PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3424054

SUBMISSION TYPE:	CORRECTIVE ASSIGNMENT
NATURE OF CONVEYANCE:	Corrective Assignment to correct the ASSIGNEE ADDRESS previously recorded on Reel 035700 Frame 0640. Assignor(s) hereby confirms the ASSIGNEE ADDRESS IS 675 WEST PEACHTREE STREET, ATLANTA, GA 30308.

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL BRODKSY	07/12/2010
CRISTIAN ANTONELLI	07/04/2010
JUNGMI OH	07/05/2010

RECEIVING PARTY DATA

Name:	AT&T INTELLECTUAL PROPERTY I, L.P.
Street Address:	675 WEST PEACHTREE STREET
City:	ATLANTA
State/Country:	GEORGIA
Postal Code:	30308

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14719975

CORRESPONDENCE DATA

Fax Number: (832)213-0279

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.

Phone: 908-532-1991
Email: patent@csglaw.com
Correspondent Name: AT&T LEGAL DEPARTMENT-CSG ATTN: PATENT
Address Line 1:   ONE AT&T WAY
Address Line 2:   ROOM 2A-207
Address Line 4:   BEDMINSTER, NEW JERSEY 07921

ATTORNEY DOCKET NUMBER:	2009-0623 CON
NAME OF SUBMITTER:	JOSEPH G. FENSKE
SIGNATURE:	/Joseph G. Fenske/
DATE SIGNED:	07/02/2015

Total Attachments: 5

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PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
Stylesheet Version v1.2

EPAS ID: PAT3366095

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
MICHAEL BRODSKY	07/12/2010
CRISTIAN ANTONELLI	07/04/2010
JUNGMI OH	07/05/2010

RECEIVING PARTY DATA

Name:	AT&T INTELLECTUAL PROPERTY I, L.P.
Street Address:	645 E. PLUMB LANE
City:	RENO
State/Country:	NEVADA
Postal Code:	89502

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14719975

CORRESPONDENCE DATA

Fax Number: (832)213-0279

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.

Phone: 908-532-1991
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Correspondent Name: AT&T LEGAL DEPARTMENT - CS&G ATTN: PAT
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Address Line 4:   BEDMINSTER, NEW JERSEY 07921

ATTORNEY DOCKET NUMBER:	2009-0623 CON
NAME OF SUBMITTER:	JOSEPH G. FENSKE
SIGNATURE:	/Joseph G. Fenske/
DATE SIGNED:	05/22/2015

Total Attachments: 4
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ASSIGNMENT AND AGREEMENT

For value received, we, Michael Brodsky, of Millburn, in the County of Essex and State of New Jersey, Cristian Antonelli, of Sulmona, Italy and Jungmi Oh, of Daejeon, South Korea, do hereby sell, assign and transfer to AT&T Intellectual Property I, L.P., a partnership of the State of Nevada, having an office at 645 E. Plumb Lane, Reno, Nevada 89502 U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **Characterization of Single-Photon Detectors Using a Continuous Wave Laser Source**, described in an application for Letters Patent of the United States, executed by us of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also hereby sell, assign and transfer to AT&T Intellectual Property I, L.P., and its successors, assigns and legal representatives, the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize AT&T Intellectual Property I, L.P. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of AT&T Intellectual Property I, L.P. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to AT&T Intellectual Property I, L.P. in the United States and in all countries foreign to the United States, or to such nominees as AT&T Intellectual Property I, L.P. may designate.

-1-

We agree that, when requested, we shall, without charge to AT&T Intellectual Property I, L.P. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

Brodsky

Michael Brodsky

Date: 7/12/2010

United States of America   )

State of New Jersey   )

County of Monmouth   )

On this 12 day of July , 2010, before me personally came Michael Brodsky, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

KAREN M. CREDLE
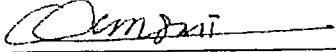**A NOTARY OF NEW JERSEY**
MY COMMISSION EXPIRES AUGUST 25, 2013

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Cristian Antonelli   _07/04/2010_
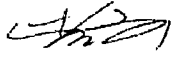Cristian Antonelli   Date

Luisa Giallonardo   _07/04/2010_
Witness Signature   Date

LUISA GIALLONARDO
Print name of witness

-3-

Jungmi Oh

July 05 , 2010
Date

Witness Signature

July 05, 2010
Date

Jaegyu Park
Print name of witness

-4-

PATENT
REEL: 036051 FRAME: 0422