

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT2621000

SUBMISSION TYPE:	NEW ASSIGNMENT														
NATURE OF CONVEYANCE:	ASSIGNMENT														
CONVEYING PARTY DATA															
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>LEE DOUGLAS SHARTZER</td> <td>11/23/2011</td> </tr> <tr> <td>KENNETH ALAN RUDMAN</td> <td>09/27/2013</td> </tr> <tr> <td>DAN HAN DIEP</td> <td>11/13/2013</td> </tr> <tr> <td>SAMIR M. AHMED</td> <td>11/23/2011</td> </tr> <tr> <td>JAMES EARL BOOTH JR</td> <td>11/23/2011</td> </tr> <tr> <td>BASIL BADAWIYEH</td> <td>11/11/2013</td> </tr> </tbody> </table>		Name	Execution Date	LEE DOUGLAS SHARTZER	11/23/2011	KENNETH ALAN RUDMAN	09/27/2013	DAN HAN DIEP	11/13/2013	SAMIR M. AHMED	11/23/2011	JAMES EARL BOOTH JR	11/23/2011	BASIL BADAWIYEH	11/11/2013
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SAMIR M. AHMED	11/23/2011														
JAMES EARL BOOTH JR	11/23/2011														
BASIL BADAWIYEH	11/11/2013														
RECEIVING PARTY DATA															
Name:	Thomson Licensing														
Street Address:	1 rue Jeanne d'Arc														
City:	Issy les Moulineaux														
State/Country:	FRANCE														
Postal Code:	92130														
PROPERTY NUMBERS Total: 1															
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Application Number:	13978105														
CORRESPONDENCE DATA															
Fax Number:	(609)734-6888														
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<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>															
Correspondent Name:	ROBERT D. SHEDD, PATENT OPERATIONS THOMS														
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Address Line 4:	PRINCETON, NEW JERSEY 08540														
ATTORNEY DOCKET NUMBER:	PU110005														

502575080

PATENT  
 REEL: 031634 FRAME: 0215

CH \$40.00 13978105

NAME OF SUBMITTER:	JOEL M. FOGELSON REG. NO. 43613
Signature:	/Joel M. Fogelson Reg. No. 43613/
Date:	11/19/2013
<b>Total Attachments: 5</b> source=PU110005-Executed-Assignment#page1.tif source=PU110005-Executed-Assignment#page2.tif source=PU110005-Executed-Assignment#page3.tif source=PU110005-Executed-Assignment#page4.tif source=PU110005-Executed-Assignment#page5.tif	

ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA

I hereby declare that I am the sole inventor (if only one inventor is named below) or one of \_\_\_\_\_ joint inventors (if plural inventors are named below) of the inventions relating to USAGE DATA REPORTING

described in an Application for Patent filed on 4 January 2011 under Serial No. 611429-214 and described in the file associated with Docket No. PU110005 listed above or, if not identified here by filing date and serial number or by the Docket Number listed above, executed by me on even date with my execution of this Assignment/Agreement.

For valuable consideration received, I hereby sell, assign and transfer to THOMSON LICENSING, a corporation duly organized and existing under the laws of the country of France, its successors, and assigns my entire right, title and interest, for all countries in and to said inventions, and all the rights and privileges under any and all Letters Patent that may be granted therefor, and any divisions, continuations, renewals and extensions thereon.

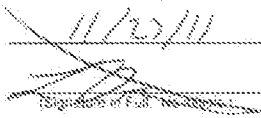

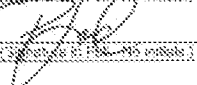
I agree that, when requested, I will, without charge to said corporation but at its expense, sign all papers, take all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for said inventions in any and all countries and for causing the same to be so secured, its successors, assigns or nominees.

I agree that I will communicate to said corporation or its representatives any facts known to me respecting said inventions and when requested by said corporation and at its expense will testify in any legal proceedings, and generally do everything possible to aid said corporation, its successors, assigns and legal representatives or nominees, to obtain or enforce proper protection for said inventions in any and all countries.

I authorize and empower said corporation, its successors, assigns or nominees, to make application for patent or other form of protection for said inventions in its or their own name, or in its/their name, in any and all countries and to make and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may hereafter be substituted for it, and to make and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may be required in any country for any purpose and more particularly in proof of the right of the said corporation or its successors, assigns or nominees to apply for patent or other proper protection for said inventions, and to claim the aforesaid benefits of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may hereafter be substituted for it.

