

09-22-2003

RECORDAT

MRD
9.10.0300746 U.S. PTO
10/659985
09/10/03

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

102554491

copy thereof.

1. Name of conveying party(ies): (If multiple assignors, list numerically)

1. Joshua D. Hug 2. Alain Hamel 3. Adam B. Cappio
4. Brent D. Newman 5. Xiaodong Fu
6. Rahul Agarwal 7. Jeffrey M. Ayars

Additional name(s) of conveying party(ies) attached?

() Yes (X) No

2. Name and address of receiving party(ies):

Name: RealNetworks, Inc.

Internal Address:

Street Address: 2601 Elliott Avenue, Ste. 1000

City: Seattle State: WA ZIP: 98121

Additional name(s) of receiving party(ies) attached?

() Yes (X) No

3. Nature of conveyance:

(X) Assignment
() Merger
() Security Agreement
() Change of Name
() Other:

Execution Date: (If multiple assignors, list execution dates in numerical order corresponding to numbers indicated in 1 above) 1. August 21, 2003 2. August 21, 2003 3. August 21, 2003 4. August 21, 2003 5. September 5, 2003 6. September 2, 2003 7. August 29, 2003

4. Application number(s) or Patent number(s):

(X) Application filed herewith
Execution Dates: 1. August 21, 2003
2. August 21, 2003 3. August 21, 2003
4. August 21, 2003, 5. September 5, 2003
6. September 2, 2003 7. August 29, 2003() Patent Application No.:
Filing Date:() Patent No.:
Issue Date:

Additional numbers attached? () Yes (X) No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Johnfar Kerlee
KNOBBE, MARTENS, OLSON & BEAR, LLP
Customer No. 20,995

Internal Address: Fourteenth Floor

Street Address: 2040 Main Street

City: Irvine State: CA ZIP: 92614

Attorney's Docket No.: REALNET.202A

7. Total fee (37 CFR 1.21(h)): \$40

(X) Enclosed

(X) Authorized to be charged to deposit account if any additional fees are required, or to credit any overpayment

8. Deposit account number: 11-1410

Please charge this account for any additional fees which may be required, or credit any overpayment to this account.

6. Total number of applications and patents involved: 1

9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct, and any attached copy is a true copy of the original document.

Johnfar Kerlee

Name of Person Signing

Signature

Date

9-10-03

53,111

Registration No.

Total number of pages including cover sheet, attachments and document: 6

Mail documents to be recorded with required cover sheet information to:

09/15/2003 G6EBREGI 00000002 10659985

04 FC:0021

40.00 DP

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Alexandria, VA 22313-1450

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PATENT
REEL: 014496 FRAME: 0809

ASSIGNMENT

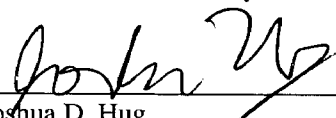
WHEREAS, We, Joshua D. Hug, a USA citizen, residing at 1101 Queen Anne Ave., Apt. 202, Seattle, WA 98109, Alain Hamel, a Canadian citizen, residing at 13450 456th Pl. SE, North Bend, WA 98045, Adam B. Cappio, a USA citizen, residing at 3214 NW 67th Street, Seattle, WA 98117, Brent D. Newman, a USA citizen, residing at 1410 240th Way SE, Sammamish, WA 98075, Xiaodong Fu, a citizen of China, residing at 10746 Main St. #302, Fairfax, VA 22030, Rahul Agarwal, a citizen of India, residing at 370 Datewood Court NW, Issaquah, WA 98027, and Jeffrey M. Ayars, a USA citizen, residing at 1420 Forster Blvd., SW, North Bend, WA 98045, have invented certain new and useful improvements in a SYSTEM AND METHOD FOR DISTRIBUTING PROTECTED AUDIO CONTENT ON OPTICAL MEDIA, for which we have executed an application for Letters Patent in the United States, on even date herewith;

AND WHEREAS, RealNetworks, Inc. (hereinafter "ASSIGNEE"), a Washington Corporation, with its principal place of business at 2601 Elliott Avenue, Ste. 1000, 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 provisional applications relating thereto, 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 21 day of August, 2003

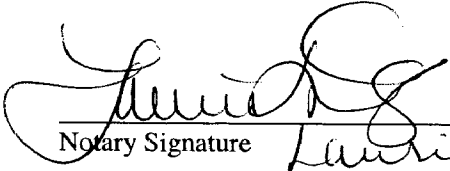

Joshua D. Hug

STATE OF WASHINGTON }
COUNTY OF KING } ss.

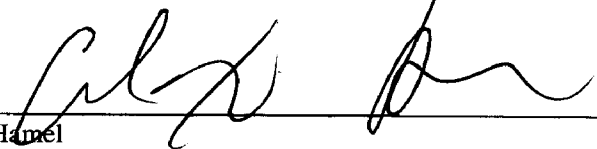
On August 22, 2003 before me, Joshua D. Hug, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person(s) whose name(s) were subscribed to the within instrument, and acknowledged to me that he executed the same in his authorized capacity(ies), and that by his signature(s) on the instrument the person(s), or his or her agent in which the person(s) acted, executed the instrument.

