503416194 07/30/2015

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL J. ESCUTI	07/28/2015
RAVI K. KOMANDURI	07/27/2015

RECEIVING PARTY DATA

Name:	NORTH CAROLINA STATE UNIVERSITY	
Street Address:	1021 MAIN CAMPUS DRIVE	
Internal Address:	2ND FLOOR	
City:	RALEIGH	
State/Country:	NORTH CAROLINA	
Postal Code:	27606	

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14813660

CORRESPONDENCE DATA

Fax Number: (919)854-1401

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.

Phone: 919-854-1400

cgregory@myersbigel.com Email:

MYERS BIGEL SIBLEY & SAJOVEC **Correspondent Name:**

Address Line 1: PO BOX 37428

Address Line 4: RALEIGH, NORTH CAROLINA 27627

ATTORNEY DOCKET NUMBER: 5051-867	
NAME OF SUBMITTER:	CAREY GREGORY
SIGNATURE: /cbg/	
DATE SIGNED:	07/30/2015

Total Attachments: 3

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> **PATENT** REEL: 036218 FRAME: 0212 503416194

ASSIGNMENT

THIS ASSIGNMENT, made by me, **Michael J. Escuti**, a citizen of United States of America, residing at 122 Agassi Ct., Cary, North Carolina 27695; and **Ravi K. Komanduri**, a citizen of India, residing at 43499 Ogden Place, Dulles, VA 20166;

WITNESSETH: That,

WHEREAS,	We are the invente	ors of certain new and useful improvements in Bragg	
Liquid Crystal Polarization Gratings for which an application has been filed, or is being			
concurrently filed, in	the United States	Patent and Trademark Office. We hereby authorize and	
request Myers Bigel Sibley & Sajovec, P.A., to insert here in parentheses (Application			
No	, filed	the filing date and application number of said	
application when kno	own or to file this	Assignment concurrently with the application; and	

WHEREAS, North Carolina State University, a constituent institution of The University of North Carolina and an educational institution chartered under the laws of the State of North Carolina having a principal place of business at 1021 Main Campus Drive, 2nd Floor, Raleigh, North Carolina 27606, hereinafter referred to as assignee, is desirous of acquiring my entire right, title and interest in and to said invention as described in said application(s), and in and to any and all Letters Patent which shall be granted therefor in the United States of America and all foreign countries;

NOW, THEREFORE, To Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we have sold and by these presents do hereby sell, assign, transfer, and convey unto the said assignee, its successors and assigns, the entire right, title, and interest in and to the said invention and application, and in and to any and all subsequent patent applications which claim the benefit of priority from said application including regular utility, continuations, and continuations-in-part, or divisions thereof, and in and to any and all Letters Patent of the United States of America and all foreign countries or reissues or other forms of protection thereof which may be granted for the invention in or on applications claiming the benefit of priority from said application, for the full end of the term for which said Letters Patent may be granted along with any term extensions thereof or therefor, together with the right to claim the benefit of priority from said application in all foreign countries in accordance with the International Convention, the same to be held and

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enjoyed by said assignee, its successors and assigns, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

We further covenant and agree that, at the time of the execution and delivery of these presents, we possess full title to the invention and application above-mentioned, and that I have the unencumbered right and authority to make this assignment.

We further covenant and agree to communicate to said assignee or its representatives any facts known to us relating to said invention, to testify in any interference or legal proceedings involving said invention, to execute any additional papers which may be requested to confirm the right of the assignee, its representatives, successors, or assigns to secure patent or similar protection for the said invention in all countries and to vest in the assignee complete title to the said invention and Letters Patent, without further compensation, but at the expense of said assignee, its successors, assigns, and other legal representatives; and we hereby instruct, and further covenant and agree to bind our heirs, legal representatives, and assigns, to do same, without further compensation, but at the expense of said assignee or its representatives.

IN WITNESS WHEREOF, I have hereunto set my hand and seal on this 28 July, 2015.

STATE OF NORTH CAROLINA COUNTY OF WAKE

Before me personally appeared Michael J. Escuti described in and who executed the foregoing instrument, and he acknowledged to me that he executed the same for the purposes

therein stated, this day of July, 2015.

SEA

Notary Public mmission Expires: July 29, 2019

IN WITNESS WHEREOF, I h	ave hereunto set my hand and seal on this 27 day of
<u>July</u> , 2015.	K. Pawi
	Davi K. Komanduri
STATE OF Vivania	
COUNTY OF Fanfax	- SS.
Before me personally appeared	Ravi K. Komanduri described in and who executed the
	dged to me that he executed the same for the purposes
therein stated, this 27 day of	July 2015
GECILIO	All Bo
COMMISSION EXPIRES	Notary Public
SEAL NAITH OF THE SEAL SEAL SEAL SEAL SEAL SEAL SEAL SEA	
My Commission Expires: 7131/2219	

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RECORDED: 07/30/2015