

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Kenneth E Gonsalves	12/20/2010
Mingxing Wang	12/20/2010
RECEIVING PARTY DATA	
Name:	University of North Carolina at Charlotte
Street Address:	9201 University City Boulevard
City:	Charlotte
State/Country:	NORTH CAROLINA
Postal Code:	28223
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12997132
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ATTORNEY DOCKET NUMBER:	5012918.005US3
NAME OF SUBMITTER:	Tammy Stevens
Total Attachments: 3 source=005US3Assignment#page1.tif source=005US3Assignment#page2.tif	

CH \$40.00 12997132

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PATENT
REEL: 025788 FRAME: 0360

ASSIGNMENT

WHEREAS, Kenneth E. Gonsalves and Mingxing Wang (hereinafter referred to as "ASSIGNORS") have invented certain new and useful improvements in an invention entitled:

Photoacid Generators And Lithographic Resists Comprising The Same

- ☒ for which a non-provisional application for a United States Patent was filed with the United States Patent and Trademark Office on December 9, 2010, having a Utility Application Number 12/997,132; and for which an International Application was filed on June 10, 2009, having an International Application Number PCT/US2009/046957; and for which a provisional application was filed on November 7, 2008, having a Provisional Application Number 61/112,546; and for which a provisional application was filed on June 10, 2008, having a Provisional Application Number 61/060,166.
- ☐ for which an application for a United States Patent is being submitted to the United States Patent and Trademark Office and said application is attached hereto; and

WHEREAS, University of North Carolina at Charlotte, 9201 University City Boulevard, Charlotte, NC 28223-0001 (hereinafter referred to as the "ASSIGNEE"), is desirous of acquiring the entire right, title and interest in and to said inventions, and in and to said applications and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00), and other good and valuable consideration, the receipt of which is hereby acknowledged, ASSIGNORS hereby sell and transfer to said ASSIGNEE, and to ASSIGNEE'S successors and assigns, ASSIGNORS' entire right, title and interest in and to said invention in the United States and its territorial possessions and in all foreign countries and to all Letters Patent or similar legal protection in the United States and its territorial possessions and in any and all foreign countries to be obtained for said invention by said application including without limitation U. S. Application No. 12/997,132 and International Application No. PCT/US2009/046957 or any patent application claiming

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Docket No.: UNCC 09-012 US

Inventors: Kenneth E. Gonsalves and Mingxing Wang

priority to the application, or any continuation, division, continuation-in-part, reexamination, renewal, substitute, extension or reissue thereof or any legal equivalent thereof in a foreign country for the full term of terms for which the same may be granted; and authorize and request the Commissioner of Patents of the United States and any official of any foreign country whose duty it is to issue patents or legal equivalents thereto, to issue same for this invention to ASSIGNEE, its lawful successors and assigns.

ASSIGNORS further covenant that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts and documents relating to said application, said invention and said Letters Patent and legal equivalents in foreign countries as may be known and accessible to ASSIGNORS and will testify as to the same in any interference or litigation related thereto and will promptly execute and deliver to ASSIGNEE or its legal representative any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue and enforce said application, said invention and said Letters Patent and said equivalents thereof in any foreign country which may be necessary or desirable to carry out the purposes thereof.

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 20 day of

December, 2010.

Kenneth E. Gonsalves

Kenneth E. Gonsalves

State of North Carolina

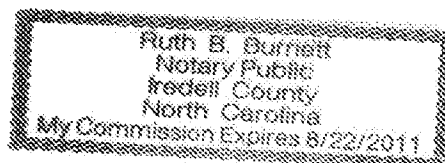
County of Hertford

Then personally appeared the above named Kenneth E. Gonsalves who acknowledged the foregoing instrument to be his/her free act and deed, before me, this 20 day of December, 2010.

(Seal)

Ruth B. Burnett
Notary Public Ruth B. Burnett

My Commission Expires:



PATENT

REEL: 025788 FRAME: 0363

Docket No.: UNCC 09-012 US

Inventors: Kenneth E. Gonsalves and Mingxing Wang

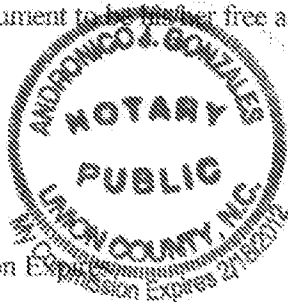
IN WITNESS WHEREOF, I have hereunto set my hand and seal this 20 day of Dec, 2010.

Mingxing Wang
Mingxing Wang

State of North CarolinaCounty of Wake

Then personally appeared the above named **Mingxing Wang** who acknowledged the foregoing instrument to be his free act and deed, before me, this 20 day of December, 2010.

(Seal)



Andrew J. Gonsalves
Notary Public

My Commission Expires February 18, 2012

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RECORDED: 02/10/2011

REEL: 025788 FRAME: 0364