

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
CRAIG MOE	10/19/2016
JAMES R. GRANDUSKY	09/28/2016
SHAWN R. GIBB	09/30/2016
LEO J. SCHOWALTER	09/28/2016
KOSUKE SATO	10/05/2016
TOMOHIRO MORISHITA	10/18/2016
RECEIVING PARTY DATA	
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State/Country:	NEW YORK
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15587879
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ATTORNEY DOCKET NUMBER:	CIS-024BC1
NAME OF SUBMITTER:	MATTHEW THOMAS CURRIE
SIGNATURE:	/MATTHEW THOMAS CURRIE/
DATE SIGNED:	05/09/2017

Total Attachments: 7

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PATENT APPLICATION

Assignment

For good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned, co-inventors, hereinafter referred to as Assignors:

CRAIG MOE

JAMES R. GRANDUSKY

SHAWN R. GIBB

LEO J. SCHOWALTER

KOSUKE SATO

TOMOHIRO MORISHITA

Who have created a certain invention for which an application for United States Letters Patent entitled "**ULTRAVIOLET LIGHT-EMITTING DEVICES INCORPORATING GRADED LAYERS AND COMPOSITIONAL OFFSETS**", was filed at the U.S. Patent and Trademark Office on **September 16, 2016** and assigned U.S. Patent Application Serial No. **15/267,470**.

Do hereby sell, assign and transfer to **Crystal IS, Inc.**, a corporation, having a place of business at 70 Cohoes Avenue, Green Island, NY 12183, its successors, assigns, and legal representatives, the full and exclusive right to said invention and said application and to any and all inventions described in said invention and said application and to any and all inventions described in said application for the United States, its territorial possessions and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States, its territorial possessions and all foreign countries; and in and to any and all provisionals, non-provisionals, continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, and all other applications for Letters Patent relating thereto which have been or shall be filed in the United States, its territorial possession and/or any foreign countries, and all rights, together with all priority rights, under any of the international conventions, unions, agreements, act, and treaties, including all future conventions, unions, agreements, acts, and treaties;

Agree that **Crystal IS, Inc.**, hereinafter referred to as Assignee, may apply for and receive Letters Patent for said invention and said inventions, hereinafter referred to as said invention, in its own name, in the United States, its territorial possessions, and all foreign countries; and that, when requested to carry out in good faith the intent and purpose of this assignment, at the expense of said Assignee, its successors, assigns and legal representatives, the undersigned will execute all non-provisionals, continuations-in-part, continuations, divisions, substitutes, reissues, extensions thereof, execute all rightful oaths, assignments, powers of attorney and other papers, testify in any legal or quasi legal proceedings; communicate to said Assignee, its successors, assigns or legal representatives all facts known to the undersigned relating to said invention and

the history thereof; and generally do everything possible which said Assignee, its successors, assigns, or legal representatives shall consider desirable for aiding in securing, maintaining and enforcing proper patent protection for said invention and for vesting title to said invention and all applications for patents on said invention in said Assignee, successors, assigns, or legal representatives; and

Covenant with said Assignee, its successors, assigns, or legal representatives that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same has herein expressed is possessed by the undersigned.

Assignors hereby grant the following individuals the power to insert on this Assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document:

MORGAN, LEWIS & BOCKIUS LLP

Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

IN THE TESTIMONY WHEREOF, we have hereunto set our signatures on the date indicated below.



CRAIG MOE

Date: October 19, 2016

United States of America)
State of _____) ss.:
County of _____)

On this _____ day of _____, _____, before me personally came CRAIG MOE, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public



JAMES R. GRANDUSKY

Date: 9/28/16

United States of America)
State of _____) ss.:
County of _____)

On this _____ day of _____, before me
personally came JAMES R. GRANDUSKY, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.

Notary Public



SHAWN R. GIBB

Date: 9/30/2016

United States of America)
State of _____) ss.:
County of _____)

On this _____ day of _____, _____, before me personally came SHAWN R. GIBB, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public



LEO SCHOWALTER

Date: 9/25/14

United States of America)
State of _____) ss.:
County of _____)

On this _____ day of _____, before me
personally came LEO SCHOWALTER, to me known to be the individual
described in and who executed the foregoing instrument, and acknowledged execution
of the same.

Notary Public

Kosuke Sato
KOSUKE SATO

Date: October 05, 2016

United States of America)
State of Tokyo) ss.:
County of Japan)

On this _____ day of _____, _____, before me personally came KOSUKE SATO, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Tomohito Morishita

TOMOHIRO MORISHITA

Date: 10/18 / 2016

United States of America)
State of _____) ss.:
County of _____)

On this _____ day of _____, _____, before me personally came **TOMOHIRO MORISHITA**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public