

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Marko Jarvenpaa</td> <td>08/05/2013</td> </tr> <tr> <td>Frans Tuomela</td> <td>07/30/2013</td> </tr> <tr> <td>Antti Pihlajamaki</td> <td>08/26/2013</td> </tr> </tbody> </table>		Name	Execution Date	Marko Jarvenpaa	08/05/2013	Frans Tuomela	07/30/2013	Antti Pihlajamaki	08/26/2013		
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RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>TeliaSonera AB</td> </tr> <tr> <td>Street Address:</td> <td>Stureplan 8</td> </tr> <tr> <td>City:</td> <td>Stockholm</td> </tr> <tr> <td>State/Country:</td> <td>SWEDEN</td> </tr> <tr> <td>Postal Code:</td> <td>S-106 63</td> </tr> </table>		Name:	TeliaSonera AB	Street Address:	Stureplan 8	City:	Stockholm	State/Country:	SWEDEN	Postal Code:	S-106 63
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PROPERTY NUMBERS Total: 1											
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CORRESPONDENCE DATA											
<p>Fax Number: 2152536792 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 215-665-2747 Email: mbertolino@cozen.com Correspondent Name: Kyle Vos Strache Address Line 1: 1900 Market Street Address Line 2: Cozen O'Connor Address Line 4: Philadelphia, PENNSYLVANIA 19103</p>											
ATTORNEY DOCKET NUMBER:	KOLS0003-100 (338973)										
NAME OF SUBMITTER:	Kyle Vos Strache										
Signature:	/Kyle Vos Strache/										

Date:

09/09/2013

Total Attachments: 5

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ASSIGNMENT

WHEREAS, we, **Marko Järvenpää** of Hyvinkää, Finland, **Frans Tuomela** of Helsinki, Finland, and **Antti Pihlajamäki** of Helsinki, Finland, are co-inventors of certain inventions or improvements for which we have made application for Letters Patent to the United States Patent Office, identified as Application Serial No. **13/979,319**, entitled **"Syncing History Information"**; and

WHEREAS, TeliaSonera AB, hereinafter referred to as the assignee, of **Stureplan 8, Stockholm, Sweden S-106 63**, is desirous of acquiring the entire right, title and interest in and to the said inventions or improvements and in and to the said applications, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in any and all countries:

NOW, THEREFORE, for and in consideration of the sum of One Dollar (\$1.00) to each of us in hand paid by said assignee, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said joint assignors, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over to said assignee, our entire right, title and interest in and to said inventions or improvements and said application and any and all continuations, divisions and renewals of and substitutes for said application, and in, to and under any and all Letters Patent which may be granted on or as a result thereof in the United States and any and all other countries, and any reissue or reissues or extension or extensions of said Letters Patent, and assign to and authorize said assignee, to file in our names applications for Letters Patent in all countries, the same to be held and enjoyed by said assignee, its successors, assigns, nominees or legal representatives, to the full end of the term or terms for which said Letters Patent respectively may be granted, reissued or extended, as fully and entirely as the same would have been held and enjoyed by us had this assignment, sale and transfer not been made.

AND we hereby covenant that we have full right to convey our entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith, and we further covenant and agree that we will each time request is made and without undue delay, execute and deliver all such papers as may be necessary or desirable to perfect the title to said inventions or improvements, said application and said Letters Patent to said assignee, its successors, assigns, nominees, or legal representatives, and each of us agrees to communicate to said assignee or to its nominee all known facts respecting said inventions or improvements, said application and said Letters Patent, to testify in any legal proceedings, to sign all lawful papers, to execute all disclaimers and divisional, continuing, reissue and foreign applications, to make all rightful oaths, and generally to do everything possible to aid said assignee, its successors, assigns, nominees and legal representatives to obtain and enforce for its or their own benefit proper patent protection for said inventions or improvements in any and all countries.

AND we hereby authorize and request the Commissioner of Patents and Trademarks 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 to said assignee, as assignee of our entire right, title and interest, any and all Letters Patent for said inventions or improvements, including any and all Letters Patent of the United States which may be issued and granted on or as a result of the application aforesaid, in accordance with the terms of this assignment.

DOCKET NO.: KOLS0003-100

PATENT

AND this Assignment may be executed in multiple counterparts, each of which shall be deemed to be an original of this Assignment. Additionally, we hereby authorize our attorneys to collect the signature pages of each executed counterpart and to attach those signature pages to a single copy of this instrument, which single copy and attached signature pages together shall constitute an original of this Assignment.

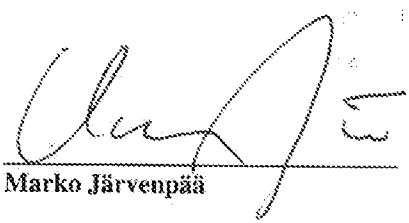
This Assignment is made effective as of January 20, 2012.

IN WITNESS WHEREOF, we have hereunto set our hands and seals.

DOCKET NO.: KOLS0003-100

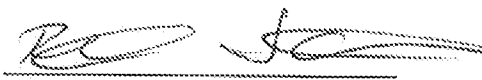
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Dated: 5.8, 2013


Marko Järvenpää

On this 5th day of August, 2013, before me, the undersigned, officer, personally appeared the above-named **Marko Järvenpää**, 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.

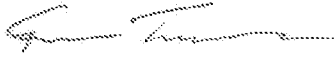
Riikka Järvenpää
Witness Name


Witness Signature

DOCKET NO.: KOLS0003-100

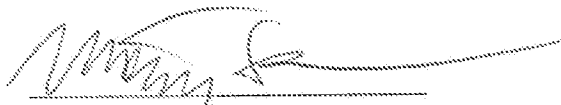
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Dated: 30, 7, 2013


Frans Tuomela

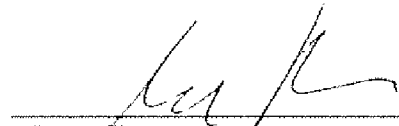
On this _____ day of _____, 2013, before me, the undersigned, officer, personally appeared the above-named **Frans Tuomela**, to me personally known and known to me to be the same individual who executed the foregoing assignment, and who acknowledged to me that execution of the same was of that person's own free will for the use and purposes therein set forth.

MERRY T SANTANEN
Witness Name


Witness Signature

Dated: 26th of Aug., 2013
Antti Pihlajamäki

On this 26th day of August, 2013, before me, the undersigned, officer, personally appeared the above-named **Antti Pihlajamäki**, 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.

Antero Tossavainen
Witness Name
Witness Signature