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Ian RadleyAdditional name(s) of conveying party(ies) attached ☐ Yes ☒ No

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

**Durham Scientific Crystals Limited
NetPark Incubator
Thomas Wright Way
Sedgefield Durham, TS21 3FD
GREAT BRITAIN**Additional name(s) & addresses attached? ☐ Yes ☒ No

3. Nature of Conveyance:

- ☒ Assignment ☐ Merger
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Execution Date: **4 January 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)

12/989,035

B. Patent No. (s)

Additional numbers attached ☐ Yes ☐ No

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
18th & Cherry Streets
Philadelphia, PA 19103-6996**6. Total number of applications and patents involved: **1**7. Total fee (37 CFR 3.41) **\$ 40.00**

- ☐ Enclosed herewith is a check
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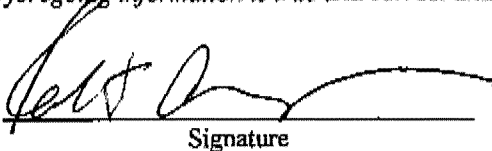
8. Deposit Account Number: **50-0573**Attorney Docket No.: **202069-0642-00-US (459255)**

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Robert E. Cannuscio

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January 7, 2011

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P105989.US.01

ASSIGNMENT

WHEREAS, I, **Ian Radley** a citizen of the United Kingdom with a post office address of, 28 Welcher Gardens, Bishop Auckland Durham, DL14 7GA, Great Britain, hereinafter generally referred to as "ASSIGNOR" has invented a certain new and useful

METHOD AND APPARATUS FOR INSPECTION OF MATERIALS

for which I have filed an application for Letters Patent of the United States on 10/21/2010, Serial No. 12/989,035, and

WHEREAS, **Durham Scientific Crystals Limited**, a United Kingdom corporation having a place of business at NetPark Incubator, Thomas Wright Way, Sedgefield Durham, TS21 3FD, Great Britain, 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 ASSIGNOR to assign his (her) 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, I, the undersigned ASSIGNOR, 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 inventions 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 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;

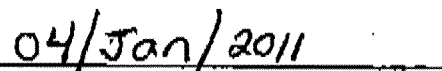
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said invention, application and Letters Patent to be held and enjoyed by the above-named ASSIGNEE, for ASSIGNEE's own use and behoof, and for ASSIGNEE's legal representatives and assigns to the full end of the term or terms for which said Letters Patent may be granted, as fully and entirely as the same would have been held by the undersigned ASSIGNOR had this assignment and sale not been made; and for the aforesaid consideration ASSIGNOR hereby covenants, agrees and undertakes 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 ASSIGNOR.

I HEREBY authorize the above-mentioned Assignee or its legal representative to insert in the instrument 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.

 (L.S.)
IAN RADLEY


WITNESS


DATE

PHIP 854093