### 502684663 02/18/2014

#### PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

#### **CONVEYING PARTY DATA**

Name	Execution Date
GARY H. BERNSTEIN	01/02/2014
PATRICK FAY	01/01/2014
WOLFGANG POROD	01/08/2014
QING LIU	01/02/2014

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#### PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14090993

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ATTORNEY DOCKET NUMBER:	135404.UND0048-C04 020700
NAME OF SUBMITTER:	KEITH R. JAROSIK
	[[

PATENT REEL: 032237 FRAME: 0528

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Signature:	/Keith R. Jarosik/
Date:	02/18/2014
	This document serves as an Oath/Declaration (37 CFR 1.63).
Total Attachments: 5 source=135404_UND0048C04Assign_decl#page1.tif source=135404_UND0048C04Assign_decl#page2.tif source=135404_UND0048C04Assign_decl#page3.tif source=135404_UND0048C04Assign_decl#page4.tif source=135404_UND0048C04Assign_decl#page5.tif	

PATENT REEL: 032237 FRAME: 0529

## PATENT ASSIGNMENT AND DECLARATION

For good and valuable consideration, receipt of which is hereby acknowledged, we, Gary H. Bernstein of 14659 Horseshoe Bend Ct., Granger, IN 46530, Patrick Fay of 16045 Baywood Lane, Granger, IN 46530, Wolfgang Porod of 15831 Fair Banks Ct., Granger, IN 46530, and Qing Liu of 4540 Hickory Road, Mishakawa, IN 46545 hereby sell and assign to University of Notre Dame du Lac, ("Assignee"), a university, having its principal place of business at 940 Grace Hall, Notre Dame, Indiana 46556-5602, U.S.A., its successors, assigns, nominees, or other legal representatives, the entire right, title, and interest in and to the invention in SYSTEMS AND METHODS FOR INTER-CHIP COMMUNICATION invented by us, which has been assigned application number 14/090,993, and the application for United States patent therefor, the declaration, and all original and reissued patents granted therefor, and all divisions and continuations thereof, including the subject-matter of any and all claims which may be obtained in every such patent, and the right to apply for and obtain patents and Utility Model Registrations which may be granted thereon in such foreign countries, and authorize and request the Commissioner of Patents and Trademarks of the United States, and any official of any other country or countries foreign to the United States whose duty it is to issue patents on applications as aforesaid, to issue said Letters Patent or Utility Model Registration to the said Assignee, its successor, assigns, nominees, or other legal representatives, as assignee of the entire interest herein assigned. We covenant that we have not executed and will not execute any agreement in conflict herewith and agree that we will communicate to said Assignee, its successors, assigns, nominees, or other legal representatives, all facts known to us respecting said invention, whenever requested, and testify in any legal proceedings, sign all lawful papers, execute all divisional, continuing, and reissue applications, make all rightful oaths, and do all lawful acts requisite for the application for such divisional, continuing, or reissue applications, or the procuring thereof, and that if and when said Assignee, its successors, assigns, nominees, or other legal representatives desire to file a disclaimer relating thereto, we will, upon request, sign all lawful papers requisite for the filing of such disclaimer. We further covenant and agree that we will, at any time upon request, do everything legally possible to aid said Assignee, its successors, assignees, nominees, or other legal representatives, either in its or their own names, to apply for, obtain, and enforce proper patent and/or Utility Model protection for said invention in all countries, all without further consideration but at the expense of said Assignee, its successors, assigns, nominees, or other legal representatives.

CHI 64296957v1

PATENT REEL: 032237 FRAME: 0530

# As the below named inventor, I hereby declare that: This declaration is directed to: the attached application, or X United States application or PCT international application number **14,090,993** filed on **November 26, 2013**. The above-identified application was made or authorized to be made by me. I believe that I am the original inventor or an original joint inventor of a claimed invention in the application. I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both. I hereby state that I have reviewed and understand the contents of the aboveidentified application, including the claims; and I am aware of the duty to disclose to the U.S. Patent and Trademark Office all information known by me to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application. IN TESTIMONY WHEREOF, I have hereunto set my hand this day of NOTARIAL CERTIFICATE County of: \_\_\_ Subscribed and sworn to (or affirmed) before me on this \_\_ \_\_\_ day of \_\_ Gary H. Bernstein proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me. WITNESS my hand and official seal.

2

CHI 64296957v1

Notary Public

Inventor 1

PATENT REEL: 032237 FRAME: 0531

As the below named inventor, I hereby declare that:
This declaration is directed to:
the attached application, or
X United States application or PCT international application number
14,090,993 filed on <b>November 26, 2013</b> .
The above-identified application was made or authorized to be made by me.
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.
I hereby state that I have reviewed and understand the contents of the above-identified application, including the claims; and I am aware of the duty to disclose to the U.S. Patent and Trademark Office all information known by me to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.
IN TESTIMONY WHEREOF, I have hereunto set my hand this <u>1</u> day of <u>January</u> , 20 <u>14</u> .
Patrick Fay (signature)
NOTARIAL CERTIFICATE
State of:) SS.
County of:
Subscribed and sworn to (or affirmed) before me on this day of, 20, by Patrick Fay proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.
WITNESS my hand and official seal.

PATENT REEL: 032237 FRAME: 0532

Notary Public

Inventor 2

As the below named inventor, I hereby declare that:
This declaration is directed to:
the attached application, or
X_ United States application or PCT international application number
14/090,993 filed on November 26, 2013.
The above-identified application was made or authorized to be made by me.
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.
I hereby state that I have reviewed and understand the contents of the above-identified application, including the claims; and I am aware of the duty to disclose to the U.S. Patent and Trademark Office all information known by me to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.
IN TESTIMONY WHEREOF, I have hereunto set my hand this 8th day of January. , 20 14.
Wolfgang Porod (signature)
NOTARIAL CERTIFICATE  State of:
State of:) SS. County of:)
Subscribed and sworn to (or affirmed) before me on this day of, 20, by proved to me on the basis of satisfactory evidence to be the person(s) who appeared before me.
WITNESS my hand and official seal.
Notary Public

CHI 64296957v1 4

**Inventor 3** 

As the below named inventor, I hereby declare that:
This declaration is directed to:
the attached application, or
X United States application or PCT international application number
14/090,993 filed on <b>November 26, 2013</b> .
The above-identified application was made or authorized to be made by me.
I believe that I am the original inventor or an original joint inventor of a claimed invention in the application.
I hereby acknowledge that any willful false statement made in this declaration is punishable under 18 U.S.C. 1001 by fine or imprisonment of not more than five (5) years, or both.
I hereby state that I have reviewed and understand the contents of the above-identified application, including the claims; and I am aware of the duty to disclose to the U.S. Patent and Trademark Office all information known by me to be material to patentability as defined in 37 CFR 1.56, including for continuation-in-part applications, material information which became available between the filing date of the prior application and the national or PCT International filing date of the continuation-in-part application.
IN TESTIMONY WHEREOF, I have hereunto set my hand this day of
NOTARIAL CERTIFICATE
State of Alexa Yar-Alexa and a second of the
State of Alex York SS
Subscribed and swom to (or affirmed) before me on this
WITNESS my hand and official seal
Seen A Borst  Notary Public, State of New York  Qualified in Albany County  No. 01806283392  Commission Expires 07/01/20

PATENT REEL: 032237 FRAME: 0534

**RECORDED: 02/18/2014** 

Inventor 4