

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT3562132

|   |                            |
|---|----------------------------|
| <b>SUBMISSION TYPE:</b>   | NEW ASSIGNMENT             |
| <b>NATURE OF CONVEYANCE:</b>  | ASSIGNMENT                 |
| <b>CONVEYING PARTY DATA</b>   |                            |
| <b>Name</b>   | <b>Execution Date</b>      |
| TED T KUO   | 12/07/2009                 |
| LI-JEN WANG   | 12/10/2009                 |
| BO-CHIEH YANG   | 12/02/2009                 |
| SIMON E.M. BARBER   | 12/07/2009                 |
| DIANA K SMETTERS  | 12/03/2009                 |
| JEFFREY D. ABRAMOWITZ   | 12/07/2009                 |
| ANDREA PEIRO  | 12/09/2009                 |
| <b>RECEIVING PARTY DATA</b>   |                            |
| <b>Name:</b>  | PALO ALTO RESEARCH CENTER  |
| <b>Street Address:</b>  | 3333 COYOTE HILL ROAD      |
| <b>City:</b>  | PALO ALTO                  |
| <b>State/Country:</b>   | CALIFORNIA                 |
| <b>Postal Code:</b>   | 94304                      |
| <b>PROPERTY NUMBERS Total: 1</b>  |                            |
| <b>Property Type</b>  | <b>Number</b>              |
| <b>Application Number:</b>  | 14877503                   |
| <b>CORRESPONDENCE DATA</b>  |                            |
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| <b>ATTORNEY DOCKET NUMBER:</b>  | 007412.02803               |
| <b>NAME OF SUBMITTER:</b>   | SCOTT M. KELLY             |
| <b>SIGNATURE:</b>   | /SCOTT M KELLY/            |
| <b>DATE SIGNED:</b>   | 10/08/2015                 |

PATENT

**Total Attachments: 8**

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**ASSIGNMENT**

Attorney Docket No.: PARC-20090295-US-MP

The undersigned is/are the named inventor(s) (the "Inventor(s)") on a United States patent application entitled

**APPARATUS AND METHODS FOR PROTECTING NETWORK RESOURCES**

(the "Application") for inventions disclosed or claimed therein (the "Invention(s)"), which Application:

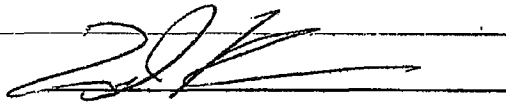
- is being executed concurrently herewith,
- was first executed on
- was filed on 12 October 2009 as Application Number **12/677,684**
- claims the benefit of U.S. Provisional Application(s) No(s). filed .

Palo Alto Research Center Incorporated a Delaware Corporation, on behalf of itself, its successors and it assigns, and its legal representatives (PARC) is entitled to all rights in the Application and the Invention(s), and the full cooperation of the Inventor(s).

For valuable consideration, the receipt of which is hereby acknowledged, the Inventor(s) hereby sell(s), assign(s), and transfer(s) to PARC the entire and exclusive right, title and interest in the Application and the Invention(s), in and for the United States, its territories, and all foreign countries, including all applications, patents, design registrations and publications obtained or derived therefrom, world wide, and all priority rights under all present or future conventions and treaties, and any provisional applications for which priority is claimed in the Application; and

- (1) request the U.S. Commissioner of Patents to issue all U.S. Letters Patent granted thereon to PARC;
- (2) agree that PARC may apply for and receive all foreign Letters Patent thereon;
- (3) agree to execute all papers and take all actions necessary or desirable in connection therewith requested by PARC; and
- (4) authorize PARC to subsequently enter the Application Number on this Assignment, if not already entered above.

Ted T. Kuo



Date 12/7/09

Li-Jen Wang

\_\_\_\_\_

Date \_\_\_\_\_

Bo-chieh Yang

\_\_\_\_\_

Date \_\_\_\_\_

Simon E. M. Barber

\_\_\_\_\_

Date \_\_\_\_\_

Diana K. Smetters

\_\_\_\_\_

Date \_\_\_\_\_

Jeffrey D. Abramowitz

\_\_\_\_\_  
Date \_\_\_\_\_

Andrea Peiro

\_\_\_\_\_  
Date \_\_\_\_\_

**ASSIGNMENT**

**Attorney Docket No.: PARC-20090295-US-XP**

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Ted T. Kuo

\_\_\_\_\_  
Date \_\_\_\_\_

Li-Jen Wang

*Li-Jen Wang*  
\_\_\_\_\_  
Date *12/10/2009*

Bo-chieh Yang

\_\_\_\_\_  
Date \_\_\_\_\_

Simon E. M. Barber

\_\_\_\_\_  
Date \_\_\_\_\_

Diana K. Smetters

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Date \_\_\_\_\_

Jeffrey D. Abramowitz

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Date \_\_\_\_\_

Andrea Peiro

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Date \_\_\_\_\_

**ASSIGNMENT**

**Attorney Docket No.: PARC-20090295-US-HP**

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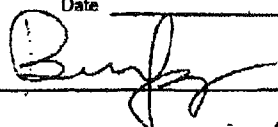
Ted T. Kuo

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Date \_\_\_\_\_

Li-Jen Wang

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Andrea Peiro

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Date \_\_\_\_\_



**ASSIGNMENT**

**Attorney Docket No.: PARC-20090295-US-NP**

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Li-Jen Wang

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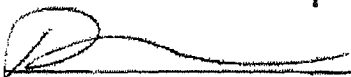
Bo-chieh Yang

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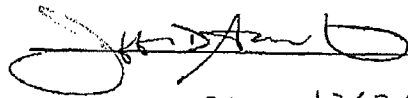
Simon E. M. Barber

  
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Date 12/7/2009

Diana K. Smetters

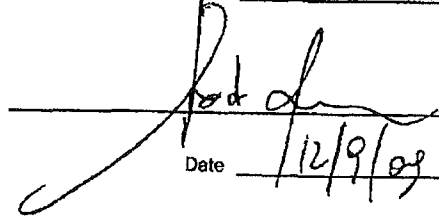
  
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Date 12/3/09

Jeffrey D. Abramowitz



Date 12/7/09

Andrea Peiro



Date 12/9/09