

PATENT ASSIGNMENT COVER SHEET

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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>NAMITTA SHANKAR</td> <td>10/01/2013</td> </tr> <tr> <td>JOSEPH LEIGHTON WADE BOUTILIER</td> <td>10/17/2013</td> </tr> <tr> <td>JARED MICHAEL BRINKLEY</td> <td>10/01/2013</td> </tr> </tbody> </table>		Name	Execution Date	NAMITTA SHANKAR	10/01/2013	JOSEPH LEIGHTON WADE BOUTILIER	10/17/2013	JARED MICHAEL BRINKLEY	10/01/2013
Name	Execution Date								
NAMITTA SHANKAR	10/01/2013								
JOSEPH LEIGHTON WADE BOUTILIER	10/17/2013								
JARED MICHAEL BRINKLEY	10/01/2013								
RECEIVING PARTY DATA									
Name:	REALNETWORKS, INC.								
Street Address:	1501 1ST AVENUE S. SUITE 600								
City:	SEATTLE								
State/Country:	WASHINGTON								
Postal Code:	98134								
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>13931367</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13931367				
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Application Number:	13931367								
CORRESPONDENCE DATA									
Fax Number:	(206)217-2201								
Phone:	206-217-2200								
Email:	patents@aeonlaw.com								
<i>Correspondence will be sent via US Mail when the email attempt is unsuccessful.</i>									
Correspondent Name:	AEON LAW / REAL NETWORKS								
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Address Line 4:	SEATTLE, WASHINGTON 98101								
ATTORNEY DOCKET NUMBER:	REAL-2013408 ASSIGNMENT								
NAME OF SUBMITTER:	MARTIN S, GARTHWAITE								
Signature:	/Martin S. Garthwaite/								
Date:	10/17/2013								
Total Attachments: 2 source=Partially-signed-Assignment-REAL-2013408-RN435#page1.tif source=BOUTILIER-Assignment-REAL-2013408#page1.tif									

OP \$40.00 13931367

ASSIGNMENT

This Agreement is entered into between the following parties:

ASSIGNOR(S): Namitta SHANKAR of Seattle, WA; Joseph Leighton Wade BOUTILIER of Victoria British Columbia, Canada; Jared Michael BRINKLEY of Seattle, WA

ASSIGNEE: RealNetworks, Inc., a Washington Corporation with an address of 2601 Elliott Avenue, Suite 1000, Seattle, WA 98121

For good and valuable For good and valuable consideration, the receipt of which is hereby acknowledged, Assignor hereby sells, assigns, transfers, and conveys to Assignee or its designees, all right, title, and interest that exist today and may exist in the future in and to any and all items in the following categories (collectively, the "Patent Rights"):

a) the following patent applications, provisional patent applications, and patents (collectively, the "Patents"): ONLINE SOCIAL GAMING WITH INCENTIVES Application No. 13931367, naming as inventors Namitta SHANKAR of Seattle, WA; Joseph Leighton Wade BOUTILIER of Victoria British Columbia, Canada; Jared Michael BRINKLEY of Seattle, WA. [REAL-2013408 (RN435)].

b) the following additional patents and patent applications that have been or may be filed: 1) all patents and patent applications from which any of the Patents directly or indirectly claims priority; 2) all patents and patent applications for which any of the Patents directly or indirectly forms a basis for priority; and/or 3) all patents and patent applications that were co-owned applications that incorporate by reference, or are incorporated by reference into, the Patents;

c) all applications derived from any item in any of categories (a)-(b), above, including, without limitation, provisional applications, non-provisional applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, and extensions;

d) all foreign patents, patent applications, and counterparts relating to any item in any of categories (a)-(c), including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances;

e) all inventions, disclosures, and discoveries described in any item in any of categories (a)-(d), including, without limitation, the following: 1) all inventions, disclosures, and discoveries included in any claim (whether issued, rejected, withdrawn, cancelled, or the like) that is or was claimed therein; 2) all inventions, disclosures, and discoveries that are capable of being reduced to a claim in a reissue or reexamination proceeding brought thereon; and/or 3) all inventions, disclosures, and discoveries that could have been included in a claim therein;

