501799127 01/26/2012

PATENT ASSIGNMENT

Electronic Version v1.1 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
George HANSON	01/26/2012

RECEIVING PARTY DATA

Name:	Life Technologies Corporation	
Street Address:	5791 Van Allen Way	
City:	Carlsbad	
State/Country:	CALIFORNIA	
Postal Code:	92008	

PROPERTY NUMBERS Total: 3

Property Type	Number
Application Number:	10970635
PCT Number:	US0435142
Application Number:	12062031

CORRESPONDENCE DATA

Fax Number: (760)476-6048 **Phone**: 760-268-8396

Email: Lifetechdocket@system.foundationip.com

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via

US Mail.

Correspondent Name: Life Technologies Corporation

Address Line 1: 5791 Van Allen Way

Address Line 4: Carlsbad, CALIFORNIA 92008

ATTORNEY DOCKET NUMBER: IVGN 471 FAMILY

NAME OF SUBMITTER: Helen Foster

Total Attachments: 2

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PATENT REEL: 027599 FRAME: 0613 \$120 00 103.

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ASSIGNMENT

FOR GOOD AND VALUABLE CONSIDERATION, the receipt, sufficiency, and adequacy of which are hereby acknowledged, I/we:

 George HANSON, a citizen of US; having a mailing address of LIFE TECHNOLOGIES CORPORATION, 5791 Van Allen Way, Carlsbad, CA 92008

and a resident of Eugene, OR.

do hereby SELL, ASSIGN, AND TRANSFER to **LIFE TECHNOLOGIES CORPORATION**, (the "Assignee", a corporation of the State of Delaware) having a place of business at 5791 Van Allen Way, Carlsbad, California 92008, USA the entire right, title, and interest for the United States and all foreign countries in and to any and all improvements which are disclosed in United States Patent Application, Serial No.10/970,635, filed on Oct 22, 2004; International Patent Application No.PCT/US04/35142; and in United States Patent Application, Serial No. 12/062,031, filed on April 3, 2008, entitled TARGET SEQUENCES FOR SYNTHETIC MOLECULES, and such applications and all divisional, continuing, substitute, renewal, reissue, and all other applications for patent which have been or shall be filed in the United States and all foreign countries on any of such improvements; all original and reissued patents which have been or shall be issued in the United States and all foreign countries on such improvements; and specifically including the right to file foreign applications under the provisions of any convention or treaty and claim priority based on such application in the United States;

AUTHORIZE AND REQUEST the issuing authority to issue any and all United States and foreign patents granted on such improvements to the Assignee;

WARRANT AND COVENANT that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been or will be made to others by the undersigned, and that the full right to convey the same as herein expressed is possessed by the undersigned; and

COVENANT, when requested and at the expense of the Assignee, to carry out in good faith the intent and purpose of this assignment, the undersigned will execute all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all such improvements;

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execute all rightful oaths, declarations, assignments, powers of attorney, and other papers; communicate to the Assignee all facts known to the undersigned relating to such improvements and the history thereof; and generally do everything possible for which the Assignee shall consider desirable for vesting title to such improvements in the Assignee, and for securing, maintaining, and enforcing proper patent protection for such improvements.

TO BE BINDING on the heirs, assigns, representatives, and successors of the undersigned and extend to the successors, assigns, and nominees of the Assignee.

Signature: // // // // Name (1) George HANSON

____ Date: January 26, 20/2___

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