

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2888412

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the THE ASSIGNEE ERRONEOUSLY LISTED AND previously recorded on Reel 031819 Frame 0345. Assignor(s) hereby confirms the ASSIGNEE WAS ERRONEOUSLY LISTED AS APPLIED COMMUNICATION SCIENCES AND SHOULD BE TT GOVERNMENT SOLUTIONS, INC.
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
AKSHAY VASHIST	04/24/2014
RITU CHADHA	05/05/2014
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	TT GOVERNMENT SOLUTIONS, INC.
<b>Street Address:</b>	150 MOUNT AIRY ROAD
<b>City:</b>	BASKING RIDGE
<b>State/Country:</b>	NEW JERSEY
<b>Postal Code:</b>	07920
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	13770353
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(518)452-5579
<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>	518-452-5600
<b>Email:</b>	kds@hrfmlaw.com
<b>Correspondent Name:</b>	RACHEL L. PEARLMAN
<b>Address Line 1:</b>	5 COLUMBIA CIRCLE
<b>Address Line 4:</b>	ALBANY, NEW YORK 12203
<b>ATTORNEY DOCKET NUMBER:</b>	3899.044A
<b>NAME OF SUBMITTER:</b>	RACHEL L. PEARLMAN
<b>SIGNATURE:</b>	/Rachel L. Pearlman/
<b>DATE SIGNED:</b>	06/06/2014
<b>Total Attachments: 16</b>	
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502608645 12/19/2013

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT2655060

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
AKSHAY VASHIST	10/22/2013
RITU CHADHA	10/21/2013
RECEIVING PARTY DATA	
Name:	APPLIED COMMUNICATION SCIENCES, INC.
Street Address:	150 MOUNT AIRY ROAD
City:	BASKING RIDGE
State/Country:	NEW JERSEY
Postal Code:	07920
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13770353
CORRESPONDENCE DATA	
Fax Number:	(973)422-6719
Phone:	973-597-2500
Email:	rcappo@lowenstein.com
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>	
Correspondent Name:	DOCKET ADMINISTRATOR
Address Line 1:	65 LIVINGSTON AVENUE
Address Line 2:	LOWENSTEIN SANDLER LLP
Address Line 4:	ROSELAND, NEW JERSEY 07068
ATTORNEY DOCKET NUMBER:	26534-9
NAME OF SUBMITTER:	RAYMOND G. CAPPO
Signature:	/Raymond G. Cappo/
Date:	12/19/2013
Total Attachments: 3 source=Assignment#page1.tif source=Assignment#page2.tif source=Assignment#page3.tif	

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PATENT  
REEL: 031819 FRAME: 0345PATENT  
REEL: 033102 FRAME: 0041

**ASSIGNMENT**

THIS ASSIGNMENT ("Assignment") is made and entered into effective as of the date of the latter of the signatures below, by and between **Akshay Vashist**, a citizen of India, with a place of employment at 150 Mount Airy Road, Basking Ridge, New Jersey 07920; and **Ritu Chadha**, a citizen of the United States of America, with a place of employment at 150 Mount Airy Road, Basking Ridge, New Jersey 07920 (hereinafter collectively "Assignors"), and **TT Government Solutions, Inc.**, having offices at 150 Mount Airy Road, Basking Ridge, New Jersey 07920 (hereinafter "Assignee"). A previous assignment, executed on October 22, 2013 and recorded on 12/19/2013, erroneously listed **Applied Communication Sciences, Inc.** as assignee. This Assignment replaces and corrects the previous assignment, to show that the correct assignee is **TT Government Solutions, Inc.**;

WHEREAS **TT Government Solutions, Inc.**, does business under the registered trade name of **Applied Communication Sciences**, as evidenced by United States Patent and Trademark Office Trademark Registration Number 4229455, registered October 23, 2012 to **TT Government Solutions, Inc.**;

WHEREAS, Assignors have invented certain new and useful improvements in ACTIVE ACQUISITION OF PRIVILEGED INFORMATION which we have executed an application for Letters Patent of the United States, Application Serial No. 13/770,353, filed February 19, 2013, and which claims priority to U.S. Provisional Application Serial No. 61/601,689, filed February 22, 2012.

