

PATENT ASSIGNMENT

Electronic Version v1.1
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| SUBMISSION TYPE: | NEW ASSIGNMENT |
| NATURE OF CONVEYANCE: | ASSIGNMENT |
| CONVEYING PARTY DATA | |
| Name | Execution Date |
| John A. Carelli Jr. | 12/07/2006 |
| Fan Zhou | 12/05/2006 |
| 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 |
| Application Number: | 11567986 |
| CORRESPONDENCE DATA | |
| Fax Number: | (516)759-9512 |
| <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i> | |
| Phone: | 516-759-7517 |
| Email: | nyoffice@rml-law.com |
| Correspondent Name: | Joseph B. Ryan |
| Address Line 1: | 90 Forest Avenue |
| Address Line 2: | Ryan, Mason & Lewis, LLP |
| Address Line 4: | Locust Valley, NEW YORK 11560 |
| ATTORNEY DOCKET NUMBER: | CARELLI 8-4 |
| NAME OF SUBMITTER: | Joseph B. Ryan |

Total Attachments: 6
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· ASSIGNMENT AND AGREEMENT

For value received, we, John A. Carelli, Jr., of Allentown in the County of Lehigh and State of Pennsylvania, and Fan Zhou, of Allentown in the County of Lehigh and State of Pennsylvania, hereby sell, assign and transfer to Agere Systems Inc., a corporation of the State of Delaware, having an office at 1110 American Parkway NE, Allentown, PA 18109, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **CELL MODELING FOR INTEGRATED CIRCUIT DESIGN WITH CHARACTERIZATION OF UPSTREAM DRIVER STRENGTH** described in an application for Letters Patent of the United States, executed by us of even date herewith, and all the rights and privileges in said application and under any and all Letters Patent that may be granted in the United States for said inventions; and we also concurrently hereby sell, assign and transfer to Agere Systems Inc. the entire right, title and interest in and to said inventions for all countries foreign to the United States, including all rights of priority arising from the application aforesaid, and all the rights and privileges under any and all forms of protection, including Letters Patent, that may be granted in said countries foreign to the United States for said inventions.

We authorize Agere Systems Inc. to make application for such protection in its own name and maintain such protection in any and all countries foreign to the United States, and to invoke and claim for any application for patent or other form of protection for said inventions, without further authorization from us, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

We hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any document which may be required in any country in proof of the right of Agere Systems Inc. to apply for patent or other form of protection for said inventions and to claim the aforesaid benefit of the right of priority.

We request that any and all patents for said inventions be issued to Agere Systems Inc. in the United States and in all countries foreign to the United States, or to such nominees as Agere Systems Inc. may designate.

We agree that, when requested, we shall, without charge to Agere Systems Inc. but at its expense, sign all papers, and do all acts which may be necessary, desirable or convenient in connection with said applications, patents, or other forms of protection.

John A. Carelli, Jr.
John A. Carelli, Jr.

Date: 12/7/06

United States of America)

State of Pennsylvania) ss.:

County of Lehigh)

On this 7 day of ~~December~~ December 2006, before me personally came John A. Carelli, Jr., to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Rachel A. Panczyzsin
Notary Public

COMMONWEALTH OF PENNSYLVANIA

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

Member, Pennsylvania Association of Notaries

Fan Zhou

Date: _____

United States of America)

State of Pennsylvania) ss.:

County of Lehigh)

On this _____ day of _____, 20____, before me personally came Fan Zhou, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public

Ryan, Mason & Lewis, LLP
90 Forest Avenue
Locust Valley, New York 11560
(516) 759-2722

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John A. Carelli, Jr.

Date: _____

United States of America)

State of Pennsylvania) ss.:

County of Lehigh)

On this _____ day of _____, 20____, before me personally came John A. Carelli, Jr., to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Notary Public



Fan Zhou

Date: 12/5/2006

United States of America)

State of Pennsylvania) ss.: 209 76 6662

County of Lehigh)

On this 5th day of DEC, 2006, before me personally came Fan Zhou, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public

DANIEL G. BRAET
NOTARY PUBLIC - STATE OF NEW YORK
No. 01BR6115214
Qualified in Suffolk County
Commission Expires September 07, 2008

Ryan, Mason & Lewis, LLP
90 Forest Avenue
Locust Valley, New York 11560
(516) 759-2722