I covenant with THOMSON LICENSING, its successors, assigns, legal representatives, and nominees, that to the best of my knowledge the right, title and interest herein conveyed by me are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

Signed at	Date	<u>11/23/11</u>
Inventor (1) <u>Lee Douglas Shartz</u> (Type or Print)		
Post Office Address	<u>26910 Matei Road, Valencia, California 91355 USA</u>	
1st Witness <u>James Earl Buehler</u> (Type or Print)		
2nd Witness <u>Phillip Swickard</u> (Type or Print)		
Signed at	Date	
Inventor (2) <u>Kenneth Alan Rudman</u> (Type or Print)	(Signature in Full - No initials)	
Post Office Address	<u>2040 La France Avenue, South Pasadena, California USA</u>	
1st Witness	(Type or Print) (Signature in Full - No initials)	
2nd Witness	(Type or Print) (Signature in Full - No initials)	
Signed at	Date	
Inventor (3) <u>Dan Han Diep</u> (Type or Print)	(Signature in Full - No initials)	
Post Office Address	<u>6316 N. Burton Avenue, San Gabriel, California 91775 USA</u>	
1st Witness	(Type or Print) (Signature in Full - No initials)	
2nd Witness	(Type or Print) (Signature in Full - No initials)	

After this Assignment has been recorded please RETURN to: Patent Operations, THOMSON Licensing LLC, PO Box 2917, Princeton, NJ 08540.

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I hereby declare that I am the sole inventor (if only one inventor is named below) or one of \_\_\_\_\_ joint inventors (if plural inventors are named below) of the inventions relating to USAGE DATA REPORTING

described in an Application for Patent filed on 4 January 2011 under Serial No. 61/628,714 and described in the file associated with Docket No. PU110005, listed above or, if not identified here by filing date and serial number or by the Docket Number listed above, executed by me on even date with my execution of this Assignment/Agreement.

For valuable consideration received, I hereby sell, assign and transfer to THOMSON LICENSING, a corporation duly organized and existing under the laws of the country of France, its successors, and assigns my entire right, title and interest, for all countries in and to said inventions, and all the rights and privileges under any and all Letters Patent that may be granted therefor, and any divisions, continuations, reissues and extensions thereof.

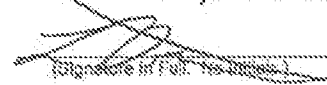
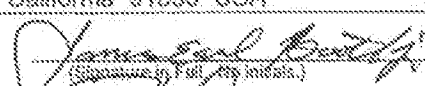
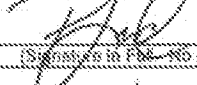
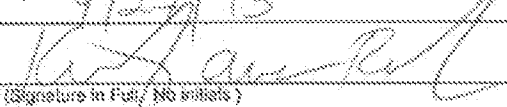
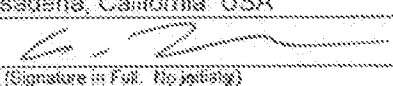
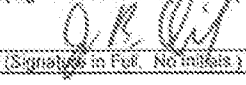
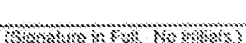
I agree that, when requested, I will, without charge to said corporation but at its expense, sign all papers, take all rightful oaths, make all rightful declarations and do all acts which may be necessary, desirable or convenient for securing and maintaining patents or other forms of protection for said inventions in any and all countries and for vesting title thereto in said corporation, its successors, assigns or nominees.

I agree that I will communicate to said corporation or its representatives any facts known to me respecting said inventions and when requested by said corporation and at its expense will testify in any legal proceedings, and generally do everything possible to aid said corporation, its successors, assigns and legal representatives or nominees, to obtain or enforce proper protection for said inventions in any and all countries.

I authorize and empower said corporation, its successors, assigns or nominees, to make application for patent or other form of protection for said inventions in its or their own name, or in my/our name, in any and all countries and to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property, as amended, or by any convention which may hereinafter be substituted for it, and to invoke and claim such right of priority without further written or oral authorization from me.

