

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3175941

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
GEORGIANA GORMLEY	07/29/2011
WINSTON WANG	07/28/2011
ROBERT BUCK	08/02/2011
VALERIE GOULART	07/29/2011
JEFF GOUGH	08/02/2011
BARB BRINDLE	08/05/2011
PATRICK CARNEY	07/29/2011
PAULO S.T. CHOW	08/02/2011
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	T-MOBILE USA, INC.
<b>Street Address:</b>	12920 SE 38TH STREET
<b>City:</b>	BELLEVUE
<b>State/Country:</b>	WASHINGTON
<b>Postal Code:</b>	98006-1350
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14579836
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(206)359-4342
<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>	206 359-8000
<b>Email:</b>	PStenslie@perkinscoie.com
<b>Correspondent Name:</b>	PERKINS COIE LLP
<b>Address Line 1:</b>	P.O.BOX 1247
<b>Address Line 2:</b>	PATENT-SEA
<b>Address Line 4:</b>	SEATTLE, WASHINGTON 98111
<b>ATTORNEY DOCKET NUMBER:</b>	031419-8043.US03
<b>NAME OF SUBMITTER:</b>	PAMELA STENSLIE
<b>SIGNATURE:</b>	/Pamela Stenslie/

PATENT

<b>DATE SIGNED:</b>	01/09/2015
<b>Total Attachments: 9</b> source=Assignment314198043US1#page1.tif source=Assignment314198043US1#page2.tif source=Assignment314198043US1#page3.tif source=Assignment314198043US1#page4.tif source=Assignment314198043US1#page5.tif source=Assignment314198043US1#page6.tif source=Assignment314198043US1#page7.tif source=Assignment314198043US1#page8.tif source=Assignment314198043US1#page9.tif	

## ASSIGNMENT BY INVENTORS

This Assignment is by Georgiana Gormley; Winston Wang; Robert Buck; Valerie Goulart; Jeff Gough; Barb Brindle; Patrick Carney; and Paulo S.T. Chow (the "Assignors"), residing in Durham, North Carolina; Bellevue, Washington; Bellevue, Washington; Bellevue, Washington; Bellevue, Washington; Fall City, Washington; Seattle, Washington; 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 February 22, 2008, PCT/US08/54793, 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.

7/29/11  
Date

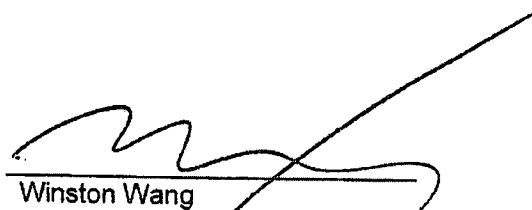
  
Georgiana Gormley

**Witness:**

7/29/11  
Date



7/28/2011  
Date

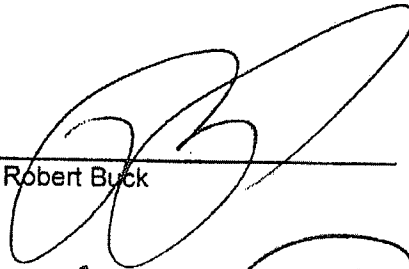
  
Winston Wang

Witness:

7/28/11  
Date

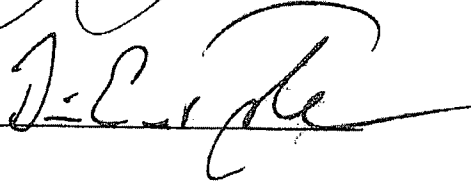
  
\_\_\_\_\_

Date 8/2/2011

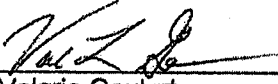
  
Robert Buck

Witness:

Date 8-3-11




29-July-2011  
Date

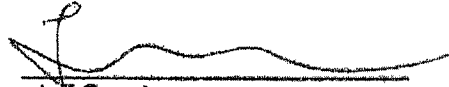
  
Valerie Gouliart

**Witness:**

7/29/2011  
Date



8/2/2011  
Date

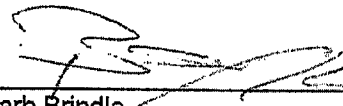
  
Jeff Gough

Witness:  
8/2/11  
Date






8/5/11  
Date

  
Barb Brindle

Witness:

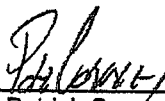
8/5/11  
Date



31419-8043.US01/LEGAL21220623.1

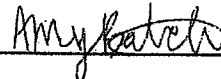
314198043US

7.29.11  
Date

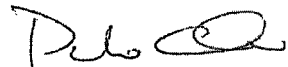
  
Patrick Carney

**Witness:**

7.29.11  
Date



Aug. 2, 11  
Date

  
Paulo S.T. Chow

**Witness:**

8/2/11  
Date

