

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT4585121

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MARK LUSCHER	03/18/2015
RANDALL MARKS	03/16/2015
EDWARD LAO	03/16/2015
JOHN PATRICK MYERS	03/16/2015
RECEIVING PARTY DATA	
Name:	MICROBIX BIOSYSTEMS INC.
Street Address:	265 WATLINE AVENUE
City:	MISSISSAUGA
State/Country:	CANADA
Postal Code:	L4Z 1P3
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	15556547
CORRESPONDENCE DATA	
Fax Number:	(312)474-0448
<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>	
Phone:	312-474-6300
Email:	docket@marshallip.com
Correspondent Name:	JEREMY D. PROTAS
Address Line 1:	233 SOUTH WACKER DRIVE
Address Line 2:	SUITE 6300
Address Line 4:	CHICAGO, ILLINOIS 60606
ATTORNEY DOCKET NUMBER:	32444/51450
NAME OF SUBMITTER:	JEREMY D. PROTAS
SIGNATURE:	/Jeremy D. Protas/
DATE SIGNED:	09/08/2017
Total Attachments: 5	
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ASSIGNMENT

Serial No: 62/130,821

Filed: March 10, 2015

Title: Optical Systems for Irradiating Analytes

For good and valuable consideration, the receipt and sufficiency of which are hereby agreed, each of the undersigned agrees to assign and hereby assigns to MICROBIX BIOSYSTEMS INC., 265 Watline Avenue, Mississauga, Ontario L4Z 1P3, CANADA and its successors and assigns ("Assignee") the entire right, title, and interest in and to the inventions of such undersigned that are disclosed in the application listed above. Also assigned are (i) all rights in any and all other applications anywhere in the world that the undersigned may file and/or be named as an inventor of, solely or jointly, on said inventions, (ii) all rights in any and all patents that may be obtained on any of said applications, and (iii) all rights in any and all reissues, reexaminations, supplemental examinations, inter partes reviews, oppositions, post-grant reviews, supplementary protection certificates, and/or extensions thereof. The rights assigned include without limitation, the right to bring suit, the right to claim and retain all damages and/or seek other remedies for the past, present, and future infringement of any of the foregoing, and the right of priority (including without limitation the right to claim priority benefit of or to said patent applications.) The undersigned request the Commissioner for Patents in the United States and similar authorities outside the United States to issue said patents to and in the name of Assignee.

Each of the undersigned states that the application listed above is or was made or authorized to be made by him or her. Each of the undersigned believes himself or herself to be the original inventor or an original joint inventor of a claimed invention in the application listed above. Each of the undersigned acknowledges that any willful false statement made by him or her in this paragraph is punishable under 18 U.S.C. §1001 by fine or imprisonment of not more than five years, or both.

Except in favor of Assignee, each of the undersigned warrants that: (i) he or she is the owner of all its rights, title and interests herein assigned and has the right to make this unconditional and irrevocable assignment to Assignee without obtaining any approval or permission of a third party; and (ii) there are no outstanding encumbrances, liens, prior assignments, licenses, or other obligations or restrictions on the rights, title and interests herein assigned.

Upon the request of Assignee and at no expense to the undersigned, each of the undersigned hereby agrees to execute any and all applications on said inventions (including without limitation applications or requests for the reissue, reexamination, or extension of the patent or for a supplementary protection certificate and any oath, declaration, or affidavit relating thereto that Assignee may deem necessary or expedient, and to cooperate to the best of the ability of the undersigned with Assignee and perform any and all affirmative acts requested by Assignee to prepare, file, prosecute, maintain, defend, enforce, and vest in Assignee the rights, title, and interests assigned herein. These acts include, without limitation, preparing and executing statements and giving and producing evidence in support thereof, whereby said rights, title and interests will be held and enjoyed by

Assignee to the full end of the term for which said patents may 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.


On behalf of Assignee,

Mark Luscher
Name
Sr. V.P. Scientific Affairs
Title

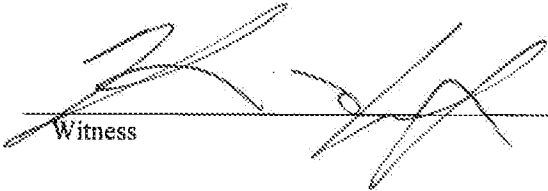
hereby confirms Assignee's acceptance of all rights, privileges, title and interests conveyed by this assignment.

Mark Luscher 18 March 2015
Signature Date

Date: 18 March 2015

Signature: 
Mark Luscher

Date: 18 Mar 2015


Witness

[Signature]
Randall Marks

03/16/2015
Date

[Signature]
Edward Lao

3/16/2015
Date

[Signature]
John Patrick Myers

3/16/2015
Date

~~State of California)
) ss.
County of)
On _____, before me, _____
appeared Randall Marks, Edward Lao, John Patrick Myers, who 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.
I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is
true and correct.
WITNESS my hand and official seal.
_____~~

CALIFORNIA ALL-PURPOSE ACKNOWLEDGMENT

CIVIL CODE § 1189

A notary public or other officer completing this certificate verifies only the identity of the individual who signed the document to which this certificate is attached, and not the truthfulness, accuracy, or validity of that document.

State of California)
County of SANTA CLARA)

On MARCH 16, 2015 before me, MELVIN E IRVIN, A NOTARY PUBLIC,
Date Here Insert Name and Title of the Officer

personally appeared RANDALL MARKS, EDWARD LAO,
Name(s) of Signer(s)

AND JOHN PATRICK MYERS

who proved to me on the basis of satisfactory evidence to be the person(s) whose name(s) is/are subscribed to the within instrument and acknowledged to me that he/she/they executed the same in his/her/their authorized capacity(ies), and that by his/her/their signature(s) on the instrument the person(s), or the entity upon behalf of which the person(s) acted, executed the instrument.

I certify under PENALTY OF PERJURY under the laws of the State of California that the foregoing paragraph is true and correct.

WITNESS my hand and official seal.



Signature [Handwritten Signature]
Signature of Notary Public

Place Notary Seal Above

OPTIONAL

Though this section is optional, completing this information can deter alteration of the document or fraudulent reattachment of this form to an unintended document.

Description of Attached Document

Title or Type of Document: ASSIGNMENT Document Date: 3-16-15
Number of Pages: 4 Signer(s) Other Than Named Above: NONE

Capacity(ies) Claimed by Signer(s)

Signer's Name: _____
 Corporate Officer — Title(s): _____
 Partner — Limited General
 Individual Attorney in Fact
 Trustee Guardian or Conservator
 Other: _____
Signer Is Representing: _____

Signer's Name: _____
 Corporate Officer — Title(s): _____
 Partner — Limited General
 Individual Attorney in Fact
 Trustee Guardian or Conservator
 Other: _____
Signer Is Representing: _____