

PATENT ASSIGNMENT

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SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Leo J. Schowalter	12/02/2004
Glen A. Slack	12/02/2004
J. Carlos Rojo	12/01/2004

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:	11265909

CORRESPONDENCE DATA

Fax Number: (617)523-1231

*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

Email: cmalone@goodwinprocter.com

Correspondent Name: Patent Administrator

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Address Line 2: Goodwin Procter LLP

Address Line 4: Boston, MASSACHUSETTS 02109

ATTORNEY DOCKET NUMBER:

CIS-002CPC1

NAME OF SUBMITTER:

Matthew Currie

Total Attachments: 3

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PATENT

REEL: 019549 FRAME: 0276

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## ASSIGNMENT

WHEREAS, We, **Leo J. Schowalter**, a citizen of the United States of America, residing at 25 Cord Drive, Latham, New York 12110; **Glen A. Slack**, a citizen of the United States of America, residing at 3442 Ridge Road, Scotia, New York 12302; and **J. Carlos Rojo**, a citizen of Spain, residing at 293 Erin Lane, East Setauket, New York 11733, have invented certain new and useful improvements in **Method and Apparatus for Producing Large, Single-Crystals of Aluminum Nitride**, which are the subject of United States Patent Application Serial 10/910162, filed August 3, 2004; and

WHEREAS, **Crystal IS, Inc.** having offices at 877 25<sup>th</sup> Street, Watervliet, New York 12189-1960, is desirous of obtaining the entire right, title and interest in, to and under said improvements and said application;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which we hereby acknowledge, We, **Leo J. Schowalter, Glen A. Slack and J. Carlos Rojo** do hereby assign, transfer and set over, unto said **Crystal IS, Inc.**, its successors, legal representatives and assigns, the entire right, title and interest in, to and under said improvements, and said application and all divisions, renewals and continuations thereof, and all Letters Patent which may be granted thereon and all reissues and extensions thereof, and all applications for Letters Patent which may hereafter be filed for said improvements in any country or countries foreign to the United States, and all Letters Patent which may be granted for said improvements in any country or countries foreign to the United States and all extensions, renewals and reissues thereof; and We hereby authorize and request the Commissioner of Patents of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents on applications as aforesaid, to issue all Letters Patent for said improvements to said **Crystal IS, Inc.**, its successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND WE HEREBY covenant that We have full right to convey the entire interest herein assigned, and that We have not executed, and will not execute, any agreement in conflict herewith.

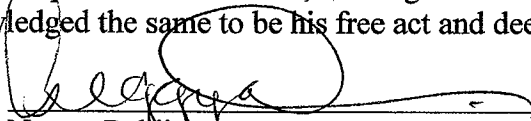
AND WE HEREBY further covenant and agree that We will communicate to said **Crystal IS, Inc.**, its successors, legal representatives and assigns, any facts known to us respecting said improvements, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing and reissue applications, make all rightful oaths and generally do everything possible to aid said **Crystal IS, Inc.**, its successors, legal representatives and assigns, to obtain and enforce proper patent protection for said improvements in all countries.

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 2nd day of December, 2004.

  
\_\_\_\_\_  
LEO J. SCHOWALTER

STATE OF NEW YORK    )  
                                  ) ss.:  
COUNTY OF Albany )

On this 2nd day of December, 2004, before me personally came **Leo J. Schowalter**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

  
\_\_\_\_\_  
Notary Public

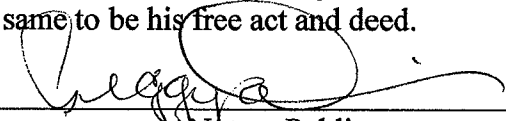
**PEGGY A. DAVIS**  
Notary Public-State of New York  
No. 01DA5081343  
Qualified in Rensselaer County  
My Comm. Expires 6/30/07

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 2nd day of December, 2004.

  
\_\_\_\_\_  
GLEN A. SLACK

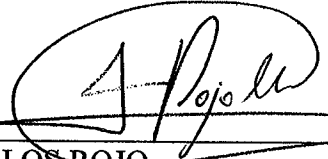
STATE OF NEW YORK    )  
                                  ) ss.:  
COUNTY OF Albany )

On this 2nd day of December, 2004, before me personally came **Glen A. Slack**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

  
\_\_\_\_\_  
Notary Public

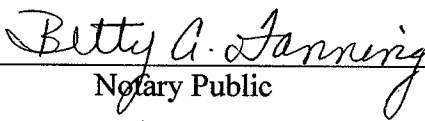
**PEGGY A. DAVIS**  
Notary Public-State of New York  
No. 01DA5081343  
Qualified in Rensselaer County  
My Commission Expires 6/30/07

IN TESTIMONY WHEREOF, I hereunto set my hand and seal this 1 day of December, 2004.

  
\_\_\_\_\_  
J. CARLOS ROJO

STATE OF NEW YORK     )  
                                  ) ss.:  
COUNTY OF Suffolk     )

On this 1 day of December, 2004, before me personally came **J. Carlos Rojo**, to me known and known to me to be the person of that name, who signed and sealed the foregoing instrument, and he acknowledged the same to be his free act and deed.

  
\_\_\_\_\_  
Notary Public  
BETTY A. FANNING  
NOTARY PUBLIC, State of New York  
No. 4805356, Suffolk County  
Term Expires March 30, 2006