

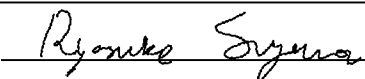
PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT7519183

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RYOSUKE SUGIURA	03/01/2021
TAKEHIRO MORIYA	03/09/2021
YUTAKA KAMAMOTO	07/06/2022
RECEIVING PARTY DATA	
Name:	NIPPON TELEGRAPH AND TELEPHONE CORPORATION
Street Address:	5-1, OTEMACHI 1-CHOME
Internal Address:	CHIYODA-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	1008116
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17908965
CORRESPONDENCE DATA	
Fax Number:	
<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>	
Email:	jacquelyn.slate@faegredrinker.com
Correspondent Name:	FAEGRE DRINKER BIDDLE & REATH
Address Line 1:	1144 15TH STREET, SUITE 3400
Address Line 4:	DENVER, COLORADO 80202
ATTORNEY DOCKET NUMBER:	2021W004US/NTT-0587-01-US
NAME OF SUBMITTER:	TIMOTHY B. SCULL
SIGNATURE:	/Timothy B. Scull, Reg. No. 42137/
DATE SIGNED:	09/02/2022
Total Attachments: 3	
source=2022-09-02-Dec-Assignment-NTT-0587-01-US#page1.tif	
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**DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA
SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE**

Title of Invention	SOUND SIGNAL DOWNMIXING METHOD, SOUND SIGNAL CODING METHOD, SOUND SIGNAL DOWNMIXING APPARATUS, SOUND SIGNAL CODING 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/JP2021/004639</u> filed on <u>February 8, 2021</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</u> (hereinafter referred to as "ASSIGNEE") having places of business at: <u>5-1, Otemachi 1-chome, Chiyoda-ku, Tokyo 100-8116 Japan</u>, 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;</p> <p>NOW, THEREFORE, for good, valuable, and adequate consideration, the receipt of which is hereby acknowledged, 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.</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 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 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 ASSIGNEE or its 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 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>Ryosuke SUGIURA</u>	Date: <u>Mar. 1, 2021</u>
Signature: <u></u>	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Takehiro MORIYA</u>	Date: <u>2021/3/9</u>
Signature: <u>Takehiro Moriya</u>	

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LEGAL NAME OF INVENTOR	
Inventor: <u>Yutaka KAMAMOTO</u>	Date: <u>July 6, 2022</u>
Signature: <u><i>Yutaka Kamamoto</i></u>	