

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Iain Calder	08/19/2009
Carla Miner	07/24/2009
George Chik	07/27/2009
Thomas MacElwee	07/24/2009
RECEIVING PARTY DATA	
Name:	Group IV Semiconductor, Inc.
Street Address:	400 March Road
City:	Ottawa
State/Country:	CANADA
Postal Code:	K2K 3H4
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12508033
CORRESPONDENCE DATA	
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ATTORNEY DOCKET NUMBER:	135-15 US CIP
NAME OF SUBMITTER:	Melanie Budarick

OP \$40.00 12508033

Total Attachments: 4
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**PATENT
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**ASSIGNMENT OF INVENTION
UNIVERSAL**

WHEREAS, I/we **Iain CALDER; Carla MINER; George CHIK; and Thomas MACELWEE**, whose full post office address(es) is/are **17 Drainie Drive, Kanata, Ontario, K2L 3J6, Canada; 111 Northshire Drive, Carp, Ontario, K0A 1L0, Canada; 11 Maki Place, Nepean, Ontario, K2H 9R5, Canada; and 11 Otten Drive, Nepean, Ontario, K2S 1S2, Canada, respectively**, have made an invention as described in the patent application entitled

**ENGINEERED STRUCTURE FOR HIGH BRIGHTNESS
SOLID-STATE LIGHT EMITTERS**

filed herewith.

I/we hereby authorize my/our attorney to insert here in parentheses (Application Number 12/508,033, filed 07/23/2009), the filing date and application number of said application, when known.

WHEREAS, **Group IV Semiconductor, Inc.** (hereinafter referred to as the assignee), whose full post office address is **400 March Road, Ottawa, Ontario, K2K 3H4, Canada** is 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 19th day of August, 2009.
at Kanata, Ontario
(place)



Iain CALDER

Declaration by Witness

I, LESUE HENRY, whose full post office address is
1368 Chatelain Ave. Ottawa, ON K1R 0Z7 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 24 day of July, 2009.

at Kanata
(place)

Carla Miner
Carla MINER

Declaration by Witness

I, Larry Tarof, whose full post office address is
4 Greengold Way, Kanata, ON K2T1C8 say:

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

[Signature]
Signature of Witness

Executed this 27th day of July, 2009.

at Kanata
(place)

George Chik
George CHIK

Declaration by Witness

I, Man Wan Chik, whose full post office address is
11 Maki place, Nepean, On. K2H 9R5 say:

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

Man Wan Chik
Signature of Witness

Executed this 24 day of July, 2009.

at Kawata Ontario
(place)


Thomas MACELWEE

Declaration by Witness

I, SCOTT CAMPBELL, whose full post office address is
17 CLEADON DRIVE NEPEAN 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