

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3022058

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
RONALD M COOK	12/12/2000
MATT LYTTLE	12/12/2000
DAREN DICK	12/12/2000
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	BIOSEARCH TECHNOLOGIES, INC.
<b>Street Address:</b>	81 DIGITAL DRIVE
<b>City:</b>	NOVATO
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	94949
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14158521
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Email:</b>	jhur@morganlewis.com
<b>Correspondent Name:</b>	JANET HUR
<b>Address Line 1:</b>	1 MARKET STREET
<b>Address Line 2:</b>	MORGAN, LEWIS, & BOCKIUS LLP
<b>Address Line 4:</b>	SAN FRANCISCO, CALIFORNIA 94103
<b>ATTORNEY DOCKET NUMBER:</b>	061873-5004-US08
<b>NAME OF SUBMITTER:</b>	JANET HUR
<b>SIGNATURE:</b>	/ Janet Hur /
<b>DATE SIGNED:</b>	09/15/2014
<b>Total Attachments: 3</b>	
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**COPY**

Attorney Docket No.: 19079-000500US  
Client Reference No.: 2000/1

**ASSIGNMENT OF PATENT APPLICATION**

JOINT

WHEREAS, Ronald M. Cook, of 7 Meadow Lane, Novato, CA 94947; Matt Lyttle, of 251 B Street, Point Reyes Station, CA 94956; Daren Dick, of 335 Meadow Way, San Geronimo, CA 94960; hereinafter referred to as "Assignors," are the inventors of the invention described and set forth in the below-identified application for United States Letters Patent:

Title of Invention:       **DARK QUENCHERS FOR DONOR-ACCEPTOR  
ENERGY TRANSFER**

Date(s) of execution of Declaration:

Filing Date:               **May 9, 2000**

Application No.:         **09/567,863; and**

WHEREAS, Biosearch Technologies, Inc., located at 81 Digital Drive, Novato, CA, 94949, hereinafter referred to as "ASSIGNEE," is desirous of acquiring an interest in the invention and application and in any U.S. Letters Patent and Registrations which may be granted on the same;

For good and valuable consideration, receipt of which is hereby acknowledged by Assignors, Assignors have assigned, and by these presents do assign to Assignee all right, title and interest in and to the invention and application and to all foreign counterparts (including patent, utility model and industrial designs), and in and to any Letters Patent and Registrations which may hereafter be granted on the same in the United States and all countries throughout the world, and to claim the priority from the application as provided by the Paris Convention. The right, title and interest is to be held and enjoyed by Assignee and Assignee's successors and assigns as fully and exclusively as it would have been held and enjoyed by Assignors had this Assignment not been made, for the full term of any Letters Patent and Registrations which may be granted thereon, or of any division, renewal, continuation in whole or in part, substitution, conversion, reissue, prolongation or extension thereof.

Assignors further agree that they will, without charge to Assignee, but at Assignee's expense, (a) cooperate with Assignee in the prosecution of U.S. Patent applications and foreign counterparts on the invention and any improvements, (b) execute, verify, acknowledge and deliver all such further papers, including patent applications and instruments of transfer, and (c) perform such other acts as Assignee lawfully may request to obtain or maintain Letters Patent and Registrations for the invention and improvements in any and all countries, and to vest title thereto in Assignee, or Assignee's successors and assigns.

Assignors hereby authorize and request Townsend and Townsend and Crew LLP, Two Embarcadero Center, 8<sup>th</sup> Floor, San Francisco, CA 94111-3834, to insert herein above the application number and filing date of said application when known.

**PATENT  
REEL: 033738 FRAME: 0105**

IN TESTIMONY WHEREOF, Assignors have signed their names on the dates indicated.

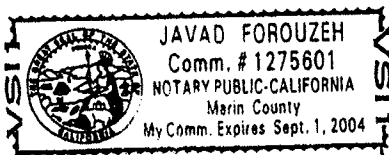
Dated: 12/12/2000

Ronald M. Cook  
Ronald M. Cook

STATE OF CALIFORNIA )  
                                  )  
COUNTY OF Marin )      ss.

On Dec 12<sup>th</sup> 2000, before me, Javad Forouzeh, personally appeared Ronald M. Cook, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



Javad Forouzeh  
NOTARY PUBLIC

My Commission Expires: Sept 1<sup>st</sup> 2004

Dated: 12-12-00

Matt Lyttle  
Matt Lyttle

STATE OF CALIFORNIA )  
                                  )  
COUNTY OF Marin )      ss.

On Dec 12<sup>th</sup> 2000, before me, Javad Forouzeh, personally appeared Matt Lyttle, personally known to me (or proved to me on the basis of satisfactory evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



Javad Forouzeh  
NOTARY PUBLIC

My Commission Expires: Sept 1<sup>st</sup> 2004

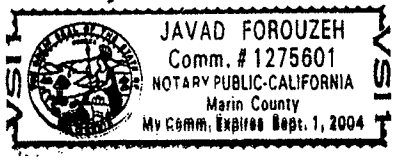
Dated: 12-12-2000

[Signature]  
Daren Dick

STATE OF CALIFORNIA )  
                                  )      ss.  
COUNTY OF Marin )

On Dec. 12<sup>th</sup> 2000, before me, Javad Forouzeh,  
personally appeared Daren Dick, personally known to me (or proved to me on the basis of satisfactory  
evidence) to be the person whose name is subscribed to the within instrument, and acknowledged to me  
that he/she executed the same in his/her authorized capacity, and that by his/her signature on the  
instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

WITNESS my hand and official seal.



[Signature]  
NOTARY PUBLIC

My Commission Expires: Sept 1<sup>st</sup> 2004