

10-05-2001

FORM PTO-1595  
(Rev. 6-93)

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HEET

U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

101865914

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original document or copy thereof.

## 1. Names of conveying parties:

- 1) JOHN T. MULLIGAN
- 2) JOHN C. TABONE
- 3)
- 4)
- 5)
- 6)

09/28/01

Additional names of conveying parties attached? ☐ Yes ☒ No

## 3. Nature of conveyance:

- ☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other \_\_\_\_\_

## Execution Dates:

- 1) AUGUST 22, 2001
- 2) AUGUST 22, 2001
- 3) \_\_\_\_\_
- 4) \_\_\_\_\_
- 5) \_\_\_\_\_
- 6) \_\_\_\_\_

## 2. Name and address of receiving party:

Name: BLUE HERON TECHNOLOGY, INC.

Internal Address: \_\_\_\_\_

Street Address: 22310 - 20<sup>TH</sup> AVENUE S.E.City: BOTHELLState WAZip: 98021Additional names & addresses attached? ☐ Yes ☒ No

## 4. Application number(s) or registration number(s):

If this document is being filed together with a new application,  
the filing date of the application is \_\_\_\_\_.A. Patent Application No(s).  
09/872,761

B. Patent No(s).

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Seed Intellectual Property Law Group PLLCInternal Address: RICHARD G. SHARKEYStreet Address: 701 Fifth Avenue, Suite 6300City: Seattle State: WA ZIP: 98104-7092

## 6. Total number of applications and patents involved.....

1

7. Total Fee (37 CFR 3.41): ..... \$40

☒ Enclosed☐ Authorized to be charged to deposit account

## 8. Deposit account number:

19-1090

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## 9. Statement and signature.

*To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.*

RICHARD G. SHARKEY, PH.D.

Name of Person Signing

Signature

Date

Total number of pages including cover sheet, attachments, and document: 4

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PATENT  
REEL: 012213 FRAME: 0330

## ASSIGNMENT

WHEREAS, we, John T. Mulligan and John C. Tabone (hereinafter referred to as ASSIGNORS), having post office addresses of 5823 - 17<sup>th</sup> Avenue Northeast, Seattle, Washington 98105, and 12117 Northeast 166<sup>th</sup> Place, Bothell, Washington 98011, respectively, are the joint inventors of an invention entitled "METHODS FOR IMPROVING THE SEQUENCE FIDELITY OF SYNTHETIC DOUBLE-STRANDED OLIGONUCLEOTIDES," as described and claimed in the specification for which an application for United States letters patent was filed on June 01, 2001 and assigned Application No. 09/872,761. This application claims the benefit of Provisional Application No. 60/208,753, filed on June 02, 2000.

WHEREAS, Blue Heron Technology, Inc. (hereinafter referred to as ASSIGNEE), a corporation of the State of Delaware having a place of business at 22310 - 20<sup>th</sup> Avenue Southeast, Bothell, Washington 98021, is desirous of acquiring the entire right, title and interest in and to the invention and in and to any letters patent that may be granted therefor in the United States and in any and all foreign countries;

NOW, THEREFORE, in exchange for good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell, assign and transfer unto said ASSIGNEE the entire right, title and interest in and to said invention, said application and any and all letters patent which may be granted for said invention in the United States of America and its territorial possessions and in any and all foreign countries, and in any and all divisions, reissues and continuations thereof, including the right to file foreign applications directly in the name of ASSIGNEE and to claim priority rights deriving from said United States application to which said foreign applications are entitled by virtue of international convention, treaty or otherwise, said invention, application and all letters patent on said invention to be held and enjoyed by ASSIGNEE and its successors and assigns as fully and entirely as the same would have been held and enjoyed by ASSIGNORS had this assignment, transfer and sale not been made. ASSIGNORS hereby authorize and request the Commissioner of Patents and Trademarks to issue all letters patent on said invention to ASSIGNEE. ASSIGNORS agree to execute all instruments and documents required for the making and prosecution of applications for United States and foreign letters patent on said invention, for litigation regarding letters patent, or for the purpose of protecting title to said invention or letters patent therefor.

8/22/2001

Date

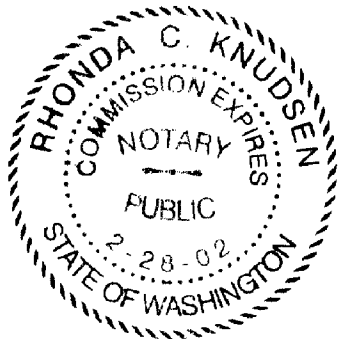
John T. Mulligan  
John T. Mulligan

State of Washington )

County of King )

ss.

I certify that I know or have satisfactory evidence that John T. Mulligan is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.



Dated August 22, 2001

Signature of Notary Public Rhonda C Knudsen

Printed Name Rhonda C Knudsen

My appointment expires February 28, 2002

8/22/01

Date

John C. Tabone  
John C. Tabone

State of Washington )

) ss.

County of King )

I certify that I know or have satisfactory evidence that John C. Tabone is the person who appeared before me, and said person acknowledged that he signed this instrument and acknowledged it to be his free and voluntary act for the uses and purposes mentioned in the instrument.



Dated August 22, 2001  
Signature of Rhonda C. Knudsen  
Notary Public  
Printed Name Rhonda C. Knudsen  
My appointment expires February 28, 2002

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(340078.401)