PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

EPAS ID: PAT4841291

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RYUICHI SHIRAISHI	02/13/2018
YURIKO KAIDA	02/10/2018
YOSHINORI IGUCHI	02/06/2018
YUKIHIRO TAO	02/02/2018

RECEIVING PARTY DATA

Name:	ASAHI GLASS COMPANY, LIMITED
Street Address:	5-1, Marunouchi 1-chome, Chiyoda-ku
City:	Tokyo
State/Country:	Japan
Postal Code:	100-8405

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15905880

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.

(703) 413-3000 Phone:

Email: mkocijanski@oblon.com

Correspondent Name: OBLON, ET AL. Address Line 1: 1940 DUKE STREET

Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	511605US
NAME OF SUBMITTER:	MEGHAN KOCIJANSKI
SIGNATURE:	/Meghan Kocijanski/
DATE SIGNED:	02/27/2018
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 4

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PATENT REEL: 045044 FRAME: 0677

504794559

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Title of Invention	TRANSPARENT SCREEN, TRANSPARENT SCREEN ASSEMBLY,
MACHION	MANUFACTURING METHOD OF TRANSPARENT SCREEN, AND MANUFACTURING METHOD OF TRANSPARENT SCREEN ASSEMBLY
As the below name	d inventor, I hereby declare that:
	The attached application, or
is directed to:	United States application or PCT international application number
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.
(hereinafter referre Tokyo 100-8405 Ja	hi Glass Company, Limited d to as "ASSIGNEE") having places of business at: 5-1, Marunouchi 1-chome, Chiyoda-ku, upan, is desirous of acquiring the entire right, title and interest in and to said invention and in and nt that may be granted therefore in the United States and its territorial possessions and in any and s;
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.	
	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	r
Inventor: Ryuichi	SHIRAISHI Date: Hab. 13, 2018
Signature: Ry	aich Skiraish

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

Invention MA	ANSPARENT SCREEN, TRAN NUFACTURING METHOD O NUFACTURING METHOD O	F TRANSPARENT S	SCREEN, AND
	entor, I hereby declare that:		
This declaration The	attached application, or		
	ited States application or PCT internated on	tional application numb	er
The above-identified app	olication was made or authorized to b	e made by me.	
I believe that I am the or	iginal inventor or an original joint inv	ventor of a claimed inve	ntion in the application.
Tokyo 100-8405 Japan,	ass Company, Limited as "ASSIGNEE") having places of is desirous of acquiring the entire rig t may be granted therefore in the Un	ght, title and interest in a	and to said invention and in and
acknowledged, and for c said ASSIGNEE, the ful and in all foreign countri other relevant Internation interest in and to any ar	in consideration of the sum of FI other good and valuable consideration and exclusive right to the said inverses (including the right to claim prior and Treaties and Arrangements from and all Letters Patent which may be and all foreign countries and in a statement.	n, I, by these presents dution in the United State ity under the terms of the the aforesaid application granted therefor in the	do sell, assign and transfer unto es and its territorial possessions he International Convention and n) and the entire right, title and United States and its territorial
any and all foreign cour assignee of my entire rig (his) successors and assi	d request the Patent Office Officials tries to issue any and all of said Le ht, title and interest in and to the sar gns, to the full end of the term for d have been held by me had this Ass	etters Patent, when gran ne, for the sole use and which said Letters Pater	ated, to said ASSIGNEE as the behoof of said ASSIGNEE, its nt may be granted, as fully and
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.			
	that any willful false statement made of not more than five (5) years, or bo		unishable under 18 U.S.C. 1001
LEGAL NAME OF INV	ENTOR		- /
Inventor: Yuriko KAID	A ,	Date:	eb. 10.2018
Signature:	The grand		

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

1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

Title of Invention	TRANSPARENT SCREEN, TRANSPARENT SCREEN ASSEMBLY,	
THY CHIROIR,	MANUFACTURING METHOD OF TRANSPARENT SCREEN, AND MANUFACTURING METHOD OF TRANSPARENT SCREEN ASSEMBLY	
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 filed on	
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 Tokyo 100-8405 Ja	ni Glass Company, Limited 1 to as "ASSIGNEE") having places of business at: 5-1, Marunouchi 1-chome, Chiyoda-ku, pan, is desirous of acquiring the entire right, title and interest in and to said invention and in and at that may be granted therefore in the United States and its territorial possessions and in any and it;	
acknowledged, and said ASSIGNEE, the and in all foreign conther relevant Interninterest in and to a	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 e full and exclusive right to the said invention in the United States and its territorial possessions puntries (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 may 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.	
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 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: Yoshino	ri IGUCHI Date: Feb. 6, 2018	
Signature: Yo	shinori Igushi	

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

Title of	TRANSPARENT SCREEN, TRANSPARENT SCREEN ASSEMBLY,	
Invention	MANUFACTURING METHOD OF TRANSPARENT SCREEN, AND	
A a the below now	MANUFACTURING METHOD OF TRANSPARENT SCREEN ASSEMBLY ed inventor, I hereby declare that:	
	•	
This declaration	The attached application, or	
is directed to:	United States application or PCT international application number	
The above-identifi	ied 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.	
(hereinafter referre Tokyo 100-8405 J	ahi Glass Company, Limited ed to as "ASSIGNEE") having places of business at: 5-1, Marunouchi 1-chome, Chiyoda-ku, (apan, is desirous of acquiring the entire right, title and interest in and to said invention and in and ent that may be granted therefore in the United States and its territorial possessions and in any and es;	
acknowledged, and said ASSIGNEE, t and in all foreign of other relevant Inte- interest in and to a	FORE, 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 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 emational 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, enewals thereof.	
any and all foreign assignee of my ent (his) successors an	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 ASSIGNEE as the tire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE, its ad assigns, to the full end of the term for which said Letters Patent may be granted, as fully and e would have been held by me had this Assignment and sale not been made.	
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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 OF		
Inventor: Yukihir	ro TAO Date: 2/2/20/8	
Signature: Yu	kihir Jas	

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 045044 FRAME: 0682

RECORDED: 02/27/2018