### PATENT ASSIGNMENT

# Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

### **CONVEYING PARTY DATA**

Name	Execution Date
Benjamin E. Funk	07/22/2013
Jared Napora	07/22/2013
Kamiar Kordari	07/22/2013
Ruchika Verma	07/23/2013
Amrit Bandyopadhyay	07/23/2013
Carole Teolis	07/22/2013

### **RECEIVING PARTY DATA**

Name:	TRX Systems, Inc.	
Street Address:	7500 Greenway Center Drive	
Internal Address:	Suite 420	
City:	Greenbelt	
State/Country:	MARYLAND	
Postal Code:	20770	

#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	13852649

## **CORRESPONDENCE DATA**

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ATTORNEY DOCKET NUMBER: TRXS-0060

REEL: 030973 FRAME: 0291

**PATENT** 

13852649

CH \$40,00

NAME OF SUBMITTER:	Katie Howe
Signature:	/Katie Howe/
Date:	08/08/2013
Total Attachments: 6 source=TRXS0060_ExecutedAssignment#page1.tif source=TRXS0060_ExecutedAssignment#page2.tif source=TRXS0060_ExecutedAssignment#page3.tif source=TRXS0060_ExecutedAssignment#page4.tif source=TRXS0060_ExecutedAssignment#page5.tif source=TRXS0060_ExecutedAssignment#page6.tif	

PATENT REEL: 030973 FRAME: 0292

### ASSIGNMENT

WHEREAS, I, Benjamin E. Funk, a citizen of United States of America, residing in Hanover, Maryland, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application identified as Application No. 13/852,649, filed March 28, 2013 ("the invention"), which is entitled System and Method for Localizing a Trackee at a Location and Mapping the Location Using Inertial Sensor Information ("the subject application"), and which claims priority to patent application numbers 61/658,697 filed June 12, 2012 and 61/799,659 filed March 15, 2013 ("the priority applications").

AND WHEREAS, TRX Systems, Inc., ASSIGNEE, having a place of business at 7500 Greenway Center Drive, Suite 420, Greenbelt, Maryland 20770, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including without limitation, the subject application and the priority applications, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority applications and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 22 day of ) year of 2013.

### ASSIGNMENT

WHEREAS, I, Jared Napora, a citizen of United States of America, residing in Severn, Maryland, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application identified as Application No. 13/852,649, filed March 28, 2013 ("the invention"), which is entitled System and Method for Localizing a Trackee at a Location and Mapping the Location Using Inertial Sensor Information ("the subject application"), and which claims priority to patent application numbers 61/658,697 filed June 12, 2012 and 61/799,659 filed March 15, 2013 ("the priority applications").

AND WHEREAS, TRX Systems, Inc., ASSIGNEE, having a place of business at 7500 Greenway Center Drive, Suite 420, Greenbelt, Maryland 20770, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority applications, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such applications in any country, and all extensions and continuations in whole or in part; the right to file such applications in any country, and the right to claim for such applications in any country the priority rights derived from the priority applications and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 22 day of 124, year of 223.

Signature

### ASSIGNMENT

WHEREAS, I, Kamiar Kordari, a citizen of Iran and a permanent resident of United States of America, residing in McLean, Virginia, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application identified as Application No. 13/852,649, filed March 28, 2013 ("the invention"), which is entitled System and Method for Localizing a Trackee at a Location and Mapping the Location Using Inertial Sensor Information ("the subject application"), and which claims priority to patent application numbers 61/658,697 filed June 12, 2012 and 61/799,659 filed March 15, 2013 ("the priority applications").

AND WHEREAS, TRX Systems, Inc., ASSIGNEE, having a place of business at 7500 Greenway Center Drive, Suite 420, Greenbelt, Maryland 20770, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged. I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority applications, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority applications and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 22 day of July , year of 2013.

