505168790 10/31/2018

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT5215558

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
HIDEAKI NOMURA	10/10/2018
JOJI ISOZUMI	10/12/2018
NOBUYUKI NAKANE	10/15/2018
KUNIYASU NAKANE	10/10/2018

RECEIVING PARTY DATA

Name:	FUJI CORPORATION
Street Address:	19, CHAUSUYAMA, YAMAMACHI
City:	CHIRYU, AICHI
State/Country:	JAPAN
Postal Code:	472-8686

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16097953

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

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	517308US
NAME OF SUBMITTER:	ANALIZA STEPINA
SIGNATURE:	/Analiza Stepina/
DATE SIGNED:	10/31/2018

Total Attachments: 4

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PATENT 505168790 REEL: 047370 FRAME: 0335

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Title of Invention	ASSISTING DEVICE	
As the below name	d inventor, I hereby declare that:	
This declaration	The attached application, or	
is directed to:	United States application or PCT inte filed on May 17, 2016	rnational application number PCT/JP2016/064649
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 472-8686, Japan, is	s desirous of acquiring the entire right,	business at: 19, Chausuyama, Yamamachi, Chiryu, Aichi title and interest in and to said invention and in and to any ates and its territorial possessions and in any and all foreign
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 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.		
and all foreign coun of my entire right, successors and assign	ntries to issue any and all of said Letter title and interest in and to the same,	s in the United States and its territorial possessions and any Patent, when granted, to said ASSIGNEE as the assignee for the sole use and behoof of said ASSIGNEE, its (his) the said Letters Patent may be granted, as fully and entirely ent 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.		
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: Hideaki	NOMURA	Date: October 10, 2018
Signature:	teaki Nomura	

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

Title of Invention	ASSISTING DEVICE	
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/JP2016/064649 filed on May 17, 2016	
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.	
472-8686, Japan, is	I CORPORATION I to as "ASSIGNEE") having places of business at: 19, Chausuyama, Yamamachi, Chiryu, Aichi s 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 foreign	
acknowledged, and ASSIGNEE, the ful all foreign countries relevant Internation in and to any and al	ORE, 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 said I and exclusive right to the said invention in the United States and its territorial possessions and in a (including the right to claim priority under the terms of the International Convention and other al Treaties and Arrangements from the aforesaid application) and the entire right, title and interest I Letters Patent which may be granted therefor in the United States and its territorial possessions foreign countries and in and to any and all divisions, reissues, continuations, substitutions and	
and all foreign coun of my entire right, successors and assig	e and request the Patent Office Officials in the United States and its territorial possessions and any tries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its (his) ms, to the full end of the term for which said Letters Patent may be granted, as fully and entirely 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.		
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: Joji ISO		
Signature: \(\sigma\)	zji Isozumi	

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

Title of ASSISTING DEVICE Invention	
As the below named inventor, I hereby declare that:	
This declaration The attached application, or	
is directed to:	
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, FUJI CORPORATION (hereinafter referred to as "ASSIGNEE") having places of business at: 19, Chausuyama, Yamamachi, Chiryu, Aichi 472-8686, 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, 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 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 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.	
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: Nobuyuki NAKANE Date: October 15, 2018	
Signature: Nobuyuki Nahane	

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

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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 May 17, 2016	PCT/JP2016/064649
The above-identifie	ed application was made or authorized to be made by r	ne.
I believe that I am t	he original inventor or an original joint inventor of a	claimed invention in the application.
(hereinafter referred 472-8686, Japan, is	I CORPORATION If to as "ASSIGNEE") having places of business at: 1 Is desirous of acquiring the entire right, title and interest and be granted therefore in the United States and its terms.	est in and to said invention and in and to any
acknowledged, and ASSIGNEE, the ful all foreign countries relevant Internations in and to any and al	FORE, in consideration of the sum of FIVE DOLLAR for other good and valuable consideration, I, by these all and exclusive right to the said invention in the Unite is (including the right to claim priority under the term al Treaties and Arrangements from the aforesaid appled I Letters Patent which may be granted therefor in the foreign countries and in and to any and all division	presents do sell, assign and transfer unto said of States and its territorial possessions and in as of the International Convention and other ication) and the entire right, title and interest united States and its territorial possessions
and all foreign coun of my entire right, successors and assig	te and request the Patent Office Officials in the United ntries to issue any and all of said Letters Patent, when title and interest in and to the same, for the sole usings, to the full end of the term for which said Letters nave been held by me had this Assignment and sale not be to the term of the term for which said Letters have been held by me had this Assignment and sale not the term of the term for which said Letters have been held by me had this Assignment and sale not the term of the t	granted, to said ASSIGNEE as the assignee se and behoof of said ASSIGNEE, its (his) Patent may be granted, as fully and entirely
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.		
	ledge that any willful false statement made in this dec ment of not more than five (5) years, or both.	slaration is punishable under 18 U.S.C. 1001
LEGAL NAME OF	INVENTOR	
Inventor: Kuniyas	su NAKANE	Date: October 10,2018
Signature: Kuniy	rasu Nakane	

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 047370 FRAME: 0340

RECORDED: 10/31/2018