

PATENT ASSIGNMENT

Electronic Version v1.1
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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Boris A. Bark	09/15/2005
Brad L. Grande	09/07/2005
Peter Kiss	09/07/2005
Johannes G. Ransijn	09/07/2005
James D. Yoder	09/07/2005
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:	12794845
CORRESPONDENCE DATA	
Fax Number:	(215)557-8477
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>	
Phone:	215-557-6656
Email:	leighann@mendelip.com
Correspondent Name:	Steve Mendelsohn
Address Line 1:	Mendelsohn, Drucker, & Associates, P.C.
Address Line 2:	1500 John F. Kennedy Blvd., Suite 405
Address Line 4:	Philadelphia, PENNSYLVANIA 19102
ATTORNEY DOCKET NUMBER:	BARK 1-3-6-12-8-BA-US2
NAME OF SUBMITTER:	David L. Cargille

OP \$40.00 12794845

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**PATENT
 REEL: 024556 FRAME: 0781**

Total Attachments: 7

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Agere Case Name: Bark 1-3-6-12-8
S&L File No.: P27,803 USA/6002-117 US

ASSIGNMENT AND AGREEMENT

For value received, We, Boris A. Bark in the County of Monmouth and State of New Jersey, Brad L. Grande in the County of Monmouth and State of New Jersey, Peter Kiss in the County of Morris and State of New Jersey, Johannes G. Ransijn in the County of Berks and State of Pennsylvania and James D. Yoder in the County of Lancaster and State of Pennsylvania 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, 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 **Single Transformer Digital Isolation Barrier** described in an application for Letters Patent of the United States, filed June 23, 2005 and assigned Application No. 11/159,614, 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 I 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.

I 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 me, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

I 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.

Agere Case Name: Bark 1-3-6-12-8
S&L File No.: P27,803 USA/6002-117 US

I 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.

I agree that, when requested, I 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.

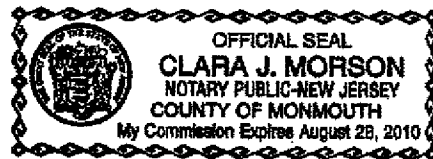
Boris A. Bark
Boris A. Bark

Date: Sept 15 2005

United States of America)
State of New Jersey) ss.:
City of Paterson)

On this 15 day of September, 2005, before me personally came Boris A. Bark, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Clara J. Morson
Notary Public



Peter Kiss

Peter Kiss

Date: 9/7/2005

State of Pennsylvania) ss.:

County)
City of Lehigh)

On this 7th day of September, 2005, before me personally came Peter Kiss, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Janet M. Garger
Witness or Notary Public

COMMONWEALTH OF PENNSYLVANIA

Notarial Seal
Janet M. Garger, Notary Public
City Of Allentown, Lehigh County
My Commission Expires Dec. 28, 2008

Member, Pennsylvania Association of Notaries

Johannes G. Ransijn
Johannes G. Ransijn

Date: 9/7/05

State of Pennsylvania) ss.:
County)
City of Lehigh)

On this 7th day of September, 2005, before me personally came Johannes G. Ransijn, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Janet M. Garger
Witness or Notary Public

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Janet M. Garger, Notary Public
City Of Allentown, Lehigh County
My Commission Expires Dec. 28, 2008
Member, Pennsylvania Association of Notaries

James D. Yoder
James D. Yoder

Date: 9/7/05

State of Pennsylvania)
County of Lehigh)
City of Lehigh) ss.:

On this 7th day of September, 2005, before me personally came James D. Yoder, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Janet M. Garger
Witness or Notary Public

Agere Systems Inc.
1110 American Parkway NE
Allentown, Pennsylvania 18109

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Janet M. Garger, Notary Public
City Of Allentown, Lehigh County
My Commission Expires Dec. 28, 2008
Member, Pennsylvania Association of Notaries

ASSIGNMENT AND AGREEMENT

P. R. For value received, We, Boris A. Bark in the County of Monmouth and State of New Jersey, Brad L. Grande in the County of ~~Monmouth~~ ^{WARREN} and State of New Jersey, Peter Kiss in the County of ~~Monmouth~~ ^{Somerset} and State of New Jersey, Johannes G. Ransijn in the County of Berks and State of Pennsylvania and James D. Yoder in the County of Lancaster and State of Pennsylvania 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, 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 **Single Transformer Digital Isolation Barrier** described in an application for Letters Patent of the United States, filed June 23, 2005 and assigned Application No. 11/159,614, 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 I 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.

I 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 me, any and all benefits, including the right of priority provided by any and all treaties, conventions, or agreements.

I 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.

Brad L. Grande

Brad L. Grande

Date: 9/9/2005

State of Pennsylvania) ss.:
County Lehigh)
City of)

On this 9th day of September, 2005, before me personally came Brad L. Grande, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Janet M. Garger
Witness or Notary Public

COMMONWEALTH OF PENNSYLVANIA
Notarial Seal
Janet M. Garger, Notary Public
City Of Allentown, Lehigh County
My Commission Expires Dec. 28, 2008
Member, Pennsylvania Association of Notaries