

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>Mark Hanson</td> <td>10/26/2009</td> </tr> <tr> <td>Paulo S.T. Chow</td> <td>10/22/2009</td> </tr> </tbody> </table>		Name	Execution Date	Mark Hanson	10/26/2009	Paulo S.T. Chow	10/22/2009
Name	Execution Date						
Mark Hanson	10/26/2009						
Paulo S.T. Chow	10/22/2009						
RECEIVING PARTY DATA							
Name:	T-Mobile USA, Inc.						
Street Address:	12920 SE 38th Street						
City:	Bellevue						
State/Country:	WASHINGTON						
Postal Code:	98006-1350						
PROPERTY NUMBERS Total: 1							
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13960745</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13960745		
Property Type	Number						
Application Number:	13960745						
CORRESPONDENCE DATA							
Fax Number:	2063597198						
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
Phone:	206 359-8000						
Email:	assignmentconfirmations@perkinscoie.com						
Correspondent Name:	Perkins Coie LLP						
Address Line 1:	P.O.Box 1247						
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ATTORNEY DOCKET NUMBER:	031419-8025.US02						
NAME OF SUBMITTER:	Pamela Stenslie						
Signature:	/Pamela Stenslie/						
Date:	08/08/2013						
Total Attachments: 3 source=ExecutedAssignment#page1.tif source=ExecutedAssignment#page2.tif source=ExecutedAssignment#page3.tif							

OP \$40.00 13960745

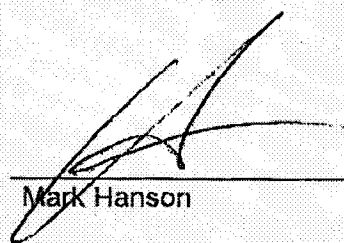
ASSIGNMENT BY INVENTORS

This Assignment is by Mark Hanson and Paulo S.T. Chow (the "Assignors"), residing in Carrollton, Texas and North Bend, Washington, respectively. The Assignors have invented one or more certain inventions (the "Invention(s)") described in a Patent application for which an International Application was filed on September 21, 2007, PCT/US07/79222, designating the United States.

T-Mobile USA, Inc., a Corporation of Delaware having its principal place of business at 12920 SE 38th Street, Bellevue, Washington 98006-1350 ("Assignee"), desires to acquire the entire right, title and interest in and to the Invention(s) and the Application, and in and to any patents (collectively, "Patents") that may be granted for the Invention(s) in the United States or in any foreign countries.

For valuable consideration, the receipt and sufficiency of which Assignors acknowledge, Assignors hereby sell, assign, and transfer to Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to: the Invention(s), the Application, and any Patents; any divisions, continuations, and continuations-in-part of the Application and any other application claiming priority rights from the Application; any reissues, reexaminations, or extensions of any and all Patents; the right to file foreign applications directly in the name of Assignee; and the right to claim priority rights deriving from the Application (collectively, the "Rights"). Assignors warrant that Assignors own the Rights, and that the Rights are unencumbered. Assignors also agree to not sign any writing or do any act conflicting with this assignment, and, without further compensation, sign all documents and do such additional acts as Assignee deems necessary or desirable to: perfect Assignee's enjoyment of the Rights; conduct proceedings regarding the Rights, including any litigation or interference proceedings; or perfect or defend title to the Rights. Assignors request the Commissioner of Patents to issue any Patent of the United States that may be issued on the Invention(s) to Assignee. This Assignment may be executed in counterparts.

10/26/2009
Date


Mark Hanson

Witness:

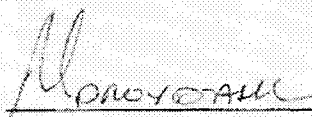
Date

10/22/09
Date


Paulo S.T. Chow

Witness:

10/22/09
Date


MARK DROYDAHL

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