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PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Gregory G. Raleigh	12/19/2012

RECEIVING PARTY DATA

Name:	Headwater Partners I, LLC
Street Address:	350 Marine Parkway, Suite 300
City:	Redwood Shores
State/Country:	CALIFORNIA
Postal Code:	94065

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	13718936	

CORRESPONDENCE DATA

Fax Number:

Correspondence will be sent via US Mail when the fax attempt is unsuccessful.

Phone: 650-517-2791

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ATTORNEY DOCKET NUMBER: RALEP030C1

NAME OF SUBMITTER: Ann Taylor

Total Attachments: 1

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PATENT REEL: 029579 FRAME: 0690

Attorney Docket No.: RALEP030C1

ASSIGNMENT OF PATENT APPLICATION

Whereas I/we the undersigned inventor(s) have invented certain new and useful improvements as set forth in the patent application entitled:

ENHANCED ROAMING SERVICES AND CONVERGED CARRIER NETWORKS WITH DEVICE ASSISTED SERVICES AND A PROXY

for which I (we) have executed an application for a United States Letters patent which was filed in the U.S. Patent and Trademark Office on December 18, 2012, and which bears the Application No. 13/718,936, and I (we) authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting above the filing date and serial number of said application when known;

For good and valuable consideration, the receipt and sufficiency of which is herby acknowledged, I/We the undersigned inventor(s) hereby:

- 1. Sell(s), assign(s) and transfer(s) to Headwater Partners I, LLC, a Delaware Limited Liability Company having a principal place of business at 350 Marine Parkway, #300, Redwood City, CA 94065 (hereinafter referred to as "Assignee"), the entire right, title, and interest in any and all improvements and inventions disclosed in, application(s) (including foreign applications) based upon, and Patent(s) (including foreign patents) granted upon the information which is disclosed in the above-referenced application and/or in any provisional application to which the above-referenced application claims priority.
- 2. Authorize and request the Commissioner of Patents to issue any and all Letters Patents resulting from said application or any division(s), continuation(s), substitute(s) or reissue(s) thereof to the Assignee.
- 3. Agree to execute all papers and documents and, entirely at the Assignee's expense, perform any acts which are reasonably necessary in connection with the prosecution of said application, as well as any derivative applications thereof, foreign applications based thereon, and/or the enforcement of patents resulting from such applications.
- 4. Agree that the terms, covenants and conditions of this assignment shall inure to the benefit of the Assignee, its successors, assigns and other legal representative, and shall be binding upon the inventor(s), as well as the inventor's heirs, legal representatives, and assigns.
- 5. Warrant and represent that I/we have not entered, and will not enter into any assignment, contract, or understanding that conflicts with this assignment.

Signed on tl	he date(s) indicated beside my (our) signature(s).		
Signature:		Date:	12/19/2017_
	Gregory G. Raleigh		1-11-12-12

RECORDED: 01/07/2013

PATENT REEL: 029579 FRAME: 0691