

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

| Name            | Execution Date |
|-----------------|----------------|
| Scott B. Happe  | 08/18/2006     |
| Joseph A. Sorge | 06/12/2006     |
| Andrew Firmin   | 08/21/2006     |

RECEIVING PARTY DATA

|                 |                               |
|-----------------|-------------------------------|
| Name:           | Stratagene California         |
| Street Address: | 11011 North Torrey Pines Road |
| City:           | La Jolla                      |
| State/Country:  | CALIFORNIA                    |
| Postal Code:    | 92037                         |

PROPERTY NUMBERS Total: 1

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 11351129 |

CORRESPONDENCE DATA

Fax Number: (617)439-4170

*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

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Email: trademark@eapdlaw.com

Correspondent Name: Kathleen Williams (Reg. No. 34,380)

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Address Line 4: Boston, MASSACHUSETTS 02205

ATTORNEY DOCKET NUMBER:

225436/2592

NAME OF SUBMITTER:

Kathleen Williams

Total Attachments: 4

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PATENT

REEL: 018190 FRAME: 0721

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## ASSIGNMENT

In consideration of One Dollar (\$1.00) and other good and valuable consideration in hand paid, the receipt and sufficiency whereof are hereby acknowledged, the undersigned hereby assign to: STRATAGENE CALIFORNIA, a California corporation, having a principal place of business at 11011 North Torrey Pines Road, La Jolla, California 92037, its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for Letters Patent of the United States, entitled:

KEY PROBE COMPOSITIONS AND METHODS FOR POLYNUCLEOTIDE DETECTION

and identified as:

Serial No.: 11/351,129; Filed: February 9, 2006

and in said application and any and all other applications, both United States and foreign, which the undersigned may file, either solely or jointly with others, on said invention or improvements, and in any and all Letters Patent of the United States and foreign countries, which may be obtained on any of said applications, and in any reissue or extension of such patents, and further assigns to said assignee the priority right provided by the International Convention.

The undersigned hereby authorize and request the Commissioner of Patents and Trademarks to issue said Letters Patent to said assignee.

The undersigned warrant themselves to be the owners of the entire right, title and interest in said invention or improvements and to have the right to make this assignment, and further warrant that there are no outstanding prior assignments, licenses, or other encumbrances on the interest herein assigned.

For said considerations the undersigned hereby agree, upon the request and at the expense of said assignee, its successors and assigns, to execute any and all divisional, continuation and substitute applications for said invention or improvements, and any necessary oath, affidavit or declaration relating thereto, and any application for the reissue or extension of any Letters Patent that may be granted upon said application and any and all applications and other documents for Letters Patent in foreign countries on said invention or improvements, that said assignee, its successors or assigns may deem necessary or expedient, and for the said considerations the undersigned authorize said assignee to apply for patents for said invention or improvements in its own name in such countries where such procedure is proper and further agree, upon the request of said assignees, its successors and assigns, to cooperate to the best of the ability of the undersigned with said assignee, its successors and assigns, in any proceedings or transactions involving such applications or patents, including the preparation and execution of preliminary statements, giving and producing evidence, and performing any and all other acts necessary to obtain, maintain and enforce said Letters Patent, both United States and foreign, and vest all rights therein hereby conveyed in the assignees, its successors and assigns, whereby said Letters Patent will be held and enjoyed by the said assignees, its successors and assigns, to the full end of the term for which said Letters Patent will be granted, as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment had not been made.

Date: 8/18/06

Scott B. Happe  
Name of Inventor: Scott B. Happe  
Address of Inventor: 1105 Tetbury Lane  
Austin, TX 78748

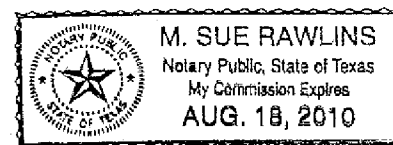
County of Bastrop )  
State of Texas ) ss.

Subscribed and sworn to (or affirmed) before me on this 18th day of August,  
2006, by Scott B. Happe, personally known to me or proved to me  
on the basis of satisfactory evidence to be the person(s) who appeared before me.

M. Sue Rawlins

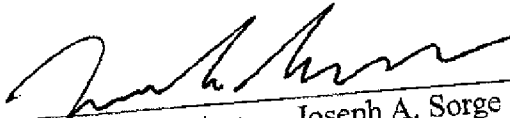
Notary Public

My Commission Expires:



(Seal)

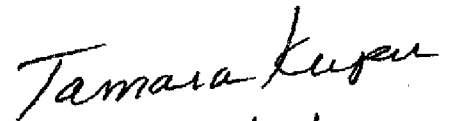
Date: 6/12/06

  
Name of Inventor: Joseph A. Sorge  
Address of Inventor: 144 10<sup>th</sup> Street  
Del Mar, CA 92014

County of SAN DIEGO )  
State of CALIFORNIA ) ss.  
)

Subscribed and sworn to (or affirmed) before me on this 12<sup>th</sup> day of JUNE,  
2006, by JOSEPH A. SORGE, personally known to me ~~or proved to me~~  
~~on the basis of satisfactory evidence~~ to be the person(s) who appeared before me.

Notary Public



My Commission Expires: 10/12/06

(Seal)

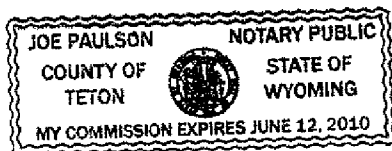


Date: 08/21/06

Name of Inventor: Andrew Firmin  
Address of Inventor: P.O. Box 12192  
Jackson, WY 83002

*P* State )  
County of Wyoming )  
*P* County ) ss.  
State of Teton )

Subscribed and sworn to (or affirmed) before me on this 21<sup>st</sup> day of August, 2006, by Andrew Firmin, personally known to me or proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.



Notary Public

My Commission Expires: 6/12/10

(Seal)