### PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3059385

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
TAKEHIRO MORIYA	09/30/2014
YUTAKA KAMAMOTO	09/30/2014
NOBORU HARADA	09/30/2014
YUSUKE HIWASAKI	09/30/2014
MASAHIRO FUKUI	09/30/2014

#### **RECEIVING PARTY DATA**

Name:	NIPPON TELEGRAPH AND TELEPHONE CORPORATION
Street Address:	5-1, OTEMACHI 1-CHOME, CHIYODA-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	100-8116

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14391534

#### **CORRESPONDENCE DATA**

**Fax Number:** (703)413-2220

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: (703) 413-3000
Email: mhicks@oblon.com
Correspondent Name: OBLON, SPIVAK, ET AL.
Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	439117US28PCT
NAME OF SUBMITTER:	MARY KATE HICKS
SIGNATURE:	/Mary Kte Hicks/
DATE SIGNED:	10/09/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).

**Total Attachments: 5** source=Assign#page1.tif

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PATENT

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Title of ENCODING METHOD, DECODING METHOD, ENCODER, DECODER, PROGRAM AND RECORDING MEDIUM		
As the below named inventor, I hereby declare that:		
This declaration   The attached application, or		
is directed to: United States application or PCT international application number PCT/JP2013/064209 filed on May 22, 2013		
The above-identified application was made or authorized to be made by me.		
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.		
WHEREAS, NIPPON TELEGRAPH AND TELEPHONE CORPORATION  (hereinafter referred to as "ASSIGNEE") having places of business at: 5-1, Otemachi 1-chome, Chiyoda-ku, Tokyo 100-8116 Japan, is desirous of acquiring the entire right, title and interest in and to said invention and in and to any Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;		
NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby acknowledged, and for other good and valuable consideration, I, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right to the said invention in the United States and its territorial possessions and in all foreign countries (including the right to claim priority under the terms of the International Convention and other relevant International Treaties and Arrangements from the aforesaid application) and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all divisions, reissues, continuations, substitutions and renewals thereof.		
I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me had this Assignment and sale not been made.		
Further, I agree that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said invention in the United States and its territorial possessions and in any and all foreign countries.		
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.		
LEGAL NAME OF INVENTOR		
Inventor: Takehiro MORIYA Date: September 30, 2014  Signature: Takehiro MORIYA		

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

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LEGAL NAME OF INVENTOR		
Inventor: Yutaka KAMAMOTO Date: September 30, 2014		
Signature: Jutable Kamanto		

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LEGAL NAME OF	FINVENTOR	
Inventor: Noboru	HARADA Date: September 30, 2014	
Signature: The	oboru Harada	

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LEGAL NAME OF	F INVENTOR	
Inventor: Yusuke	e HIWASAKI	Date: September 30, 2014
Signature:	h/h // +	

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, L.L.P. ATTORNEYS AT LAW 1940 DUKE STREET

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LEGAL NAME OF	INVENTOR	
Inventor: Masahir	ro FUKUI Date: September 30, 2014	
Signature: Maso	shipo Fuku!	

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> PATENT REEL: 033922 FRAME: 0895

**RECORDED: 10/09/2014**