

## PATENT ASSIGNMENT COVER SHEET

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Stylesheet Version v1.2

EPAS ID: PAT2798164

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
WILFRIED NOELL	12/05/2011
YVES PETREMEND	12/06/2011
CAGLAR ATAMAN	04/03/2012
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	ECOLE POLYTECHNIQUE FEDERALE DE LAUSANNE (EPFL)
<b>Street Address:</b>	STATION 10
<b>City:</b>	LAUSANNE
<b>State/Country:</b>	SWITZERLAND
<b>Postal Code:</b>	1015
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	14243515
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(877)769-7945
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	(617) 542-5070
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<b>Correspondent Name:</b>	SEAN P. DALEY
<b>Address Line 1:</b>	FISH & RICHARDSON P.C.
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<b>ATTORNEY DOCKET NUMBER:</b>	21070-0063002
<b>NAME OF SUBMITTER:</b>	ALISSA TIZZANO
<b>SIGNATURE:</b>	/Alissa/
<b>DATE SIGNED:</b>	04/03/2014
<b>Total Attachments: 6</b>	
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<b>PATENT</b>	

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### Assignment

Whereas, I/We, NOELL, Wilfried of Rue de l'Observatoire 30, 2000 Neuchatel, Switzerland hereinafter called assignor, have invented certain improvements in  
OPTICAL MODULE FOR GUIDING A RADIATION BEAM

~~AND/OR THE INVENTION IS A SUBJECT MATTER OF AN INVENTION MADE BY THE ASSIGNOR~~

and executed an application for Letters Patent of the United States therefor; and

Whereas, École Polytechnique Fédérale de Lausanne, having a place of business at Station 10, 1015 Lausanne, Switzerland, a corporation of Switzerland, hereinafter called assignee, successor in title of Université de Neuchâtel, a corporation of Switzerland, having a place of business at Faubourg du Lac 5a, 2001 01 Neuchâtel, Switzerland, a corporation of Switzerland, desires to acquire the entire right, title, and interest in the application and the invention disclosed therein, and to any United States patents to be obtained therefor;

*Original Noted  
2.12.2012*

Therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor, hereby state as follows:

To the extent that my entire right, title and interest in the application and the invention disclosed therein have not transferred to the assignee by virtue of applicable law and/or contract, I/we hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire/remaining, present/expectant right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisionals and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119, and for all countries foreign thereto, including rights of priority under applicable conventions and treaties; and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

I/We hereby authorize and request the attorneys of Fish & Richardson Attn.: Sean Daley One Marina Park Drive Boston, Massachusetts 02210 U S A to insert here in parentheses (Application number 13/075929, filed <sup>30 March 2011</sup> ~~19 October 2009~~ and Confirmation number \_\_\_\_\_) the application number and filing date of said application when known.

Wilfried Noell Dec. 5, 2011  
Signature Date

NOELL, Wilfried  
Typed or printed name

Wilfried Noell Dec. 2, 2012

Witnessed by:

\_\_\_\_\_  
Signature Date

\_\_\_\_\_  
Typed or printed name

Witnessed by:

\_\_\_\_\_  
Signature Date

\_\_\_\_\_  
Typed or printed name

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

### Assignment

Whereas, I/We, PETREMAND, Yves of Avenue Haldimand 95D, 1400 Yverdon-les-Bains, Switzerland hereinafter called assignor, have invented certain improvements in  
OPTICAL MODULE FOR GUIDING A RADIATION BEAM

*Yves Petremand*

~~Answering the Office's search results Spiegel-Arrays auf Lorenz-Basis~~

and executed an application for Letters Patent of the United States therefor; and

Whereas, École Polytechnique Fédérale de Lausanne, having a place of business at Station 10, 1015 Lausanne, Switzerland, a corporation of Switzerland, hereinafter called assignee, successor in title of Université de Neuchâtel, a corporation of Switzerland, having a place of business at Faubourg du Lac 5a, 2001 01 Neuchâtel, Switzerland, a corporation of Switzerland, desires to acquire the entire right, title, and interest in the application and the invention disclosed therein, and to any United States patents to be obtained therefor;

Therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor, hereby state as follows:

To the extent that my entire right, title and interest in the application and the invention disclosed therein have not transferred to the assignee by virtue of applicable law and/or contract, I/we hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire/remaining, present/expectant right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisionals and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119, and for all countries foreign thereto, including rights of priority under applicable conventions and treaties; and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

I/We hereby authorize and request the attorneys of Fish & Richardson Attn.: Sean Daley One Marina Park Drive Boston, Massachusetts 02210 U S A to insert here in parentheses (Application number 13/075929, filed <sup>30 March 2011</sup> ~~19 October 2009~~ and Confirmation number \_\_\_\_\_) the application number and filing date of said application when known.

*Yves Petremand*

*Yves Petremand*

*Dec 6, 2011*

Signature

Date

PETREMAND, Yves

Typed or printed name

Witnessed by:

Signature

Date

Typed or printed name

Witnessed by:

Signature

Date

Typed or printed name

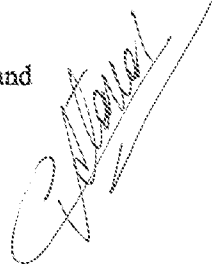
(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)

### Assignment

Whereas, I/We, ATAMAN, Caglar of Rue de Rocher 24, 2000 Neuchatel, Switzerland hereinafter called assignor, have invented certain improvements in

OPTICAL MODULE FOR GUIDING A RADIATION BEAM  
~~Anordnung für Lichterführung mittels Spiegelarrays auf Lochentzerrungsbasis~~

and executed an application for Letters Patent of the United States therefor; and



Whereas, École Polytechnique Fédérale de Lausanne, having a place of business at Station 10, 1015 Lausanne, Switzerland, a corporation of Switzerland, hereinafter called assignee, successor in title of Université de Neuchâtel, a corporation of Switzerland, having a place of business at Faubourg du Lac 5a, 2001 01 Neuchâtel, Switzerland, a corporation of Switzerland, desires to acquire the entire right, title, and interest in the application and the invention disclosed therein, and to any United States patents to be obtained therefor;

Therefore, for valuable consideration, receipt whereof is hereby acknowledged,

I/We, the above named assignor, hereby state as follows:

To the extent that my entire right, title and interest in the application and the invention disclosed therein have not transferred to the assignee by virtue of applicable law and/or contract, I/we hereby sell, assign and transfer to the above named assignee, its successors and assigns, the entire/remaining, present/expectant right, title and interest in the application and the invention disclosed therein for the United States of America, including all divisionals and continuations thereof, and all Letters Patent of the United States that may be granted thereon, and all reissues thereof, including the right to claim priority under 35 U.S.C. §119, and for all countries foreign thereto, including rights of priority under applicable conventions and treaties; and I/we request the Director of the U.S. Patent and Trademark Office to issue any Letters Patent granted upon the invention set forth in the application to the assignee, its successors and assigns; and I/we hereby agree that the assignee may apply for foreign Letters Patent on the invention; and I/we will execute without further consideration all papers deemed necessary by the assignee in connection with the United States and foreign applications when called upon to do so by the assignee.

I/We hereby authorize and request the attorneys of Fish & Richardson Attn.: Sean Daley One Marina Park Drive Boston, Massachusetts 02210 U S A to insert here in parentheses (Application number 13/075929, filed ~~19 October 2009~~ <sup>30 March 2011</sup> and Confirmation number \_\_\_\_\_) the application number and filing date of said application when known.



*C. Ataman*  
Signature Apr. 03, 2012  
Date  
ATAMAN, Caglar  
Typed or printed name

Witnessed by:

\_\_\_\_\_  
Signature Date  
\_\_\_\_\_  
Typed or printed name

Witnessed by:

\_\_\_\_\_  
Signature Date  
\_\_\_\_\_  
Typed or printed name

(Legalization not required for recording but is prima facie evidence of execution under 35 U.S.C. §261)