

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT3106917

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
ROSS BOTT	01/10/2013
MICHAEL LUNA	01/31/2013
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	SEVEN NETWORKS, INC
<b>Street Address:</b>	959 SKYWAY ROAD
<b>Internal Address:</b>	SUITE 100
<b>City:</b>	SAN CARLOS
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94070
<b>PROPERTY NUMBERS Total: 2</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13912067
<b>PCT Number:</b>	US1320574
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	9193482194
<b>Email:</b>	KEDGREN@NKKPATENTLAW.COM
<b>Correspondent Name:</b>	NKK PATENT LAW, PLLC
<b>Address Line 1:</b>	4917 WATERS EDGE DR.
<b>Address Line 2:</b>	SUITE 275
<b>Address Line 4:</b>	RALEIGH, NORTH CAROLINA 27606
<b>ATTORNEY DOCKET NUMBER:</b>	455/136/2 UTIL AND PCT
<b>NAME OF SUBMITTER:</b>	JUSTIN R. NIFONG
<b>SIGNATURE:</b>	/Justin R. Nifong/
<b>DATE SIGNED:</b>	11/13/2014
<b>Total Attachments: 6</b>	
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## ASSIGNMENT OF PATENT RIGHTS

Ross Bott, having a mailing address at 152 Poplar Street, Half Moon Bay, CA 94019 (the "Assignor") desires to assign his entire right, title and interest in and to the inventions described in the Applications and Patents listed in Schedule A (collectively, the "Inventions") to Seven Networks, Inc, a Corporation of Delaware, having it's principal place of business at 2100 Seaport Boulevard, Suite 100, Redwood City, CA 94063 ("Assignee"). Therefore, for valuable consideration, the receipt and sufficiency of which Assignors acknowledge, Assignors hereby sell, assign, and transfer to Assignee, the full extent of its right, title, and interest in and to any and all of the following (collectively, the "Rights"):

- The Inventions and all rights in any country in the world with respect to the Inventions;
- All letters patents, United States patents or other governmental grants or issuances that may be granted or issue with respect to the Inventions (the "Patents");
- All divisionals, continuations, and continuations-in-part or other applications filed with respect to the Inventions and/or claiming priority rights from such applications and/or the Patents (the "Applications");
- All reissues, reexaminations, extensions or registrations of any and all of the Applications and the Patents;
- All non-United States patents, patent applications, and counterparts relating to the Inventions, the Applications, and the Patents including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances, and including the right to file foreign applications directly in the name of Assignee, its successors and assigns;
- The right to claim priority rights deriving from the Patents and/or Applications;
- All causes of action and remedies related to the Inventions, Applications, and Patents (including, without limitation, the right to sue for past, present or future infringement, provisional rights under 35 U.S.C. sec. 154, misappropriation or violation of rights related to the Inventions, Applications and Patents);
- All rights to collect royalties and other payments under or on account of any of the Inventions, Applications and Patents; and
- Any and all other rights and interests arising out of, in connection with, or in relation to the Inventions, Applications and Patents.

Assignors will not sign any writing or do any act conflicting with this Assignment, and, without further compensation, will sign all documents and do such additional acts as Assignee, its successors, legal representatives and assigns deem necessary or desirable to: perfect 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 respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models or other governmental grants or issuances that may be granted upon any of the Rights in the name of Assignee, as the assignee to the entire interest therein.

The terms and conditions of this Assignment will inure to the benefit of Assignee, its successors, legal representatives and assigns and will be binding upon Assignors, their successors, legal representatives and assigns.

ASSIGNOR:

Ross Bott

Ross Bott  
By: Ross Bott  
Its: RESIDENT + CEO  
Date: JAN 10, 2013

STATE OF \_\_\_\_\_ )  
 ) ss.  
COUNTY OF \_\_\_\_\_ )

On \_\_\_\_\_, before me, \_\_\_\_\_, Notary Public in  
and for said State, personally appeared \_\_\_\_\_, personally known to me (or proved  
to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within  
instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and  
that by his/her signature on the instrument the person, or the entity upon behalf of which the person  
acted, executed the instrument.

