

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

SUBMISSION TYPE:	NEW ASSIGNMENT												
NATURE OF CONVEYANCE:	ASSIGNMENT												
CONVEYING PARTY DATA													
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Etienne GRONDIN</td> <td>07/25/2013</td> </tr> <tr> <td>Guillaume BEAUDIN</td> <td>07/25/2013</td> </tr> <tr> <td>Vincent AIMEZ</td> <td>07/25/2013</td> </tr> <tr> <td>Richard ARES</td> <td>07/25/2013</td> </tr> <tr> <td>Paul G. CHARETTE</td> <td>07/26/2013</td> </tr> </tbody> </table>		Name	Execution Date	Etienne GRONDIN	07/25/2013	Guillaume BEAUDIN	07/25/2013	Vincent AIMEZ	07/25/2013	Richard ARES	07/25/2013	Paul G. CHARETTE	07/26/2013
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RECEIVING PARTY DATA													
Name:	SOCpra SCIENCES ET GENIE S.E.C.												
Street Address:	35 rue Radisson												
Internal Address:	Bureau 100												
City:	Sherbrooke												
State/Country:	CANADA												
Postal Code:	J1L 1E2												
PROPERTY NUMBERS Total: 1													
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>13977341</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13977341								
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Application Number:	13977341												
CORRESPONDENCE DATA													
Fax Number:	5142879197												
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone:	514-667-3357												
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ATTORNEY DOCKET NUMBER:	P1257US00												
NAME OF SUBMITTER:	James Anglehart												

OP \$40.00 13977341

Signature:	/James Anglehart/
Date:	08/22/2013
Total Attachments: 3 source=P1257US00signedassignment#page1.tif source=P1257US00signedassignment#page2.tif source=P1257US00signedassignment#page3.tif	

ASSIGNMENT

WHEREAS I/we, 1) Etienne GRONDIN 2) Guillaume BEAUDIN 3) Vincent AIMEZ 4) Richard ARES 5) Paul G. CHARETTE whose full post office address(es) is/are 1) 1345 rue Dagenais Sherbrooke, Quebec J1G 2B3 Canada 2) 4495 rue Barrette Sherbrooke, Quebec J1L 2Y2 Canada 3) 4186 boul. Universite Sherbrooke, Quebec J1N 2V9 Canada 4) 1916 rue du Printemps Sherbrooke, Quebec J1R 0J4 Canada 5) 1620 rue Malouin Sherbrooke, Quebec J1J 3C6 Canada am/are an inventor of an invention entitled **LOW LOSS DIRECTIONAL COUPLING BETWEEN HIGHLY DISSIMILAR OPTICAL WAVEGUIDES FOR HIGH REFRACTIVE INDEX INTEGRATED PHOTONIC CIRCUITS** for which Patent Application No. US 61/428,216 was filed on December 29, 2010, PCT/CA2011/050814 was filed on December 29, 2011 and Patent Application No. US 13/977,341 was filed on June 28, 2013.

AND WHEREAS, **SOCPPRA SCIENCES ET GENIE S.E.C.**, whose full post office address is 35, rue Radisson, Bureau 100, Sherbrooke, Quebec, J1L 1E2, Canada, has acquired from me the whole right, title and interest for the United States of America, Canada and all other countries in and to the said invention and in and to any Letters Patent that may be obtained therefore, and in and to said applications,

NOW THEREFORE, in consideration of the sum of One Dollar (\$1.00) and other good and valuable consideration, the receipt of all of which is hereby acknowledged, I/we, 1) Etienne GRONDIN 2) Guillaume BEAUDIN 3) Vincent AIMEZ 4) Richard ARES 5) Paul G. CHARETTE by these presents confirm that I/we have sold, assigned and transferred unto the said **SOCPPRA SCIENCES ET GENIE S.E.C.**, the full and exclusive right to the said invention in the United States of America, Canada and all other countries and the entire right, title and interest in and to any and all Letters Patent which may be granted therefore, and the entire right, title and interest in and to said application, and in and to any divisions, continuations, continuations-in-part, renewals, re-examinations and extensions of said application and to any other patent application and patents that claim priority for the aforementioned patent application, together with the right to claim the benefit of the right of priority provided by the International Convention for the Protection of Industrial Property based on said patent applications.

I agree that I will without further consideration do all such things and execute all such documents as may be necessary or desirable to obtain and maintain patents for said invention

and for additions and modifications thereto in any and all countries, and to vest title thereto in said assignee, his successors, assigns and legal representatives or nominees.

I hereby authorize and request the Commissioner for Patents in the U.S. and all other equivalent patent granting authorities in other jurisdictions to issue said Letters Patent to the said **SOCPPRA SCIENCES ET GENIE S.E.C.**, the assignee of the entire right, title and interest in and to the same, for its sole use and benefit, and for the use and benefit of its successors and assigns, to the full end of the term for which Letters Patent may be granted as fully and entirely as the same would have been held by me had this assignment and sale not been made.

The undersigned hereby grants the firm of **Anglehart et al.** 1939 de Maisonneuve Ouest, Montreal, Quebec, H3H 1K3, Canada the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office or other Patent Offices in the world for recordation of this document.

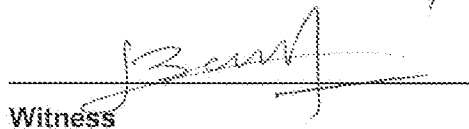
Le(s) soussigné(s) désire(nt) que la présente cession soit en anglais. The undersigned request(s) that the present assignment be in English.

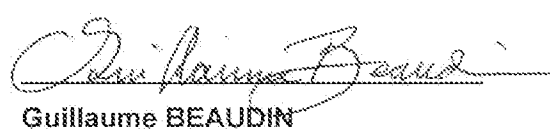
Signed this 25 day of July, 2013, at Sherbrooke


Witness

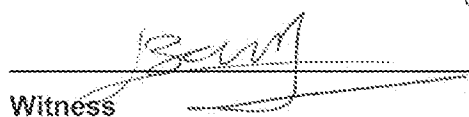

Etienne GRONDIN

Signed this 25 day of July, 2013, at Sherbrooke


Witness


Guillaume BEAUDIN

Signed this 25 day of July, 2013, at Sherbrooke


Witness


Vincent AIMEZ

Signed this 25 day of July, 2013, at Sherbrooke
[Signature]
Witness [Signature] Richard ARES

Signed this 26 day of JUillet, 2013, at Bromont
[Signature]
Witness [Signature] Paul G. CHARRETTE