

## 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>Saori ASAKA</td> <td>12/13/2011</td> </tr> <tr> <td>Takeshi CHUJOH</td> <td>12/13/2011</td> </tr> <tr> <td>Akiyuki TANIZAWA</td> <td>12/14/2011</td> </tr> <tr> <td>Goki YASUDA</td> <td>12/13/2011</td> </tr> <tr> <td>Naofumi WADA</td> <td>12/15/2011</td> </tr> <tr> <td>Takashi WATANABE</td> <td>12/13/2011</td> </tr> </tbody> </table>		Name	Execution Date	Saori ASAKA	12/13/2011	Takeshi CHUJOH	12/13/2011	Akiyuki TANIZAWA	12/14/2011	Goki YASUDA	12/13/2011	Naofumi WADA	12/15/2011	Takashi WATANABE	12/13/2011
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RECEIVING PARTY DATA															
<table border="1"> <tr> <td>Name:</td> <td>KABUSHIKI KAISHA TOSHIBA</td> </tr> <tr> <td>Street Address:</td> <td>1-1, Shibaura 1-chome, Minato-Ku</td> </tr> <tr> <td>City:</td> <td>Tokyo</td> </tr> <tr> <td>State/Country:</td> <td>Japan</td> </tr> <tr> <td>Postal Code:</td> <td>105-8001</td> </tr> </table>		Name:	KABUSHIKI KAISHA TOSHIBA	Street Address:	1-1, Shibaura 1-chome, Minato-Ku	City:	Tokyo	State/Country:	Japan	Postal Code:	105-8001				
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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>13325856</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13325856										
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Application Number:	13325856														
CORRESPONDENCE DATA															
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OP \$40.00 13325856

NAME OF SUBMITTER:

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Total Attachments: 9

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In consideration of value received, I, having a residence as stated below above my name, the sole inventor (if only one name is listed below) or a joint inventor (if plural inventors are listed below) of an invention described in an application for United States patent entitled:

VIDEO ENCODING APPARATUS AND A VIDEO DECODING APPARATUS

have sold and assigned and do hereby sell and assign to  
KABUSHIKI KAISHA TOSHIBA  
~~a Japanese corporation, having a business address at~~  
1-1, Shibaura 1-chome, Minato-ku, Tokyo 105-8001, Japan

its successors, assigns or nominees, hereinafter referred to as "Assignee", my entire right, title and interest in and to said invention as disclosed, shown and described in said United States patent application:

(check one)  executed concurrently herewith  
 executed on \_\_\_\_\_ ;  
 Application No. 13/325,856 , filed December 14, 2011 ;

and in and to all applications for patent and patents for invention including all divisions, reissues, continuations, substitutes and extensions thereof and all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property, including rights of priority, resulting from the filing of any of said applications; and I authorize and request any official whose duty is to issue patents, to issue any patent on said invention or resulting therefrom to said Assignee, and I agree that on request and without further consideration, but at the expense of said Assignee, I will communicate to said Assignee or its representatives all facts known to me respecting said invention and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, continued prosecution, reissue, or other applications, make all rightful oaths and declarations, and generally do everything possible to aid said Assignee to obtain and enforce proper patent protection for said invention.

I hereby grant the following law firm the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the Rules of the U.S. Patent and Trademark Office for recordation of this document.

Oblon, Spivak, McClelland, Maier & Neustadt, L.L.P., 1940 Duke Street Alexandria, VA 22314

ASSIGNMENT

13G050388-USA-A  
(09S0592P1)

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Saori Asaka

December 13, 2011

Date:

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Takeshi Chujoh

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Date:

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Naofumi Wada

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Date:

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Takashi Watanabe  
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*Goki Yasuda*

*December 13, 2011*

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*Naofumi Wada*

Naofumi Wada

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