WITNESS my hand and official seal.

Signature \_\_\_\_\_ (Seal)

**SCHEDULE A**

<b>Application No.</b>	<b>Filing Date</b>	<b>Title</b>
US 61/583,434	January 5, 2011	Detection And Management Of User Interaction With Foreground Applications In A Distributed Caching Environment (Docket No. 76443-8136.US00)
US 13/735,868	January 7, 2013	Detection And Management Of User Interactions With Foreground Applications On A Mobile Device In Distributed Caching (Docket No. 76443-8136.US01)
PCT/US13/20574	January 7, 2013	Detection And Management Of User Interactions With Foreground Applications On A Mobile Device In Distributed Caching (Docket No. 764438136WO00)
GB 1300185.4	January 7, 2013	Detection And Management Of User Interactions With Foreground Applications On A Mobile Device In Distributed Caching (Docket No. 76443-8136.GB01)

## ASSIGNMENT OF PATENT RIGHTS

**Michael Luna**, having a mailing address at 519 Curie Drive, San Jose, CA 94123, (the "**Assignor**") desires to assign his entire right, title and interest in and to the inventions described in the Applications and Patents listed in Schedule A (collectively, the "**Inventions**") to **Seven Networks, Inc.**, a Corporation of Delaware, having it's principal place of business at 2100 Seaport Boulevard, Suite 100, Redwood City, CA 94063 ("**Assignee**"). Therefore, for valuable consideration, the receipt and sufficiency of which Assignors acknowledge, Assignors hereby sell, assign, and transfer to Assignee, the full extent of its right, title, and interest in and to any and all of the following (collectively, the "**Rights**");

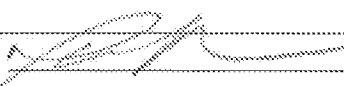
- The Inventions and all rights in any country in the world with respect to the Inventions;
- All letters patents, United States patents or other governmental grants or issuances that may be granted or issue with respect to the Inventions (the "**Patents**");
- All divisionals, continuations, and continuations-in-part or other applications filed with respect to the Inventions and/or claiming priority rights from such applications and/or the Patents (the "**Applications**");
- All reissues, reexaminations, extensions or registrations of any and all of the Applications and the Patents;
- All non-United States patents, patent applications, and counterparts relating to the Inventions, the Applications, and the Patents including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances, and including the right to file foreign applications directly in the name of Assignee, its successors and assigns;
- The right to claim priority rights deriving from the Patents and/or Applications;
- All causes of action and remedies related to the Inventions, Applications, and Patents (including, without limitation, the right to sue for past, present or future infringement, provisional rights under 35 U.S.C. sec. 154, misappropriation or violation of rights related to the Inventions, Applications and Patents);
- All rights to collect royalties and other payments under or on account of any of the Inventions, Applications and Patents; and
- Any and all other rights and interests arising out of, in connection with, or in relation to the Inventions, Applications and Patents.

Assignors will not sign any writing or do any act conflicting with this Assignment, and, without further compensation, will sign all documents and do such additional acts as Assignee, its successors, legal representatives and assigns deem necessary or desirable to: perfect 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 respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models or other governmental grants or issuances that may be granted upon any of the Rights in the name of Assignee, as the assignee to the entire interest therein.

The terms and conditions of this Assignment will inure to the benefit of Assignee, its successors, legal representatives and assigns and will be binding upon Assignors, their successors, legal representatives and assigns.

ASSIGNOR:

Michael Luna

By:   
Its: \_\_\_\_\_  
Date: 7-31-2013

STATE OF \_\_\_\_\_ )  
 ) ss.  
COUNTY OF \_\_\_\_\_ )

On \_\_\_\_\_, before me, \_\_\_\_\_, Notary Public in and for said State, personally appeared \_\_\_\_\_, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.

Signature \_\_\_\_\_ (Seal)

### SCHEDULE A

Application No.	Filing Date	Title
US 61/583,434	January 5, 2012	Detection And Management Of User Interaction With Foreground Applications In A Distributed Caching Environment (Docket No. 76443-8136.US00)
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