RECORDATION FORM COVER SHEET PATENTS ONLY OPE-004USC1 To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) be 1. Name of conveying party(ies) The University of Connecticut Additional name(s) of conveying party(les) attached? Yes No 3. Nature of conveyance/Execution Date(s): Execution Date(s) December 12, 2007 Assignment Merger Security Agreement Change of Name Joint Research Agreement Government Interest Assignment Executive Order 9424, Confirmatory License Other Additional name(s) & address(es) attached? Yes Application or patent number(s): Additional name(s) & address(es) attached? Yes Additional name(s) & address(es) attached? Yes Additional name(s) & address(es) B. Patent No.(s) 5. Name and address to whom correspondence concerning document should be mailed: Name: Gordon & Jacobson, P.C. Internal Address: Authorized to be charged by credit card	form PTO-1595 (Rev. 03/05)	U.S. DEPARTMENT OF COMMERCE United States Patent and Trademark Office
To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) be 1. Name of conveying party(les) The University of Connecticut The	RECORDATION FORM COVER SHEET PATENTS ONLY OPE-004USC1	
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The University of Connecticut Name: The University of Connecticut Internal Address:		2. Name and address of receiving party(ies)
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Additional name(s) of conveying party(les) attached? Yes No 3. Nature of conveyance/Execution Date(s): Execution Date(s) <u>December 12, 2007</u> Assignment	The University of Connecticut	<u> </u>
Street Address: 263 FarmIngton Avenue Execution Date(s) Decamber 12, 2007 Assignment Security Agreement Government Interest Assignment Executive Order 9424, Confirmatory License Other Additional name(s) & address(es) attached? Yes Application or patent number(s): A Patent Application No.(s) 11/053,350 Additional numbers attached? Additional number of applications and patents involved: one Name: Gordon & Jacobson, P.C. Internal Address: Street Address: 263 FarmIngton Avenue City: Farmington State: CT Country: Zip:06030 Additional name(s) & address(es) attached? Yes Additional name(s) & address(es) attached? Yes Additional numbers attached? Additional number of applications and patents involved: one 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Authorized to be charged to deposit account interest not affect to be charged to deposit account intere		Internal / Moreou.
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✓ Assignment Merger Security Agreement Change of Name Joint Research Agreement State: CT Government Interest Assignment Country: Zip:06030 Executive Order 9424, Confirmatory License Additional name(s) & address(es) attached? Yes 4. Application or patent number(s): This document is being filed together with a new appl B. Patent No.(s) 4. Application No.(s) B. Patent No.(s) 11/053,350 B. Patent No.(s) 5. Name and address to whom correspondence concerning document should be mailed: 6. Total number of applications and patents involved: one Name: Gordon & Jacobson, P.C. 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Internal Address: Authorized to be charged by credit card Street Address: 60 Long Ridge Road Authorized to be charged to deposit account interest not affect at the concerning document interest not affect involved: one Street Address: 60 Long Ridge Road Enclosed Street Address: 60 Long Ridge Road None required (government interest not affect in a credit Card Last 4 Numbers Expiration Date) State: CT Zip:06902 Phone Number: 203 323-1800 b. Deposit Account Number 07-1732 Authorized User Name Jay P. Shrellini	3. Nature of conveyance/Execution Date(s):	Street Address: 263 Farmington Avenue
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State: CT	Street Address: 60 Long Ridge Road	. 😑
State: CT	Suite 407	None required (government interest not affecting title
State: CT	City: Stamford	8. Payment Information
Phone Number: 203 323-1800 b. Deposit Account Number 07-1732 Fax Number: 203 323-1803 Authorized User Name Jay P. Shrellini		
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9. Signature: Dec. 14, 20	-	Te Dec. 14,2007
Signature Date Lav P. Shrollini Total number of pages including cover	_	Total number of nades including cover
Jay P. Sbrollini Total number of pages including cover sheet, attachments, and documents:		

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Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1460, Alexandria, V.A. 22313-1450

Patent Application No. 11/050,350

Our Docket No. OPE-004USC1

ADDITIONAL NAME AND ADDRESS OF RECEIVING PARTIES

Opel, Inc. 3 Corporate Drive Suite 204 Shelton, CT 06484

> PATENT REEL: 020258 FRAME: 0639

OPE-004USC1

ASSIGNMENT

WHEREAS, The University of Connecticut, (ASSIGNOR), a public institution of higher education, organized under the laws of the state of Connecticut, having a place of business at 263 Farmington Avenue, Farmington, CT 06030, is the record owner of the entire right, title and interest in and to the following invention:

A Modulation Doped Thyristor and Complementary Transistor Combination for a Monolithic Optoelectronic Integrated Circuit

as described and set forth in an application for Letters Patent of the United States of America, filed on February 8, 2005 as serial number 11/053,350 pursuant to an assignment from the inventor Geoff W. Taylor, which assignment was recorded in the United States Patent and Trademark Office at REEL 016971 and FRAME 0885 (Attorney Docket No. OPE-004USCI).

