PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
TOMONARI YOSHIMURA	08/12/2015
KENJI YAGI	08/12/2015
JUNICHI IKENO	08/12/2015

RECEIVING PARTY DATA

Name:	MITSUBISHI RAYON CO., LTD.	
Street Address:	1-1, MARUNOUCHI 1-CHOME	
City:	CHIYODA-KU, TOKYO	
State/Country:	JAPAN	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14768905

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: MGUILD@oblon.com
Correspondent Name: OBLON, ET AL.
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Address Line 4: ALEXANDRIA, VIRGINIA 22314

ATTORNEY DOCKET NUMBER:	457650US99PCT
NAME OF SUBMITTER:	MELISSA GUILD
SIGNATURE:	/Melissa Guild/
DATE SIGNED:	08/19/2015
	This document serves as an Oath/Declaration (37 CFR 1.63).

Total Attachments: 3

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PATENT 503442910 REEL: 036362 FRAME: 0404

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR MULTIPLE ASSIGNEES

Title of	THERMOPLASTIC RESIN SHAPED-ART	
Invention	MANUFACTURING THE SAME, THERM LIGHT SOURCE DEVICE, AND LIQUID (,
As the below name	d inventor, I hereby declare that:	RISTAL DISTLAT DEVICE
	_	
	The attached application, or	
is directed to:	United States application or PCT international appl filed on February 24, 2014	
The above-identifie	ed application was made or authorized to be made by	me.
I believe that I am th	he original inventor or an original joint inventor of a	claimed invention in the application.
	SUBISHI RAYON CO., LTD.	
Tokyo, Japan, resp said invention and	d to as "ASSIGNEES") having places of business a pectively are desirous of jointly acquiring interests in in and to any Letters Patent that may be granted the any and all foreign countries;	n the entire right, title and interest in and to
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 DOLL for other good and valuable consideration, I, by the the 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 aforest my and all Letters Patent which may be granted the any and all foreign countries and in and to any newals thereof.	ese presents do sell, assign and transfer unto the United States and its territorial possessions the terms of the International Convention and aid application) and the entire right, title and erefor in the United States and its territorial
any and all foreign assignees of my en their successors and	ze and request the Patent Office Officials in the Unicountries to issue any and all of said Letters Patentitire right, title and interest in and to the same, for the dassigns, to the full end of the term for which said to would have been held by me had this Assignment a	t, when granted, to said ASSIGNEES as the ne sole use and behoof of said ASSIGNEES, Letters Patent may be granted, as fully and
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.		
	rledge that any willful false statement made in this de ment of not more than five (5) years, or both.	claration is punishable under 18 U.S.C. 1001
LEGAL NAME OF	INVENTOR	August 12, 2015
Inventor: Tomona	ari YOSHIMURA	Date:
Signature:	monari Yashimura	

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 036362 FRAME: 0405

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR MULTIPLE ASSIGNEES

Title of Invention	THERMOPLASTIC RESIN SHAPED-ARTI MANUFACTURING THE SAME, THERMO LIGHT SOURCE DEVICE, AND LIQUID C	OPLASTIC RESIN LIGHT GUIDE,
As the below name	d inventor, I hereby declare that:	KISTAL DISTLAT DEVICE
	The attached application, or	
is directed to:	United States application or PCT international applified on February 24, 2014	ication number PCT/JP2014/054269
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.
	TSUBISHI RAYON CO., LTD.	
Tokyo, Japan, resp said invention and	d to as "ASSIGNEES") having places of business a pectively are desirous of jointly acquiring interests in in and to any Letters Patent that may be granted the any and all foreign countries;	n the entire right, title and interest in and to
acknowledged, and said ASSIGNEES, and in all foreign co other relevant Inter- interest in and to a	FORE, in consideration of the sum of FIVE DOLL. for other good and valuable consideration, I, by the the 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 aforesa may and all Letters Patent which may be granted the any and all foreign countries and in and to any mewals thereof.	see presents do sell, assign and transfer unto e United States and its territorial possessions he terms of the International Convention and tid application) and the entire right, title and exercise in the United States and its territorial
any and all foreign assignees of my er their successors and	ze and request the Patent Office Officials in the Unicountries to issue any and all of said Letters Patent after right, title and interest in and to the same, for the dassigns, to the full end of the term for which said to would have been held by me had this Assignment as	t, when granted, to said ASSIGNEES as the se sole use and behoof of said ASSIGNEES, Letters Patent may be granted, as fully and
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.		
	rledge that any willful false statement made in this dement of not more than five (5) years, or both.	claration is punishable under 18 U.S.C. 1001
LEGAL NAME OF	INVENTOR	August 12, 2015
Inventor: Kenji Y		Date:
Z/	and Maria	•

OBLON, McCLELLAND, MAIER & NEUSTADT, L.L.P.
ATTORNEYS AT LAW
1940 DUKE STREET
ALEXANDRIA, VIRGINIA 22314

PATENT REEL: 036362 FRAME: 0406

DECLARATION (37 CFR 1.63) FOR UTILITY OR DESIGN APPLICATION USING AN APPLICATION DATA SHEET (37 CFR 1.76) AND ASSIGNMENT FOR MULTIPLE ASSIGNEES

Title of Invention		IAPED-ARTICLE, METHOD OF ME, THERMOPLASTIC RESIN LIGHT GUIDE,
	LIGHT SOURCE DEVICE, AN	D LIQUID CRYSTAL DISPLAY DEVICE
As the below name	d inventor, I hereby declare that:	and the second s
This declaration	The attached application, or	
is directed to:	United States application or PCT in filed on February 24, 2014	ternational application number PCT/JP2014/054269
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 joir	nt inventor of a claimed invention in the application.
WHEREAS, MIT	TSUBISHI RAYON CO., LTD.	
Tokyo, Japan, resp said invention and	pectively are desirous of jointly acqui	es of business at: 1-1, Marunouchi 1-Chome, Chiyoda-ku, iring interests in the entire right, title and interest in and to be granted therefore in the United States and its territorial
acknowledged, and said ASSIGNEES, and in all foreign co other relevant Inter- interest in and to a	for other good and valuable consider the full and exclusive right to the said ountries (including the right to claim p national Treaties and Arrangements f my and all Letters Patent which may any and all foreign countries and	of FIVE DOLLARS (\$5.00), the receipt whereof is hereby ration, I, by these presents do sell, assign and transfer unto invention in the United States and its territorial possessions priority under the terms of the International Convention and from the aforesaid application) and the entire right, title and to be granted therefor in the United States and its territorial in and to any and all divisions, reissues, continuations,
any and all foreign assignees of my er their successors and	countries to issue any and all of said	cials in the United States and its territorial possessions and d Letters Patent, when granted, to said ASSIGNEES as the the same, for the sole use and behoof of said ASSIGNEES, for which said Letters Patent may be granted, as fully and s 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.		
	rledge that any willful false statement ment of not more than five (5) years, or	made in this declaration is punishable under 18 U.S.C. 1001 or both.
LEGAL NAME OF	INVENTOR	August 12 2015
Inventor: Junichi I	KENO	August 12, 2015 Date:
Signature:	Q. (Choeno	

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

ATTORNEYS AT LAW 1940 DUKE STREET ALEXANDRIA, VIRGINIA 22314

> PATENT REEL: 036362 FRAME: 0407

RECORDED: 08/19/2015