

## PATENT ASSIGNMENT

Electronic Version v1.1

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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>David Gordon McDowell</td><td>05/13/2008</td></tr><tr><td>David John French</td><td>05/13/2008</td></tr></tbody></table>	Name	Execution Date	David Gordon McDowell	05/13/2008	David John French	05/13/2008	
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David Gordon McDowell	05/13/2008						
David John French	05/13/2008						
RECEIVING PARTY DATA							
Name:	LGC Limited						
Street Address:	Queens Road						
City:	Teddington, Middlesex						
State/Country:	UNITED KINGDOM						
Postal Code:	TW11 0LY						
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>11988946</td></tr></tbody></table>	Property Type	Number	Application Number:	11988946			
Property Type	Number						
Application Number:	11988946						
CORRESPONDENCE DATA							
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<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>							
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ATTORNEY DOCKET NUMBER:	PC-002/P001-US						
NAME OF SUBMITTER:	Geoffrey M. Karny						
Total Attachments: 2 source=Assignment#page1.tif source=Assignment#page2.tif							

CH 11988946 \$40.00

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PATENT  
REEL: 021132 FRAME: 0472

ASSIGNMENT

Whereas, I/we, David Gordon McDowell, a citizen and resident of Great Britain, and David John French, a citizen and resident of Great Britain, have made an invention entitled "Oligonucleotides" (the "Invention") as described and claimed in U.S. Patent Application No. 11/988,946, filed on January 17, 2008; and

Whereas, LGC Limited is a corporation having a principal place of business at Queens Road, Teddington, Middlesex, TW11 0LY, United Kingdom, which, together with its successors and assigns, is hereinafter called "Assignee;" and

Whereas Assignee desires to acquire the entire right, title and interest in and to said Invention, said patent application and all inventions described therein;

Now, therefore, for valuable consideration furnished by Assignee to me/us, receipt and sufficiency of which I/we hereby acknowledge, I/ we hereby, without reservation:

1. Assign, sell, transfer and convey to Assignee my/our entire right, title and interest in and to said Invention and said patent application, all inventions described in said patent application and in any and all other applications for patents on the inventions described in said patent application in any country whatsoever, including all divisional, continuation, continuation-in-part, renewal, revival, substitute and Convention applications based in whole or in part upon said inventions or upon said applications, and any and all granted patents and reissues, reexamined patents and patent term extensions of patents granted for said inventions or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said applications and said patents;

2. Authorize Assignee to file patent applications in any or all countries on any or all of said inventions in my/our name(s) or in the name of Assignee or otherwise as Assignee may deem advisable;

3. Authorize and request the Commissioner for Patents of the United States of America and the empowered officials of all other governments to grant and issue patents to Assignee or transfer all said granted patents to Assignee or to another party as the Assignee may direct;

4. Warrant that I/we are the inventor(s) of said Invention;


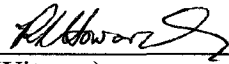

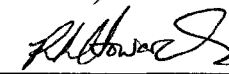
5. Warrant that I/we have not assigned, sold, transferred or conveyed to any other person or entity any right in or to said Invention, inventions, applications or patents or any license to make, use, sell or import the same or to make, use, sell or import anything embodying or utilizing any of said inventions; and that I/we have good right to assign, sell, transfer and convey the same to Assignee without any encumbrance; and

6. Bind my/our heirs and legal representatives, as well as myself/ourselves, to do, upon Assignee's request and at its expense, but without requiring additional consideration to me/us, all acts reasonably serving to assure that the said inventions, the said patent applications and the said granted patents shall be held and enjoyed by Assignee as

fully and entirely as the same could have been held and enjoyed by me/us or my/our heirs or legal representatives if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents, including petitions, specifications, disclaimers and lawful affidavits, oaths and declarations in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me/us relating to said inventions or the history thereof; and to furnish Assignee with any and all information, documents, materials, photographs, models, samples and other physical exhibits in my/our control or in the control of my/our heirs or legal representatives and which may be useful for establishing the facts of my/our conception(s), disclosure(s), or reduction(s) to practice of said inventions.

The effective date of this assignment is the latest date accompanying signature(s), herein below.

In testimony whereof I/we have affixed my/our signature(s).

 David Gordon McDowell	<u>13/5/08</u> (Date)	 (Witness)	<u>13/5/08</u> (Date)
 David John French	<u>13/5/08</u> (Date)	 (Witness)	<u>13/5/08</u> (Date)