

PATENT ASSIGNMENT

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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>Jeremy P. Chaney</td> <td>10/09/2000</td> </tr> <tr> <td>Joshua Ethan Elman</td> <td>10/16/2000</td> </tr> <tr> <td>Elizabeth Carter Grigg</td> <td>10/19/2000</td> </tr> </tbody> </table>		Name	Execution Date	Jeremy P. Chaney	10/09/2000	Joshua Ethan Elman	10/16/2000	Elizabeth Carter Grigg	10/19/2000
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Jeremy P. Chaney	10/09/2000								
Joshua Ethan Elman	10/16/2000								
Elizabeth Carter Grigg	10/19/2000								
RECEIVING PARTY DATA									
Name:	RealNetworks, Inc.								
Street Address:	2601 Elliott Avenue, Suite 1000								
City:	Seattle								
State/Country:	WASHINGTON								
Postal Code:	98121								
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>13092094</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13092094				
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Application Number:	13092094								
CORRESPONDENCE DATA									
Fax Number:	(206)217-2201								
Phone:	2062172200								
Email:	patents@aeonlaw.com								
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>									
Correspondent Name:	Adam L.K. Philipp								
Address Line 1:	1218 3rd Avenue, Suite 2100								
Address Line 4:	Seattle, WASHINGTON 98101								
ATTORNEY DOCKET NUMBER:	REAL-2011267 (RN010D1)								
NAME OF SUBMITTER:	Adam L.K. Philipp								
Total Attachments: 2 source=13092094#page1.tif source=13092094#page2.tif									

OP \$40.00 13092094

ASSIGNMENT

WHEREAS, We, Jeremy P. Chaney, a United States citizen, residing at 3622 29th Avenue W, Seattle, WA 98199, Joshua Ethan Elman, a United States citizen, residing at 1109 107th Avenue SE, Bellevue, WA 98004 and Elizabeth Carter Grigg, a United States citizen, residing at 532 23rd Avenue E, Seattle, WA 98112, have invented certain new and useful improvements in a SYSTEM AND METHOD OF ORGANIZING AND EDITING METADATA for which we have filed an application for Letters Patent in the United States, Application No. 09/575,403;

AND WHEREAS, RealNetworks, Inc. (hereinafter "ASSIGNEE"), a Washington Corporation, with its principal place of business at 2601 Elliott Avenue, Seattle, WA 98121, desires to acquire the entire right, title, and interest in and to the said improvements and the said Application:

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, we, the said inventors, do hereby acknowledge that we have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEE, its successors, legal representatives and assigns, the entire right, title, and interest throughout the world in, to and under the said improvements, and the said application and all divisions, renewals and continuations thereof, and all Letters Patent of the United States which may be granted thereon and all reissues and extensions thereof, and all rights of priority under International Conventions and applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and we hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to the said ASSIGNEE, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

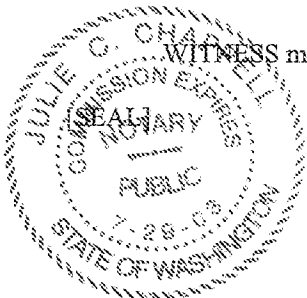
AND WE HEREBY covenant and agree that we will communicate to the said ASSIGNEE, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid the said ASSIGNEE, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 9 day of October, 2000.

Jeremy P. Chaney
Jeremy P. Chaney

STATE OF WA }
COUNTY OF KING } ss.

On Oct. 9, 2000, before me, Julie G. Chappell, personally appeared Jeremy P. Chaney personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

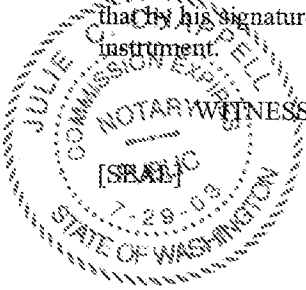
Julie G. Chappell
Notary Signature
Julie G. Chappell

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 16 day of October, 2000.

[Signature]
Joshua Ethan Elman

STATE OF WA }
COUNTY OF KING } ss.

On Oct. 16, 2000, before me, Julie C. Chappell, personally appeared Joshua Ethan Elman personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

[Signature]
Notary Signature
Julie C. Chappell

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 19 day of October, 2000.

[Signature]
Elizabeth Carter Grigg

STATE OF WA }
COUNTY OF KING } ss.

On Oct. 19, 2000, before me, Julie C. Chappell, personally appeared Elizabeth Carter Grigg personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) is/are subscribed to the within instrument, and acknowledged to me that she executed the same in her authorized capacity(ies), and that by her signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.



WITNESS my hand and official seal.

[Signature]
Notary Signature
Julie C. Chappell

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