

## 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>Olga PAWLUCZYK</td> <td>07/04/2013</td> </tr> <tr> <td>Romuald PAWLUCZYK</td> <td>07/04/2013</td> </tr> <tr> <td>Michael PRETTI</td> <td>07/04/2013</td> </tr> </tbody> </table>		Name	Execution Date	Olga PAWLUCZYK	07/04/2013	Romuald PAWLUCZYK	07/04/2013	Michael PRETTI	07/04/2013		
Name	Execution Date										
Olga PAWLUCZYK	07/04/2013										
Romuald PAWLUCZYK	07/04/2013										
Michael PRETTI	07/04/2013										
RECEIVING PARTY DATA											
<table border="1"> <tr> <td>Name:</td> <td>P&amp;P OPTICA INC.</td> </tr> <tr> <td>Street Address:</td> <td>680-A Davenport Road</td> </tr> <tr> <td>City:</td> <td>Waterloo, Ontario</td> </tr> <tr> <td>State/Country:</td> <td>CANADA</td> </tr> <tr> <td>Postal Code:</td> <td>N2V 2C3</td> </tr> </table>		Name:	P&P OPTICA INC.	Street Address:	680-A Davenport Road	City:	Waterloo, Ontario	State/Country:	CANADA	Postal Code:	N2V 2C3
Name:	P&P OPTICA INC.										
Street Address:	680-A Davenport Road										
City:	Waterloo, Ontario										
State/Country:	CANADA										
Postal Code:	N2V 2C3										
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>13842628</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	13842628						
Property Type	Number										
Application Number:	13842628										
CORRESPONDENCE DATA											
Fax Number: 7037769701 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> Phone: (703) 776-9700 Email: info@jalindeman.com Correspondent Name: J.A. LINDEMAN & CO., PLLC Address Line 1: 3190 Fairview Park Drive Address Line 2: Suite 480 Address Line 4: Falls Church, VIRGINIA 22042											
ATTORNEY DOCKET NUMBER:	035.0003-US00										
NAME OF SUBMITTER:	Joseph A. Parisi										
Signature:	/Joseph A. Parisi, Reg. No. 53,435/										

Date:

07/29/2013

**Total Attachments: 3**

source=2013-07-29\_Executed\_Assignment#page1.tif

source=2013-07-29\_Executed\_Assignment#page2.tif

source=2013-07-29\_Executed\_Assignment#page3.tif

## ASSIGNMENT - WORLDWIDE

WHEREAS, WE:

**OLGA PAWLUCZYK**, 33-589 Beechwood Drive, Waterloo, Ontario, N2T 2K9, Canada, and  
**ROMUALD PAWLUCZYK**, 280 Golf Course Road, Conestogo, Ontario, N0B 1N0, Canada, and  
**MICHAEL PRETTI**, 251 Shagbark Court, Waterloo, Ontario, N2K 3H9, Canada

have invented an invention entitled: **APPARATUS AND METHOD FOR OPTIMIZING DATA CAPTURE AND DATA CORRECTION FOR SPECTROSCOPIC ANALYSIS** ("Invention"), for which an application for Letters Patent has been made in the United States Patent and Trademark Office on March 15, 2013 under serial No. 13/842,628 ;

WHEREAS, **P&P OPTICA INC.** (hereinafter referred to as "ASSIGNEE") having a place of business at 680-A Davenport Road, Waterloo, Ontario, N2V 2C3, Canada is desirous of acquiring and having assigned to it the full right, title and interest in and to the Invention and in and to any Letters Patent that may be granted therefor in any and all countries and jurisdictions; and

WHEREAS WE have agreed to make such assignment;


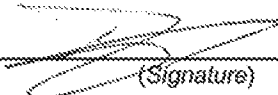
NOW, THEREFORE, in consideration of the foregoing premises, and of the sum of one dollar (\$1.00) and for other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, WE, hereby sell, assign and transfer absolutely to the ASSIGNEE the full and exclusive right, title and interest in and to: (a) the Invention worldwide; (b) any and all patent applications for the Invention in all countries and jurisdictions and under all conventions and treaties, including the right to claim for any and all applications any priority rights to which such applications are entitled under conventions, treaties or otherwise, and all divisions, extensions, continuations, continuations-in-part, provisionals, non-provisionals, substitutions and renewals thereof; (c) all Letters Patent which may be granted therefor in any and all countries and jurisdictions, and any renewals, reissues, re-examinations or extensions of the Letters Patent, and (d) the exclusive right to bring or participate in any proceeding for past infringement or any other actionable right under all of the foregoing and to receive all remedies

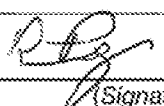
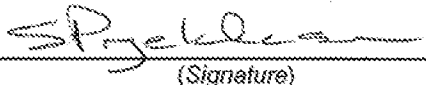
that arise therefrom, to the end of the term for which the Letters Patent may be granted, as fully and entirely as the same would have been held by us had this Assignment not been made.

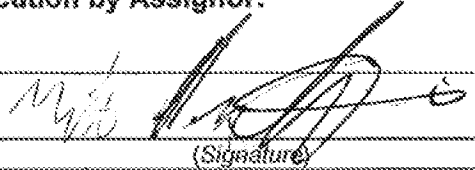

WE hereby authorize and request the patent offices in all countries and jurisdictions to issue any and all of the Letters Patent, when granted, to the ASSIGNEE.

Further, WE agree that WE will communicate to the ASSIGNEE or its representatives any facts known to us respecting the Invention, and testify in any legal proceeding, sign all lawful papers, execute all papers relating to all patent applications including all divisionals, continuations, continuations-in-part, extensions, renewals, provisionals, non-provisionals or substitutes thereof, and the Letters Patent including any renewal, re-examination, extension and reissue thereof, execute all necessary assignment papers to cause any and all of the Letters Patent to be issued to the ASSIGNEE, make all rightful oaths, and, generally do everything possible to aid the ASSIGNEE, its successors and assigns, to obtain and enforce proper protection for the Invention in any and all countries and jurisdictions.

The undersigned hereby authorizes the firm of Gowling Lafleur Henderson LLP, whose full postal address is Suite 2300, 550 Burrard Street, Vancouver, British Columbia, Canada, V6C 2B5, to correct errors in this assignment or to insert any further identification or other information necessary or desirable to make this Assignment suitable for recordal in any country.

<b>Execution by Assignor:</b>	<b>WITNESS:</b>
By: <u></u> (Signature)	By: <u></u> (Signature)
Name: <b>OLGA PAWLUCZYK</b>	Name: <u>Rita Zarkova</u>
Date: <u>July 4, 2013</u>	
At: <u>Waterloo, Ontario, Canada</u> (City & Country Where Assignment Executed)	

<b>Execution by Assignor:</b>	<b>WITNESS:</b>
By: <u></u> (Signature)	By: <u></u> (Signature)
Name: ROMUALD PAWLUCZYK	Name: <u>Sheila Przeklasa</u>
Date: <u>July 4, 2013</u>	
At: <u>Waterloo, Canada</u> (City & Country Where Assignment Executed)	

<b>Execution by Assignor:</b>	<b>WITNESS:</b>
By: <u></u> (Signature)	By: <u></u> (Signature)
Name: MICHAEL PRETTI	Name: <u>Mary Uffelmann</u>
Date: <u>July 4<sup>th</sup> / 2013</u>	
At: <u>Waterloo Canada</u> (City & Country Where Assignment Executed)	