

Form PTO-1595 (Rev. 03/05)
OMB No. 0651-0027 (exp. 6/30/2005)

U.S. DEPARTMENT OF COMMERCE
United States Patent and Trademark Office

RECORDATION FORM COVER SHEET PATENTS ONLY

OPE-024D1

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)

Geoff W. Taylor
Jianhong Cai
Daniel C. Upp

Additional name(s) of conveying party(ies) attached? Yes No

2. Name and address of receiving party(ies)

Name: The University of Connecticut

Internal Address: _____

Street Address: 263 Farmington Avenue

City: Farmington

State: CT

Country: _____ Zip: 06030

Additional name(s) & address(es) attached? Yes No

3. Nature of conveyance/Execution Date(s):

Execution Date(s) June 20, 2003, November 12, 2003

- Assignment Merger
- Security Agreement Change of Name
- Joint Research Agreement
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)
11/424,012

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address to whom correspondence concerning document should be mailed:

Name: Gordon & Jacobson, P.C.

Internal Address: _____

Street Address: 60 Long Ridge Road
Suite 407

City: Stamford

State: CT Zip: 06902

Phone Number: 203 323-1800

Fax Number: 203 323-1803

Email Address: _____

6. Total number of applications and patents involved: one

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

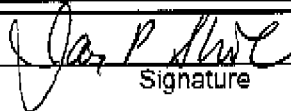
8. Payment Information

a. Credit Card Last 4 Numbers _____
Expiration Date _____

b. Deposit Account Number 07-1732

Authorized User Name Jay P. Sbrollini

9. Signature:


Signature

Jan. 31, 2008
Date

Jay P. Sbrollini

Name of Person Signing

Total number of pages including cover sheet, attachments, and documents:

3

Documents to be recorded (including cover sheet) should be faxed to (703) 308-5985, or mailed to:
Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box 1450, Alexandria, V.A. 22313-1450

CH \$40.00 071732 11424012

Application No. 11/424,012

Our Docket No. OPE-024D1

ADDITIONAL NAME AND ADDRESS OF RECEIVING PARTIES

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

Docket No.: OPE-024

ASSIGNMENT

WHEREAS, I, **Geoff W. Taylor**, ASSIGNOR, citizen of the United States, residing at 22 Quail Run, Mansfield, CT 06268 is the inventor of the invention in

INTERFERENCE CANCELLATION SYSTEM EMPLOYING PHOTONIC SIGMA DELTA MODULATION AND OPTICAL TRUE TIME DELAY

as described and set forth in an application for Letters Patent of the United States of America, executed by me on the 20th day of June 2003 (Docket No. OPE-024).

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 255 Quaker Lane, Suite 100, West Warwick, RI 02893, ASSIGNEES are desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEES, their successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof; and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEES, their successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEES, their successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing reissue and foreign applications make all rightful oaths, and generally do everything possible to aid the said ASSIGNEES, their successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

The undersigned hereby grant(s) David P. Gordon 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 TESTIMONY WHEREOF, I, **Geoff W. Taylor**, hereunto set my hand and seal the day and year set opposite my respective signature.

Geoff W Taylor L.S.
Geoff W. Taylor

Date June 20, 2003

State of Connecticut }
County of Tolland } ss: Coventry

BE IT KNOWN, that on this 20th day of June 2003, personally appeared **Geoff W. Taylor**, to me known and known to me to be the individual described in and who executed the foregoing assignment and he acknowledged to me that he executed the same.

Andrea J. Houser
Notary Public

SEAL

My commission expires : 11-30-06

Docket No.: OPE-024

ASSIGNMENT

WHEREAS, I, **Jianhong Cai**, ASSIGNOR, citizen of the Canada, residing at 8 Royal Crest Drive, #1, Nashua, NH 03060 is the inventor of the invention in

INTERFERENCE CANCELLATION SYSTEM EMPLOYING PHOTONIC SIGMA DELTA MODULATION AND OPTICAL TRUE TIME DELAY

as described and set forth in an application for Letters Patent of the United States of America, executed by me on the 26th day of June 2003 (Docket No. OPE-024).

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 255 Quaker Lane, Suite 100, West Warwick, RI 02893, ASSIGNEES are desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEES, their successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof; and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND I HEREBY authorize and request the Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEES, their successors, legal representatives and assigns, in accordance with the terms of this instrument.

AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

Docket No. **OPE-024**

AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEES, their successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing reissue and foreign applications make all rightful oaths, and generally do everything possible to aid the said ASSIGNEES, their successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

The undersigned hereby grant(s) David P. Gordon and David S. Jacobson 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 TESTIMONY WHEREOF, I, **Jianhong Cai**, hereunto set my hand and seal the day and year set opposite my respective signature.