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Signed at	_____	Date	<u>11/23/11</u>
Inventor (1)	<u>Leo Douglas Shartzer</u> (Type or Print)	 (Signature in Full, No Initials)	
Post Office Address	<u>25910 Matel Road, Valencia, California 91356 USA</u>		
1st Witness	<u>James Ed Booth Jr</u> (Type or Print)	 (Signature in Full, No Initials)	
2nd Witness	<u>Phillip Swickard</u> (Type or Print)	 (Signature in Full, No Initials)	
Signed at	<u>Los Angeles, CA</u>	Date	<u>9/27/13</u>
Inventor (2)	<u>Kenneth Alan Rudman</u> (Type or Print)	 (Signature in Full, No Initials)	
Post Office Address	<u>2040 La France Avenue, South Pasadena, California USA</u>		
1st Witness	<u>CHRISTOPHER TICKNOR</u> (Type or Print)	 (Signature in Full, No Initials)	
2nd Witness	<u>JOSEPH B. DANIEL</u> (Type or Print)	 (Signature in Full, No Initials)	
Signed at	_____	Date	_____
Inventor (3)	<u>Dan Han Diep</u> (Type or Print)	 (Signature in Full, No Initials)	
Post Office Address	<u>6316 N. Burton Avenue, San Gabriel, California 91776 USA</u>		
1st Witness	_____	_____	
2nd Witness	_____	_____	

After this Assignment has been recorded please RETURN to:

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PO Box 8312  
Princeton, NJ 08540

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I hereby declare that I am the sole inventor (if only one inventor is named below) or one of \_\_\_\_\_ joint inventors (if plural inventors are named below) of the inventions relating to HEAVE DATA REPORTING

described in an Application for Patent filed on 4 January 2011 under Serial No. 61/242,714 and described in the file associated with Docket No. PU110005 listed above or, if not identified here by filing date and serial number or by the Docket Number listed above, executed by me or on my behalf with my execution of this Assignment/Agreement

For valuable consideration received, I hereby sell, assign and transfer to THEARSON LICENSING, a corporation duly organized and existing under the laws of the country of France, its successors, and assigns my entire right, title and interest, for all countries in and to said inventions, and of the rights and privileges under any and all Letters Patent that may be granted therefor, and any divisions, continuations, renewals and extensions thereof.

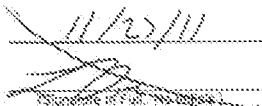
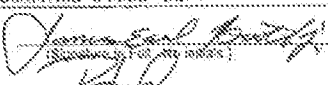
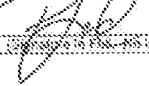
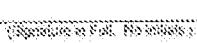
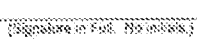
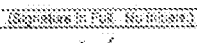

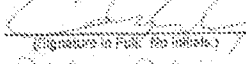
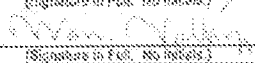
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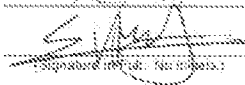
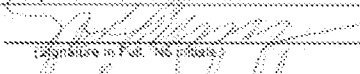
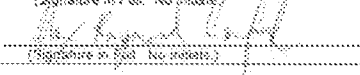
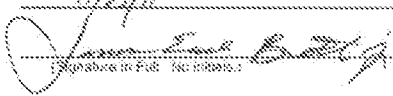
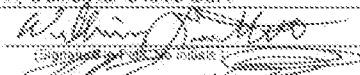
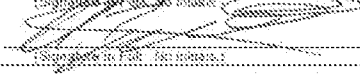
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Signed at	Date	<u>11/20/11</u>
Inventor (1) <u>Len Douglas Shartzler</u> (Type of Print)		
Post Office Address	<u>25910 Metel Road, Valencia, California 91355 USA</u>	
1st Witness <u>James Earl Buehler</u> (Type of Print)		
2nd Witness <u>Phillip Swickard</u> (Type of Print)		
Signed at	Date	
Inventor (2) <u>Kenneth Alan Rudman</u> (Type of Print)		
Post Office Address	<u>2040 La France Avenue, South Pasadena, California USA</u>	
1st Witness (Type of Print)		
2nd Witness (Type of Print)		
Signed at	Date	<u>11/2/11</u>
Inventor (3) <u>Dan Han Diep</u> (Type of Print)		
Post Office Address	<u>6819 Canyon Ave 6310 N. Burton Avenue, San Gabriel, California 91775 USA</u>	
1st Witness <u>Carrie Lee</u> (Type of Print)		
2nd Witness <u>Warren Volkmann</u> (Type of Print)		

After this Assignment has been recorded please RETURN TO:

