Request the Director of the United States Patent and Trademark Office and foreign patent authorities to issue the Letters Patent or other intellectual property rights, including foreign patents, to the Assignee;

Attorney Docket No. **U1215.70001US01**, **U1215.70001US00**, and **U1215.70000US01**

ASSIGNMENT

4. Authorize and request Wolf, Greenfield & Sacks, P.C. to supply any missing application identification information or correct any errors in the application identification information provided above, whether discovered prior to or after recordation;
5. Covenant with the Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me; and
6. Appoint Assignee, through its designee, my attorney-in-fact to execute, in my name and on my behalf, any and all documents required to effectuate this Assignment, specifically including, but not limited to, those documents specified above and any necessary corrective assignments.

This instrument is executed under seal and signed under the pains and penalties of perjury under the laws of the United States of America.

Attorney Docket No. **U1215.70001US01, U1215.70001US00, and U1215.70000US01**

2/18/2021
Date

Inventor: Daniela Irina Moody

Address: 2060 Torreon

Los Alamos, New Mexico 87544

Citizenship: US

STATE/Commonwealth of _____
COUNTY OF _____:

On this _____ day of _____, _____, before me, the undersigned notary public, personally appeared Daniela Irina Moody, proved to me through satisfactory evidence of identification, which were _____, to be the person who signed the preceding or attached document in my presence and swore or affirmed to me that the contents of the document are truthful and accurate to the best of (his) (her) knowledge and belief and acknowledged to me that (he) (she) signed it voluntarily for its stated purpose.

SEAL

Notary Public

My commission expires: _____

Attorney Docket No. U1215.70001US01, U1215.70001US00, and U1215.70000US01