

## PATENT ASSIGNMENT COVER SHEET

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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT	
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT	
<b>SEQUENCE:</b>	2	
<b>CONVEYING PARTY DATA</b>		
	<b>Name</b>	<b>Execution Date</b>
	YI HAN	07/08/2014
<b>RECEIVING PARTY DATA</b>		
<b>Name:</b>	UNIVERSITY COLLEGE DUBLIN	
<b>Street Address:</b>	NATIONAL UNIVERSITY OF IRELAND	
<b>City:</b>	BELFIELD, DUBLIN	
<b>State/Country:</b>	IRELAND	
<b>Postal Code:</b>	4	
<b>PROPERTY NUMBERS Total: 1</b>		
	<b>Property Type</b>	<b>Number</b>
	Application Number:	14632612
<b>CORRESPONDENCE DATA</b>		
<b>Fax Number:</b>	(561)423-9297	
<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>	5618017700	
<b>Email:</b>	ibmptomail@iplawpro.com	
<b>Correspondent Name:</b>	CUENOT, FORSYTHE & KIM, LLC	
<b>Address Line 1:</b>	20283 STATE ROAD 7	
<b>Address Line 2:</b>	STE. 300	
<b>Address Line 4:</b>	BOCA RATON, FLORIDA 33498	
<b>ATTORNEY DOCKET NUMBER:</b>	UCD2005602_CAM920140008US	
<b>NAME OF SUBMITTER:</b>	TERRY W. FORSYTHE	
<b>SIGNATURE:</b>	/TERRY W. FORSYTHE/	
<b>DATE SIGNED:</b>	02/26/2015	
<b>Total Attachments: 3</b>		
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**ASSIGNMENT AGREEMENT**

**Title of Invention: PEER-TO-PEER SHARING OF NETWORK RESOURCES**

THIS ASSIGNMENT is made the 8<sup>th</sup> July 2014.

BETWEEN

**Yi Han, a Chinese Citizen of 5 Owenstown Park, Mount Merrion, Co,  
Dublin, Ireland;**

(hereinafter called "the Inventors") of the first part

AND

**University College Dublin, National University of Ireland, Dublin, with an  
address at Belfield, Dublin 4, Ireland**

(hereinafter called "the Assignee") of the other part

**WHEREAS** the Inventors claim to be the true inventors of an invention relating  
to **"PEER-TO-PEER SHARING OF NETWORK RESOURCES"**  
(hereinafter called "the Invention"),

**AND WHEREAS** the Inventors agree with the Assignee to assign and transfer  
unto the Assignee all right title and interest of the Inventors in and to the said  
Invention and all rights and powers to apply for Patent for the Invention in  
Ireland and elsewhere in the name of the Assignee and any resultant Patent  
granted thereon for the consideration hereinafter appearing

1. **NOW THIS DEED WITNESSETH** that in pursuance of the said  
Agreement and in consideration for the use of UCD facilities and resources the  
Inventors hereby assign to the Assignee absolutely the Invention, any existing  
improvements therein or modifications thereof, and any know-how, copyright  
and design relating thereto together with all rights and interest in the same and  
all rights and powers to make application for Patent in the name of the

Assignee or in the name of its nominee, in Ireland and in any other country of the World in respect of the Invention or improvements therein or modifications thereof, together with all rights and benefits arising therefrom under the International Convention for the Protection of Industrial Property.

2. The Inventors hereby covenant with the Assignee as follows:

(i) That the Inventors (so far as necessary) permit and enable the Assignee to apply for and will take all reasonable steps to assist the Assignee or its nominee in obtaining the grant of patent or like protection in respect of the Invention hereinbefore assigned in any territory as may be required by Assignee

(ii) That the Inventors will at the request and cost of the Assignee execute such documents, and do all such acts and things as may be necessary for the purpose of sub-paragraph (i) hereof and for vesting any relevant inventions, application for patent, patent, know-how, copyright or design in the Assignee or its nominee absolutely.

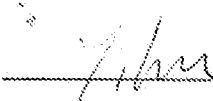
3. The Inventors hereby irrevocably appoint the Assignee as attorney in name to execute any document, and do any act or thing which may be necessary to comply with the provisions of Clause 2 hereof.

It is hereby certified that the consideration (other than rent) for the sale/lease is wholly attributable to property which is not residential property and that the transaction effected by this instrument does not form part of a larger transaction or a series of transactions in respect of which the amount or value, or the aggregate amount or value, of the consideration (other than rent) which is attributable to properties which is not residential property exceeds €6,350.


IN WITNESS WHEREOF the parties hereto have executed these presents the day and year first herein written

SIGNED by

Yi Han

  
Signature

in the presence of:

Name NICOLA STOKES  
Signature   
Address School of Computer Science & Informatics  
University College Dublin


SIGNED by

**Brendan Cremen**

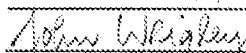
As duly authorised officer of

University College Dublin,

National University of Ireland, Dublin

  
Signature

in the presence of:

Name JOHN WRIGLEY  
Signature   
Address NOVA VIO BELFIELD  
INNOVATION PARK, BELFIELD, DUBLIN 4