

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT5809933

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
YUCHEN DENG	10/30/2019
PETER CHRISTIAAN TIEMEIJER	10/26/2019
HOLGER KOHR	10/28/2019
JAYDEEP SANJAY BELAPURE	10/28/2019
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	FEI COMPANY
<b>Street Address:</b>	5350 NE DAWSON CREEK
<b>City:</b>	HILLSBORO
<b>State/Country:</b>	OREGON
<b>Postal Code:</b>	97124
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16677164
<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>Phone:</b>	5037262587
<b>Email:</b>	patentdocketing@thermofisher.com
<b>Correspondent Name:</b>	BO WANG
<b>Address Line 1:</b>	5350 NE DAWSON CREEK
<b>Address Line 4:</b>	HILLSBORO, OREGON 97124
<b>ATTORNEY DOCKET NUMBER:</b>	FE2686US1-NAT
<b>NAME OF SUBMITTER:</b>	BO WANG
<b>SIGNATURE:</b>	/Bo Wang/
<b>DATE SIGNED:</b>	11/07/2019
<b>Total Attachments: 6</b>	
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**PATENT**

**REEL: 050952 FRAME: 0025**

## ASSIGNMENT

WHEREAS WE, Yuchen DENG, Peter Christiaan TIEMEIJER, Holger KOHR, and Jaydeep Sanjay BELAPURE, (individually an “Assignor” and collectively the “Assignors”) have invented certain new and useful improvements, entitled METHOD AND SYSTEM FOR ENERGY RESOLVED CHROMA IMAGING the specification of which:

\_\_\_\_\_ is attached hereto.

  x   was filed on November 7, 2019 and assigned U.S. Application No. 16/677,164.

Whereas, FEI COMPANY, a corporation formed in the State of Oregon, having a place of business at 5350 NE Dawson Creek Drive, Hillsboro, Oregon 97124-5793, (the “Assignee”), is desirous of acquiring the entire right, title, and interest in and to said invention, said application and the Letters Patent to be obtained therefor;


Now, therefore, for good and valuable consideration, the receipt and sufficiency whereof are hereby acknowledged, we hereby sell, assign, and set over unto the Assignee and the Assignee’s successors, assigns, and designees, the entire right, title, and interest in and to said invention, said application, and the Letters Patent, both foreign and domestic, that may or shall issue thereon; and we do hereby authorize and request the Commissioner of Patents to issue said Letters Patent to the Assignee.

We hereby authorize the Assignee or its legal representative to insert in this instrument the filing date and serial number of our said application or any other information that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Upon said consideration, we convey to the Assignee the right to make application in its own behalf for protection of said invention in countries foreign to the United States and where expedient to claim under the International Convention or other international arrangement for any such application the date of said United States application (or other application if any there be) in priority to other applications; and we do hereby covenant and agree with the Assignee that we will not execute any writing or do any act whatsoever conflicting with our obligations set forth in this instrument, and that we will at any time upon request, at the expense of the Assignee, execute such additional assignments and other writings and do such additional acts as the Assignee may deem necessary or desirable to perfect the Assignee’s enjoyment of this grant, and render all necessary assistance in making application for and obtaining original, divisional, renewal, continuation, continuation-in-part, reissued or extended Letters Patent of the United States or of any and all foreign countries on said invention, and in enforcing any rights or chose in action accruing as a result of such application or patents, by giving testimony in any proceedings or transactions involving such application or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of the assigns and legal representatives of both parties. We hereby agree that the transfer of rights made by this instrument is effective as of the filing date of the application written above.

FOR THE ASSIGNORS:

IN WITNESS WHEREOF, I hereto set my hand on 30. Oct, 2019

  
Name: Yuchen DENG

IN WITNESS WHEREOF, I hereto set my hand \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Name: Peter Christiaan TIEMEIJER

IN WITNESS WHEREOF, I hereto set my hand \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Name: Holger KOHR

IN WITNESS WHEREOF, I hereto set my hand \_\_\_\_\_, 20\_\_\_\_.

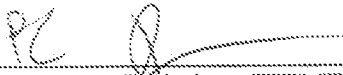
\_\_\_\_\_  
Name: Jaydeep Sanjay BELAPURE

FOR THE ASSIGNORS:

IN WITNESS WHEREOF, I hereto set my hand on \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Name: Yuchen DENG

IN WITNESS WHEREOF, I hereto set my hand 26 October, 2019.

  
\_\_\_\_\_  
Name: Peter Christiaan TIEMEIJER

IN WITNESS WHEREOF, I hereto set my hand \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Name: Holger KOHR

IN WITNESS WHEREOF, I hereto set my hand \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Name: Jaydeep Sanjay BELAPURE

FOR THE ASSIGNORS:

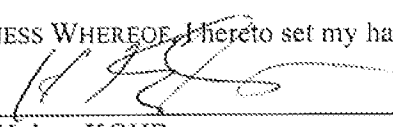
IN WITNESS WHEREOF, I hereto set my hand on \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Name: Yuchen DENG

IN WITNESS WHEREOF, I hereto set my hand \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Name: Peter Christiaan TIEMEIJER

IN WITNESS WHEREOF, I hereto set my hand Oct 28, 2019.

  
\_\_\_\_\_  
Name: Holger KOHR

IN WITNESS WHEREOF, I hereto set my hand \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Name: Jaydeep Sanjay BELAPURE

FOR THE ASSIGNORS:

IN WITNESS WHEREOF, I hereto set my hand on \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Name: Yuchen DENG

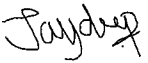
IN WITNESS WHEREOF, I hereto set my hand \_\_\_\_\_, 20\_\_\_\_.

\_\_\_\_\_  
Name: Peter Christiaan TIEMEIJER

IN WITNESS WHEREOF, I hereto set my hand \_\_\_\_\_, 20\_\_\_\_.

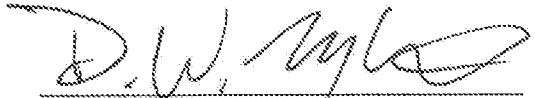
\_\_\_\_\_  
Name: Holger KOHR

IN WITNESS WHEREOF, I hereto set my hand 28th, Oct., 2019.

  
\_\_\_\_\_  
Name: Jaydeep Sanjay BELAPURE

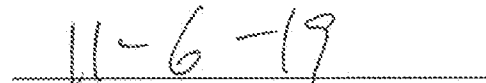
FOR THE ASSIGNEE:

As an authorized representative of the Assignee, FEI Company, I hereby accept the assignment on behalf of the Assignee according to the terms set forth above.

  
\_\_\_\_\_  
Signature of authorized representative

Name: Denton W. McAlister

Title: Senior IP Counsel

  
\_\_\_\_\_  
Date: