504435570 06/28/2017

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4482271

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
YOUSUKE TAKAHASHI	06/16/2017
KEISUKE ISHIBASHI	06/16/2017
NORIAKI KAMIYAMA	06/16/2017
KOHEI SHIOMOTO	06/16/2017
YUICHI OHSITA	05/29/2017
MASAYUKI MURATA	05/29/2017

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:	OSAKA UNIVERSITY
Name: Street Address:	OSAKA UNIVERSITY 1-1, YAMADAOKA, SUITA-SHI
Street Address:	1-1, YAMADAOKA, SUITA-SHI

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	15540439	

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: tevans@oblon.com
Correspondent Name: OBLON, ET AL.
Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

PATENT REEL: 042851 FRAME: 0009

504435570

Total Attachments: 6 source=504629USAssignment#page	1.tif
DATE SIGNED:	06/28/2017
SIGNATURE:	/Terry Evans/
NAME OF SUBMITTER:	TERRY EVANS
ATTORNEY DOCKET NUMBER:	504629US

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Title of Invention	MEDIUM 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/JP2016/052147 filed on January 26, 2016		
The above-identifie	ed 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.		
, , ,	NIPPON TELEGRAPH AND TELEPHONE CORPORATION and (2) OSAKA IVERSITY		
Tokyo 100-8116 Jajointly acquiring in	d to as "ASSIGNEES") having places of business at: <u>5-1, Otemachi 1-chome, Chiyoda-ku, APAN and (2) 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN</u> , respectively are desirous of terests in the entire right, title and interest in and to said invention and in and to any Letters Patent I therefore in the United States and its territorial possessions and in any and all foreign countries;		
acknowledged, and said ASSIGNEES, and in all foreign c other relevant Inter interest in and to a	FORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby for other good and valuable consideration, I, by these presents do sell, assign and transfer unto the full and exclusive right to the said invention in the United States and its territorial possessions ountries (including the right to claim priority under the terms of the International Convention and national Treaties and Arrangements from the aforesaid application) and the entire right, title and my and all Letters Patent which may be granted therefor in the United States and its territorial any and all foreign countries and in and to any and all divisions, reissues, continuations, newals thereof.		
any and all foreign assignees of my en their successors an	ze and request the Patent Office Officials in the United States and its territorial possessions and countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the ntire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, d assigns, to the full end of the term for which said Letters Patent may be granted, as fully and a would have been held by me had this Assignment and sale not been made.		
respecting said in continuation, substiall of said Letters possible to aid said	that I will communicate to said ASSIGNEES or their representatives any facts known to me vention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, itute, renewal and reissue applications, execute all necessary assignment papers to cause any and Patent to be issued to said ASSIGNEES, make all rightful oaths, and, generally do everything d ASSIGNEES, their successors and assigns, to obtain and enforce proper protection for said ited States and its territorial possessions and in any and all foreign countries.		
	rledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 ment of not more than five (5) years, or both.		
LEGAL NAME OF	FINVENTOR		
Inventor: Yousuk	e TAKAHASHI Date: June 16, 2017		
Signature: 1/1	ionhe Zahahashi		

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

Title of Invention	EVALUATION DEVICE, EVALUATION METHOD, AND RECORDING MEDIUM
As the below name	d inventor, I hereby declare that:
This declaration [The attached application, or
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I believe that I am t	the original inventor or an original joint inventor of a claimed invention in the application.
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any and all foreign assignees of my en their successors an	ize and request the Patent Office Officials in the United States and its territorial possessions and a countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the ntire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, d assigns, to the full end of the term for which said Letters Patent may be granted, as fully and a would have been held by me had this Assignment and sale not been made.
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LEGAL NAME OF	FINVENTOR
Inventor: Keisuks	PISHIBASHI Date: June 16, 2017
Signature:	esta thetada

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

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	vledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 ment of not more than five (5) years, or both.	
LEGAL NAME O	FINVENTOR	
Inventor: Noriak		
Q:t	house let de la marche	

