505207751 11/28/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

tylesheet Version VI.2

EPAS ID: PAT5254519

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TATSUYA NIIMI	11/13/2018
TAKASHI MATSUMURA	11/13/2018
TAKUYA SAITO	11/13/2018

RECEIVING PARTY DATA

Name:	RICOH COMPANY, LTD.
Street Address:	3-6, NAKAMAGOME 1-CHOME, OHTA-KU
City:	TOKYO
State/Country:	JAPAN
Postal Code:	143-8555

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16202177

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: mreynolds@oblon.com

Correspondent Name: OBLON, ET AL.

Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	518342US	
NAME OF SUBMITTER:	MORGAN REYNOLDS	
SIGNATURE:	/Morgan Reynolds/	
DATE SIGNED:	11/28/2018	
	This document serves as an Oath/Declaration (37 CFR 1.63).	

Total Attachments: 3

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PATENT 505207751 REEL: 048175 FRAME: 0028

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		PECTION	PHANTOM	AND	METHOD	OF
	MANUFACTURING S	SAME		******		******
As the below named i	nventor, I hereby declare that	*				
This declaration 🛛	The attached application, or					
is directed to:	United States application or	PCT internation	nal application nun	nber		
	filed on	***************************************				
The above-identified	application was made or author	orized to be ma	de by me.			
I believe that I am the	original inventor or an origin	al joint invente	r of a claimed inve	ention in th	e application.	
WHEREAS, Ricol	Company, Ltd.					
<u>143~8555, Japan</u> , is d	as "ASSIGNEE") having plesirous of acquiring the entire be granted therefore in the U	e right, title and	d interest in and to	said inver	ition and in and t	o any
acknowledged, and for ASSIGNEE, the full a all foreign countries (relevant International in and to any and all)	RE, in consideration of the other good and valuable con nd exclusive right to the said including the right to claim parties and Arrangements fracties and Arrangements be cetters Patent which may be reign countries and in and to	sideration, I, by invention in the priority under the om the aforesate granted therefores	y these presents do e United States and he terms of the Int id application) and r in the United Sta	self, assign I its territo ernational the entire tes and its	n and transfer unti- rial possessions of Convention and right, title and in territorial posses	o said and in other terest ssions
and all foreign countri of my entire right, tit successors and assigns	and request the Patent Office es to issue any and all of said le and interest in and to the , to the full end of the term fo seen held by me had this Assi	d Letters Patent same, for the or which said Le	, when granted, to sole use and beho etters Patent may b	said ASSI of of said	GNEE as the ass ASSIGNEE, its	ignee (his)
Purther, 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.						
	dge that any willful false state at of not more than five (5) ye		this declaration is p	ounishable	under 18 U.S.C.	1001
LEGAL NAME OF IN	IVENTOR					
	'A NIIMI	 	Date:	novem	ber 13.20/	8
Signature:	Touya Drieme	٠ <u>ه</u> :				
	400					

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 048175 FRAME: 0029

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	MANUFACTURING SAME
As the below named i	riveritor, I hereby declare that:
	The strached application, or
is directed to:	United States application or PCT international application number
	filed on
The above-identified a	application was made or anthorized 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.
************	r Company, Ltd.
143-8555, Japan, is d	o as "ASSIGNEE") having places of business at: <u>2-6. Nakamagome 1-chome, Ohta-ku. Tokyo</u> lesirons of acquiring the entire right, title and interest in and to said invention and in and to any be granted therefore in the United States and its territorial possessions and in any and all foreign
acknowledged, and for ASSIGNEE, the full a all foreign countries (relevant International in and to any and all I	RE, in consideration of the sun of FIVE DOLLARS (\$5.00), the receipt whereof is hereby rother good and valuable consideration, I, by these presents do sell, assign and transfer unto said and exclusive right to the said invention in the United States and its territorial possessions and in including the right to claim priority under the terms of the International Convention and other Treaties and Arrangements from the aforesaid application) and the entire right, title and interest letters Patent which may be granted therefor in the United States and its territorial possessions reign countries and in and to any and all divisions, reissues, continuations, substitutions and
and all foreign countri of my entire right, tit successors and assigns	and request the Patent Office Officials in the United States and its territorial possessions and any les to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee le and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) to the full end of the term for which said Letters Patent may be granted, as fully and entirely as seen held by me had this Assignment and sale not been made.
respecting said inventi- substitute, renewal and Patent to be issued to ASSIGNEE, its (his) s	at I will communicate to said ASSIGNEE or its (his) representatives any facts known to me on, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, I reissue applications, execute all necessary assignment papers to cause any and all of said Letters asid ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid said successors and assigns, to obtain and enforce proper protection for said invention in the United II possessions and in any and all foreign countries.
	dge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 nt of not more than five (5) years, or both.
LEGAL NAME OF IN	
	HI MATSUMURA Date: Wavember 13. 201 K
Signature: <u>JALA</u>	shi Matsumira

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 048175 FRAME: 0030

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	MANUFACTURING SAME
As the below named i	irventor, I hereby declare that:
This declaration 🗵	The attached application, or
is directed to:	United States application or PCT international application number
	filed on
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, Ricol	n Company, Ltd.
143-8555, Japan, is d	o as "ASSIGNEE") having places of business at: 3-6, Nakamagome 1-chome, Ohta-ku, Tokyo lesirous of acquiring the entire right, title and interest in and to said invention and in and to any y be granted therefore in the United States and its territorial possessions and in any and all foreign
acknowledged, and for ASSIGNEE, the full a all foreign countries (relevant International in and to any and all !	of the sum of FIVE DOLLARS (\$5.00), the receipt whereof is hereby rether good and valuable consideration, I, by these presents do sell, assign and transfer unto said and exclusive right to the said invention in the United States and its territorial possessions and in including the right to claim priority under the terms of the International Convention and other Treaties and Arrangements from the aforesaid application) and the entire right, title and interest Letters Patent which may be granted therefor in the United States and its territorial possessions reign countries and in and to any and all divisions, reissues, continuations, substitutions and
and all foreign countri of my entire right, tit successors and assigns	and request the Patent Office Officials in the United States and its territorial possessions and any ies to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee le and interest in and to the same, for the sole use and behouf of said ASSIGNEE, its (his) is, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as been held by me had this Assignment and sale not been made.
respecting said inventi- substitute, renewal and Patent to be issued to ASSIGNEE, its (his):	nat I will communicate to said ASSIGNEE or its (his) representatives any facts known to me on, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, it reissue applications, execute all necessary assignment papers to cause any and all of said Letters o said ASSIGNEE, make all rightful naths, and, generally do everything possible to aid said successors and assigns, to obtain and enforce proper protection for said invention in the United all possessions and in any and all foreign countries.
	dge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 at of not more than five (5) years, or both.
LEGAL NAME OF I	IVENTOR
Inventor: TAKUY	ASATTO Date: Inventen 13.248
Signature:	syn Enito
	A.T

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 048175 FRAME: 0031

RECORDED: 11/28/2018