504157226 12/29/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4203900

| SUBMISSION TYPE: | NEW ASSIGNMENT |
|-----------------------|----------------|
| NATURE OF CONVEYANCE: | ASSIGNMENT |

CONVEYING PARTY DATA

| Name | Execution Date |
|------------------------|----------------|
| JAMES JOSEPH JAKLITSCH | 04/26/2016 |
| JAY MICHAEL MARKEY | 04/26/2016 |

RECEIVING PARTY DATA

| Name: | AAI CORPORATION |
|-----------------|--------------------------------|
| Street Address: | MS 9050/300, 124 INDUSTRY LANE |
| City: | HUNT VALLEY |
| State/Country: | MARYLAND |
| Postal Code: | 21030 |

PROPERTY NUMBERS Total: 1

| Property Type | Number |
|---------------------|----------|
| Application Number: | 15139659 |

CORRESPONDENCE DATA

Fax Number: (508)366-4688

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.

508-616-2900 Phone:

Email: Docket@BainwoodHuang.com

Correspondent Name: BAINWOOD, HUANG & ASSOCIATES, LLC

Address Line 1: 2 CONNECTOR ROAD

Address Line 4: WESTBOROUGH, MASSACHUSETTS 01581

| ATTORNEY DOCKET NUMBER: | 1164-018 |
|-------------------------|-------------------------------|
| NAME OF SUBMITTER: | BRUCE D. RUBENSTEIN, ESQ. |
| SIGNATURE: | /Bruce D. Rubenstein #39,349/ |
| DATE SIGNED: | 12/29/2016 |

Total Attachments: 6

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source=1164-018-INV2-executed-assign-MARKEY#page1.tif

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PATENT REEL: 040797 FRAME: 0499

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PATENT REEL: 040797 FRAME: 0500

ASSIGNMENT

WHEREAS, I, <u>James Joseph Jaklitsch</u>, as the original inventor or an original joint inventor have invented an invention comprising and/or embodying certain improvements or discoveries or both as described in an application for Letters Patent of the United States entitled

ENHANCING SPECTRAL PURITY IN HIGH-SPEED TESTING

which is further identified by Attorney Docket Number 1164-018;

WHEREAS, AAI Corporation (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Maryland and having a usual place of business at MS 9050/300, 124 Industry Lane, Hunt Valley, Maryland 21030, USA desires to acquire an interest therein in accordance with agreements duly entered into with me:

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters 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; I hereby convey to ASSIGNEE all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. I hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any

PATENT ASSIGNMENT Attorney Docket No.: 1164-018

interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, I do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives;

AND I hereby authorize the attorneys at Bainwood Huang & Associates LLC to insert here in parentheses (15/139,659 ft/14 4437) 2016 the application number and filing date of said application (or foreign counterpart application) to facilitate the recording or other official processing of this Assignment.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal as set forth below:

PATENT ASSIGNMENT Attorney Docket No.: 1164-018

| Date: 4/26/16 | - Lomes Losaph Jakto |
|---|--|
| | ✓ Inventor's Signature |
| Legal name of inventor: | James Joseph Jaklitsch |
| Residence: | 40 Edelweiss Way |
| | Parkton, MD 21120 |
| | US |
| Citizenship: | US |
| Mailing Address: | Same as above |
| | |
| STATE/COMMONWEALTH OF COUNTY OF | Mary land Baltimore |
| me the above-named James Jos evidence of identification [<a><a><a><a>] em (other)subscribed to the foregoing Assignment of t | , 20 / 6_, then personally appeared before seph Jaklitsch known to me through satisfactory ployee identification card; [] driver's license; [] to be the person whose name is imment and acknowledged that he/she executed the driver for the purposes therein contained. Notary Public |
| | Print Name: Linda L. Papadimitriou My Commission expires 10 141 |

LINDA L. PAPADIMITRIOU

Notary Public

Harford County

Maryland

My Commission Expires October 14, 2019

ASSIGNMENT

WHEREAS, I, <u>Jay Michael Markey</u>, as the original inventor or an original joint inventor have invented an invention comprising and/or embodying certain improvements or discoveries or both as described in an application for Letters Patent of the United States entitled

ENHANCING SPECTRAL PURITY IN HIGH-SPEED TESTING

which is further identified by Attorney Docket Number 1164-018;

WHEREAS, AAI Corporation (hereinafter "ASSIGNEE"), a corporation organized and existing under the laws of the State of Maryland and having a usual place of business at MS 9050/300, 124 Industry Lane, Hunt Valley, Maryland 21030, USA desires to acquire an interest therein in accordance with agreements duly entered into with me:

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, I have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters 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; I hereby convey to ASSIGNEE all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. I hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, I hereby further agree for myself and my executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any

PATENT ASSIGNMENT Attorney Docket No.: 1164-018

interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, I do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives;

AND I hereby authorize the attorneys at Bainwood Huang & Associates LLC to insert here in parentheses (15/39,659 fruc 4/27/2016) the application number and filing date of said application (or foreign counterpart application) to facilitate the recording or other official processing of this Assignment.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal as set forth below:

PATENT ASSIGNMENT Attorney Docket No.: 1164-018 Date: Inventor's Signature Legal name of inventor: Jay Michael Markey Residence: 2724 Heather Drive York, PA 17402 US US Citizenship: Mailing Address: Same as above STATE/COMMONWEALTH OF MARY LAND COUNTY OF Baltimore On this 26 day of 40 day of 20 day, then personally appeared before me the above-named Jay Michael Markey known to me through satisfactory evidence of identification (employee identification card; (driver's license; () (other) to be the person whose name is subscribed to the foregoing Assignment and acknowledged that he/she executed the same as his/her free act and deed for the purposes therein contained:/

Print Name:

Notary Public

i illitivanic.

My Commission expires 16 14 1 19

LINDA L. PAPADIMITRIOU
Notary Public
Harford County
Maryland
My Commission Expires October 14, 2019

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