



FORM PTO-1595
Rev. 6-93
OMB-0651-0011

04-28-2004

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

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102731653

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

<p>1. Name of conveying party(ies): Paul G. D'Arcy, Kerry D. Snyder, Jesse Thilo, Kent E. Wires and Vitaly A. Zelov</p> <p style="text-align: right; font-size: 1.2em;">4-22-04</p> <p>Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p> <p>3. Nature of conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____</p> <p>Execution Date: <u>04/16/04; 11/05/03; 11/06/03; 11/06/03; 11/06/03</u></p>	<p>2. Name and address of receiving party(ies): Name: <u>Agere Systems Inc.</u> Internal Address: _____ Street Address: <u>1110 American Parkway NE</u> City: <u>Allentown</u> State: <u>PA</u> Zip: <u>18109</u></p> <p>Additional name(s) & address(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No</p>
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4. Application number(s) or patent number(s):
If this document is being filed together with a new application, the execution date of the application is _____.

A. Patent Application No.(s) B. Patent No. (s)

10/697,717

Additional numbers attached? Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: <u>Steve Mendelsohn</u> Internal Address: <u>Mendelsohn & Associates, P.C.</u> Street Address: <u>1515 Market Street</u> <u>Suite 715</u> City: <u>Philadelphia</u> State: <u>PA</u> Zip: <u>19102</u></p>	<p>6. Total number of applications and patents involved: <u>1</u></p> <p>7. Total fee (37 CFR 3.41) \$ <u>\$40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account</p> <p>8. Deposit account number: (Attach duplicate copy of this page if paying by deposit account)</p>
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9. Statement and signature.
To the best of my knowledge and belief, the foregoing information is true and correct and any attached copy is a true copy of the original document.

Ian M. Hughes [Signature] 4/20/04
Name of Person Signing Signature Date

Total number of pages including cover sheet, attachments, and document: 7

Mail documents to be recorded with required cover sheet information to:
Director of the Patent and Trademark Office, Mail Stop Assignment Recordation Services
P.O. Box 1450, Alexandria, VA 22313-1450

992.1108 (Case Name: D'Arcy 16-2-7-8-1)

PATENT
REEL: 015257 FRAME: 0801

ASSIGNMENT AND AGREEMENT

For value received, I, as a below-named inventor:

Paul G. D'Arcy of **Chelmsford** in the County of Montgomery and State of Massachusetts,
Kerry D. Snyder of **Orefield** in the County of Lehigh and State of Pennsylvania,
Jesse Thilo of **Bethlehem** in the County of Lehigh and State of Pennsylvania,
Kent E. Wires of **Mine Hill** in the County of Morris and State of New Jersey,
Vitaly A. Zelov of **Riegelsville** in the County of Bucks and State of Pennsylvania,

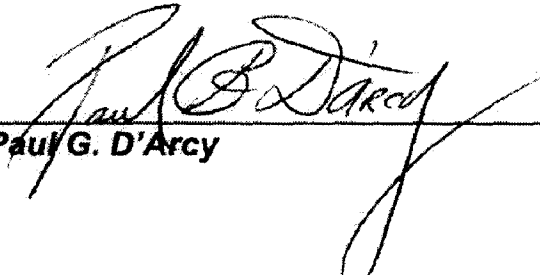
hereby sell, assign and transfer to Agere Systems Inc., a corporation of the State of Delaware, having an office at 1110 American Parkway NE, Allentown, PA 18109, U.S.A., and its successors, assigns and legal representatives, the entire right, title and interest, for the United States of America, in and to certain inventions related to **Checksum Calculator** 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 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 us, 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.

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.



Paul G. D'Arcy

Date: 4/16/2004

United States of America)

State of Massachusetts)ss.:

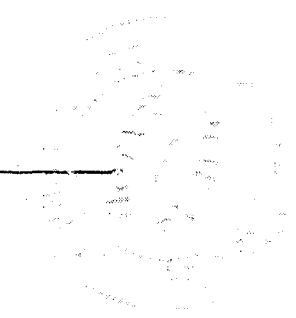
City of Chelmsford)

On this 16th day of April 2004, before me personally came **Paul G. D'Arcy**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

STEPHEN J. RODMAN
Notary Public
My Commission Expires August 20, 2004



Kerry D. Snyder
Kerry D. Snyder

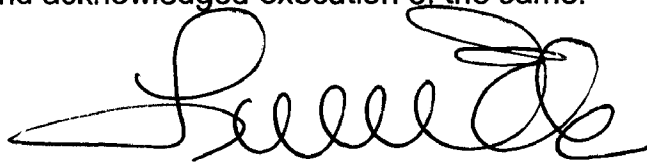
Date: 11/5/03

United States of America)

State of PA)ss.:

City of Orefield)

On this 5th day of November 2003, before me personally came **Kerry D. Snyder**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

Notarial Seal
Lance W. Ek, Notary Public
South Whitehall Twp., Lehigh County
My Commission Expires Jan. 19, 2004
Member, Pennsylvania Association of Notaries

Jesse Thilo
Jesse Thilo

Date: 6 Nov 2003

United States of America)

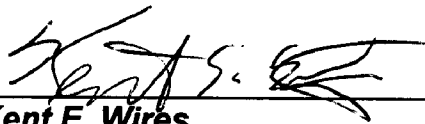
State of Pennsylvania)ss.:

City of Allentown)

On this 6th day of November 2003, before me personally came **Jesse Thilo**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Mary Ellen Dobish
Notary Public

Notarial Seal
Mary Ellen Dobish, Notary Public
Allentown, Lehigh County
My Commission Expires Nov. 6, 2004
Member, Pennsylvania Association of Notaries



Kent E. Wires

Date: 11/6/03

United States of America)

State of Pennsylvania)ss.:

City of Allentown)

On this 6th day of November 2003, before me personally came **Kent E. Wires**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

Notarial Seal
Mary Ellen Dobish, Notary Public
Allentown, Lehigh County
My Commission Expires Nov. 6, 2004

Member Pennsylvania Association of Notaries

Vitaly A. Zelov
Vitaly A. Zelov

Date: *Sept 11.06.03*

United States of America)

State of *Pennsylvania*)ss.:

City of *Allentown*)

On this *6th* day of *November* 20*03*, before me personally came **Vitaly A. Zelov**, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

Mary Ellen Dobish
Notary Public

Notarial Seal
Mary Ellen Dobish, Notary Public
Allentown, Lehigh County
My Commission Expires Nov 6, 2004
Member Pennsylvania Association of Notaries

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