

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Stephen J. Mihailov	02/19/2007
Dan Grobnic	02/19/2007
Huimin Ding	02/21/2007
Robert B. Walker	02/19/2007
Christopher W. Smelser	02/19/2007
Ping Lu	02/19/2007
Xiaoli Dai	02/22/2007
Gino Cuglietta	02/19/2007

RECEIVING PARTY DATA

Name:	Her Majesty the Queen in Right of Canada, as represented by the Minister of Industry, through the Communications Research Centre Canada
Street Address:	3701 Carling Avenue
City:	Ottawa
State/Country:	CANADA
Postal Code:	K2H 8S2

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	11678844

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.102
 Email: melanie@patents.org
 Correspondent Name: Teitelbaum & MacLean
 Address Line 1: 280 Sunnyside Avenue
 Address Line 4: Ottawa, Ontario, CANADA K1S 0R8

CH \$40.00 11678844

ATTORNEY DOCKET NUMBER:

102-26 US

NAME OF SUBMITTER:

Melanie Budarick

Total Attachments: 6

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ASSIGNMENT OF INVENTION
UNIVERSAL

WHEREAS, I/we **Stephen J. Mihailov; Dan Grobnic; Huimin Ding; Robert B. Walker; Christopher W. Smelser; Ping Lu; Xiaoli Dai; and Gino Cuglietta**, whose full post office address(es) is/are **91 Maricona Way, Kanata, Ontario, K2T 1H3, CA; 32 Gilbey Drive, Ottawa, Ontario, K2E 5S6, CA; 27 Hemmingwood Way, Nepean, Ontario, K2G 6B9, CA; R.R. # 2, 2818 Goodin Road, Spencerville, Ontario, KOE 1X0, CA; 235 Somerset St. W., Apt. 409, Ottawa, Ontario, K2P 0J3, CA; 41 Brechin Crescent, Ottawa, Ontario, K2W 1E4, CA; 5 Halkirk Avenue, Ottawa, Ontario, K2V 1B1, CA; and 23 Jackman Terrace, Kanata, Ontario, K2L 4E2** have made an invention as described in the patent application entitled

**METHOD OF CHANGING THE REFRACTIVE INDEX IN A REGION OF A CORE OF
A PHOTONIC CRYSTAL FIBER USING A LASER**

filed herewith.

I/we hereby authorize my/our attorney to insert here in parentheses (Application Number 11/678,844 , filed Feb 26 2007), the filing date and application number of said application, when known.

WHEREAS, **Her Majesty the Queen in Right of Canada**, as represented by the **Minister of Industry, through the Communications Research Centre Canada**, (hereinafter referred to as the assignee), whose full post office address is **3701 Carling Avenue, Ottawa, Ontario, K2H 8S2, 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 17 day of February, 2007.

at WILMINGTON, DELAWARE.

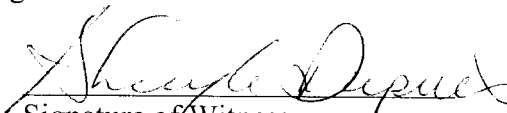


Stephen J. Mihailov

Declaration by Witness

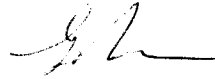
I, Sheryl Dupuis, whose full post office address is 11 Hazynel CRT - Stittsville say:

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



Signature of Witness

Executed this 19 day of February, 2007.
at OTTAWA ON.

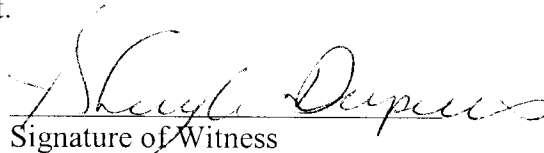


Dan Grobnic

Declaration by Witness

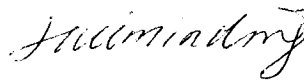
I, Sheryl Dupuis, whose full post office address is
11 Loyal CRT St. Hs.ville say:

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



Signature of Witness

Executed this 21 day of Feb, 2007.
at Ottawa Ontario

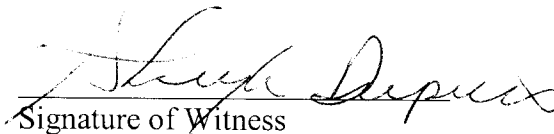


Huimin Ding

Declaration by Witness

I, Sheryl Dupuis, whose full post office address is
11 Loyal CRT St. Hs.ville say:

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



Signature of Witness

Executed this 19 day of February, 2007.
at Ottawa, Ontario.

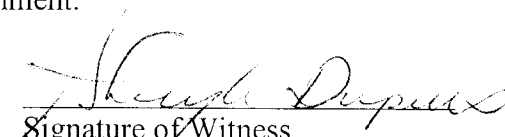


Robert B. Walker

Declaration by Witness

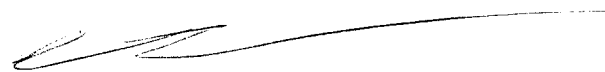
I, Sherylle Dupuis, whose full post office address is
11 Kozynol CRT St, Hawville say:

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



Signature of Witness

Executed this 19 day of February, 2007.
at Ottawa, Ontario.

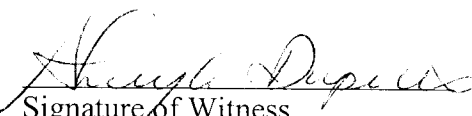


Christopher W. Smelser

Declaration by Witness

I, Sherylle Dupuis, whose full post office address is
11 Kozynol CRT St, Hawville say:

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



Signature of Witness

Executed this 19 day of Feb, 2007.
at Ottawa, Ontario.

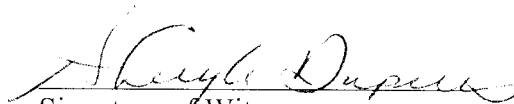


Ping Lu

Declaration by Witness

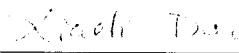
I, Sheryle Dupuis, whose full post office address is
11 Lazynol CRT, Stittsville say:

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



Signature of Witness

Executed this 22 day of Feb, 2007.
at Ottawa, Ontario.

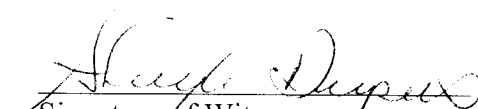


Xiaoli Dai

Declaration by Witness

I, Sheryle Dupuis, whose full post office address is
11 Lazynol CRT, Stittsville say:

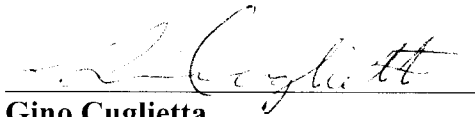
That I was personally present and did see **Xiaoli Dai**, who is personally known to me,
duly sign and execute the above Assignment.



Signature of Witness

Executed this 9 day of FEBRUARY, 2007.

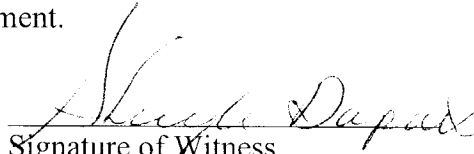
at CATARA, ON.


Gino Cuglietta

Declaration by Witness

I, Sheryle Dupuis, whose full post office address is
112429101 CRT. ST. HUBERT say:

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


Signature of Witness