

<b>PATENT ASSIGNMENT COVER SHEET</b>
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<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
TRACEY HO	01/06/2015
MICHAEL BURD	01/06/2015
DEREK LEONG	01/08/2015
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<b>City:</b>	PASADENA
<b>State/Country:</b>	CALIFORNIA
<b>Postal Code:</b>	91125
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	15022251
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	
<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>	
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<b>ATTORNEY DOCKET NUMBER:</b>	19815-250
<b>NAME OF SUBMITTER:</b>	BEVERLY E. HJORTH
<b>SIGNATURE:</b>	/Beverly E. Hjorth/
<b>DATE SIGNED:</b>	03/16/2016
<b>Total Attachments: 4</b>	
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ASSIGNMENT

We,

Tracey Ho,	residing at	1107 Laguna Road Pasadena, California 91105
Michael Burd,	residing at	3036 SW Gentry Ct. Lees Summit, Missouri 64081
and Derek Leong,	residing at	10-F Bedok South Ave 2, Apt. 08-540 Singapore 465010, SINGAPORE

Assignors, for good and valuable consideration, receipt of which is hereby acknowledged, hereby sell, assign, and transfer to **California Institute of Technology**, (Assignee) a California university, having a principal place of business at 1200 E. California Boulevard, W/C 6-32, Pasadena, California 91125 and its successors and assigns, the entire right, title and interest in and to the invention

**System and Method for Joint Dynamic Forwarding and Caching in Content Distribution Networks**

and to the patent applications filed therefor, **PCT Application No. PCT/US2014/058396**, filed on **September 30, 2014**, and any other patent applications filed therefor, and such patents, reissues, reexaminations, and extensions thereof which issue in any country upon said patent applications, which correspond with or claim priority from said applications, or any divisional, continuation, or continuation-in-part thereof, including the right to sue and collect for past infringement; the same to be held and enjoyed by Assignee for its own use, and for the use of its legal representatives, to the full term for which such patents are entitled, as fully and entirely as the same would have been held by us had this assignment not been made.

We hereby further covenant and agree that we will not execute any writing or do any act whatsoever conflicting with this agreement, and that we, our successors and assigns, will at any time upon request without further additional consideration, but at the expense of Assignee, its successors and assigns, execute such additional writings and do such additional acts as Assignee, its successors and assigns, may determine as necessary or desirable in the enjoyment of this grant, and in any proceedings or transactions involving such invention, patent applications or patents.

By:

  
\_\_\_\_\_  
Tracey Ho

Date: 1/6/15

  
\_\_\_\_\_  
(Witness Signature)

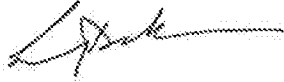
Mirna Zamora  
\_\_\_\_\_  
(Witness Printed Name)

Michael D. Burd  
Michael Burd

Date: 1-6-2015

Samantha Hice  
(Witness Signature)

Samantha Hice  
(Witness Printed Name)



\_\_\_\_\_  
Derek Leong

Date: JAN 8, 2015.



\_\_\_\_\_  
(Witness Signature)

JIN YUNYE

\_\_\_\_\_  
(Witness Printed Name)