

PATENT ASSIGNMENT

Electronic Version v1.1

Stylesheet Version v1.1

SUBMISSION TYPE:

NEW ASSIGNMENT

NATURE OF CONVEYANCE:

ASSIGNMENT

CONVEYING PARTY DATA

| Name            | Execution Date |
|-----------------|----------------|
| George Chik     | 12/20/2006     |
| Thomas MacElwee | 12/20/2006     |
| Iain Calder     | 12/20/2006     |
| E. Steven Hill  | 12/20/2006     |
| Peter Mascher   | 12/20/2006     |
| Jacek Wojcik    | 12/20/2006     |

RECEIVING PARTY DATA

|                 |                              |
|-----------------|------------------------------|
| Name:           | Group IV Semiconductor, Inc. |
| Street Address: | 540 Brierwood Avenuet        |
| City:           | Ottawa, Ontario              |
| State/Country:  | CANADA                       |
| Postal Code:    | K2A 2H5                      |

|                 |                     |
|-----------------|---------------------|
| Name:           | McMaster University |
| Street Address: | 1280 Main Street    |
| City:           | Hamilton, Ontario   |
| State/Country:  | CANADA              |
| Postal Code:    | L8S 4L7             |

PROPERTY NUMBERS Total: 1

| Property Type       | Number   |
|---------------------|----------|
| Application Number: | 11642786 |

CORRESPONDENCE DATA

Fax Number: (613)523-6799

*Correspondence will be sent via US Mail when the fax attempt is unsuccessful.*

Phone: 613 523 3784 Ext 101

PATENT

500248939

REEL: 019086 FRAME: 0040

CH \$40.00 11642786

|                     |                                 |
|---------------------|---------------------------------|
| Email:              | eileen@patents.org              |
| Correspondent Name: | Teitelbaum & MacLean            |
| Address Line 1:     | 280 Sunnyside Avenue            |
| Address Line 4:     | Ottawa, Ontario, CANADA K1S 0R8 |

|                         |          |
|-------------------------|----------|
| ATTORNEY DOCKET NUMBER: | 135-7 US |
|-------------------------|----------|

|                    |                 |
|--------------------|-----------------|
| NAME OF SUBMITTER: | Eileen Woodside |
|--------------------|-----------------|

**Total Attachments: 6**

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Assignment 135-7 US

ASSIGNMENT OF INVENTION  
UNIVERSAL

WHEREAS, I/we George CHIK; Thomas MacELWEE; Iain CALDER; E. Steven HILL; Peter MASCHER; and Jacek WOJCIK, whose full post office address(es) is/are 11 Maki Place, Nepean, Ontario, Canada K2H 9R5; 11 Otten Drive, Nepean, Ontario, Canada K2S 1S2; 17 Drainie Drive, Kanata, Ontario, Canada K2L 3J6; 95 Second Avenue, Ottawa, Ontario, Canada K1S 2H4; 77 Robinhood Drive, Dundas, Ontario, Canada L9H 4G2; and ~~613-101~~

~~Governor's Road, Dundas, Ontario, Canada L9H 6L7~~, respectively, have made an invention as described in the patent application entitled

57 Ventura Drive, Stony Creek,  
Ontario L8T 1W5  
JP

## CARBON PASSIVATION IN SOLID STATE LIGHT EMITTERS

filed herewith.

I/we hereby authorize my/our attorney to insert here in parentheses

(Application Number \_\_\_\_\_, filed \_\_\_\_\_), the filing date and application number of said application, when known.

WHEREAS, Group IV Semiconductor, Inc. and McMaster University (hereinafter referred to as the assignees), whose full post office addresses are 540 Brierwood Avenue, Ottawa, Ontario, K2A 2H5, Canada and 1280 Main Street West, Hamilton, Ontario, L8S 4L7, Canada, respectively, are desirous of acquiring the entire right, title and interest in and to said invention or inventions and in and to any and all patents to be obtained therefor;

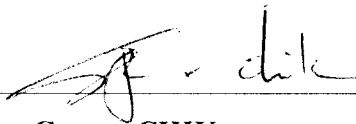
NOW, THEREFORE, To All Whom It May Concern, be it known that for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I/we have and by these presents do hereby sell, assign and transfer unto said assignee, its successors and assignees, the entire right, title and interest in and to said invention or inventions, as described in the aforesaid application, in any form or embodiment thereof, and in and to the aforesaid application, and in and to any applications filed in any foreign country based thereon, including the right to file said foreign applications under the provisions of the International Convention; also the entire right, title and interest in and to any and all patents, reissues or extensions thereof to be obtained in this or any foreign country upon said invention or inventions, and any divisional, continuation, substitute application(s) or supplementary disclosure(s) which may be filed upon said invention or inventions,

in any country; and I/we hereby authorize and request the issuing authority to issue any and all patents on said application or applications to said assignee.

I/We hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that wilful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such wilful false statements may jeopardize the validity of the application or any patent issued thereon.

Executed this 25<sup>th</sup> day of December, 2006.

