

PATENT ASSIGNMENT

Electronic Version v1.1

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SUBMISSION TYPE:	NEW ASSIGNMENT										
NATURE OF CONVEYANCE:	ASSIGNMENT										
CONVEYING PARTY DATA											
<table border="1"><thead><tr><th>Name</th><th>Execution Date</th></tr></thead><tbody><tr><td>Songnan Yang</td><td>09/04/2008</td></tr><tr><td>Aly E Fathy</td><td>09/05/2008</td></tr></tbody></table>	Name	Execution Date	Songnan Yang	09/04/2008	Aly E Fathy	09/05/2008					
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Songnan Yang	09/04/2008										
Aly E Fathy	09/05/2008										
RECEIVING PARTY DATA											
<table border="1"><tr><td>Name:</td><td>University of Tennessee Research Foundation</td></tr><tr><td>Street Address:</td><td>1534 White Avenue, Suite 403</td></tr><tr><td>City:</td><td>Knoxville</td></tr><tr><td>State/Country:</td><td>TENNESSEE</td></tr><tr><td>Postal Code:</td><td>37996</td></tr></table>	Name:	University of Tennessee Research Foundation	Street Address:	1534 White Avenue, Suite 403	City:	Knoxville	State/Country:	TENNESSEE	Postal Code:	37996	
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PROPERTY NUMBERS Total: 1											
<table border="1"><thead><tr><th>Property Type</th><th>Number</th></tr></thead><tbody><tr><td>Application Number:</td><td>12205785</td></tr></tbody></table>	Property Type	Number	Application Number:	12205785							
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CORRESPONDENCE DATA											
Fax Number: (865)584-0104 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>											
Email: jkhtrademarks@pitts-brittan.com											
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ATTORNEY DOCKET NUMBER:	33255.00 (2456)										
NAME OF SUBMITTER:	J. Kenneth Hoffmeister										
Total Attachments: 2 source=00167899#page1.tif source=00167898#page1.tif											

OP \$40.00 12205785

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PATENT
REEL: 022291 FRAME: 0504

Docket Number: 33255.00

ASSIGNMENT

I, the below-identified Inventor, for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to

University of Tennessee Research Foundation, a corporation of TN, domiciled in Knox County, TN

(hereinafter "Assignee"), its successors, assigns, and legal representatives the entire right, title and interest throughout the world in and to all subject matter invented by me and disclosed in the application for a Letters Patent in the United States executed by me on the date hereinafter indicated entitled:

Substrate Integrated Waveguide Antenna Array

and in and to all patent and all foreign, convention and treaty rights of all kinds, in all countries throughout the world, for all such subject matter or improvements therein. I agree to sign all papers necessary to secure all said patent rights, and request issuance of all said patents to Assignee in accordance with this assignment.

Date

9/5/08

Inventor

Aly E. FATHY
12506 Mallard Bay Drive
Knoxville, TN 37922
Knox County, TN

IN THE COUNTY OF _____)
STATE OF _____) ss.:

I hereby certify that before me personally appeared Aly E. FATHY, personally known by me, who then and there was duly sworn by me, and under oath acknowledged that the foregoing instrument was duly signed, sealed and delivered by Aly E. FATHY on the date appearing at the foot thereof, all of which took place within my jurisdiction.

NOTARY PUBLIC

My Commission Expires: _____

ASSIGNMENT

I, the below-identified Inventor, for good and valuable consideration, receipt of which is hereby acknowledged, have assigned and do hereby assign to


University of Tennessee Research Foundation, a corporation of TN, domiciled in Knox County, TN

(hereinafter "Assignee") , its successors, assigns, and legal representatives the entire right, title and interest throughout the world in and to all subject matter invented by me and disclosed in the application for a Letters Patent in the United States executed by me on the date hereinafter indicated entitled:

Substrate Integrated Waveguide Antenna Array

and in and to all patent and all foreign, convention and treaty rights of all kinds, in all countries throughout the world, for all such subject matter or improvements therein. I agree to sign all papers necessary to secure all said patent rights, and request issuance of all said patents to Assignee in accordance with this assignment.

Sept. 4, 2008
Date


Inventor
Songnan YANG
515 Boynton, Apt. 30
San Jose, CA 95117
Santa Clara County, CA

IN THE COUNTY OF _____)
STATE OF _____) ss.:
I hereby certify that before me personally appeared <u>Songnan YANG</u> , personally known by me, who then and there was duly sworn by me, and under oath acknowledged that the foregoing instrument was duly signed, sealed and delivered by <u>Songnan YANG</u> on the date appearing at the foot thereof, all of which took place within my jurisdiction.	
NOTARY PUBLIC	_____
My Commission Expires:	_____