PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Pitchaiah Soma	01/19/2011
Jeffrey F. Bull	01/14/2011
Rashidus S. Mia	01/19/2011
Pete A. Boyer	01/19/2011

RECEIVING PARTY DATA

Name:	TruePosition, Inc.	
Street Address:	1000 Chesterbrook Boulevard	
Internal Address:	Third Floor	
City:	Berwyn	
State/Country:	PENNSYLVANIA	
Postal Code:	19312	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	12980116

CORRESPONDENCE DATA

Fax Number: (215)568-3439

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: (215) 568-3100

Email: lworkman@woodcock.com

Correspondent Name: Han Gim

Address Line 1: 2929 Arch Street

Address Line 2: 12th Floor

Address Line 4: Philadelphia, PENNSYLVANIA 19104-2891

ATTORNEY DOCKET NUMBER: TPI-1239

NAME OF SUBMITTER: Laura Rae Workman

PATENT

REEL: 025691 FRAME: 0527

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Total Attachments: 8 source=Executed_Assignment#page1.tif source=Executed_Assignment#page2.tif source=Executed_Assignment#page3.tif source=Executed_Assignment#page4.tif source=Executed_Assignment#page5.tif source=Executed_Assignment#page6.tif source=Executed_Assignment#page7.tif source=Executed_Assignment#page8.tif

PATENT REEL: 025691 FRAME: 0528

ASSIGNMENT

WHEREAS I, Pitchaiah Soma, citizen of India, residing at 106 Buggy Way, Downington, Pennsylvania 19335, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number TPI-1239 ("the invention"), which is entitled TIME AND POWER BASED WIRELESS LOCATION SYSTEM ("the subject application"). I authorize and direct any of the attorneys responsible for prosecuting the subject application on behalf of the ASSIGNEE to insert the application number and filing date of the subject application in the final paragraph of this assignment.

AND WHEREAS TruePosition, Inc., ASSIGNEE, having a place of business at 1000 Chesterbrook Boulevard, Third Floor, Berwyn, Pennsylvania 19312, 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 application, 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 application 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.

DOCKET NO.: TPI-1239
IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.
Executed this 19th day of January, year of 2011.
<u> Aonê</u>
Signature

STATEMENT OF NOTARY PUBLIC
STATE OF <u>Pennsylvania</u> :
: SS
COUNTY OF <u>Chester</u> :
N-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1
On this 19^{14} day of 10^{14} day of 10^{14} , year of 10^{14} , before me personally came the above named Pitchaiah Soma to me personally known and known to me to
be the same individual who executed the foregoing assignment, and who acknowledged to me
that execution of the same was of that person's own free will for the use and purposes therein set
forth.
COLLEGE SKYPU COMMONWEALTH OF PENNSYLVANIA
Notary Public Colleen B. Snyder, Notary Public Tredyffin Twp., Chester County My Commission Expires Dec. 3, 2014 MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES

The foregoing assignment covers patent application number 12/980, 116 , filed on
December 28, 2010
/Han Gim/
Name of Attorney: Han Gim
Registration No.: 62,953

Page 2 of 2

Date of Insertion: January 25, 2010

ASSIGNMENT

WHEREAS I, Jeffrey F. Bull, citizen of the United States, residing at 100 Aspen Court, Chalfont, Pennsylvania 18914, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number TPI-1239 ("the invention"), which is entitled TIME AND POWER BASED WIRELESS LOCATION SYSTEM ("the subject application"). I authorize and direct any of the attorneys responsible for prosecuting the subject application on behalf of the ASSIGNEE to insert the application number and filing date of the subject application in the final paragraph of this assignment.

AND WHEREAS TruePosition, Inc., ASSIGNEE, having a place of business at 1000 Chesterbrook Boulevard, Third Floor, Berwyn, Pennsylvania 19312, 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 application, 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 application 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.

