502951366 08/26/2014

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT2997964

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MAJID MEHRPOUYAN	02/22/2012
MARYBETH SHARKEY	02/23/2012

RECEIVING PARTY DATA

Name:	BECTON, DICKINSON AND COMPANY	
Street Address:	1 BECTON DRIVE	
Internal Address:	MC110	
City:	FRANKLIN LAKES	
State/Country:	NEW JERSEY	
Postal Code:	07417-1880	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14364055

CORRESPONDENCE DATA

Fax Number: (650)327-3231

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

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: (650) 327-3400
Email: turner@bozpat.com
Correspondent Name: BRET E. FIELD

Address Line 1: 1900 UNIVERSITY AVENUE

Address Line 2: SUITE 101

Address Line 4: EAST PALO ALTO, CALIFORNIA 94303

ATTORNEY DOCKET NUMBER: BECT-034

NAME OF SUBMITTER: BRET E. FIELD

SIGNATURE: /Bret E. Field, Reg. No.37,620/

DATE SIGNED: 08/26/2014

Total Attachments: 2

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PATENT 502951366 REEL: 033643 FRAME: 0785

Assignment

Docket No.: P-9717.@ Serial No.: 61/577,502

Filed: 12-DECEMBER-2011

Whereas, Majid Mehrpouyan, residing at 1048 Primrose Lane, Gilroy, CA 95020, a citizen of the United States of America, and Marybeth Sharkey, residing at 2655 Heritage Park Circle, San Jose, CA 95132, a citizen of the United States of America, (hereinafter called "Assignors"), have made certain new and useful inventions or discoveries relating to:

PHOSPHOROTHIOATE OLIGONUCLEOTIDE-LABELING OF WHITE BLOOD CELLS

For which they have filed U.S. Provisional Patent Application; and

WHEREAS, BECTON, DICKINSON AND COMPANY, a corporation of the State of New Jersey, (hereinafter called "Assignce"), is desirous of acquiring the entire right, title and interest therein.

NOW, THEREFORE, BE IT KNOWN that for and in consideration of the premises and in acknowledgment, confirmation and performance of obligations which arose out of the terms and conditions of the Assignors' employment by Assignee at the time the invention was made, and other valuable considerations to them, the receipt and sufficiency of which are hereby acknowledged, Assignors have assigned, and transferred, and do hereby assign, and transfer unto said Assignee the entire right, title, and interest in and to all said inventions and discoveries disclosed in said application, whose identification above by serial number and filing date, when available, is hereby authorized, and in and to said application, all substitutions, divisions and continuations or continuations-in-part, thereof, and in and to all Letters Patents, United States and foreign, that may be granted for said inventions and discoveries, and in and to all extensions, renewals and reissues thereof, the same to be held and enjoyed by said Assignee, its successors and assigns, as fully and entirely as the same would have held and enjoyed by Assignors if this Assignment and sale had not been made; and

Assignors hereby authorize and request the Commissioner of Patents and Trademarks of the United States to issue said Letters Patent in accordance with this Agreement; and

For the consideration aforesaid, Assignors covenant and agree with said Assignee that they have a full and unencumbered title to the inventions and discoveries above described and hereby assigned, which title they warrant unto said Assignee, its successors and assigns, and

PATENT REEL: 033643 FRAME: 0786 For the consideration aforesaid, Assignors further covenant and agree that they will, whenever requested, but without cost to them promptly communicate to said Assignee or its representatives any facts known to them relating to said inventions and discoveries, testify in any interference or legal proceedings involving said inventions and discoveries, and execute any additional papers that may be necessary to enable said Assignee or its representatives, successors, nominees, or assigns to secure full and complete protection of the inventions and discoveries or that may be necessary to vest in Assignee the complete title to the inventions and discoveries and patents hereby conveyed and to enable it to record title.

IN TESTIMONY WHEREOF, Assignors have hereunto set his hand and seal on the date subscribed below.

Understood and Agreed:

Understood and Agreed:

Witness

AName (printed

PATENT REEL: 033643 FRAME: 0787

RECORDED: 08/26/2014