

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT4978789

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TREVOR ROOSE	03/26/2018
VINCENT M. PELLISSIER	03/27/2018
WITOLD R. JACHIMCZYK	03/26/2018
ZHENG WU	03/26/2018
ELAD KIVELEVITCH	03/26/2018
GREGORY E. DIONNE	03/26/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	THE MATHWORKS, INC.
<b>Street Address:</b>	3 APPLE HILL DRIVE
<b>City:</b>	NATICK
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	01760
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	15906722
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(617)951-3927
<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>	
<b>Phone:</b>	6179512500
<b>Email:</b>	docket@c-m.com, merisa@c-m.com
<b>Correspondent Name:</b>	CESARI AND MCKENNA, LLP
<b>Address Line 1:</b>	ONE LIBERTY SQUARE
<b>Address Line 4:</b>	BOSTON, MASSACHUSETTS 02109
<b>ATTORNEY DOCKET NUMBER:</b>	130051-0139
<b>NAME OF SUBMITTER:</b>	MICHAEL REINEMANN
<b>SIGNATURE:</b>	/Michael Reinemann/
<b>DATE SIGNED:</b>	05/25/2018
<b>Total Attachments: 7</b>	

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## ASSIGNMENT

Whereas We, Trevor Roose, whose residence address is P. O. Box 843, Randolph, MA, 02368; Vincent M. Pellissier, whose residence address is 8 Springdale Circle, Holliston, MA, 01746; Witold R. Jachimczyk, whose residence address is 81 Hartness Road, Sutton, MA, 01590; Zheng Wu, whose residence address is 2B Cragmore Road, Unit 2B, Newton, MA, 02464; Elad Kivelevitch, whose residence address is 56 Hampstead Road, Unit 2, Jamaica Plain, MA, 02130; and Gregory E. Dionne, whose residence address is 117 Sylvester Ave., Winchester, MA, 01890 have made certain inventions or discoveries (or both) set forth in an application for Letters Patent of the United States of America entitled METHODS AND SYSTEMS FOR SIMULATING VISION SENSOR DETECTION AT MEDIUM FIDELITY, identified by Cesari and McKenna File No. 130051-0139, the specification of which was filed on February 27, 2018 and accorded Serial No. 15/906,722; and

Whereas The MathWorks, Inc., whose address is 3 Apple Hill Drive, Natick, MA, 01760, and which, together with its successors and assigns, is hereinafter called "Assignee," is desirous of acquiring the title, rights, benefits, and privileges hereinafter recited;

Now, Therefore, for valuable consideration furnished by Assignee to us, receipt and sufficiency of which we hereby acknowledge, we, hereby, without reservation:

1. Assign, transfer and convey to Assignee our entire right, title, and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in whatsoever countries, including all divisional, renewal, substitute, continuation, continuation-in-part, and Convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissues, reexaminations, and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said applications, and said Letters Patent;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions and discoveries in our names or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;

3. Authorize and request the Commissioner of Patents and Trademarks of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patent to Assignee, as assignee of the entire right, title, and interest therein or otherwise as Assignee may direct;

4. Warrant that we have not knowingly conveyed to others any right in said inventions, discoveries, applications, or patents or any license to use the same or to make, use, or sell anything embodying or utilizing any of said inventions or discoveries; and that we have good right to assign the same to Assignee without encumbrance;

5. Bind our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional consideration to us or them, all acts reasonably serving to assure that the said inventions and discoveries, the said patent applications, and the said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives, and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples, and other physical exhibits in our control or in the control of our heirs, legal representatives or assigns which may be useful for establishing the facts of our conceptions, disclosures, and reduction to practice of said inventions and discoveries.


In testimony of which we have executed this Assignment as an instrument under seal on the dates indicated next to our names.

26 - Mar - 18  
Date

Trevor Roose  
Trevor Roose, Inventor

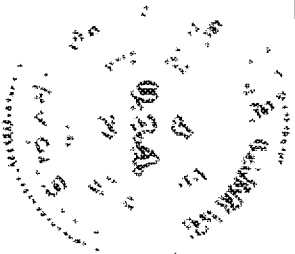
State of Massachusetts )  
County of Middlesex )ss.

