

PATENT ASSIGNMENT COVER SHEET

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EPAS ID: PAT2907778

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
KERRY W. FOWLER	11/06/2006
DANWEN HUANG	11/06/2006
EDWARD A. KESICKI	11/06/2006
HUA C. OOI	11/06/2006
AMY OLIVER	11/06/2006
FUQIANG RUAN	11/06/2006
JENNIFER TREIBERG	11/06/2006
KAMAL DEEP PURI	11/21/2006
RECEIVING PARTY DATA	
Name:	ICOS CORPORATION
Street Address:	C/O GILEAD SCIENCES, INC.
Internal Address:	333 LAKESIDE DRIVE
City:	FOSTER CITY
State/Country:	CALIFORNIA
Postal Code:	94404
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	14049154
CORRESPONDENCE DATA	
Fax Number:	(650)522-5575
<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>	
Phone:	6505243851
Email:	karen.iovino@gilead.com
Correspondent Name:	ICOS CORPORATION
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Address Line 2:	333 LAKESIDE DRIVE
Address Line 4:	FOSTER CITY, CALIFORNIA 94404
ATTORNEY DOCKET NUMBER:	CL20008.06PFUSC3
NAME OF SUBMITTER:	ROBERT P. HOAG, REG. NO. 39,712

PATENT

SIGNATURE:	/ROBERT P. HOAG/
DATE SIGNED:	06/20/2014
Total Attachments: 4 source=60570784_PCT-US2005-16778_Parent_Assignment#page1.tif source=60570784_PCT-US2005-16778_Parent_Assignment#page2.tif source=60570784_PCT-US2005-16778_Parent_Assignment#page3.tif source=60570784_PCT-US2005-16778_Parent_Assignment#page4.tif	

MARSHALL, GERSTEIN & BORUN LLP, 233 S. Wacker Drive, Suite 6300, Sears Tower, Chicago, Illinois 60606-6357

ASSIGNMENT

Serial No: 60/570,784
Filed: May 13, 2004

Serial No.: PCT/US2005/16778
Filed: May 12, 2005

Title: INHIBITORS OF HUMAN PHOSPHATIDYLINOSITOL 3-KINASE DELTA

For \$10.00 (Ten Dollars) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assigns to ICOS CORPORATION, 22021 20th Avenue S.E., Bothell, Washington 98021 (hereinafter "Assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for letters patent of the United States, executed by the undersigned on, November 6, 2006 and in said applications and any and all other applications, both in the United States and in other countries, which the undersigned may file or be named as an inventor, either solely or jointly with others, on said invention or improvements, and in any and all letters patent of the United States and other countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorize and request the Commissioner for Patents to issue said letters patent to said Assignee.

The undersigned warrant themselves to be the owners of the interest herein assigned and to have the right to make this assignment and further warrant that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned except in favor of Assignee.

For said consideration the undersigned hereby agree, upon the request and at the expense of said Assignee, its successors and assigns, to execute any and all applications on said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any letters patent that may be granted upon any and all of said applications, and any and all applications and other documents for letters patent in other countries on said invention or improvements, that said Assignee, its successors or assigns, may deem necessary or expedient, and for said consideration the undersigned further agree upon the request of said Assignee, its successors or assigns, in the event of any application or letters patent assigned herein becoming involved in Interference or Opposition, to cooperate to the best of the ability of the undersigned with said Assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said letters patent, both in the United States and in other countries, and vest all rights therein hereby conveyed in said Assignee, its successors and assigns, whereby said letters patent will be held and enjoyed by said Assignee, its successors and assigns, to the full end of the term for which said letters patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

WITNESS our hands this

6 day of November, 2006.

[Signature]
Kerry W. Fowler

[Signature]
Danwen Huang

[Signature]
Edward A. Kesicki

[Signature]
Hua C. Ooi

[Signature]
Amy Oliver

[Signature]
Fuqiang Ruan

[Signature]
Jennifer Treiberg

On this 6 day of November, 2006, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same persons whose names are subscribed to the foregoing instrument, and acknowledged that they executed said instrument as their free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

My Commission Expires:

10-9-09

[Signature]
Notary Public



MARSHALL, GERSTEIN & BORUN LLP, 233 S. Wacker Drive, Suite 6300, Sears Tower, Chicago, Illinois 60606-6357

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For \$10.00 (Ten Dollars) and other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the undersigned hereby assigns to ICOS CORPORATION, 22021 20th Avenue S.E., Bothell, Washington 98021 (hereinafter "Assignee"), its successors and assigns, the entire right, title and interest in the invention or improvements of the undersigned disclosed in an application for letters patent of the United States, executed by the undersigned on, November 21, 2006 and in said applications and any and all other applications, both in the United States and in other countries, which the undersigned may file or be named as an inventor, either solely or jointly with others, on said invention or improvements, and in any and all letters patent of the United States and other countries, which may be obtained on any of said applications, and in any reissue or extension thereof.

The undersigned hereby authorize and request the Commissioner for Patents to issue said letters patent to said Assignee.

The undersigned warrant themselves to be the owners of the interest herein assigned and to have the right to make this assignment and further warrant that there are no outstanding prior assignments, licenses, or other rights in the interest herein assigned except in favor of Assignee.

For said consideration the undersigned hereby agree, upon the request and at the expense of said Assignee, its successors and assigns, to execute any and all applications on said invention or improvements, and any necessary oath or affidavit relating thereto, and any application for the reissue or extension of any letters patent that may be granted upon any and all of said applications, and any and all applications and other documents for letters patent in other countries on said invention or improvements, that said Assignee, its successors or assigns, may deem necessary or expedient, and for said consideration the undersigned further agree upon the request of said Assignee, its successors or assigns, in the event of any application or letters patent assigned herein becoming involved in Interference or Opposition, to cooperate to the best of the ability of the undersigned with said Assignee, its successors or assigns, in the matters of preparing and executing the preliminary statement and giving and producing evidence in support thereof, the undersigned hereby agreeing to perform, upon request, any and all affirmative acts to obtain said letters patent, both in the United States and in other countries, and vest all rights therein hereby conveyed in said Assignee, its successors and assigns, whereby said letters patent will be held and enjoyed by said Assignee, its successors and assigns, to the full end of the term for which said letters patent may be granted as fully and entirely as the same would have been held and enjoyed by the undersigned if this assignment and sale had not been made.

WITNESS our hands this 21st day of NOVEMBER, 2006.

Kamal Deep Puri
Kamal Deep Puri

On this 21 day of November, 2006, before me, a Notary Public in and for the County and State aforesaid, appeared, to me personally known to be the same persons whose names are subscribed to the foregoing instrument, and acknowledged that they executed said instrument as their free and voluntary act and for the uses and purposes therein expressed.

WITNESS my hand and seal the same day and year last above given.

My Commission Expires: 10-9-09 Yolena Gaycock
Notary Public

