506817812 08/13/2021

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TOSHIKI KISHI	04/07/2021
MUNEHIKO NAGATANI	05/12/2021
HIDEYUKI NOSAKA	04/09/2021

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	17431071

CORRESPONDENCE DATA

Fax Number: (972)732-9218

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: 9727321001

Email: docketing@slatermatsil.com

Correspondent Name: SLATER MATSIL, LLP

Address Line 1: 17950 PRESTON ROAD, SUITE 1000

Address Line 4: DALLAS, TEXAS 75252

ATTORNEY DOCKET NUMBER:	NTT5197245US1
NAME OF SUBMITTER:	CINDY STOUTEN
SIGNATURE:	/Cindy Stouten/
DATE SIGNED:	08/13/2021

Total Attachments: 3

source=NTT5197245US1-Declaration-Assignment#page1.tif source=NTT5197245US1-Declaration-Assignment#page2.tif source=NTT5197245US1-Declaration-Assignment#page3.tif

PATENT 506817812 REEL: 057175 FRAME: 0821

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		
	As the below name	d inventor, I hereby declare that:	
	This declaration	☐The attached application, or	
***************************************	is directed to:	⊠United States application or PCT international application number <u>PCT/JP2020/010768</u> filed on <u>March 12, 2020</u>	
	The above-identifie	d application was made or authorized to be made by me.	
	I believe that I am t	he original inventor or an original joint inventor of a claimed invention in the application.	
	WHEREAS, <u>NIP</u> I	PON TELEGRAPH AND TELEPHONE CORPORATION	
***************************************	(hereinafter referred to as "ASSIGNEE") having places of business at: 5-1, Otemachi 1-chome, Chiyoda-ku, Toki 100-8116 Japan, is desirous of acquiring the entire right, title and interest in and to said invention and in and to at Letters Patent that may be granted therefore in the United States and its territorial possessions and in any and all foreign countries;		
	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 inventio in the United States and its territorial possessions and in all foreign countries (including the right to claim priorit 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 grante therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any an 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 at and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assign of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its successo and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the sam 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 representatives any facts known to me respective 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 Letter Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid sat ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United Stat 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. 10 by fine or imprisonment of not more than five (5) years, or both.		
	LEGAL NAME OF		
	Inventor: Toshiki F	USHI Date: 2021.4.9	
	Tid	VE: 6TOHT	

PATENT

REEL: 057175 FRAME: 0822

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	DML DRIVER	
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 <u>PCT/JP2020/010768</u> filed on <u>March 12, 2020</u>	
The above-identified application was made or authorized to be made by me.			
-	I believe that I am t	he 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, 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.		
	I hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and an and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assigne of my entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its successor and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the sam 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 representatives any facts known to me respectir said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuatio substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Lette Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid sa ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for said invention in the United State 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. 10 by fine or imprisonment of not more than five (5) years, or both. LEGAL NAME OF INVENTOR		
	Inventor: Munehik		
	Signature: 7774	rehiko Nagātoni	

PATENT REEL: 057175 FRAME: 0823

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR SINGLE ASSIGNEE

Invention	DWIL DAIVER	
As the below name	d inventor, I hereby declare that:	
This declaration	☐The attached application, or	
is directed to:	☑United States application or PCT international a filed on March 12, 2020.	application number PCT/JP2020/010768
The above-identifie	ed application was made or authorized to be made by	/ me.
I believe that I am t	the original inventor or an original joint inventor of	a claimed invention in the application.
WHEREAS, NIP	PON TELEGRAPH AND TELEPHONE CORPOR	<u>ATION</u>
(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;		
i, by these presents in the United State under the terms of aforesaid application therefor in the Unit	FORE, for good, valuable, and adequate consideration do sell, assign and transfer unto said ASSIGNEE, the said its territorial possessions and in all foreign of the International Convention and other relevant Internal and the entire right, title and interest in and to arread States and its territorial possessions and in any area, continuations, substitutions and renewals thereof	ne full and exclusive right to the said invention ountries (including the right to claim priority emational Treaties and Arrangements from the y and all Letters Patent which may be granted and all foreign countries and in and to any and
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.		
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.		
	cledge that any willful false statement made in this coment of not more than five (5) years, or both. PINVENTOR	eclaration is punishable under 18 U.S.C. 1001
Inventor: Hideyak	i NOSAKA	Date: April 9, 2021
	leneki Inneka	

PATENT REEL: 057175 FRAME: 0824

RECORDED: 08/13/2021