

## PATENT ASSIGNMENT

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NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Bryan BARNARD	01/07/2013
RECEIVING PARTY DATA	
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PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	13823499
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Date:	04/05/2013
Total Attachments: 2 source=5874US1-PCT_ASG#page1.tif source=5874US1-PCT_ASG#page2.tif	

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ASSIGNMENT

WHEREAS I, Bryan BARNARD of c/o Thermo Fisher Scientific, Unit 24, The Birches Industrial Estate, Imberhorne Lane, East Grinstead, RH19 1UB, West Sussex, United Kingdom, have invented certain new and useful improvements as described in an application for Letters Patent of the United States entitled SWITCHABLE GAS CLUSTER AND ATOMIC ION GUN, AND METHOD OF SURFACE PROCESSING USING THE GUN, the application arising out of International Application No. PCT/EP2011/067626 filed 10 October 2011, and/or being identifiable in the United States Patent and Trademark Office by Serial No. 13/823,499, filed on MARCH 14, 2013; which disclose and identify the invention.

Whereas, **VG Systems Limited**, a company having a place of business at Solaar House, 19 Mercers Row, Cambridge, CB5 8BZ, United Kingdom (hereinafter referred to as assignee) is desirous of acquiring the entire right, title, and interest in and to said invention, said application and the Letters Patent to be obtained therefor;

Now, therefore, for good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, I hereby sell, assign, and set over unto the assignee and said assignee's successors, assigns, and designees, the 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 thereon; and I do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the above-mentioned assignee.

I hereby authorize the above-mentioned assignee or its legal representative to insert in this instrument the filing date and serial number of my said 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.

Upon said consideration, I convey to said assignee the right to make application in its own behalf for protection of said invention in countries foreign to the United States and where expedient to claim under the International Convention or other international arrangement for any such application the date of said United States application (or other application if any there be) in priority to other applications; and I do hereby covenant and agree with the said assignee that I will not execute any writing or do any act whatsoever conflicting with these presents, and that I will at any time upon request, at the expense of the said assignee, execute such additional assignments and other writings and do such additional acts as said assignee may deem necessary or desirable to perfect the assignee's enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, renewal, continuation, continuation-in-part, reissued or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or chose in action accruing as a result of such application or patents, by giving testimony in any proceedings or transactions involving such application or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of both parties. I hereby agree that the transfer of rights made by this instrument is effective as of the filing date of the application written above.

IN WITNESS WHEREOF, I hereto set my hand and seal on this SEVENTH day of  
JANUARY, 2013.



**Bryan BARNARD**



Witness Signature

Name: OLIVER GREENWOOD

Address: 6 GARDEN MEAD.

WEST HOATHLY



Witness Signature

Name: PAUL WAINMAN

Address: FLAT 2, 18 DUNSTON

RD, TRINITY WALK