OOCKET NO.: TPI-1239
IN TESTIMONY WHEREOF, I have signed my name below on the date indicated above my signature.
executed this 17th day of January, year of 2011.
Jeffrey 7 Bull ignature

TATEMENT OF NOTARY PUBLIC
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OUNTY OF Buens:
On this
Sectional Sees Walter T. Genden, Meany Public Chalfont Bure, Seets Coards My Commission Express July 45, 2019 Manuer, Panners and Associate of Resource.
he foregoing assignment covers patent application number 12/980,116 . filed on
December 28, 2010.
/Han Gim/
Name of Attorney: Han Gim
Registration No.: 62,953
Date of Insertion: January 25, 2010

ASSIGNMENT

WHEREAS I, Rashidus S. Mia, citizen of the United States, residing at 113 Peter DeHaven Drive, Phoenixville, Pennsylvania 19460-4717, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number TPI-1239 ("the invention"), which is entitled TIME AND POWER BASED WIRELESS LOCATION SYSTEM ("the subject application"). I authorize and direct any of the attorneys responsible for prosecuting the subject application on behalf of the ASSIGNEE to insert the application number and filing date of the subject application in the final paragraph of this assignment.

AND WHEREAS TruePosition, Inc., ASSIGNEE, having a place of business at 1000 Chesterbrook Boulevard, Third Floor, Berwyn, Pennsylvania 19312, 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 application, 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 application 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.

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representatives, and assigns, to obtain countries.	and enforce proper protection for the invention in all
IN TESTIMONY WHEREOF,	I have signed my name below on the date indicated above
my signature.	
Executed thisday of	Jan, year of 2011.
Muller	
Signature	

STATEMENT OF NOTARY PUBLI	\mathbf{c}
STATE OF Pennsylvania:	
.a : 1	SS
COUNTY OF <u>Chester</u> :	
On this <u>19</u> # day of nersonally came the above named Rash	of January, year of 2011, before me nidus S. Mia to me personally known and known to me to
be the same individual who executed to	the foregoing assignment, and who acknowledged to me
that execution of the same was of that r	person's own free will for the use and purposes therein set
Collies B. Rypley	COMMONWEALTH OF PENNSYLVANIA Notarial Seal
Notary Public	Colleen B. Snyder, Notary Public Tredyffrin Twp., Chester County My Commission Expires Oec. 3, 2014 MEMBER, PENNSYLVANIA ASSOCIATION OF NOTARIES
**********	****************
The foregoing assignment covers patent December 28, 2010.	application number 12/980,116, filed on
,	Gim/
Name of A	Attorney: Han Gim
Registrati	
The state of the s	sertion: January 25, 2010

ASSIGNMENT

WHEREAS I, Pete A. Boyer, citizen of the United States, residing at 52 Rampart Drive, Chesterbrook, Pennsylvania 19087-5845, ASSIGNOR, am an inventor of one or more inventions disclosed, described and/or claimed in the application referred to as Docket Number TPI-1239 ("the invention"), which is entitled TIME AND POWER BASED WIRELESS LOCATION SYSTEM ("the subject application"). I authorize and direct any of the attorneys responsible for prosecuting the subject application on behalf of the ASSIGNEE to insert the application number and filing date of the subject application in the final paragraph of this assignment.

AND WHEREAS TruePosition, Inc., ASSIGNEE, having a place of business at 1000 Chesterbrook Boulevard, Third Floor, Berwyn, Pennsylvania 19312, 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 application, 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 application 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, countries.	to obtain and enforce proper protection for the invention in all
my signature.	EREOF, I have signed my name below on the date indicated above
Executed this 1940	day of Jahvary, year of 2011.
Jersey Signature	
*******	*******************
STATEMENT OF NOTAR	Y PUBLIC
STATE OF Pennsylva	inia:
Λ	; SS
COUNTY OF Cheste	
On this 193	day of <u>Jahuary</u> , year of <u>2011</u> , before me
personally came the above na	med Pete A. Boyer to me personally known and known to me to be
the same individual who exec	uted the foregoing assignment, and who acknowledged to me that
execution of the same was o	f that person's own free will for the use and purposes therein set
forth.	
Willen B. S	COMMONWEALTH OF PENNSYLVANIA Notarial Seal
Notary Public (Colleen B. Snyder, Notary Public Tredyffrin Twp., Chester County My Commission Expires Dec. 3, 2014 MEMBER, PERINSYLVANIA ASSOCIATION OF NOTARIES
*******	********************
The foregoing assignment cov	ers patent application number 12/980,116, filed on
<u>December 28, 2010</u> .	, thed on
	/Han Gim/
·]	Name of Attorney: Han Gim
	Registration No.: 62,953
Date of Insertion: January 25 2010.	

Page 2 of 2

DOCKET NO.: TPI-1239