f) all rights to apply in any or all countries for patents, certificates of invention, utility models, industrial design protections, design patent protections, or other governmental grants or issuances of any type that are related to any item in any of categories (a)-(e), including, without limitation, rights to apply under the Paris Convention for the Protection of Industrial Property, the International Patent Cooperation Treaty, or any other convention, treaty, agreement, or understanding;

g) all causes of action and other enforcement rights (whether known, unknown, currently pending, filed, or otherwise) under or on account of any item in any of categories (a)-(f), including, without limitation, causes of action and other enforcement rights for damages, injunctive relief, and any other remedies for past, current, and/or future infringement;

h) all rights to collect royalties and other payments under or on account of any item in any of categories (a)-(g); and

i) all rights of priority arising under or on account of any item in any of categories (a)-(f).

Assignor represents, warrants and covenants as follows:

(1) Assignor has the full power and authority, and has obtained all required third party consents, approvals, and/or other authorizations, to enter into this Agreement and to carry out its obligations hereunder, including the assignment of the Patent Rights to Assignee; (2) Assignor owns, and by this Agreement assigns to Assignee, all right, title, and interest to the Patent Rights, including, without limitation, all right, title, and interest to sue for infringement of the Patent Rights; (3) Assignor has obtained and properly recorded previously executed assignments for the Patent Rights as necessary to fully perfect its rights and title therein in accordance with governing law and regulations in each respective jurisdiction; and (4) the Patent Rights are free and clear of all liens, claims, mortgages, security interests or other encumbrances, and restrictions. There are no actions, suits, investigations, claims or proceedings threatened, pending, or in progress relating in any way to the Patent Rights. There are no existing contracts, agreements, options, commitments, proposals, bids, offers, or rights with, to, or in any person to acquire any of the Patent Rights.

Assignor hereby authorizes the respective patent office or governmental agency in each jurisdiction to issue in the name of Assignee, as the assignee to the entire interest therein, any and all patents, certificates of invention, utility models, or other governmental grants or issuances that may be granted upon any of the Patent Rights.

At the reasonable request and expense of Assignee, Assignor will, without demanding any further consideration, do all things necessary, proper, or advisable to carry out in good faith the intent and purpose of this Assignment and to assist Assignee in obtaining, perfecting, sustaining, and/or enforcing the Patent Rights, such assistance to include without limitation: 1) executing, acknowledging, and recording specific assignments, oaths, declarations, powers of attorney, and other documents on a country-by-country basis; 2) executing all divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, and extensions; and 3) communicating to Assignee all facts known to Assignor relating to the Patent Rights and the history thereof.

The terms and conditions of this Assignment of Patent Rights will inure to the benefit of Assignee, its successors, assigns, and other legal representatives and will be binding upon Assignor, its successors, assigns, and other legal representatives.

Namitta 10/01/2013
ASSIGNOR Signature Date
Print name: Namitta SHANKAR

ASSIGNOR Signature Date
Print name: Joseph Leighton Wade BOUTILIER

Jared Michael Brinkley 10/01/2013
ASSIGNOR Signature Date
Print name: Jared Michael BRINKLEY

Matt Eccles 10/01/2013
ASSIGNEE Signature Date
Print name: Matt Eccles
Print Title: ~~Asst~~ General Counsel
ASSIGNEE: RealNetworks, Inc.

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Print name: Namitta SHANKAR

 _____ Date 10/17/2013
ASSIGNOR Signature _____ Date _____
Print name: Joseph Leighton Wade BOUTILIER

ASSIGNOR Signature _____ Date _____
Print name: Jared Michael BRINKLEY

ASSIGNEE Signature _____ Date _____
Print name: Mait Eccles
Print Title: General Counsel
ASSIGNEE: RealNetworks, Inc.