504135264 12/19/2016

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT4191550

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HIROYUKI NOOKA	10/27/2016
YUJI YAMADA	10/27/2016

RECEIVING PARTY DATA

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

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15320171

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.

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Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	TORNEY DOCKET NUMBER: 480328US	
NAME OF SUBMITTER:	THOMAS TRAUB	
SIGNATURE:	/thomas traub/	
DATE SIGNED:	12/19/2016	

Total Attachments: 2

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PATENT 504135264 REEL: 040672 FRAME: 0659

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	THE TAX DESCRIPTION DEFINED THE CAN	
Invention	ATTACK DETECTION DEVICE, ATTACK ATTACK DETECTION PROGRAM	DETECTION METHOD, AND
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 applifiled on July 2, 2015	ication number PCT/JP2015/069215
The above-identifie	ed application was made or authorized to be made by a	me.
I believe that I am t	he original inventor or an original joint inventor of a	claimed invention in the application.
WHEREAS, NIP.	PON TELEGRAPH AND TELEPHONE CORPORA	TION
<u>100-8116 Japan</u> , is	d to as "ASSIGNEE") having places of business at: _s desirous of acquiring the entire right, title and intere may be granted therefore in the United States and i	est in and to said invention and in and to any
acknowledged, and said ASSIGNEE, th and in all foreign co other relevant Inter- interest in and to a	FORE, in consideration of the sum of FIVE DOLLAR for other good and valuable consideration, I, by the ne full and exclusive right to the said invention in the countries (including the right to claim priority under the national Treaties and Arrangements from the aforesany and all Letters Patent which may be granted the any and all foreign countries and in and to any newals thereof.	se presents do sell, assign and transfer unto United States and its territorial possessions the terms of the International Convention and id application) and the entire right, title and refor in the United States and its territorial
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.		
by fine or imprisonn	ledge that any willful false statement made in this dec nent of not more than five (5) years, or both.	laration is punishable under 18 U.S.C. 1001
LEGAL NAME OF	INVENTOR	
Inventor: Hiroyuki	i NOOKA	Date: Oct. 27, 2016
Signature: Hir	oyuki nooka	

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 040672 FRAME: 0660

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	ATTACK DETECTION DEVICE, ATTACK DETECTION METHOD, AND ATTACK DETECTION PROGRAM
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 PCT/JP2015/069215 filed on July 2, 2015
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.
(hereinafter referred 100-8116 Japan, is	PON TELEGRAPH AND TELEPHONE CORPORATION If to as "ASSIGNEE") having places of business at: 5-1, Otemachi 1-chome, Chiyoda-ku, Tokyo desirous of acquiring the entire right, title and interest in and to said invention and in and to any may be granted therefore in the United States and its territorial possessions and in any and all
acknowledged, and said ASSIGNEE, the and in all foreign co- other relevant Inter- interest in and to as	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 be full and exclusive right to 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 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 assignee of my entire (his) successors and	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 ASSIGNEE as the re right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its assigns, to the full end of the term for which said Letters Patent may be granted, as fully and would have been held by me had this Assignment and sale not been made.
respecting said inv continuation, substit all of said Letters I possible to aid said	that I will communicate to said ASSIGNEE or its (his) representatives any facts known to me ention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, rute, renewal and reissue applications, execute all necessary assignment papers to cause any and Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally do everything ASSIGNEE, its (his) successors and assigns, to obtain and enforce proper protection for said ted States and its territorial possessions and in any and all foreign countries.
I hereby acknowl by fine or imprisonn	edge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 nent of not more than five (5) years, or both.
LEGAL NAME OF	INVENTOR
Inventor: Yuji YA	MADA Date: Oct. 27, 2016
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OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 040672 FRAME: 0661

RECORDED: 12/19/2016