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THEARSON Licensing LLC  
PO Box 9912  
Princeton, NJ 08540

ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA (Cont'd)

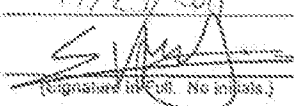
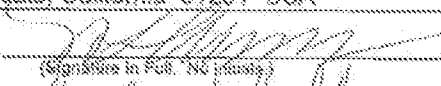
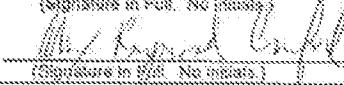
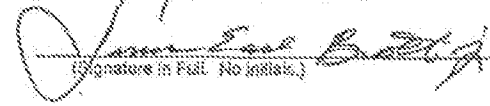
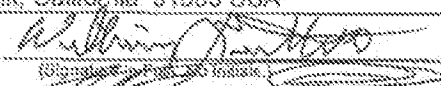
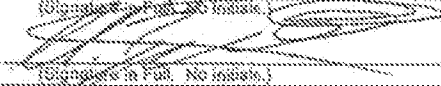
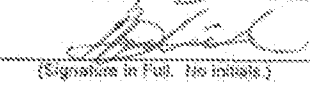
Signed at	Date	11/23/11
Inventor (4): Samir M. Ahmed (Type or Print)	 (Signature in Full - No initials.)	
Post Office Address	1324 Winchester Avenue, Glendale, California 91201 USA	
1st Witness: Max Raymond Cardel (Type or Print)	 (Signature in Full - No initials.)	
2nd Witness: Max Raymond Cardel (Type or Print)	 (Signature in Full - No initials.)	
Signed at	Date	11/23/11
Inventor (5): James Earl Booth, Jr. (Type or Print)	 (Signature in Full - No initials.)	
Post Office Address	1048 N. Frederic Street, Burbank, California 91506 USA	
1st Witness: William Lutton II (Type or Print)	 (Signature in Full - No initials.)	
2nd Witness: Harold Baker (Type or Print)	 (Signature in Full - No initials.)	
Signed at	Date	
Inventor (6): (Type or Print)	(Signature in Full - No initials.)	
Post Office Address		
1st Witness: (Type or Print)	(Signature in Full - No initials.)	
2nd Witness: (Type or Print)	(Signature in Full - No initials.)	
Signed at	Date	
Inventor (7): (Type or Print)	(Signature in Full - No initials.)	
Post Office Address		
1st Witness: (Type or Print)	(Signature in Full - No initials.)	
2nd Witness: (Type or Print)	(Signature in Full - No initials.)	

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Piscataway, NJ 08854-5412

Pat. Form-Rev. 08/22/2006

ASSIGNMENT AND AGREEMENT IN AN APPLICATION FOR LETTERS PATENT OF THE UNITED STATES OF AMERICA (Cont'd)

Signed at	Date
Inventor (4) <u>Samir M. Ahmed</u> (Type or Print)	<u>11/23/2011</u>  (Signature in Full. No initials.)
Post Office Address	<u>1324 Winchester Avenue, Glendale, California 91201 USA</u>
1st Witness <u>MRS ABRAMS</u> (Type or Print)	 (Signature in Full. No initials.)
2nd Witness <u>Max Raymond Campbell</u> (Type or Print)	 (Signature in Full. No initials.)
Signed at	Date
Inventor (5) <u>James Earl Booth, Jr.</u> (Type or Print)	<u>11/23/11</u>  (Signature in Full. No initials.)
Post Office Address	<u>1048 N. Frederic Street, Burbank, California 91505 USA</u>
1st Witness <u>William LITTLE</u> (Type or Print)	 (Signature in Full. No initials.)
2nd Witness <u>Hauke Baker</u> (Type or Print)	 (Signature in Full. No initials.)
Signed at <u>santa clarita CA</u>	Date <u>11/11/13</u>
Inventor (6) <u>Basil Badawiyeh</u> (Type or Print)	 (Signature in Full. No initials.)
Post Office Address	<u>28623 Gabriel Place, Santa Clarita, CA 91390</u>
1st Witness	(Signature in Full. No initials.)
2nd Witness	(Signature in Full. No initials.)
Signed at	Date
Inventor (7)	(Signature in Full. No initials.)
Post Office Address	
1st Witness	(Signature in Full. No initials.)
2nd Witness	(Signature in Full. No initials.)

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