WHEREAS, Assignee is desirous of obtaining the entire right, title and interest in, to and under the said improvements and the said applications;

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said Assignee, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said improvements, and the said application, and all divisions, renewals and continuations thereof, and all Letters Patent which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and Assignors hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said Assignee, its

successors, legal representatives and assigns, in accordance with the terms of this instrument.

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

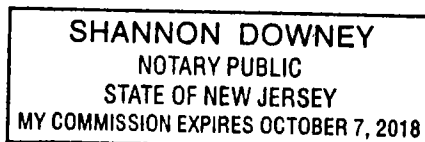
AND Assignors HEREBY further covenant and agree that Assignors will communicate to the said Assignee, its successors, legal representatives and assigns, any facts known to Assignors respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

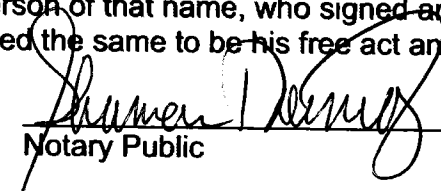
IN TESTIMONY WHEREOF, Assignor, **Akshay Vashist**, hereunto sets his hand and seal this 24 day of April, 2014.

  
\_\_\_\_\_  
**Akshay Vashist**

STATE OF New Jersey,  
COUNTY OF Middlesex ) ss.:

On this 24<sup>th</sup> day of April, 2014, before me personally came **Akshay Vashist**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.



  
\_\_\_\_\_  
Notary Public

IN TESTIMONY WHEREOF, Assignor, **Ritu Chadha**, hereunto sets his hand  
and seal  
this \_\_\_\_ day of \_\_\_\_\_, 2014.

\_\_\_\_\_  
**Ritu Chadha**

STATE OF                    )  
                                  ) ss.:  
COUNTY OF                )

On this \_\_\_\_ day of \_\_\_\_\_, 2014, before me personally came **Ritu Chadha**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

\_\_\_\_\_  
Notary Public

IN TESTIMONY WHEREOF, Assignee, **TT Government Solutions, Inc.**, has caused this Assignment to be signed by its duly authorized representative this \_\_\_\_ day of \_\_\_\_\_, 2014.

**TT Government Solutions, Inc.**,

By: \_\_\_\_\_

Title: \_\_\_\_\_

STATE OF )  
 ) ss.:  
COUNTY OF )

On this \_\_\_\_ day of \_\_\_\_\_, 2014, before me personally came \_\_\_\_\_, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

\_\_\_\_\_  
Notary Public

**ASSIGNMENT**

THIS ASSIGNMENT ("Assignment") is made and entered into effective as of the date of the latter of the signatures below, by and between **Akshay Vashist**, a citizen of the United States of America, with a place of employment at 150 Mount Airy Road, Basking Ridge, New Jersey 07920; and **Ritu Chadha**, a citizen of the United States of America, with a place of employment at 150 Mount Airy Road, Basking Ridge, New Jersey 07920 (hereinafter collectively "Assignors"), and **TT Government Solutions, Inc.**, having offices at 150 Mount Airy Road, Basking Ridge, New Jersey 07920 (hereinafter "Assignee"). A previous assignment, executed on October 22, 2013 and recorded on 12/19/2013, erroneously listed **Applied Communication Sciences, Inc.** as assignee. This Assignment replaces and corrects the previous assignment, to show that the correct assignee is **TT Government Solutions, Inc.**;

WHEREAS **TT Government Solutions, Inc.**, does business under the registered trade name of **Applied Communication Sciences**, as evidenced by United States Patent and Trademark Office Trademark Registration Number 4229455, registered October 23, 2012 to **TT Government Solutions, Inc.**;

WHEREAS, Assignors have invented certain new and useful improvements in ACTIVE ACQUISITION OF PRIVILEGED INFORMATION which we have executed an application for Letters Patent of the United States, Application Serial No. 13/770,353, filed February 19, 2013, and which claims priority to U.S. Provisional Application Serial No. 61/601,689, filed February 22, 2012.

WHEREAS, Assignee is desirous of obtaining the entire right, title and interest in, to and under the said improvements and the said applications;

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said Assignee, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said improvements, and the said application, and all divisions, renewals and continuations thereof, and all Letters Patent which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and Assignors hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said Assignee, its



successors, legal representatives and assigns, in accordance with the terms of this instrument.

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

AND Assignors HEREBY further covenant and agree that Assignors will communicate to the said Assignee, its successors, legal representatives and assigns, any facts known to Assignors respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, Assignor, **Akshay Vashist**, hereunto sets his hand and seal this \_\_\_\_ day of \_\_\_\_\_, 2014.

\_\_\_\_\_  
**Akshay Vashist**

STATE OF                    )  
                                  ) ss.:  
COUNTY OF                )

On this \_\_\_\_ day of \_\_\_\_\_, 2014, before me personally came **Akshay Vashist**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

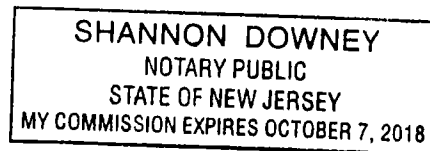
\_\_\_\_\_  
Notary Public

IN TESTIMONY WHEREOF, Assignor, **Ritu Chadha**, hereunto sets his hand  
and seal  
this 5<sup>th</sup> day of May, 2014.

Ritu Chadha  
Ritu Chadha

STATE OF New Jersey,  
COUNTY OF Middlesex ) ss.:

On this 5<sup>th</sup> day of May, 2014, before me personally came **Ritu Chadha**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.



Shannon Downey  
Notary Public

IN TESTIMONY WHEREOF, Assignee, **TT Government Solutions, Inc.**, has caused this Assignment to be signed by its duly authorized representative this \_\_\_\_ day of \_\_\_\_\_, 2014.

**TT Government Solutions, Inc.,**

By: \_\_\_\_\_  
Title: \_\_\_\_\_

STATE OF                                 )  
  ) ss.:  
COUNTY OF                             )

On this \_\_\_\_ day of \_\_\_\_\_, 2014, before me personally came \_\_\_\_\_, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

\_\_\_\_\_  
Notary Public

**ASSIGNMENT**

THIS ASSIGNMENT ("Assignment") is made and entered into effective as of the date of the latter of the signatures below, by and between **Akshay Vashist**, a citizen of India, with a place of employment at 150 Mount Airy Road, Basking Ridge, New Jersey 07920; and **Ritu Chadha**, a citizen of the United States of America, with a place of employment at 150 Mount Airy Road, Basking Ridge, New Jersey 07920 (hereinafter collectively "Assignors"), and **TT Government Solutions, Inc.**, having offices at 150 Mount Airy Road, Basking Ridge, New Jersey 07920 (hereinafter "Assignee"). A previous assignment, executed on October 22, 2013 and recorded on 12/19/2013, erroneously listed **Applied Communication Sciences, Inc.** as assignee. This Assignment replaces and corrects the previous assignment, to show that the correct assignee is **TT Government Solutions, Inc.**;

WHEREAS **TT Government Solutions, Inc.**, does business under the registered trade name of **Applied Communication Sciences**, as evidenced by United States Patent and Trademark Office Trademark Registration Number 4229455, registered October 23, 2012 to **TT Government Solutions, Inc.**;

WHEREAS, Assignors have invented certain new and useful improvements in ACTIVE ACQUISITION OF PRIVILEGED INFORMATION which we have executed an application for Letters Patent of the United States, Application Serial No. 13/770,353, filed February 19, 2013, and which claims priority to U.S. Provisional Application Serial No. 61/601,689, filed February 22, 2012.

WHEREAS, Assignee is desirous of obtaining the entire right, title and interest in, to and under the said improvements and the said applications;

NOW, THEREFORE, in consideration of good and valuable consideration, the receipt of which is hereby acknowledged, Assignors have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said Assignee, its successors, legal representatives and assigns, the entire right, title and interest in, to and under the said improvements, and the said application, and all divisions, renewals and continuations thereof, and all Letters Patent which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and Assignors hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said Assignee, its

successors, legal representatives and assigns, in accordance with the terms of this instrument.

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

AND Assignors HEREBY further covenant and agree that Assignors will communicate to the said Assignee, its successors, legal representatives and assigns, any facts known to Assignors respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said Assignee, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, Assignor, **Akshay Vashist**, hereunto sets his hand and seal this \_\_\_\_ day of \_\_\_\_\_, 2014.

