

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Daniel H. Greene	11/14/2011
Haitham A.S. Hindi	08/31/2011
Robert R. Price	09/06/2011
Bryan T. Preas	11/14/2011
John Hanley	09/16/2011
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	
Property Type	Number
Application Number:	13297028
CORRESPONDENCE DATA	
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Correspondent Name:	Shun Yao
Address Line 1:	Park, Vaughan, Fleming & Dowler LLP
Address Line 2:	2820 Fifth Street
Address Line 4:	Davis, CALIFORNIA 95618
ATTORNEY DOCKET NUMBER:	PARC-20110013-US-NP
NAME OF SUBMITTER:	Shun Yao, Reg. No. 59,242

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PATENT
REEL: 027245 FRAME: 0750

Total Attachments: 4

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ASSIGNMENT

Attorney Docket No.: PARC-20110013-U/S-NP

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

HIERARCHICAL MODEL COMMUNICATION AND CONTROL IN A MANAGED ELECTRICAL SYSTEM

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

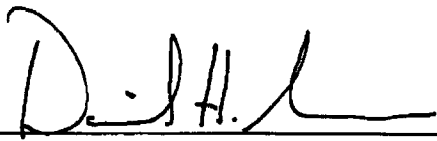
- is being executed concurrently herewith,
- was first executed on
- was filed on 15 November 2011 as Application Number 13/297,028
- claims the benefit of U.S. Provisional Application(s) No(s). filed .

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.

Daniel H. Greene



 Date 11/14/11

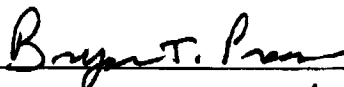
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Bryan T. Preas



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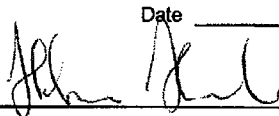
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Haitham A.S. Hindi



Date 2011/08/31

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Date _____

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Daniel H. Greene

Date _____

Haitham A.S. Hindi

Date _____

Robert R. Price

Robert R Price
Date Sept 6, 2011

Bryan T. Preas

Date _____

John Hanley

Date _____

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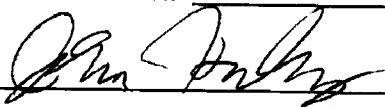
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Date 7/16/2011