AND WHEREAS, The University of Connecticut, a public institution of higher education, organized under the laws of the state of Connecticut, having a place of business at 263 Farmington Avenue, Farmington, CT 06030, and Opel, Inc., a corporation organized under the laws of the state of Delaware, having a place of business at 3 Corporate Drive, Suite 204, Shelton, CT 06484, both entities hereinafter referred to as the "said ASSIGNEES", are desirous of acquiring or confirming its acquisition of the entire right, title and interest in and to said invention, inventions or improvements, and in and to said application, and in and to any and all patents, both of the United States and of all foreign countries, that may be obtained therefor;

NOW, THEREFORE TO ALL WHOM IT MAY CONCERN, BE IT KNOWN, that, ASSIGNOR, for good and valuable considerations, the receipt and sufficiency of which the ASSIGNOR hereby acknowledges, have sold, assigned, transferred and conveyed, and by this assignment do sell, assign, transfer and convey, unto said ASSIGNEES, its successors and assigns, the entire right, title and interest throughout the world, in and to my invention, inventions or improvements described or set forth in said application, in any form or embodiment thereof, and in and to said application, and in and to any applications filed in any foreign country based thereon, including the right to file foreign applications under the provisions of any convention or treaty; and in and to any confirmation, divisional, continuation, continuation-in-part, or substitute application which may filed on said invention, inventions or improvements in the United States or in any foreign country; and in and to any and all patents, certificates, utility models, reissues, extensions, additions or confirmations thereof which may be granted in the United States or in any foreign country upon said invention, inventions or improvements, to have and to hold the same to the full end of the term or terms for which any and all such United States and foreign patents and grants may be issued on said invention, inventions or improvements.

AND ASSIGNOR does hereby authorize and request the issuing authority to issue any and all of said United States and foreign patents on said application or applications to said ASSIGNEES, its successors and assigns, as the assignee of the entire right, title and interest in and to the same, for the sole use and benefit of said ASSIGNEES, it successors and assigns.

AND ASSIGNOR does hereby covenant and warrant that ASSIGNOR has full right to convey the entire right, title and interest herein assigned free and clear of all licenses, encumbrances and liens whatsoever, and that the ASSIGNOR has not executed and will not execute any instruments in conflict herewith.

AND ASSIGNOR, for the conditions aforesaid, do hereby covenant and agree to and with the said ASSIGNEES, its successors and assigns, that ASSIGNOR, its executors, administrators, or other

1

PATENT REEL: 020258 FRAME: 0640

OPE-004USC1

personal representatives, shall and will do all lawful acts and things, make all rightful oaths, and make, execute, and deliver any and all other instruments in writing, and any and all further applications, papers, powers, affidavits, assignments, disclaimers and other documents, which in the opinion of counsel for said ASSIGNEES, its successors and assigns, may be required or necessary in this or in any foreign country more effectually to secure to and vest in said ASSIGNEES, its successors and assigns, the entire right, title and interest in and to said invention, inventions, or improvements, application or applications, patents, rights, titles, benefits, privileges and advantages hereby sold, assigned, confirmed, transferred and conveyed.

The undersigned hereby grant(s) David P. Gordon, Esq., David S. Jacobson, Esq., and Jay P. Sbrollini, Esq. the power to insert on this Assignment any further identification which may be necessary in order to comply with the rules of the U.S. Patent and Trademark Office for the recordation of this document.

IN WITNESS WHEREOF, I, Michael F. Newborg, a duly authorized representative of the ASSIGNOR, have hereunto set my hand and seal this _____ day of _______. 20.07___.

Assignor

BE IT KNOWN, that on this A day of Acceptus, 2007 personally appeared Millard to me known and known to me to be the individual described in and who executed the foregoing assignment and he/she acknowledged to me that he/she executed the same.

Margaret M. Llegest

SHAI

My commission expires: My Commission Ex

My Commission Exp. Sep. 30, 2010

____12/14/2007 14:36 2033231803 GORDON&JACOBSON

DAVID P. GORDON Admitted in CT and NY

DAVID S. JACOSSON Admitted in CT, NY and NJ

JAY P. SEROLLINI Admitted in NY, MA and DC

OF COUNSEL: Thomas A. Gallagher Admitted in NY and NJ

GORDON & JACOBSON, P.C.

INTELLECTUAL PROPERTY LAW

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PAGE 01

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To: Assignment Branch Date: December 14, 2007

Fax No.: 571-273-0140 No. Pages: 5 (including cover)

From: Gordon & Jacobson

Subject: Assignment Recordation for patent application number 11/053,350

My case OPE-004USC1

Comments:

RECORDED: 12/14/2007

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Please send confirmation of recordation of assignment to fax number 203 323-1803

All fees are to be charged to Deposit Account No. 07-1732

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PATENT REEL: 020258 FRAME: 0642