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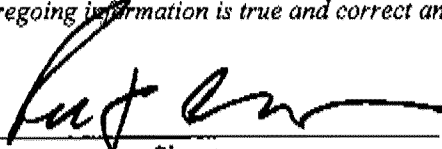
1. Name of conveying party(ies): Ian Radley Max Robinson Gary Gibson Additional name(s) of conveying party(ies) attached <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	2. Name and address of receiving party(ies): Durham Scientific Crystals Limited NetPark Incubator Thomas Wright Way Sedgefield Durham TS21 3FD UNITED KINGDOM Additional name(s) & addresses attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other: _____ Execution Date: 12/10/2010, 12/10/2010 & 1/11/2011	

4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the application is A. Patent Application No.(s) 12/988,978 B. Patent No. (s) Additional numbers attached <input type="checkbox"/> Yes <input type="checkbox"/> No	
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5. Name and address of party to whom correspondence concerning document should be mailed: Robert E. Cannuscio, Esq. Drinker Biddle & Reath LLP One Logan Square Ste. 2000 Philadelphia, PA 19103-6996 Attorney Docket No: 36290-0643-00-US (459256)	6. Total number of applications and patents involved: 1 7. Total fee (37 CFR 3.41) \$ 40.00 <input type="checkbox"/> Enclosed herewith is a check <input checked="" type="checkbox"/> authorized to be charged to deposit account 8. Deposit Account Number: 50-0573
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9. 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.

<u>Robert E. Cannuscio</u> Name of Person Signing	 Signature	<u>January 24, 2011</u> Date
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IP Portal
10 December 2010
P105990.US.01

ASSIGNMENT

WHEREAS, we, **Ian Radley, Max Robinson and Gary Gibson**, respectively citizens of the United Kingdom, with respective post office addresses of 28 Welcher Gardens, Bishop Auckland Durham DL14 7GA, Great Britain; 1 Bishop's Court, Low Road, Shincliffe Durham DH1 2LY, Great Britain and 30 Newhouse Road, Esh Winning Durham DH7 9JU, Great Britain, hereinafter generally referred to as "ASSIGNORS", have invented a certain new and useful

DETERMINATION OF COMPOSITION OF LIQUIDS

for which we have filed an application for Letters Patent of the United States on October 21, 2010, Serial No. 12/988,978, and

WHEREAS, **Durham Scientific Crystals Limited**, a United Kingdom corporation having a place of business at NetPark Incubator, Thomas Wright Way, Sedgfield Durham TS21 3FD, hereinafter generally referred to as "ASSIGNEE", is desirous of acquiring said invention and said application for Letters Patent,

WHEREAS, now and at the time the invention was made, said invention was subject to an obligation by ASSIGNORS to assign their entire right, title and interest therein to ASSIGNEE.

NOW, THEREFORE, in consideration of the sum of One Dollar and other good and valuable executed consideration, the full receipt and sufficiency of all of which are hereby acknowledged, and intending to be legally bound hereby, we, the undersigned ASSIGNORS, hereby agree to sell, assign, transfer and convey and by these presents do sell, assign, transfer and convey unto the above-named ASSIGNEE, the whole and entire right, title and interest

in and to said invention as described in the above application for Letters Patent, for the territory of the United States and its possessions and territories and all foreign countries, and

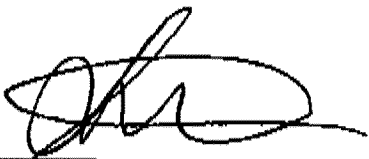
in and to the above application for Letters Patent, including any continuing and/or divisional applications therefor, any provisional applications identified in the above application, and any and all United States Letters Patent which may be granted on said application(s) including reissues and reexaminations, and all foreign Letters Patent which may be granted on said invention, including reissues, extensions, renewals and reexaminations of such Letters Patent;

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PATENT
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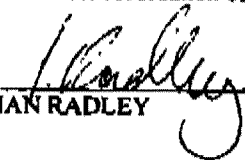
said invention, application and Letters Patent to be held and enjoyed by the above-named ASSIGNEE, for ASSIGNEE's own use and behoof, and for ASSIGNEE's legal representatives and assigns to the full end of the term or terms for which said Letters Patent may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNORS had this assignment and sale not been made; and for the aforesaid consideration ASSIGNORS hereby covenant, agree and undertake to execute, whenever requested by the above-named ASSIGNEE, all patent applications, assignments, lawful oaths and any other papers which ASSIGNEE may deem necessary or desirable for securing to ASSIGNEE or for maintaining for ASSIGNEE all the Letters Patent hereby assigned or agreed to be assigned; all without further compensation to the undersigned ASSIGNORS.

WE HEREBY authorize the above-mentioned ASSIGNEE or its legal representative to insert in this document the filing date and/or serial number of our aforesaid application or any other information that 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.




WITNESS

10/12/10
DATE



IAN RADLEY (L.S.)




WITNESS

10/12/10
DATE




MAX ROBINSON (L.S.)



WITNESS

11/11
DATE



GARY GIBSON (L.S.)

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