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

Title of Invention	EVALUATION DEVICE, EVALUATION METHOD, AND RECORDING MEDIUM
As the below nam	ed inventor, I hereby declare that:
This declaration [The attached application, or
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I believe that I am	the original inventor or an original joint inventor of a claimed invention in the application.
U	NIPPON TELEGRAPH AND TELEPHONE CORPORATION and (2) OSAKA NIVERSITY
Tokyo 100-8116 J	red to as "ASSIGNEES") having places of business at: <u>5-1, Otemachi 1-chome, Chiyoda-ku, APAN and (2) 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN</u> , respectively are desirous of interests in the entire right, title and interest in and to said invention and in and to any Letters Patent and therefore in the United States and its territorial possessions and in any and all foreign countries;
acknowledged, an said ASSIGNEES and in all foreign other relevant Inte- interest in and to	GFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby d for other good and valuable consideration, I, by these presents do sell, assign and transfer unto the tenter that the tenter is the said invention in the United States and its territorial possessions countries (including the right to claim priority under the terms of the International Convention and ernational Treaties and Arrangements from the aforesaid application) and the entire right, title and any and all Letters Patent which may be granted therefor in the United States and its territorial in any and all foreign countries and in and to any and all divisions, reissues, continuations, renewals thereof.
any and all foreig assignees of my their successors a	rize and request the Patent Office Officials in the United States and its territorial possessions and in countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEES as the entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEES, and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and ne would have been held by me had this Assignment and sale not been made.
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	wledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 nment of not more than five (5) years, or both.
LEGAL NAME C	OF INVENTOR .
Inventor: Kohei	SHIOMOTO Date: June 16, 2017
Signatura	Shirt

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

Title of Invention	EVALUATION DEVICE, EVALUATION METH MEDIUM	OD, A	AND RE	ECORL	NNG
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 filed on January 26, 2016	numb	er PCT/	/JP2016/	<u>/052147</u>
The above-identified	ed application was made or authorized to be made by me.				
I believe that I am th	the original inventor or an original joint inventor of a claime	d inve	ntion in t	the appli	cation.
, , ,	NIPPON TELEGRAPH AND TELEPHONE CORPORAT IVERSITY	ON an	nd (2) OS	SAKA	
Tokyo 100-8116 JA jointly acquiring int	ed to as "ASSIGNEES") having places of business at: _APAN and (2) 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 terests in the entire right, title and interest in and to said inverse in the United States and its territorial possessions.	JAPAI ention	N , resp and in a	ectively nd to an	are desirous of y Letters Patent
acknowledged, and said ASSIGNEES, t and in all foreign co other relevant Inter- interest in and to a	FORE, in consideration of the sum of FIVE DOLLARS of for other good and valuable consideration, I, by these protection the full and exclusive right to the said invention in the Unit countries (including the right to claim priority under the termational Treaties and Arrangements from the aforesaid apparay and all Letters Patent which may be granted thereform any and all foreign countries and in and to any and enewals thereof.	sents of the second sec	do sell, a tes and it he Intern on) and th United S	ssign ar s territo ational (he entire States ar	nd transfer unto rial possessions Convention and e right, title and and its territorial
any and all foreign assignees of my en their successors and	ize and request the Patent Office Officials in the United State countries to issue any and all of said Letters Patent, when ntire right, title and interest in and to the same, for the sole and assigns, to the full end of the term for which said Letter would have been held by me had this Assignment and sale	n grant use ar s Pate	ted, to sa nd behoo ent may b	aid ASS of of said oe grante	IGNEES as the ASSIGNEES,
respecting said inv continuation, substi all of said Letters I possible to aid said	e that I will communicate to said ASSIGNEES or their revention, and testify in any legal proceeding, sign all litute, renewal and reissue applications, execute all necessa Patent to be issued to said ASSIGNEES, make all rightfid ASSIGNEES, their successors and assigns, to obtain a nited States and its territorial possessions and in any and all	awful y assig al oath ad enf	papers, gnment p s, and, g force pro	execute papers to generally oper pro	all divisional, cause any and do everything
I hereby acknow by fine or imprison	vledge that any willful false statement made in this declarate ament of not more than five (5) years, or both.	on is p	ounishabl	e under	18 U.S.C. 1001
LEGAL NAME OF	F INVENTOR			_	
Inventor: Yuichi	OHSITA Dat	e:	May	29,	2011
Signature: M	woke Ohios				

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P. ATTORNEYS AT LAW

1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

EVALUATION DEVICE, EVALUATION METHOD, AND RECORDING

is directed to: United States application or PCT international application number PCT/JP2016/052147 filed on January 26, 2016
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, (1) NIPPON TELEGRAPH AND TELEPHONE CORPORATION and (2) OSAKA UNIVERSITY
(hereinafter referred to as "ASSIGNEES") having places of business at: 5-1, Otemachi 1-chome, Chiyoda-ku, Tokyo 100-8116 JAPAN and (2) 1-1, Yamadaoka, Suita-shi, Osaka 565-0871 JAPAN, 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;
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.
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.
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.
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: Masayuki MURATA Signature: Masayuki MURATA Date: May 29, 201)

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 042851 FRAME: 0016

RECORDED: 06/28/2017

Title of Invention

Invention MEDIUM

As the below named inventor, I hereby declare that:

This declaration The attached application, or