

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 70%;">Name</th> <th style="width: 30%;">Execution Date</th> </tr> </thead> <tbody> <tr> <td>Arnab Basu</td> <td>07/22/2008</td> </tr> <tr> <td>Max Robinson</td> <td>07/22/2008</td> </tr> <tr> <td>Ben Cantwell</td> <td>07/22/2008</td> </tr> <tr> <td>Andy Brinkman</td> <td>07/24/2008</td> </tr> </tbody> </table>		Name	Execution Date	Arnab Basu	07/22/2008	Max Robinson	07/22/2008	Ben Cantwell	07/22/2008	Andy Brinkman	07/24/2008
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<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 20%;">Name:</td> <td>Durham Scientific Crystals Limited</td> </tr> <tr> <td>Street Address:</td> <td>NetPark Incubator, Thomas Wright Way, Sedgefield</td> </tr> <tr> <td>City:</td> <td>County Durham</td> </tr> <tr> <td>State/Country:</td> <td>UNITED KINGDOM</td> </tr> <tr> <td>Postal Code:</td> <td>TS21 3FD</td> </tr> </table>		Name:	Durham Scientific Crystals Limited	Street Address:	NetPark Incubator, Thomas Wright Way, Sedgefield	City:	County Durham	State/Country:	UNITED KINGDOM	Postal Code:	TS21 3FD
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CORRESPONDENCE DATA											
<p>Fax Number: (651)330-4787</p> <p><i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i></p> <p>Phone: (651) 330-4780</p> <p>Email: jjung@pwolaw.biz</p> <p>Correspondent Name: Popovich, Wiles & O'Connell, P.A.</p> <p>Address Line 1: 8519 Eagle Point Blvd., Suite 180</p> <p>Address Line 4: Lake Elmo, MINNESOTA 55042</p>											
ATTORNEY DOCKET NUMBER:	REG1001USD1										
NAME OF SUBMITTER:	Patrick J. O'Connell										
<p>Total Attachments: 2</p> <p>source=Assignment_executed_7-08#page1.tif</p>											

CH \$40.00 12901780

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PATENT
REEL: 025120 FRAME: 0218

ASSIGNMENT

WHEREAS, We, Arnab Basu, a resident of 19 Ferndale, Belmont, Durham DH1 2AW, United Kingdom, Max Robinson, a resident of 1 Bishop's Court, Low Road, Shincliffe, Durham DH1 2LY, United Kingdom, Ben Cantwell, a resident of 152 Highfield Rise, Chester-le-street, County Durham DH3 3UY, United Kingdom, and Andy Brinkman, a resident of The Mead, Quarry House Lane, Durham DH1 4JA, United Kingdom, have invented certain new and useful improvements in SEMICONDUCTOR DEVICE AND METHOD OF MANUFACTURE THEREOF, for which an application for Letters Patent of the United States has been made, said application being identified in the United States Patent and Trademark Office by Serial Number 12/158,114, filed June 19, 2008; and

WHEREAS, Durham Scientific Crystals Limited, a corporation organized and existing under the laws of the United Kingdom, and having a business address at NetPark Incubator, Thomas Wright Way, Sedgefield, County Durham TS21 3FD, United Kingdom, is desirous of acquiring the entire right, title and interest in and to said invention, said application and in, to and under any and all Letters Patent to be obtained therefore;

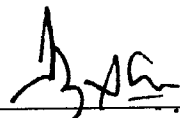
NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration to me in hand paid by said Durham Scientific Crystals Limited, the receipt of which is hereby acknowledged, we have sold, assigned and transferred, and by these presents do hereby sell, assign and transfer unto said Durham Scientific Crystals Limited ("Assignee"), its successors and assigns, our entire right, title and interest in and to said invention, said application and the Letters Patent, both foreign and domestic, that may or shall issue, including any continuation, division, renewal, or substitute thereof, and as to Letters Patent, any reissue or re-examination thereof, further including all of our entire rights under the International Convention, and we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the above mentioned assignee in accordance herewith.

We hereby authorize the above mentioned Assignee, its successors and assigns, or anyone it may properly designate, to insert in this instrument the serial number and filing date of said United States application and/or otherwise take advantage of the provisions of the International Convention.

Upon Said Consideration, we do hereby covenant and agree with Durham Scientific Crystals Limited, its successors and assigns, that we will not execute any writing or do any act whatsoever conflicting with these presents, and that we or our executors or administrators will at any time upon request, without further consideration, but at the expense of Durham Scientific Crystals Limited, its successors or assigns, execute such additional writings and do such additional acts as Durham Scientific Crystals Limited, its successors or assigns, may deem necessary or desirable to perfect Durham Scientific Crystals Limited's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, continuation, divisional, reissued, re-examined or extended Letters Patent of the United States, or of any and all foreign countries on said invention, and in enforcing any rights occurring as a result of such applications or patents, by giving testimony in any proceedings or transactions involving such applications or patents.


IN WITNESS WHEREOF, we have hereunto set our hand and affixed our seal as of the date set forth below.

Date 22 July, 2008



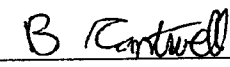
Arnab Basu

Date 22/07/08



Max Robinson

Date 22/07/2008



Ben Cantwell

Date 24.7.2008



Andy Brinkman