

# PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

<b>SUBMISSION TYPE:</b>	CORRECTIVE ASSIGNMENT								
<b>NATURE OF CONVEYANCE:</b>	Corrective Assignment to correct the unlisted second Assignor: Tomonobu Yoshino and the incorrectly listed Assignee: KDDI R&D Laboratories Inc. previously recorded on Reel 024106 Frame 0198. Assignor(s) hereby confirms the mistakes in the recorded Assignment of the unlisted Assignor and incorrectly listed Assignee.								
<b>CONVEYING PARTY DATA</b>									
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Sei Naito</td> <td>03/04/2010</td> </tr> <tr> <td>Tomonobu Yoshino</td> <td>03/04/2010</td> </tr> </tbody> </table>		Name	Execution Date	Sei Naito	03/04/2010	Tomonobu Yoshino	03/04/2010		
Name	Execution Date								
Sei Naito	03/04/2010								
Tomonobu Yoshino	03/04/2010								
<b>RECEIVING PARTY DATA</b>									
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>KDDI R&amp;D Laboratories Inc.</td> </tr> <tr> <td>Street Address:</td> <td>1-15, Ohara 2-chome, Fujimino-shi</td> </tr> <tr> <td>City:</td> <td>Saitama</td> </tr> <tr> <td>State/Country:</td> <td>JAPAN</td> </tr> </table>		Name:	KDDI R&D Laboratories Inc.	Street Address:	1-15, Ohara 2-chome, Fujimino-shi	City:	Saitama	State/Country:	JAPAN
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Street Address:	1-15, Ohara 2-chome, Fujimino-shi								
City:	Saitama								
State/Country:	JAPAN								
<b>PROPERTY NUMBERS Total: 1</b>									
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<b>CORRESPONDENCE DATA</b>									
<p>Fax Number: (612)334-3312</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: 6123343222</p> <p>Email: lswaja@wck.com</p> <p>Correspondent Name: Judson K. Champlin</p> <p>Address Line 1: 900 Second Avenue South</p> <p>Address Line 2: Suite 1400</p> <p>Address Line 4: Minneapolis, MINNESOTA 55402</p>									
<b>ATTORNEY DOCKET NUMBER:</b>	K80.12-0015								
<b>NAME OF SUBMITTER:</b>	Judson K. Champlin								
Total Attachments: 7									

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**PATENT**  
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TO: WESTMAN CHAMPLIN &amp; KELLY, .A. COMPANY: SUITE 1400

## PATENT ASSIGNMENT

Electronic Version v1.1  
Stylesheet Version v1.103/19/2010  
501123881

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Sei Naito	03/04/2010
RECEIVING PARTY DATA	
Name:	KDDI Corporation
Street Address:	1-15, Ohara 2-chome
Internal Address:	Fujimino-shi
City:	Saitama
State/Country:	JAPAN
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12727278
CORRESPONDENCE DATA	
Fax Number:	(612)334-3312
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	612-334-3222
Email:	rviot@wck.com
Correspondent Name:	WESTMAN CHAMPLIN & KELLY, P.A.
Address Line 1:	SUITE 1400
Address Line 2:	900 SECOND AVENUE SOUTH
Address Line 4:	MINNEAPOLIS, MINNESOTA 55402
ATTORNEY DOCKET NUMBER:	K80.12-0015 / JKC
NAME OF SUBMITTER:	Judson K. Champlin
Total Attachments: 1 source=Assignment#page1.tif	

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O: JUDSON K. CHAMPLIN COMPANY: 900 SECOND AVENUE SOUTH

US 103 / 2009 - 0156 USA

**ASSIGNMENT**

Attorney Docket No.

WHEREAS, (I/We), Sei NAITO of c/o KDDI R&D Laboratories Inc., 1-15, Ohara 2-chome, Fujimino-shi, Saitama, Japan and Tomonobu YOSHINO of c/o KDDI R&D Laboratories Inc., 1-15, Ohara 2-chome, Fujimino-shi, Saitama, Japan (hereinafter referred to as ASSIGNOR), joint inventor of an invention entitled

**VIDEO ENCODER AND ITS DECODER**

for Letters Patent filed pursuant to the Patent Cooperation Treaty and designating of the United States, the international application being identifiable in the Receiving Office by Application No. , filed , and/or the application having been executed on even date herewith, and/or being identifiable in the United States Patent and Trademark Office by Application No. , filed ; and

WHEREAS, KDDI R&D Laboratories Inc., a company and existing under the laws of the country of JAPAN, and having offices at 1-15, Ohara 2-chome, Fujimino-shi, Saitama, Japan, ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, to be obtained therefor in the United States;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I transfer to Assignee, its successors and assigns, my entire right, title and interest in and to the invention, the above-identified application, all Letters Patent or similar legal protection issuing thereon in the United States, and I authorize the Director of the United States Patent and Trademark Office to issue the Letters Patent or similar legal protection to the Assignee.

We represent to the Assignee, its successors and assigns, that we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. We, our executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in the United States.

Sei Naito  
Sei NAITO (Inventor)

Date: March 4, 2010

Tomonobu Yoshino  
Tomonobu YOSHINO (Inventor)

Date: March 4, 2010

Koju TANAKA  
(Witness Printed Name)  
Koju Tanaka  
(Witness Signature)

Room 403, Famili-Nishishinjuku, 3-23, Nishishinjuku, 3-chome, Shinjuku-ku, Tokyo 160-0023 JAPAN  
(Witness Address)

**PATENT****RECORDED: 04/26/2010****REEL: 024284 FRAME: 0804**