

01-02-2003

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U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

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To the Honorable Commissioner of Pat.

102326935

Please record the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Leo J. SCHOWALTER  
Glen A. SLACK  
J. Carlos ROJO

12/20/02

## 2. Name and address of receiving party(ies):

Name: Crystal IS, Inc.

Internal Address: \_\_\_\_\_

Street Address: 25 Cord Drive

City: Latham

State: NY

ZIP: 12110

Additional names(s) of conveying party(ies)

☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other \_\_\_\_\_

Execution Date: 12/20/2002

Additional name(s) & address(es) attached? ☐ Yes ☒ No

## 4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is: 12/20/2002

A. Patent Application No.(s)

B. Patent No.(s)

12/24/2002 HLE333 00000001 10324998

04 FC:8021

40.00 DP

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Richard L. Sampson

Internal Address: Sampson &amp; Associates, P.C.

Street Address: 50 Congress Street

City: Boston

State: MA ZIP: 02109

## 6. Total number of applications and patents involved:

1

## 7. Total fee (37 CFR 3.41):.....\$ 40.00

☒ Enclosed - Any excess or insufficiency should be credited or debited to deposit account☐ Authorized to be charged to deposit account

## 8. Deposit account number:

50-0734

(Attach duplicate copy of this page if paying by deposit account)

DO NOT USE THIS SPACE

## 9. Statement and signature.

To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Richard L. Sampson

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: ☐

Docket No.: 1158.002

**ASSIGNMENT OF PATENT RIGHTS**

WHEREAS the undersigned inventor/s, **Leo J. Schowalter, Glen A. Slack, and J. Carlos Rojo** has/have made an invention or discovery described and set forth in U.S. Provisional Application Serial No. 60/344,672, filed December 24, 2001, and in an application for U.S. LETTERS PATENT identified by Attorney docket no.: 1158.002 and entitled **METHOD AND APPARATUS FOR PRODUCING LARGE, SINGLE-CRYSTALS OF ALUMINUM NITRIDE** executed prior to or contemporaneously herewith, and

WHEREAS CRYSTAL IS, INC., a corporation duly organized and existing under the laws of the State of New York and having its principal place of business at Latham, NY is desirous of acquiring the entire right, title, and interest in and to said applications and the invention/s or discovery/ies described therein and in and to any and all LETTERS PATENT that may be issued thereon in the UNITED STATES OF AMERICA and in any foreign country:

NOW THEREFORE, in consideration of the sum of one dollar and other valuable considerations, receipt of which is hereby acknowledged, the undersigned inventor/s hereby sell, assign, and transfer unto the said Crystal IS, Inc. and its successors and assigns the entire right, title, and interests in and to said applications and the invention or discovery therein described, together with the entire right, title, and interest in and to all LETTERS PATENT, including reissues, divisions, renewals, continuations and continuations-in-part or other derived applications thereof which may be obtained in the UNITED STATES OF AMERICA upon said invention or discovery, and the entire right, title, and interest in and to all applications for LETTERS PATENT in all countries foreign to the United State, and all LETTERS PATENT issued thereon, including the right to claim for any corresponding foreign application the priority of the said application.

The undersigned inventor/s hereby authorize and request the COMMISSIONER OF PATENTS of the UNITED STATES of AMERICA and the corresponding Officers of Foreign Governments to issue all LETTERS PATENT granted thereon in accordance with this assignment.

- 1 -

Docket No. 1158.002

The undersigned inventor/s furthermore agree to sign all papers and do all reasonable acts necessary to obtain and defend such LETTERS PATENT and to vest the title thereto in the assignee named herein, but without expense to ourselves.

First inventor signature *Leo J. Schowalter*  
Leo J. Schowalter

Witness *Rachael Chui* Date *12/20/2002*

Second inventor signature *Glen A. Slack*  
Glen A. Slack

Witness *Rachael Chui* Date *Dec 20, 2002*

Second inventor signature \_\_\_\_\_  
J. Carlos Rojo

Witness \_\_\_\_\_ Date \_\_\_\_\_

Docket No. 1158.002

The undersigned inventor/s furthermore agree to sign all papers and do all reasonable acts necessary to obtain and defend such LETTERS PATENT and to vest the title thereto in the assignee named herein, but without expense to ourselves.

First inventor signature \_\_\_\_\_  
Leo J. Schowalter

Witness \_\_\_\_\_ Date \_\_\_\_\_

Second inventor signature \_\_\_\_\_  
Glen A. Slack

Witness \_\_\_\_\_ Date \_\_\_\_\_

Second inventor signature \_\_\_\_\_  
  
Carlos Rojo

Witness \_\_\_\_\_ Date 12/20/02

- 2 -