

PATENT ASSIGNMENT

Electronic Version v1.1

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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>Ahmed Amin</td><td>11/21/2006</td></tr><tr><td>David L. Crouthamel</td><td>11/21/2006</td></tr><tr><td>John W. Osenbach</td><td>11/21/2006</td></tr><tr><td>Thomas H. Shilling</td><td>11/22/2006</td></tr><tr><td>Brian T. Vaccaro</td><td>11/21/2006</td></tr></tbody></table>	Name	Execution Date	Ahmed Amin	11/21/2006	David L. Crouthamel	11/21/2006	John W. Osenbach	11/21/2006	Thomas H. Shilling	11/22/2006	Brian T. Vaccaro	11/21/2006	
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RECEIVING PARTY DATA													
<table border="1"><tr><td>Name:</td><td>Agere Systems Inc.</td></tr><tr><td>Street Address:</td><td>1110 American Parkway NE</td></tr><tr><td>City:</td><td>Allentown</td></tr><tr><td>State/Country:</td><td>PENNSYLVANIA</td></tr><tr><td>Postal Code:</td><td>18109</td></tr></table>	Name:	Agere Systems Inc.	Street Address:	1110 American Parkway NE	City:	Allentown	State/Country:	PENNSYLVANIA	Postal Code:	18109			
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PROPERTY NUMBERS Total: 1													
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CORRESPONDENCE DATA													
Fax Number: (516)759-9512 <i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>													
Phone: 9148794642													
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NAME OF SUBMITTER:	Michael L. Wise												

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PATENT
REEL: 018546 FRAME: 0602

Total Attachments: 6

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PATENT

REEL: 018546 FRAME: 0603

ASSIGNMENT AND AGREEMENT


For value received, we, Ahmed Amin, of Allentown in the County of Lehigh and State of Pennsylvania, David L. Crouthamel, of Bethlehem, in the County of Northampton and State of Pennsylvania, John W. Osenbach, of Kutztown in the County of Berks and State of Pennsylvania, Thomas H. Shilling, of Macungie in the County of Lehigh and State of Pennsylvania, and Brian T. Vaccaro, of Mertztown 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 **FLIP CHIP ASSEMBLY HAVING IMPROVED THERMAL DISSIPATION** 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.


Ahmed Amin

Date: 11/21/06

United States of America)

State of Pennsylvania) ss.:

County of Lehigh)

On this 21st day of November 20 06, before me personally came Ahmed Amin, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Joanne M. Pukaszyn, Notary Public
Hanover Twp., Lehigh County
My Commission Expires Jan. 20, 2010
Member, Pennsylvania Association of Notaries


Notary Public



David L. Crouthamel

Date: 11/21/06

United States of America)

State of Pennsylvania) ss.:

County of Lehigh)

On this 21st day of November 2006, before me personally came David L. Crouthamel, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

COMMONWEALTH OF PENNSYLVANIA

Notarial Seal


Joanna M. Pukaszyn, Notary Public

Hanover Twp., Lehigh County

My Commission Expires Jan. 20, 2010

Member Pennsylvania Association of Notaries


Notary Public


John W. Osenbach

Date: 11/4/06

United States of America)

State of Pennsylvania) ss.:

County of Lehigh)

On this 21st day of November 20 06, before me personally came John W. Osenbach, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Joanna M. Fukszyn, Notary Public
Hanover Twp., Lehigh County
My Commission Expires Jan. 20, 2010
Member, Pennsylvania Association of Notaries


Notary Public

Thomas H. Shilling
Thomas H. Shilling

Date: 11/22/06

United States of America)

State of Pennsylvania) ss.:

County of Lehigh)

On this 22nd day of November 2006, before me personally came Thomas H. Shilling, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Joanne M. Pukczyn, Notary Public
Hanover Twp., Lehigh County
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Member, Pennsylvania Association of Notaries

Joanne M. Pukczyn
Notary Public

Brian T. Vaccaro
Brian T. Vaccaro

Date: 11/21/06

United States of America)

State of Pennsylvania) ss.:

County of Lehigh)

On this 21st day of November, 2006, before me personally came Brian T. Vaccaro, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

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Joanne M. Pukczyn
Notary Public

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