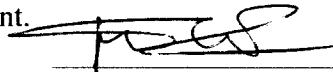
at Ottawa Ontario Canada.  
(place)

  
George CHIK

**Declaration by Witness**

I, Howard Tweedle, whose full post office address is  
1333 Huntmar Drive, Cap, Ont say:

That I was personally present and did see **George CHIK**, who is personally known to me, duly sign and execute the above Assignment.

  
Signature of Witness

Executed this 20<sup>th</sup> day of December, 2006.

at Ottawa Ontario Canada.  
(place)

  
Thomas MacELWEE

**Declaration by Witness**

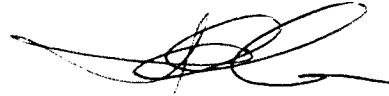
I, Howard Tweedle, whose full post office address is  
1333 Huntmar Drive, Cap, Ont say:

That I was personally present and did see **Thomas MacELWEE**, who is personally known to me, duly sign and execute the above Assignment.

  
Signature of Witness

Executed this 20 day of DECEMBER, 2006.

at OTTAWA, ONT  
(place)



**Iain CALDER**

**Declaration by Witness**

I, Howard Tweddle, whose full post office address is  
1333 Humber Drng Cpy, Ont say:

That I was personally present and did see **Iain CALDER**, who is personally known to me,  
duly sign and execute the above Assignment.



Signature of Witness

Executed this \_\_\_\_ day of \_\_\_\_\_, 2006.

at \_\_\_\_\_  
(place)

**E. Steven HILL**

**Declaration by Witness**

I, \_\_\_\_\_, whose full post office address is  
\_\_\_\_\_ say:

That I was personally present and did see **E. Steven HILL**, who is personally known to me,  
duly sign and execute the above Assignment.

Signature of Witness

Executed this \_\_\_\_ day of \_\_\_\_\_, 2006.

at \_\_\_\_\_  
(place)

**Peter MASCHER**

Executed this \_\_\_\_ day of \_\_\_\_\_, 2006.

at \_\_\_\_\_  
(place)

Iain CALDER

**Declaration by Witness**

I, \_\_\_\_\_, whose full post office address is  
\_\_\_\_\_, say:

That I was personally present and did see **Iain CALDER**, who is personally known to me,  
duly sign and execute the above Assignment.

\_\_\_\_\_  
Signature of Witness

Executed this 20 day of DECEMBER, 2006.

at OTAWA, ONT.  
(place)

E. Steven Hill  
**E. Steven HILL**

**Declaration by Witness**

I, \_\_\_\_\_, whose full post office address is  
\_\_\_\_\_, say:

That I was personally present and did see **E. Steven HILL**, who is personally known to me,  
duly sign and execute the above Assignment.

\_\_\_\_\_  
Signature of Witness

Executed this \_\_\_\_ day of \_\_\_\_\_, 2006.

at \_\_\_\_\_  
(place)

Peter MASCHER

Assignment 135-7 US

Executed this \_\_\_\_ day of \_\_\_\_\_, 2006.

at \_\_\_\_\_  
(place)

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Iain CALDER**Declaration by Witness**I, \_\_\_\_\_, whose full post office address is  
\_\_\_\_\_ say:That I was personally present and did see Iain CALDER, who is personally known to me,  
duly sign and execute the above Assignment.

---

Signature of Witness

Executed this \_\_\_\_ day of \_\_\_\_\_, 2006.

at \_\_\_\_\_  
(place)

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E. Steven HILL**Declaration by Witness**I, \_\_\_\_\_, whose full post office address is  
\_\_\_\_\_ say:That I was personally present and did see E. Steven HILL, who is personally known to me,  
duly sign and execute the above Assignment.

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Signature of WitnessExecuted this 20th day of December, 2006.at Hamilton, Ontario  
(place)  

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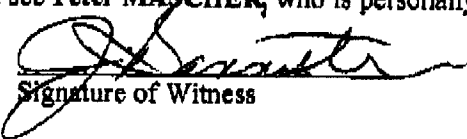
Peter MASCHER

Assignment 135-7 US

## Declaration by Witness

I, Joanne Bannister, whose full post office address is  
49 Renata Ct, Dundas Ont say:

That I was personally present and did see Peter MASCHER, who is personally known to me,  
duly sign and execute the above Assignment.

  
Signature of Witness

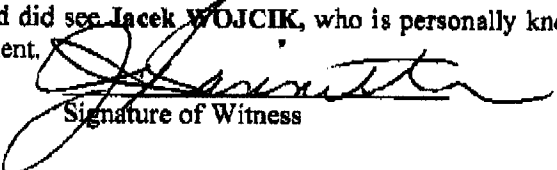
Executed this 20 day of December, 2006.  
at Hamilton, Ontario  
(place)

  
Jacek WOJCIK

## Declaration by Witness

I, Joanne Bannister, whose full post office address is  
49 Renata Ct, Dundas, Ont say:

That I was personally present and did see Jacek WOJCIK, who is personally known to me,  
duly sign and execute the above Assignment.

  
Signature of Witness