On this 26<sup>th</sup> day of March, 2018, before me appeared Trevor Roose, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

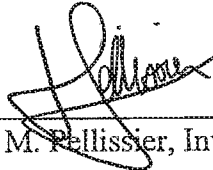
 **MARILYN P. CARRARA**  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
May 11, 2023

Marilyn P. Carrara  
Notary Public

[seal]




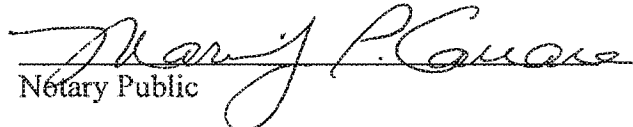
March 27, 2018  
Date

  
Vincent M. Pellissier, Inventor

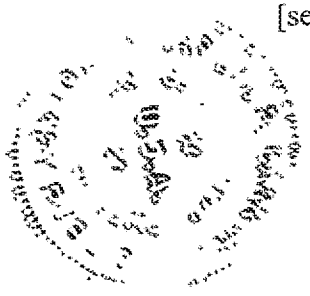
State of Massachusetts )  
County of Middlesex )ss.

On this 27<sup>th</sup> day of March, 2018, before me appeared Vincent M. Pellissier, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

 **MARILYN P. CARRARA**  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
May 11, 2023

  
Notary Public

[seal]




March 26, 2018  
Date

W. R. Jachimczyk  
Witold R. Jachimczyk, Inventor

State of Massachusetts )  
County of Middlesex )ss.

On this 26<sup>th</sup> day of March, 2018, before me appeared Witold R. Jachimczyk, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

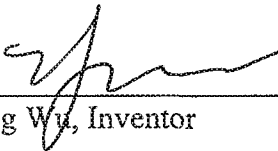
 **MARILYN P. CARRARA**  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
May 11, 2023

Marilyn P. Carrara  
Notary Public

[seal]




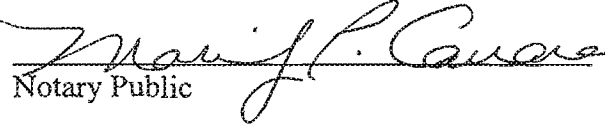
03/26/2018  
Date

  
Zheng Wu, Inventor

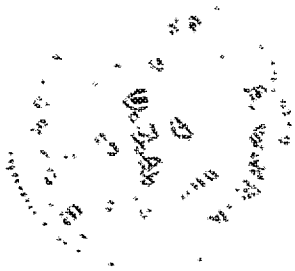
State of Massachusetts )  
County of Middlesex )ss.

On this 26<sup>th</sup> day of March, 2018, before me appeared Zheng Wu, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

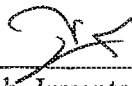
  
**MARILYN P. CARRARA**  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
May 11, 2023

  
Notary Public

[seal]



3/26/2018  
Date

  
Elad Kivelevitch, Inventor

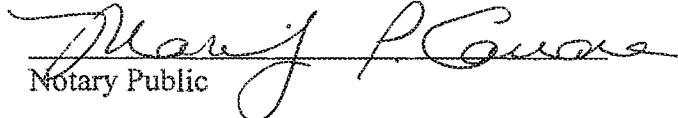
State of Massachusetts )  
County of Middlesex )ss.

On this <sup>IL</sup> 26 day of March, 2018, before me appeared Elad Kivelevitch, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.



MARILYN P. CARRARA  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
May 11, 2023


[seal]

  
Notary Public

*[Faint circular notary seal impression]*




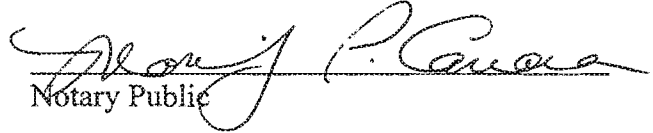
Date 3/26/2018

  
Gregory E. Dionne, Inventor

State of Massachusetts )  
County of Middlesex )ss.

On this <sup>IL</sup> 26 day of March, 2018, before me appeared Gregory E. Dionne, to me known and known to me to be the person described in and who executed the foregoing instrument, and he acknowledged the same to be his free act and deed.

 **MARILYN P. CARRARA**  
Notary Public  
Commonwealth of Massachusetts  
My Commission Expires  
May 11, 2023

  
Notary Public

[seal]

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