\_\_\_\_\_  
**Akshay Vashist**

STATE OF )  
                  ) ss.:  
COUNTY OF )

On this \_\_\_\_ day of \_\_\_\_\_, 2014, before me personally came **Akshay Vashist**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

\_\_\_\_\_  
Notary Public

IN TESTIMONY WHEREOF, Assignor, **Ritu Chadha**, hereunto sets his hand  
and seal  
this \_\_\_\_ day of \_\_\_\_\_, 2014.

\_\_\_\_\_  
**Ritu Chadha**

STATE OF )  
                  ) ss.:  
COUNTY OF )

On this \_\_\_\_ day of \_\_\_\_\_, 2014, before me personally came **Ritu Chadha**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

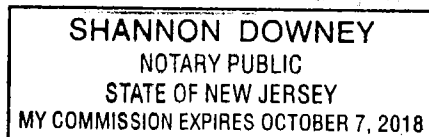
\_\_\_\_\_  
Notary Public

IN TESTIMONY WHEREOF, Assignee, **TT Government Solutions, Inc.**, has caused this Assignment to be signed by its duly authorized representative this 20<sup>th</sup> day of MAY, 2014.

By: *[Signature]*  
Title: President  
TT Government Solutions, Inc.,

STATE OF )  
COUNTY OF ) ss.:  
)

On this 20<sup>th</sup> day of May, 2014, before me personally came \_\_\_\_\_, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.



*[Signature]*  
Notary Public

## ASSIGNMENT

WHEREAS, I, Akshay Vashist, a citizen of the India residing in Plainsboro, New Jersey and Ritu Chadha, a citizen of the United States residing in Hillsborough, New Jersey ("ASSIGNOR"), have invented, developed, and/or have rights in the invention(s) ("THE INVENTION(S)") disclosed in United States Patent Application No. 13/770,353, filed February 19, 2013 (herein the "Patent");

AND WHEREAS Applied Communication Sciences, Inc., a corporation having a principal place of business at 150 Mount Airy Road, Basking Ridge, New Jersey 07920 ("ASSIGNEE") desires to acquire the entire right, title, and interest in and to THE INVENTION(S) and in and to the Patent;

NOW, THEREFORE, in consideration of the sum of one dollar (\$1.00) in hand and/or other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned, transferred and set over, and do hereby sell, assign, transfer and set over to ASSIGNEE the entire right, title and interest in and to THE INVENTION(S) and the Patent and all patents and patent applications claiming priority to and/or benefit of the Patent including utilities, divisions, continuations, and continuations-in-part thereof and all reissues, reexaminations, and extensions thereof, and all priority rights under the International Convention for the Protection of Industrial Property for every member country, and all applications for patents (including related rights such as utility-model registrations, registrations, inventor's certificates, and the like) heretofore or hereafter filed for THE INVENTION(S) in any foreign country/countries, and all patents (including all extensions, renewals and reissues thereof) granted for THE INVENTION(S) and the Patent in any foreign country/countries;

AND WE HEREBY authorize and request the United States Commissioner of Patents and Trademarks, and any officials of foreign countries whose duty is to issue patents on applications as aforesaid, to issue all patents for THE INVENTION(S) and/or the Patent in the name of ASSIGNEE in accordance with the terms of this assignment;

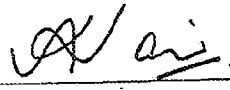
AND WE HEREBY covenant that we have full right to convey the entire interest herein assigned, and that we have not executed, and will not execute, any agreement in conflict herewith;

AND WE HEREBY further covenant and agree that we will communicate to ASSIGNEE any facts known to us respecting THE INVENTION(S) and the Patent, sign all lawful papers, execute all divisional, continuation, continuations-in-part, substitute, reexamination, and reissue applications, make all rightful oaths and generally do everything possible to aid ASSIGNEE to obtain and enforce proper patent protection for THE INVENTION(S) and the Patent.

--- SIGNATURES BEGIN ON NEXT PAGE ---



In testimony whereof, I hereunto set my hand this 22<sup>nd</sup> day of October, 2013.

  
\_\_\_\_\_  
Akshay Vashist

In testimony whereof, I hereunto set my hand this 21<sup>st</sup> day of October, 2013.

Ritu Chadha  
Ritu Chadha

Assignment Page 3 of 3

RECORDED: 12/19/2013

PATENT  
REEL: 031819 FRAME: 0348

RECORDED: 06/06/2014

PATENT  
REEL: 033102 FRAME: 0056