

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Yun-Biao Xin</td><td>09/16/2008</td></tr><tr><td>Martin Andrew Smith</td><td>09/16/2008</td></tr><tr><td>Ronald Charles Dwelle</td><td>09/16/2008</td></tr><tr><td>Gerard Vurens</td><td>09/18/2008</td></tr></tbody></table>	Name	Execution Date	Yun-Biao Xin	09/16/2008	Martin Andrew Smith	09/16/2008	Ronald Charles Dwelle	09/16/2008	Gerard Vurens	09/18/2008	
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RECEIVING PARTY DATA											
Name:	Crystal Technology, Inc.										
Street Address:	1040 East Meadow Circle										
City:	Palo Alto										
State/Country:	CALIFORNIA										
Postal Code:	94303										
PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12174004</td></tr></tbody></table>	Property Type	Number	Application Number:	12174004							
Property Type	Number										
Application Number:	12174004										
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PATENT

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## ASSIGNMENT OF APPLICATION

Docket Number CRY 0052

Whereas, the undersigned:

Yun-Biao Xin  
Palo Alto, CAMartin Andrew Smith  
San Jose, CARonald Charles Dwelle  
Sunnyvale, CAGerard Vurens  
Palo Alto, CA

hereinafter termed "Inventors", have invented certain new and useful improvements in

## SYSTEMS AND METHODS FOR DETECTING SCRATCHES ON NON-SEMICONDUCTOR

for which an application for United States Patent was filed on 7/16/2008, Application No. 12/174,004

WHEREAS, Crystal Technology, Inc., a corporation having a place of business at 1040 East Meadow Circle, Palo Alto, CA 94303, (hereinafter termed "Assignee"), is desirous of acquiring the entire right, title and interest in and to said application and the invention disclosed therein, and in and to all embodiments of the invention, heretofore conceived, made or discovered jointly or severally by said Inventors (all collectively hereinafter termed "said invention"), and in and to any and all patents, inventor's certificates and other forms of protection (hereinafter termed "patents") thereon granted in the United States and foreign countries.

NOW, THEREFORE, in consideration of good and valuable consideration acknowledged by said Inventors to have been received in full from said Assignee:

1. Said Inventors do hereby sell, assign, transfer and convey unto said Assignee the entire right, title and interest (a) in and to said application and said invention; (b) in and to all rights to apply for foreign patents on said invention pursuant to the International Convention for the Protection of Industrial Property or otherwise; (c) in and to any and all applications filed and any and all patents granted on said invention in the United States or any foreign country, including each and every application filed and each and every patent granted on any application which is a divisional, substitution, continuation, or continuation-in-part of any of said applications; and (d) in and to each and every reissue or extensions of any of said patents.

2. Said Inventors hereby jointly and severally covenant and agree to cooperate with said Assignee to enable said Assignee to enjoy to the fullest extent the right, title and interest herein conveyed in the United States and foreign countries. Such cooperation by said Inventors shall include prompt production of pertinent facts and documents, giving of testimony, execution of petitions, oaths, specifications, declarations or other papers, and other assistance all to the extent deemed necessary or desirable by said Assignee (a) for perfecting in said Assignee the right, title and interest herein conveyed; (b) for prosecuting any of said applications; (c) for filing and prosecuting substitute, divisional, continuing or additional applications covering said invention; (d) for filing and prosecuting applications for reissuance of any said patents; (e) for interference or other priority proceedings involving said invention; and (f) for legal proceedings involving said invention and any applications therefor and any patents granted thereon, including without limitation reissues and reexaminations, opposition proceedings, cancellation proceedings, priority contests, public use proceedings, infringement actions and court actions; provided, however, that the expense incurred by said Inventors in providing such cooperation shall be paid for by said Assignee.

3. The terms and covenants of this assignment shall inure to the benefit of said Assignee, its successors, assigns and other legal representatives, and shall be binding upon said Inventors, their respective heirs, legal representatives and assigns.

4. Said Inventors hereby jointly and severally warrant and represent that they have not entered and will not enter into any assignment, contract, or understanding in conflict herewith.

SAID Inventors have executed and delivered this instrument to said Assignee as of the dates written below:

Date:

9/16/2008

Yun-Biao Xin

Date:

9/16/2008

Martin Andrew Smith

Date:

9/16/2008

Ronald Charles Dwelle

Date:

9/18/2008

Gerard Vurens