

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT6177328

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
FABIAN DURR	05/25/2020
HUGO THIENPONT	05/18/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	VRIJE UNIVERSITEIT BRUSSEL
<b>Street Address:</b>	PLEINLAAN 2
<b>City:</b>	BRUSSEL
<b>State/Country:</b>	BELGIUM
<b>Postal Code:</b>	B-1050
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16959029
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(801)328-1707
<i>Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.</i>	
<b>Phone:</b>	801-533-9800
<b>Email:</b>	amiller@wnlaw.com
<b>Correspondent Name:</b>	WORKMAN NYDEGGER
<b>Address Line 1:</b>	60 EAST SOUTH TEMPLE
<b>Address Line 2:</b>	SUITE 1000
<b>Address Line 4:</b>	SALT LAKE CITY, UTAH 84111
<b>ATTORNEY DOCKET NUMBER:</b>	19893.45
<b>NAME OF SUBMITTER:</b>	JUSTIN J. CASSELL
<b>SIGNATURE:</b>	/Justin J. Cassell/
<b>DATE SIGNED:</b>	06/29/2020
<b>Total Attachments: 4</b>	
source=19893-45_Assignment#page1.tif	
source=19893-45_Assignment#page2.tif	
source=19893-45_Assignment#page3.tif	
source=19893-45_Assignment#page4.tif	

**ASSIGNMENT**

Title of Invention: **OPTICAL DESIGN METHODS FOR IMAGING SYSTEMS AND OPTICAL SYSTEMS DESIGNED THEREWITH**

This assignment is directed to:

- The application for United States Letters Patent executed on even date herewith;
- United States patent number \_\_\_\_\_ granted on \_\_\_\_\_ ;
- United States application or Patent Cooperative Treaty international application number: **PCT/EP2018/097117**  
filed on **December 28, 2018**

WHEREAS, I (we), the below named inventor, hereinafter referred to as ASSIGNOR, is an owner or one of the owners of certain new and useful improvements in the above identified application (hereinafter referred to as the INVENTION).

WHEREAS, **VRIJE UNIVERSITEIT BRUSSEL**

whose post office address is/are **Pleinlaan 2, B-1050 Brussel, Belgium**

hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the INVENTION in the United States and in counterpart applications including those filed through the Patent Cooperative Treaty and associated national phase applications.


NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I, ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America and throughout the world, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application, and counterpart applications including those filed through the Patent Cooperative Treaty and associated national phase applications.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States and counterpart applications including those filed through the Patent Cooperative Treaty and associated national phase applications for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the INVENTION that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of

ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behoof, and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes any individual authorized to act on behalf of Customer Number 22913 to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

LEGAL NAME OF INVENTOR/ASSIGNOR			
Name:	Fabian DURR		Date: 5/25/2020
Signature:			

**ASSIGNMENT**

Title of Invention: **OPTICAL DESIGN METHODS FOR IMAGING SYSTEMS AND OPTICAL SYSTEMS DESIGNED THEREWITH**

This assignment is directed to:

- The application for United States Letters Patent executed on even date herewith;
- United States patent number \_\_\_\_\_ granted on \_\_\_\_\_ ;
- United States application or Patent Cooperative Treaty international application number: **PCT/EP2018/097117**  
filed on **December 28, 2018**

WHEREAS, I (we), the below named inventor, hereinafter referred to as ASSIGNOR, is an owner or one of the owners of certain new and useful improvements in the above identified application (hereinafter referred to as the INVENTION).

WHEREAS, **VRIJE UNIVERSITEIT BRUSSEL**

whose post office address is/are **Pleinlaan 2, B-1050 Brussel, Belgium**

hereinafter referred to as ASSIGNEE, is desirous of acquiring the entire right, title and interest in and to the INVENTION in the United States and in counterpart applications including those filed through the Patent Cooperative Treaty and associated national phase applications.

NOW, THEREFORE, for good and valuable consideration, receipt of which is hereby acknowledged, I, ASSIGNOR, by these presents do sell, assign and transfer unto said ASSIGNEE, the entire right, title, and interest in and to said INVENTION and application throughout the United States of America and throughout the world, including any and all Letters Patent granted on any division, continuation, continuation-in-part and reissue of said application, and counterpart applications including those filed through the Patent Cooperative Treaty and associated national phase applications.

ALSO, ASSIGNOR hereby agrees to execute any documents that legally may be required in connection with the filing, prosecution and maintenance of said application or any other patent application(s) in the United States and counterpart applications including those filed through the Patent Cooperative Treaty and associated national phase applications for said INVENTION, including additional documents that may be required to affirm the rights of ASSIGNEE in and to said INVENTION, all without further consideration. ASSIGNOR also agrees, without further consideration and at ASSIGNEE'S expense, to identify and communicate to ASSIGNEE at ASSIGNEE'S request documents and information concerning the INVENTION that are within ASSIGNOR'S possession or control, and to provide further assurances and testimony on behalf of ASSIGNEE that lawfully may be required of

ASSIGNOR in respect of the prosecution, maintenance and defense of any patent application or patent encompassed within the terms of this instrument. ASSIGNOR'S obligations under this instrument shall extend to ASSIGNOR'S heirs, executors, administrators and other legal representatives.

ALSO, ASSIGNOR hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all Letters Patent referred to above to ASSIGNEE, as the ASSIGNEE of the entire right, title and interest in and to the same, for ASSIGNEE'S sole use and behoof; and for the use and behoof of ASSIGNEE'S legal representatives and successors, to the full end of the term for which such Letters Patent may be granted, as fully and entirely as the same would have been held by ASSIGNOR had this assignment and sale not been made.

ASSIGNOR authorizes any individual authorized to act on behalf of Customer Number 22913 to insert or complete any information in this document needed to effect its recordal in the U.S. Patent and Trademark Office.

LEGAL NAME OF INVENTOR/ASSIGNOR			
Name:	<b>Hugo THIENPONT</b>	Date:	18.05.2020
Signature:	