

PATENT ASSIGNMENT COVER SHEET

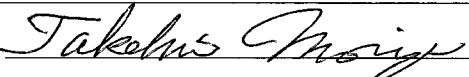
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EPAS ID: PAT4084425

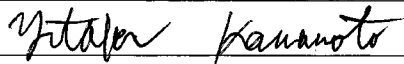
SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
TAKEHIRO MORIYA	08/26/2016
YUTAKA KAMAMOTO	08/26/2016
NOBORU HARADA	08/26/2016
HIROKAZU KAMEOKA	08/26/2016
RYOSUKE SUGIURA	08/26/2016
RECEIVING PARTY DATA	
Name:	NIPPON TELEGRAPH AND TELEPHONE CORPORATION
Street Address:	5-1, OTEMACHI 1-CHOME, CHIYODA-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	100-8116
Name:	THE UNIVERSITY OF TOKYO
Street Address:	3-1, HONGO 7-CHOME, BUNKYO-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	113-8654
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15302094
CORRESPONDENCE DATA	
Fax Number:	(703)413-2220
<i>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.</i>	
Phone:	(703) 413-3000
Email:	tevans@oblon.com
Correspondent Name:	OBLON, ET AL.
Address Line 1:	1940 DUKE STREET
Address Line 4:	ALEXANDRIA, VIRGINIA 22314
ATTORNEY DOCKET NUMBER:	474013US28X PCT

NAME OF SUBMITTER:	TERRY EVANS
SIGNATURE:	/Terry Evans/
DATE SIGNED:	10/05/2016
Total Attachments: 5 source=474013USAssignment#page1.tif source=474013USAssignment#page2.tif source=474013USAssignment#page3.tif source=474013USAssignment#page4.tif source=474013USAssignment#page5.tif	

**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN
APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR MULTIPLE ASSIGNEES**

Title of Invention	FREQUENCY DOMAIN PARAMETER SEQUENCE GENERATING METHOD, ENCODING METHOD, DECODING METHOD, FREQUENCY DOMAIN PARAMETER SEQUENCE GENERATING APPARATUS, ENCODING APPARATUS, DECODING APPARATUS, PROGRAM, AND RECORDING MEDIUM
<p>As the below named inventor, I hereby declare that:</p> <p>This declaration <input type="checkbox"/> The attached application, or</p> <p>is directed to: <input checked="" type="checkbox"/> United States application or PCT international application number <u>PCT/JP2015/054135</u> filed on <u>February 16, 2015</u></p> <p>The above-identified application was made or authorized to be made by me.</p> <p>I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.</p> <p>WHEREAS, <u>NIPPON TELEGRAPH AND TELEPHONE CORPORATION and</u> <u>The University of Tokyo</u></p> <p>(hereinafter referred to as "ASSIGNEES") having places of business at:</p> <p><u>5-1, Otemachi 1-chome, Chiyoda-ku, Tokyo 100-8116 Japan and</u> <u>3-1, Hongo 7-chome, Bunkyo-ku, Tokyo 113-8654 Japan</u>, respectively are desirous of jointly acquiring interests in 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;</p> <p>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 ASSIGNEES, 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.</p> <p>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 ASSIGNEES as the assignees of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, their 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.</p> <p>Further, I agree that I will communicate to said ASSIGNEES or their 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 ASSIGNEES, make all rightful oaths, and, generally do everything possible to aid said ASSIGNEES, their 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.</p> <p>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.</p>	
LEGAL NAME OF INVENTOR	
Inventor: <u>Takehiro MORIYA</u>	Date: <u>August 26, 2016</u>
Signature: <u></u>	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Yutaka KAMAMOTO</u>	Date: <u>August 26, 2016</u>
Signature: <u></u>	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Noboru HARADA</u>	Date: <u>August 26, 2016</u>
Signature: <u>Noboru Harada</u>	

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LEGAL NAME OF INVENTOR	
<p>Inventor: <u>Hirokazu KAMEOKA</u> Date: <u>August 26, 2016</u></p> <p>Signature: <u>電岡弘和 Hirokazu Kameoka</u></p>	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Ryosuke SUGIURA</u>	Date: <u>26 / 8 / 2016</u>
Signature: <u>Ryosuke Sugiura</u>	