Jian Hong Cai

Jianhong Cai

L.S.

Date June 20, 2003

State of Connecticut)

County of Tolland)

ss: Coxentry

BE IT KNOWN, that on this 20th day of June, 2003, personally appeared **Jianhong Cai**, to me known and known to me to be the individual described in and who executed the foregoing assignment and he acknowledged to me that he executed the same.

Robert J. Hoover
Notary Public

SEAL

My commission expires 11-30-06

Docket No.: OPE-024

ASSIGNMENT


WHEREAS, I, **Daniel C. Upp**, ASSIGNOR, citizen of the United States, residing at 15 Pepper Tree Hill Lane, Southbury, CT 06488 is the inventor of the invention in

**INTERFERENCE CANCELLATION SYSTEM EMPLOYING PHOTONIC SIGMA DELTA
MODULATION AND OPTICAL TRUE TIME DELAY**

as described and set forth in an application for Letters Patent of the United States of America, filed by me on the **24th** day of **June 2003** as **serial number 10/602,217** (**Docket No. OPE-024**).

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 255 Quaker Lane, Suite 100, West Warwick, RI 02893, ASSIGNEES are desirous of obtaining the entire right, title and interest in, to and under the said invention and the said application.

NOW, THEREFORE, in consideration of the sum of One Dollar (\$1.00) to me in hand paid, and other good and valuable consideration, the receipt of which is hereby acknowledged, I, the said ASSIGNOR, have sold, assigned, transferred and set over, and by these presents do hereby sell, assign, transfer and set over, unto the said ASSIGNEES, their successors, legal representatives and assigns, the entire right, title and interest in, to and under the said invention, and the said United States application and all divisions, renewals and continuations thereof; and all Patents of the United States which may be granted thereon and all reissues and extensions thereof; and all applications for industrial property protection, including, without limitation, all applications for patents, utility models, and designs which may hereafter be filed for said invention in any country or countries foreign to the United States, the International Convention for the Protection of Industrial Property, or any other international agreement or the domestic laws of the country in which any such application is filed, as may be applicable; and all forms of industrial property protection, including, without limitation, patents, utility models, inventors' certificates and designs which may be granted for said invention in any country or countries foreign to the United States and all extensions, renewals and reissues thereof;

AND I HEREBY authorize and request the  Commissioner of Patents and Trademarks of the United States, and any Official of any country or countries foreign to the United States, whose duty it is to issue patents or other evidence or forms of industrial property protection on applications as aforesaid, to issue the same to the said ASSIGNEES, their successors, legal representatives and assigns, in accordance with the terms of this instrument.

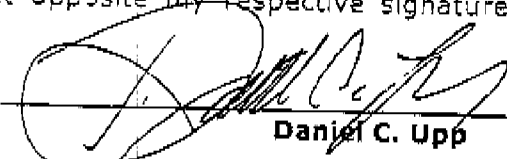
AND I HEREBY covenant and agree that I have full right to convey the entire interest herein assigned, and that I have not executed, and will not execute, any agreement in conflict herewith.

Docket No.: **OPE-024**

AND I HEREBY further covenant and agree that I will communicate to the said ASSIGNEES, their successors, legal representatives and assigns, any facts known to me respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuing reissue and foreign applications make all rightful oaths, and generally do everything possible to aid the said ASSIGNEES, their successors, legal representatives and assigns, to obtain and enforce proper protection for said invention in all countries.

The undersigned hereby grant(s) David J. Gordon and David S. Jacobson 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 TESTIMONY WHEREOF, I, **Daniel C. Upp**, hereunto set my hand and seal the day and year set opposite my respective signature.


_____ L.S.
Daniel C. Upp

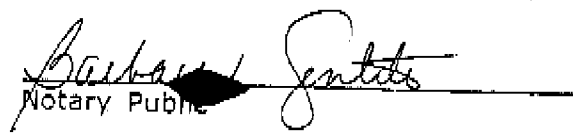
Date 12 Nov, 2003

State of Connecticut

County of New Haven

} ss: Siratobum

BE IT KNOWN, that on his 12th day of November 2003, personally appeared **Daniel C. Upp**, to me known and known to me to be the individual described in and who executed the foregoing assignment and he acknowledged to me that he executed the same.



Notary Public

SEAL

My commission expires :

BARBARA GENTILE
NOTARY PUBLIC
MY COMMISSION EXPIRES AUG. 31, 2007