

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT2842535

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
CARL T. WITTWER	01/27/2004
GUDRUN REED	01/27/2004
LUMING ZHOU	01/27/2004
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	UNIVERSITY OF UTAH
<b>Street Address:</b>	615 ARAPEEN DRIVE, SUITE 310
<b>City:</b>	SALT LAKE CITY
<b>State/Country:</b>	UTAH
<b>Postal Code:</b>	84111
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	13415240
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(801)328-1707
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<b>Address Line 4:</b>	SALT LAKE CITY, UTAH 84111
<b>ATTORNEY DOCKET NUMBER:</b>	20210.6 INV TO UU
<b>NAME OF SUBMITTER:</b>	JOHN C. STRINGHAM
<b>SIGNATURE:</b>	/John C. Stringham, 40831/
<b>DATE SIGNED:</b>	05/05/2014
<b>Total Attachments: 3</b>	
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PROVISIONAL/PCT PATENT APPLICATION  
ASSIGNMENT TO BUSINESS CONCERN

Attorney Docket No.: 7475-73421  
Client Reference No.: U-3456

**ASSIGNMENT**

In consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration paid to each of the undersigned,

Name(s) of Inventor(s) Carl T. WITTWER  
Gudrun REED, and  
Luming ZHOU

Check applicable  
boxes and enter serial  
number and date  
if available

maker(s) of an invention which is the subject of a United States Provisional Patent Application  
identified as Serial No. \_\_\_\_\_ with a filing date of \_\_\_\_\_ and/or  
a ☒ PCT International Application filed October 22, 2003, entitled

Title of Application AMPLICON MELTING ANALYSIS WITH SATURATION DYES  
hereinafter (the "Application(s)")

the undersigned hereby sell(s), assign(s), and set(s) over to

Name of Assignee UNIVERSITY OF UTAH  
Address of principal place of business 615 Arapeen Drive, Suite 110  
Salt Lake City, Utah 84108

Insert State of Incorporation (if applicable) or "Not Applicable" a corporation of UTAH

(hereinafter designated as the Assignee) their entire right, title and interest in, to and under the Application(s), including all priority rights for the United States and other countries arising therefrom, all inventions therein disclosed, and any and all Letters Patent of the United States and of all other countries, including Canada and Mexico, which may be granted for such inventions, or any of them, all such inventions and all rights in such Application(s) and Letters Patent to be held and enjoyed by Assignee for its own use and enjoyment to the full end of the term or terms for which such Letters Patent may be granted, as fully and entirely as the same would have been held and enjoyed by them had this assignment and sale not been made.

The undersigned agree(s) to execute all papers necessary in connection with the Application(s) in the United States and counterpart applications in foreign countries and any continuing, divisional, or reissue applications thereof, and any reexamination of any of such Applications, and also to execute separate assignments in connection with such Applications as the Assignee may deem necessary or expedient.

The undersigned agree(s) to execute all papers necessary in connection with any interference which may be declared or litigation concerning the Application(s), U.S. national counterparts thereof, or continuation(s), division(s), reissue(s), reexamination(s) thereof, and to cooperate with the Assignee in every way possible in obtaining evidence and going forward with such interference or litigation.

The undersigned agree(s) to execute all papers and documents and perform any act which may be necessary in connection with claims or provisions of the International Convention for Protection of Industrial Property or similar agreements.

PROVISIONAL/PCT PATENT APPLICATION  
ASSIGNMENT TO BUSINESS CONCERN

The undersigned agree(s) to do all other acts which, in the opinion of Assignee, may be necessary or desirable to secure the grant of Letters Patent to Assignee or its nominees, in the United States and in all other countries where Assignee may desire to have such inventions, or any of them, patented, with specifications and claims in such form as shall be approved by Assignee and to vest and confirm in Assignee or its nominees the full and complete legal and equitable title to all such Letters Patent.

The undersigned hereby authorize(s) and request(s) the Commissioner of Patents to issue any and all Letters Patent of the United States resulting or following from said Application(s) or any division or divisions or continuing or reissue applications thereof, and any reexamination of any of such applications, to the said Assignee, as Assignee of the entire interest, and hereby covenants that the undersigned has full right to convey the interest herein assigned, and that the undersigned has not executed, and will not execute, any agreement in conflict herewith.

The undersigned hereby grant(s) the attorney of record the power to insert on this assignment any further identification which 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.

IN WITNESS WHEREOF, I have executed this assignment at Salt Lake City, Utah,  
this 27<sup>th</sup> day of January, 2004.

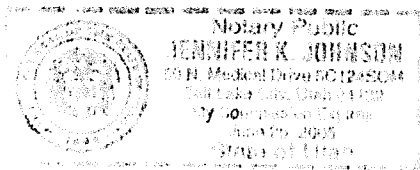
Outside the USA: \_\_\_\_\_  
Witnesses are \_\_\_\_\_  
required when \_\_\_\_\_  
acknowledgment \_\_\_\_\_  
before a Notary \_\_\_\_\_  
Public is not \_\_\_\_\_  
feasible. \_\_\_\_\_  
Witness

Carl T. Wittwer  
Inventor (Signature)  
  
Carl T. WITTWER  
Inventor (Printed Name)

ACKNOWLEDGMENT

STATE OF UTAH }  
COUNTY OF Salt Lake } SS:

Acknowledged before me, a Notary Public, within and for said County and State. Witness my hand and Notarial Seal  
this 27<sup>th</sup> day of January, 2004.



Jennifer K. Johnson  
Notary Public  
Jennifer K. Johnson  
Printed Name

My Commission Expires: 6/25/2005

Resident of Salt Lake County

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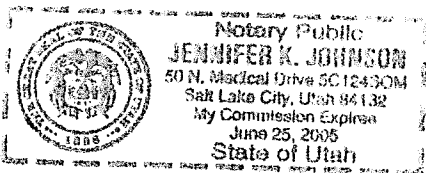
Outside the USA: \_\_\_\_\_  
Witnesses are \_\_\_\_\_  
required when \_\_\_\_\_  
acknowledgment \_\_\_\_\_  
before a Notary \_\_\_\_\_  
Public is not \_\_\_\_\_  
feasible. \_\_\_\_\_  
Witness

[Signature]  
Inventor (Signature)  
\_\_\_\_\_  
Gudrun REED  
Inventor (Printed Name)

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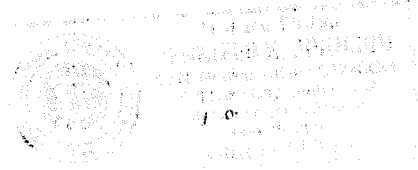
Outside the USA: \_\_\_\_\_  
Witnesses are \_\_\_\_\_  
required when \_\_\_\_\_  
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before a Notary \_\_\_\_\_  
Public is not \_\_\_\_\_  
feasible. \_\_\_\_\_  
Witness

[Signature]  
Inventor (Signature)  
\_\_\_\_\_  
Luming ZHOU  
Inventor (Printed Name)

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