

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT3485147

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
SCOTT A. MERRITT	08/03/2015
ROBERT W. EMERY	08/07/2015
EDWARD J. MARANDOLA	08/03/2015
CHRISTOPHER W. SCHARFF	08/03/2015
RECEIVING PARTY DATA	
Name:	X-NAV TECHNOLOGIES, INC.
Street Address:	1555 BUSTARD ROAD
Internal Address:	SUITE 75
City:	LANSDALE
State/Country:	PENNSYLVANIA
Postal Code:	19446
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14488004
CORRESPONDENCE DATA	
Fax Number:	(215)988-2757
<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:	215-988-3303
Email:	laura.mcneely@dbr.com
Correspondent Name:	ROBERT E. CANNUSCIO
Address Line 1:	ONE LOGAN SQUARE
Address Line 2:	SUITE 2000
Address Line 4:	PHILADELPHIA, PENNSYLVANIA 19103
ATTORNEY DOCKET NUMBER:	208929-0003-00-US-517725
NAME OF SUBMITTER:	ROBERT E. CANNUSCIO
SIGNATURE:	/Robert E. Cannuscio/
DATE SIGNED:	08/17/2015
Total Attachments: 4	

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ASSIGNMENT

WHEREAS, we, respectively citizens of the United States,

1. Scott A. Merritt
574 Hill Road
Green Lane, PA 18054
2. Robert W. Emery III
750 Potomac River Road
McLean, VA 22102
3. Edward J. Marandola
1401 Meetinghouse Rd.
P. O. Box 162
Gwynedd, PA 19436
4. Christopher W. Scharff
3866 Kratz Rd.
Collegeville, PA 19426

hereinafter generally referred to as "ASSIGNORS", have invented a certain new and useful

IMAGE GUIDANCE SYSTEM FOR DETECTING AND TRACKING AN IMAGE POSE

for which we have filed an application for Letters Patent of the United States on September 16, 2014, Serial No. 14/488,004, and

WHEREAS, X-Nav Technologies, Inc., a corporation having a place of business at 1555 Bustard Road, Suite 75, Lansdale, PA 19446, hereinafter generally referred to as "ASSIGNEE", is desirous of acquiring said invention and said application for Letters Patent,

WHEREAS, now and at the time the invention was made, said invention was subject to an obligation by ASSIGNORS to assign their entire right, title and interest therein to ASSIGNEE.

NOW, THEREFORE, in consideration of the sum of One Dollar and other good and valuable executed consideration, the full receipt and sufficiency of all of which are hereby acknowledged, and intending to be legally bound hereby, we, the undersigned ASSIGNORS,

hereby agree to sell, assign, transfer and convey and by these presents do sell, assign, transfer and convey unto the above-named ASSIGNEE, the whole and entire right, title and interest

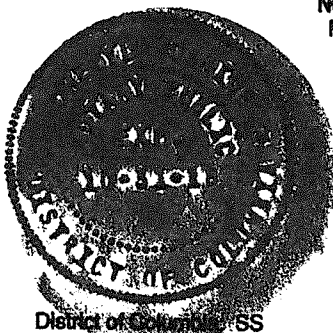
in and to said invention as described in the above application for Letters Patent, for the territory of the United States and its possessions and territories and all foreign countries, and

in and to the above application for Letters Patent, including any continuing and/or divisional applications therefor, any provisional applications identified in the above application, and any and all United States Letters Patent which may be granted on said application(s) including reissues and reexaminations, and all foreign Letters Patent which may be granted on said invention, including reissues, extensions, renewals and reexaminations of such Letters Patent;

said invention, application and Letters Patent to be held and enjoyed by the above-named ASSIGNEE, for ASSIGNEE's own use and behoof, and for ASSIGNEE's legal representatives and assigns to the full end of the term or terms for which said Letters Patent may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNORS had this assignment and sale not been made; and for the aforesaid consideration ASSIGNORS hereby covenant, agree and undertake to execute, whenever requested by the above-named ASSIGNEE, all patent applications, assignments, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the Letters Patent hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNORS.

WE HEREBY authorize the above-mentioned ASSIGNEE or its legal representative to insert in this document the filing date and/or serial number of our aforesaid application or any other information that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

CHERYL MCBRIDE
NOTARY PUBLIC DISTRICT OF COLUMBIA
My Commission Expires October 31, 2018



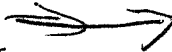
District of Columbia, D.C.

Subscribed and sworn to before me, in my presence,
this 7 day of August, 2018

Cheryl McBride, Notary Public, D.C.

My commission expires October 31, 2018.

Witnessed
Roxa
Emery II




SCOTT A. MERRITT (L.S.)


ROBERT W. EMERY III (L.S.)


EDWARD J. MARANDOLA (L.S.)


CHRISTOPHER W. SCHARFF (L.S.)

State of Pennsylvania :
County of Montgomery : ^{SS}

Before me, a notary public, in and for the State and County aforesaid, on this 3rd day of August, 2015 personally appeared **SCOTT A. MERRITT**, who being to me personally known, and who having first executed the foregoing instrument in my presence and having been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.



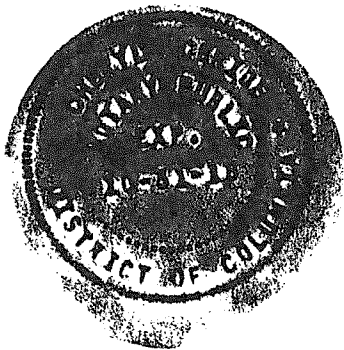
COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
Carolyn Allison, Notary Public
Towamencin Twp., Montgomery County
My Commission Expires June 24, 2019
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

Carolyn Allison
Notary Public

State of :
County of Washington : ^{SS}
DC :

Before me, a notary public, in and for the State and County aforesaid, on this 7 day of ~~8th~~ August, 2015 personally appeared **ROBERT W. EMERY III**, who being to me personally known, and who having first executed the foregoing instrument in my presence and having been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

CHERYL MCBRIDE
NOTARY PUBLIC DISTRICT OF COLUMBIA
My Commission Expires October 31, 2018



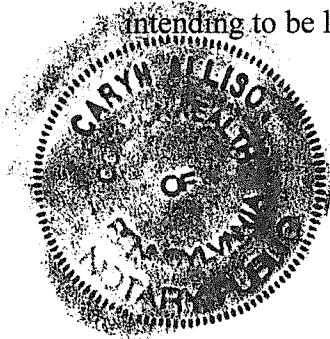
Cheryl McBride
Notary Public

District of Columbia: SS
Subscribed and sworn to before me, in my presence,
this 7 day of August, 2015

Cheryl McBride, Notary Public, D.C.
My commission expires October 31, 2018.

State of Pennsylvania:
County of Montgomery:
SS

Before me, a notary public, in and for the State and County aforesaid, on this 3rd day of August, 2015 personally appeared **EDWARD J. MARANDOLA**, who being to me personally known, and who having first executed the foregoing instrument in my presence and having been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.

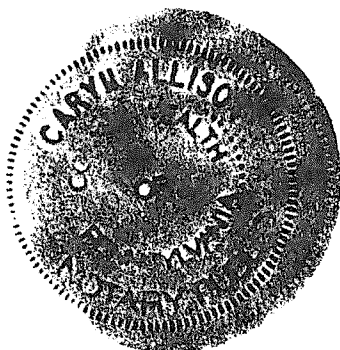


COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
Caryn Allison, Notary Public
Towamencin Twp., Montgomery County
My Commission Expires June 24, 2019
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

Caryn Allison
Notary Public

State of Pennsylvania:
County of Montgomery:
SS

Before me, a notary public, in and for the State and County aforesaid, on this 3rd day of August, 2015 personally appeared **CHRISTOPHER W. SCHARFF**, who being to me personally known, and who having first executed the foregoing instrument in my presence and having been by me first duly sworn, did acknowledge the foregoing instrument as his free deed and act, signed, sealed and delivered by him for the purpose therein stated and intending to be legally bound thereby and intending that said instrument be recorded.



COMMONWEALTH OF PENNSYLVANIA
NOTARIAL SEAL
Caryn Allison, Notary Public
Towamencin Twp., Montgomery County
My Commission Expires June 24, 2019
MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

Caryn Allison
Notary Public