WITNESS my hand and official seal.

[SEAL]


Notary Signature Laurie L. Deitz

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 21 day of August, 2003

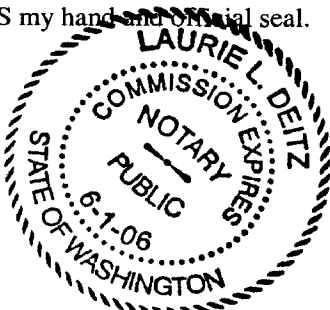

Alain Hamel

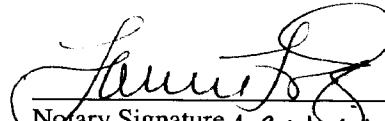
STATE OF WASHINGTON }
COUNTY OF KING } ss.

On August 21, 2003, before me, Alain Hamel, 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.

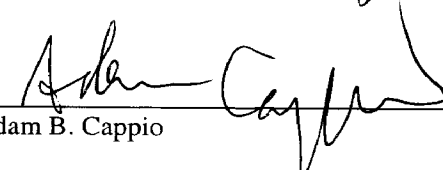
WITNESS my hand and official seal.

[SEAL]




Notary Signature Laurie L. Deitz

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 21st day of August, 2003

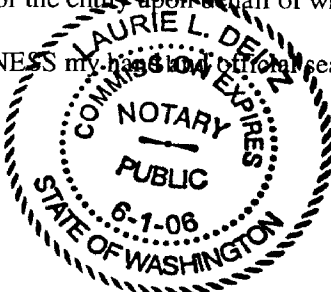

Adam B. Cappio


STATE OF WASHINGTON }
COUNTY OF KING } ss.

On August 21, 2003, before me, Adam B. Cappio, 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.

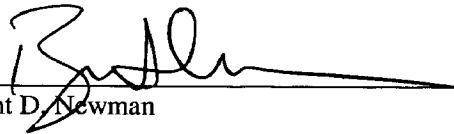
WITNESS my hand and official seal.

[SEAL]




Notary Signature Laurie L. Deitz

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 21 day of August, 2003

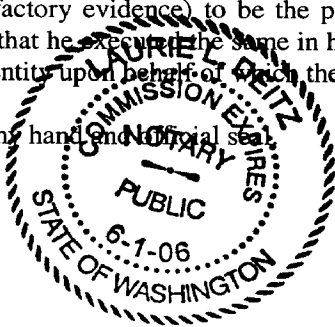

Brent D. Newman

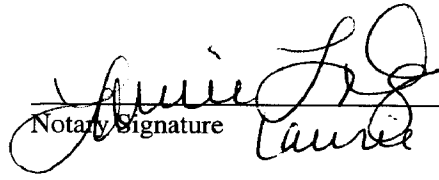
STATE OF WASHINGTON }
COUNTY OF KING } ss.

On August 21, 2003, before me, Brent D. Newman, 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.

[SEAL]




Notary Signature Laurie L. Deib

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of _____, 20__.

Xiaodong Fu

STATE OF _____ }
COUNTY OF _____ } ss.

On _____, before me, _____, 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.

[SEAL]

Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this _____ day of _____, 20__.

Brent D. Newman

STATE OF _____ }
COUNTY OF _____ } ss.

On _____, before me, _____, 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.

[SEAL]

Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 5th day of September, 2003



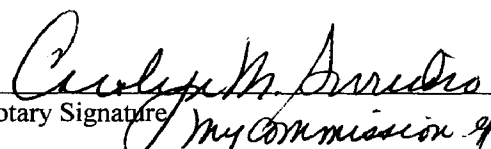
Xiaodong Fu

STATE OF Virginia }
COUNTY OF Fairfax } ss.

On September 5, 2003, before me, XIAODONG FU, 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.

[SEAL]



Notary Signature

My commission expires 1/31/2006

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 2 day of Sept, 2003.

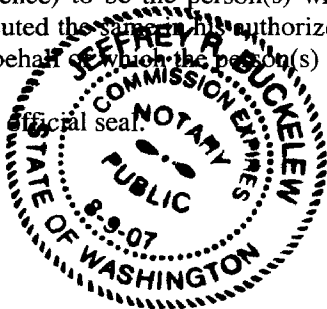
Rahul Agarwal
Rahul Agarwal

STATE OF WASHINGTON }
COUNTY OF KING } ss.

On 9/2/03, before me, JEFF BUCKELEW, 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.

[SEAL]



Jeff R Bucklew
Notary Signature

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 29th day of August, 2003.

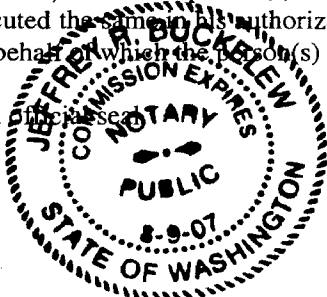
Jeff M. Ayars
Jeffrey M. Ayars

STATE OF WASHINGTON }
COUNTY OF KING } ss.

On AUG. 29, 2003, before me, JEFFREY R. BUCKLEW, 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.

[SEAL]



Jeff R Bucklew
Notary Signature