

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Jae Woong Jeong</td> <td>08/01/2008</td> </tr> <tr> <td>Seop Hyeong Park</td> <td>08/01/2008</td> </tr> <tr> <td>Jong Kyu Ryu</td> <td>08/01/2008</td> </tr> </tbody> </table>		Name	Execution Date	Jae Woong Jeong	08/01/2008	Seop Hyeong Park	08/01/2008	Jong Kyu Ryu	08/01/2008
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Jae Woong Jeong	08/01/2008								
Seop Hyeong Park	08/01/2008								
Jong Kyu Ryu	08/01/2008								
RECEIVING PARTY DATA									
Name:	RealNetworks Asia Pacific Co, Ltd								
Street Address:	K1 Reit Building, 463, Chungjeong-ro-3-ga								
Internal Address:	Seodaemun-gu								
City:	Seoul								
State/Country:	KOREA, REPUBLIC OF								
Postal Code:	120-709								
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>13426411</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13426411				
Property Type	Number								
Application Number:	13426411								
CORRESPONDENCE DATA									
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NAME OF SUBMITTER:	Kory D. Christensen								
Total Attachments: 1 source=Assignment#page1.tif									

OP \$40.00 13426411

ASSIGNMENT

In consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

(1) <u>Jae Woong JEONG</u>	(4) _____
(2) <u>Seop Hyeong PARK</u>	(5) _____
(3) <u>Jong Kyu RYU</u>	(6) _____

who have made a certain new and useful invention, hereby sell, assign and transfer unto

RealNetworks Asia Pacific Co., Ltd. of K1 Reit Building, 463, Chungjeong-ro-3-ga,
Seodaemun-gu, Seoul 120-709, Republic of Korea

its successors and assigns (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

METHOD OF PROCESSING AUDIO SIGNALS FOR IMPROVING THE QUALITY OF
OUTPUT AUDIO SIGNAL WHICH IS TRANSFERRED TO SUBSCRIBER'S TERMINAL
OVER NETWORK AND AUDIO SIGNAL PRE-PROCESSING APPARATUS OF
ENABLING THE METHOD

(a) for which an application for United States Letters Patent was filed on July 3, 2008, and identified by United States Serial No. 12/160,090; or

(b) for which an application for United States Letters Patent was executed on _____,

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals, continuations, or continuations-in-part thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

INVENTORS	DATE SIGNED
1) <u>정 우 봉</u> Name: Jae Woong JEONG	<u>August 1, 2008</u>
2) <u>박 승 형</u> Name: Seop Hyeong PARK	<u>August 1, 2008</u>
3) <u>류 정 기</u> Name: Jong Kyu RYU	<u>August 1, 2008</u>
4) _____ Name: _____	_____
5) _____ Name: _____	_____