Kamier Kolani

Signature

#### ASSIGNMENT

WHEREAS, I, Ruchika Verma, a citizen of India and a permanent resident of United States of America, residing in Bethesda, Maryland, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application identified as Application No. 13/852,649, filed March 28, 2013 ("the invention"), which is entitled System and Method for Localizing a Trackee at a Location and Mapping the Location Using Inertial Sensor Information ("the subject application"), and which claims priority to patent application numbers 61/658,697 filed June 12, 2012 and 61/799,659 filed March 15, 2013 ("the priority applications").

AND WHEREAS, TRX Systems, Inc., ASSIGNEE, having a place of business at 7500 Greenway Center Drive, Suite 420, Greenbelt, Maryland 20770, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority applications, and all extensions, renewals, and reissues of such applications including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority applications and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 23 day of July year of 2013.

Ruchika Verma

Signature

### ASSIGNMENT

WHEREAS, I, Amrit Bandyopadhyay, a citizen of Great Britain, residing in College Park, Maryland, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application identified as Application No. 13/852,649, filed March 28, 2013 ("the invention"), which is entitled System and Method for Localizing a Trackee at a Location and Mapping the Location Using Inertial Sensor Information ("the subject application"), and which claims priority to patent application numbers 61/658,697 filed June 12, 2012 and 61/799,659 filed March 15, 2013 ("the priority applications").

AND WHEREAS, TRX Systems, Inc., ASSIGNEE, having a place of business at 7500 Greenway Center Drive, Suite 420, Greenbelt, Maryland 20770, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority applications, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority applications and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 23rd day of July, year of 2013.

Signature

### ASSIGNMENT

WHEREAS, I, Carole Teolis, a citizen of United States of America, residing in Glenn Dale, Maryland, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application identified as Application No. 13/852,649, filed March 28, 2013 ("the invention"), which is entitled System and Method for Localizing a Trackee at a Location and Mapping the Location Using Inertial Sensor Information ("the subject application"), and which claims priority to patent application numbers 61/658,697 filed June 12, 2012 and 61/799,659 filed March 15, 2013 ("the priority applications").

AND WHEREAS, TRX Systems, Inc., ASSIGNEE, having a place of business at 7500 Greenway Center Drive, Suite 420, Greenbelt, Maryland 20770, is desirous of obtaining my entire right, title, and interest in, to, and under the invention:

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I, the ASSIGNOR, hereby sell, assign, transfer, and set over, unto the ASSIGNEE, its successors, legal representatives, and assigns, my entire right, title, and interest in, to, and under the invention, and all applications for industrial property protection, including without limitation, all applications for patents, utility models, inventors' certificates, and designs that have been filed, and that may hereafter be filed, in any country, that disclose, describe, and/or claim the invention, including, without limitation, the subject application and the priority applications, and all extensions, renewals, and reissues of such applications, including all divisions and continuations in whole or in part; all patents granted on such applications in any country, and all extensions, renewals, and reissues of such patents, including all divisions and continuations in whole or in part; the right to file such applications in any country; and the right to claim for such applications in any country the priority rights derived from the priority applications and the subject application under the International Convention for the Protection of Industrial Property, the Patent Laws of the United States, any other international agreement or protection, or the domestic laws of any country in which any such application is filed, as may be applicable.

AND I HEREBY covenant and agree that I have full right to convey my entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the ASSIGNEE, its successors, legal representatives, and assigns, any facts known to me respecting the invention, and testify in any legal proceeding, sign all lawful papers, execute all disclaimers and all divisional, continuing, reissue, and foreign applications, make all rightful oaths, deliver upon request all papers, documents, affidavits, or other instruments that may be necessary or helpful in the prosecution of any application for industrial property protection describing and/or claiming the invention, and generally do everything possible to aid the ASSIGNEE, its successors, legal representatives, and assigns, to obtain and enforce proper protection for the invention in all countries.

IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.

Executed this 22 day of TNy, year of 2013.

Page 1 of 1