# 503056152 11/11/2014

# PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
HENRY J. FRISCH	10/28/2014
HERVE GRABAS	09/24/2014
FUKUN TANG	09/29/2014
ERIC J. OBERLA	10/06/2014

#### **RECEIVING PARTY DATA**

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Postal Code:	60637

#### **PROPERTY NUMBERS Total: 1**

Property Type	Number
Application Number:	14090647

## CORRESPONDENCE DATA

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NAME OF SUBMITTER:	PHILIP A. POREMBSKI	
SIGNATURE:	/Philip A. Porembski/	
DATE SIGNED:	11/11/2014	

**Total Attachments: 5** 

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PATENT 503056152 REEL: 034144 FRAME: 0401



PATENT REEL: 034144 FRAME: 0402

## ASSIGNMENT

Pursuant to our obligation to **The University of Chicago** (hereinafter referred to as "ASSIGNEE"), an Illinois not for profit corporation having its principal place of business at 5801 South Ellis Avenue, Chicago, Illinois 60637, and for other valuable and sufficient consideration, receipt whereof is hereby acknowledged, we:

HENRY J. FRISCH 5636 S. Blackstone Ave. Chicago, IL 60637

HERVE GRABAS
42, allee des Soudannes
78430 Louvecienne
France

ERIC J. OBERLA 5319 S. Cornell Ave., Apt. 3R Chicago, IL 60615

FUKUN TANG 1027 E. 54<sup>th</sup> St. Chicago, IL 60615

confirm that we have sold, assigned, and conveyed unto ASSIGNEE, its successors and assigns, or to the extent we have not yet sold, assigned or conveyed, do hereby sell, assign and convey unto ASSIGNEE, its successors and assigns, my entire right, title, and interest -

- (1) in and to an invention entitled "USE OF FLAT PANEL MICROCHANNEL PHOTOMULTIPLIERS IN SAMPLING CALORIMETERS WITH TIMING" for which we have executed United States Patent Application number 14/090,647; which claims priority of United States Patent Application number 13/044,442, filed on March 09, 2011.
- (2) in and to said United States patent application, in and to all other patent applications (including divisional, continuation, continuation-in-part, §111(b) provisional, §111(a), and reissue applications) based upon said invention, and in and to the patent or patents to be granted

- 1 -

thereon, including reissues thereof, if any, to the full end of the term or terms for which said patent or patents may be granted. The effective date of this assignment is March 09, 2011;

(3) in and to all patent applications on said invention now or hereafter filed in countries foreign to the United States of America, and in and to any and all patents granted on said applications to the full end of the terms for which said patents may be granted;

(4) in and to all said patent applications the right to claim the full benefits and priority rights under the International Convention and any other international agreement to which the United States adheres; and

(4) under the International Convention in respect to the United States patent application and agree that any patent applications of any foreign countries which may be filed shall be filed in the name of our ASSIGNEE with a claim to priority based on said United States application.

And we hereby agree that we will, upon request of ASSIGNEE, its successors or assigns, and without further consideration to us, execute any and all papers that may be necessary, or deemed by ASSIGNEE, its successors or assigns, to be necessary, to a complete fulfillment of the intent and purposes of this Assignment, it being understood that any expense incident to the execution of such papers shall be paid by ASSIGNEE, its successors and assigns, and not by us.

And the Commissioner of Patents and Trademarks of the United States is hereby authorized and requested to issue said United States patent or patents to ASSIGNEE.

0928,2014 Date 10/28/2014

Henry J.Frisch

Printed Name (Witness)

Date	Herve Grabas
Date	Witness
	Printed Name (Witness)
Date	Eric J. Oberla
Date	Witness
	Printed Name (Witness)
9/29/2014 Date Date	Fukun Tang Witness  Printed Name (Witness)
Date	Alan Thomas Associate Vice President & Director, Center for Technology Development & Ventures The University of Chicago

74 Date 2014 Date	Herve Grabas  Mignetin Line  Witness  Alexander A. Grafte  Printed Name (Witness)
Date	Eric J. Oberla
Date	Witness
	Printed Name (Witness)
Date	Fukun Tang
Date	Witness
	Printed Name (Witness)
Date	Alan Thomas Associate Vice President & Director, Center for Technology Development & Ventures, The University of Chicago

Date	Herve Grabas
Date	Witness
	Printed Name (Witness)
10/6/2014 Date Date Date	Eric J. Oberla  Witness  Patrick Bryant  Printed Name (Witness)
Date	Fukun Tang
Date	Witness
	Printed Name (Witness)
Date	Alan Thomas Associate Vice President & Director,
	Center for Technology Development & Ventures, The University of Chicago