

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
ROBERT T. BONDOKOV	01/09/2019
JIANFENG CHEN	01/10/2019
KEISUKE YAMAOKA	11/21/2018
SHICHAO WANG	11/21/2018
SHAILAJA P. RAO	01/09/2019
TAKASHI SUZUKI	11/21/2018
LEO J. SCHOWALTER	11/21/2018
RECEIVING PARTY DATA	
Name:	CRYSTAL IS, INC.
Street Address:	70 COHOES AVENUE
City:	GREEN ISLAND
State/Country:	NEW YORK
Postal Code:	12183
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17181138
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ATTORNEY DOCKET NUMBER:	CIS-033AC1/107509-5034
NAME OF SUBMITTER:	MATTHEW T. CURRIE
SIGNATURE:	/Matthew T. Currie/
DATE SIGNED:	08/09/2023

Total Attachments: 8

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PATENT APPLICATION
Assignment

For good and valuable consideration, the receipt of which is hereby acknowledged, we, the undersigned, inventors:

ROBERT T. BONDOKOV

JIANFENG CHEN

KEISUKE YAMAOKA

SHICHAO WANG

SHAILAJA P. RAO

TAKASHI SUZUKI

LEO J. SCHOWALTER

hereinafter referred to as "Assignors"

have made an invention(s) (the "Invention(s)") set forth in an application for patent entitled "**LARGE, UV-TRANSPARENT ALUMINUM NITRIDE SINGLE CRYSTALS,**" and which is a United States non-provisional application bearing Application No. 16/185,830 and filed on November 9, 2018 and set forth in an application for patent entitled "**THERMAL CONTROL FOR FORMATION AND PROCESSING OF ALUMINUM NITRIDE**" which is a United States non-provisional application bearing Application No. 16/185,832 and filed on November 9, 2018 and set forth in an application for patent entitled "**LARGE, UV-TRANSPARENT ALUMINUM NITRIDE SINGLE CRYSTALS AND METHODS OF FORMING THEM**" which is a United States International application bearing Application No. PCT/US2018/60064 and filed on November 9, 2018;

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 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 nonprovisionals, 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(s) 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 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 as herein expressed is possessed by the undersigned.

Assignor hereby grants 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

Assignor acknowledges an obligation of assignment of this invention to Assignee at the time the invention was made.

IN THE TESTIMONY WHEREOF I have hereunto set my signature on the date indicated below.



ROBERT T. BONDOKOV

Date: 01/09/2019

Witness:

Date:

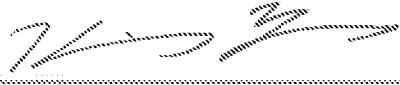


JIANFENG CHEN

Date: 1/10/2019

Witness:

Date:


.....
KEISUKE YAMAOKA

Date: 11 / 21 / 2018

Witness:

.....
Date:


SHICHAO WANG

Date: 1-21-2018

Witness:

Date: _____

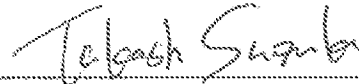
Shailaja Rao
SHAILAJA P. RAO

Date: 1/9/2019

Witness:

Date:

Assignment for: 16/185,830, 16/185,832 & PCT/US2018/60064
Attorney Docket No. CIS-033A, CIS-033B & CIS-033PC


TAKASHI SUZUKI

Date: 11/21/2018

Witness:

Date:



LEO J. SCHOWALTER

Date: 11/21/18

Witness:

Date: