

## PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT4691307

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
SIRAJ MAHAMED ALI	04/13/2016
MATTHEW J. HAWRYLUK	02/14/2017
JEFFREY S. ROSS	04/11/2016
PHILIP JAMES STEPHENS	02/16/2017
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	FOUNDATION MEDICINE, INC.
<b>Street Address:</b>	150 SECOND STREET
<b>City:</b>	CAMBRIDGE
<b>State/Country:</b>	MASSACHUSETTS
<b>Postal Code:</b>	02141
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14333368
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(617)395-7070
<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>Phone:</b>	(617) 395-7076
<b>Email:</b>	DLPatents@LALaw.com
<b>Correspondent Name:</b>	LANDO & ANASTASI, LLP
<b>Address Line 1:</b>	RIVERFRONT OFFICE PARK
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<b>Address Line 4:</b>	CAMBRIDGE, MASSACHUSETTS 02142
<b>ATTORNEY DOCKET NUMBER:</b>	F2036-705010FT
<b>NAME OF SUBMITTER:</b>	DAVID LU
<b>SIGNATURE:</b>	/David Lu/
<b>DATE SIGNED:</b>	11/15/2017
<b>Total Attachments: 6</b>	
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**ASSIGNMENT**

For good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, We, the undersigned

**Siraj Mahamed Ali of 13 Ellery St. Apt 3, Cambridge, Massachusetts 02138;**  
**Matthew J. Hawryluk of 20 Watertown Street Unit 206, Watertown, Massachusetts 02472;**  
**Jeffrey S. Ross of 7 Bird Road, Lebanon Springs, New York 12125; and**  
**Philip James Stephens of 25 Swan Lane, Lexington, Massachusetts 02421, respectively,**  
hereby:

Sell, assign and transfer to **FOUNDATION MEDICINE, INC.**, a Delaware corporation having a place of business at **150 Second Street, Cambridge, Massachusetts 02141**, its successors, assigns and legal representatives, all hereinafter referred to as said Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in an application for Letters Patent filed in the United States Patent and Trademark Office on:

**July 16, 2014**

ENTER FILING DATE ABOVE

under Application Serial No. **14/333368** and

Entitled **METHODS OF TREATING UROTHELIAL CARCINOMA,**

and in and to said application and all continuing, divisional, continuation-in-part, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on said any and all inventions, including a provisional application filed on **July 17, 2013** under Application Serial No. **61/847,532** and entitled **METHODS OF TREATING UROTHELIAL CARCINOMA**; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said any and all inventions including the right to apply for patent rights in each foreign country and all rights to priority; and further including any right to sue for past infringement;

Appoint, authorize and request the attorneys appointed in said application to hereafter complete this assignment by inserting in the spaces provided above the filing date and serial number of said application when known;

Agree that said Assignee may apply for and receive Letters Patent for said any and all inventions in its own name; and when requested, without charge to but at the expense of said Assignee, We agree to carry out in good faith the intent and purpose of this assignment, by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on said any and all inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to relating to said any and all

**PATENT**

**REEL: 044139 FRAME: 0011**

inventions and the history thereof, and generally by doing everything reasonably possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said any and all inventions and for vesting title to said any and all inventions and all applications for patents and all patents on said inventions, in said Assignee;

Request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignee; and

Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me and that full right to convey the same as herein expressed is possessed by me.


Said Assignee does hereby acknowledge and accept the above sale, assignment and transfer of all the rights, title and interest enumerated above, including but not limited to the right to priority and the right to sue for past infringement.

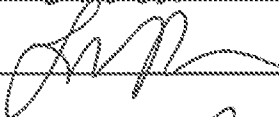
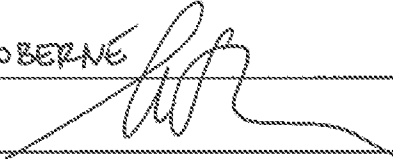
April 13, 2016  
Date

Siraj A.  
Siraj Mahamed Ali

Witnessed before us this <u>13</u> day of <u>APRIL</u> , 2016:
Printed Name: <u>Becky Foster</u>
First Witness Signature: <u>[Signature]</u>
Printed Name: <u>Jaime Cuan</u>
Second Witness Signature: <u>[Signature]</u>

Feb 14, 2017  
Date

  
Matthew J. Hawryluk

Witnessed before us this <u>14<sup>th</sup></u> day of <u>February</u> , 2016:	
Printed Name:	<u>Laura Veckerelli</u>
First Witness Signature:	<u></u>
Printed Name:	<u>MOJCA SKOBERNE</u>
Second Witness Signature:	<u></u>

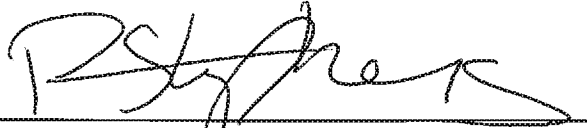
Date 4/11/16 Jeffrey S. Ross  
Jeffrey S. Ross

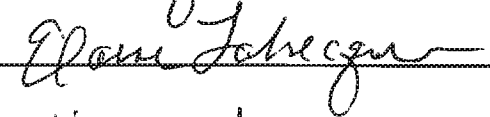
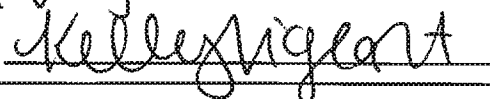
Witnessed before us this 11<sup>th</sup> day of April, 2016:

Printed Name: Karen Van Alstyne  
First Witness Signature: Karen Van Alstyne

Printed Name: Natalya Colomb  
Second Witness Signature: Natalya Colomb

16<sup>th</sup> Feb 2017  
Date

  
Philip James Stephens

Witnessed before us this <u>16</u> day of <u>Feb</u> , 2016: <u>2017</u>	<u>Em 10 Feb 2017</u>
Printed Name: <u>Elaine Labrecque</u>	
First Witness Signature: <u></u>	
Printed Name: <u>Kelly Vigeant</u>	
Second Witness Signature: <u></u>	

By: FOUNDATION MEDICINE, INC.

Date 2/13/17

Allen C. Nunnally  
Signature

Allen C. Nunnally  
Printed Name of Signor

Vice President, Intellectual Property  
Title/Authority of Signor

Witnessed before us this 13<sup>th</sup> day of February, 2017:

Printed Name: Sarah Mistretta

First Witness Signature: Sarah Mistretta

Printed Name: Jesse Medina

Second Witness Signature: Jesse Medina