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PATENT ASSIGNMENT COVER SHEET

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NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
RICHARD RAUSCHMAYER	07/10/2006
STEVEN E. STRAUSS	07/10/2006
TATSUA SAKAI	07/11/2006

RECEIVING PARTY DATA

Name:	AGERE SYSTEMS INC.
Street Address:	1110 AMERICAN PARKWAY NE
City:	ALLENTOWN
State/Country:	PENNSYLVANIA
Postal Code:	18109

PROPERTY NUMBERS Total: 1

Property Type	Number
Patent Number:	8291251

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ATTORNEY DOCKET NUMBER:	AGERE-001100
NAME OF SUBMITTER:	DOUGLAS M. HAMILTON
Signature:	/Douglas M. Hamilton/
	PATENT

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Date:	12/31/2013
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PATENT REEL: 031864 FRAME: 0457

ASSIGNMENT

Attorney Docket No.:

AGERE-001200

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First Named Inventor:

Richard Rauschmayer et al.

SYSTEMS AND METHODS FOR MODULAR

POWER MANAGEMENT

WHEREAS, we, Richard Rauschmayer, residing at 2006 Prestwick Ct., Longmont, Colorado; Steven E. Strauss, residing at 1714 Laurel Lane, Orefield, Pennsylvania; and Tatsuya Sakai, residing at 1-8-12-301, Minamirinkan, Yamato, Kanagawa, Japan have invented certain new and useful improvements as described in an application entitled SYSTEMS AND METHODS FOR MODULAR POWER MANAGEMENT Letters Patent of the United States, the application having been executed on even date herewith, and/or being identified in the United States Patent and Trademark Office by Application No. 12/280,790 filed August 26, 2008

WHEREAS, Agere Systems Inc., having offices at 1110 American Pkwy NE, Allentown, Pennsylvania 18109-9137 ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the application, and any and all Letters Patent or similar legal protection, foreign or domestic, to be obtained therefor;

NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which are hereby acknowledged, we transfer to Assignee, its successors and assigns, our entire right, title, and interest in and to the invention, the above-identified patent application, corresponding domestic applications (including divisionals, continuations, and continuations-in-part), corresponding foreign applications, all Letters Patent or similar legal protection issuing thereon, and all rights and benefits under any applicable treaty or convention; and we authorize the Commissioner of Patents and Trademarks of the United States or foreign equivalent thereof to issue the Letters Patent or similar legal protection to the Assignee.

We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date and application number of the application when ascertained. We authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries.

We represent to the Assignee, its successors and assigns, that we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. We, our executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries.

ichard Rauschmayer

CERTIFICATE OF ACKNOWLEDGMENT

Subscribed and sworn to before me, a Notary Public,

this 10 day of , 2006.

Notary Public

(SEAL)

COMMONWEALTH OF PENNSYLVANIA

Notarial Seal Rachel A. Panczyszin, Notary Public City Of Allentown, Lehigh County My Commission Expires July 14, 2009

Member, Pennsylvania Association of Notaries

ASSIGNMENT	First Named Inventor: Richard Rauschmayer et al.
	Title: SYSTEMS AND METHODS FOR MODULAR POWER MANAGEMENT
Dated: 10 July 2006	Steven E. Strauss
CERTIFICATE OF ACKNOWLEDGMENT	, 0
STATE OF Cennsylvania	
STATE OF <u>Pennsylvenio</u>) SS. COUNTY OF <u>Lehigh</u>	
Subscribed and sworn to before me, a Notary Public this 10 day of, 2006.	•
Rachel a. Panczypyjin Notary Public	-
(SEAL) COMMONWEALTH OF PENNSY Notarial Seal Rachel A. Panczyszin, Notary P City Of Allentown, Lehigh Cou My Commission Expires July 14, Member, Pennsylvania Association of	ublic nty 2009
Dated:	
CERTIFICATE OF ACKNOWLEDGMENT	Tatsuya Sakai
STATE OF)	
COUNTY OF) SS.	
Subscribed and sworn to before me, a Notary Public, this day of, 2006.	
Notary Public	<u>.</u>

(SEAL)

Attorney Docket No.:

AGERE-001200

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PATENT REEL: 031864 FRAME: 0459

ASSIGNMENT

Attorney Docket No.:

AGERE-001200

Page 2 of 3

First Named Inventor:

Richard Rauschmayer et al.

SYSTEMS AND METHODS FOR MODULAR POWER MANAGEMENT

Dated:	
CERTIFICATE OF ACKNOWLEDGMENT	Steven E. Strauss
STATE OF) SS.	
COUNTY OF) SS.	
Subscribed and sworn to before me, a Notary Public, this day of, 2006.	
Notary Public	
(SEAL)	
Dated: JUL.11.2006	Tatsuya Sakai
CERTIFICATE OF ACKNOWLEDGMENT	Tatsuya Sakai
STATE OF	
) SS.	
Subscribed and sworn to before me, a Notary Public, this day of, 2006.	
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RECORDED: 12/31/2013