

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ted T. Kuo</td> <td>12/07/2009</td> </tr> <tr> <td>Li-Jen Wang</td> <td>12/10/2009</td> </tr> <tr> <td>Bo-chieh Yang</td> <td>12/02/2009</td> </tr> <tr> <td>Simon E. M. Barber</td> <td>12/07/2009</td> </tr> <tr> <td>Diana K. Smetters</td> <td>12/03/2009</td> </tr> <tr> <td>Jeffrey D. Abramowitz</td> <td>12/07/2009</td> </tr> <tr> <td>Andrea Peiro</td> <td>12/09/2009</td> </tr> </tbody> </table>		Name	Execution Date	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
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RECEIVING PARTY DATA																	
Name:	Palo Alto Research Center Incorporated																
Street Address:	3333 Coyote Hill Road																
City:	Palo Alto																
State/Country:	CALIFORNIA																
Postal Code:	94304																
PROPERTY NUMBERS Total: 1																	
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12577684</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12577684												
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CORRESPONDENCE DATA																	
Fax Number:	(530)759-1665																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
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ATTORNEY DOCKET NUMBER:	PARC-20090295-US-NP																

CH \$40.00 12577684

501042019

PATENT
REEL: 023657 FRAME: 0169

NAME OF SUBMITTER:

Edward J. Grundler, Reg. No. 47,615

Total Attachments: 8

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ASSIGNMENT

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

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:

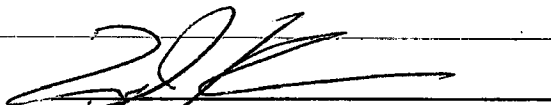
- is being executed concurrently herewith,
- was first executed on
- was filed on 12 October 2009 as Application Number **12/577,684**
- claims the benefit of U.S. Provisional Application(s) No(s) filed .

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

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Date _____

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Date *12/10/2009*

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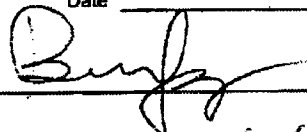
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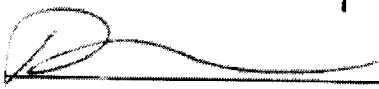
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Simon E. M. Barber



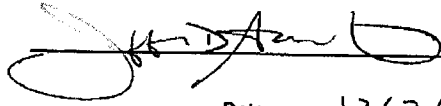
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Diana K. Smetters

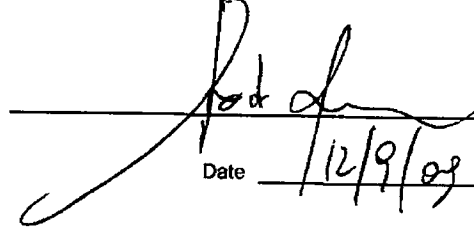


Date 12/3/09

Jeffrey D. Abramowitz


Date 12/7/09

Andrea Peiro


Date 12/9/09