

02-11-2002

Attorney Docket No. 3731-0139P

Form PT 1595 (Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002)

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HEET

U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office

101979280

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

1. Name of conveying party(ies): Victor Katsap Eric Munro John Andrew Rouse Warren K. Waskiewicz Xieqing Zhu Additional name of conveying party(ies) attached?  Yes  No

1.30.02

2. Name and address of receiving party(ies) Name: Agere Systems Inc.

Internal Address: 555 Union Boulevard

City: Allentown State: PA Zip: 18109

Additional Name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:  Assignment  Merger  Security Agreement  Change of Name  Other

Execution Date(s): 12/28/01; 04/04/01; 04/04/01; 01/02/02; 04/04/01

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: October 4, 2000 A. Patent Application No.(s) 09/679,403 B. Patent No.(s) Additional numbers attached?  Yes  No

5. Name and address of party to whom correspondence concerning this document should be mailed: Name: John A. Castellano Internal Address: Harness, Dickey & Pierce, P.L.C. Street Address: P.O. Box 8910 City: Reston State: VA Zip: 20195

6. Total number of applications and/or patents involved: 1

7. Total fee (37 CFR 3.41) . . . . . \$ 40.00  Enclosed  Authorized to be charged to deposit account

8. The Commissioner is hereby authorized to charge any additional fees that may be required or credit any overpayments to Deposit Account No. 08-0750. A duplicate copy of this sheet is enclosed.

DO NOT USE THIS SPACE

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. John A. Castellano, Reg. No. 35,094 Name of Person Signing Signature Date January 7, 2002

Total number of pages including cover sheet, attachments, and documents: 8

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

02/08/2002 GTON11 00000197 080750 09679403 01 FC:581 40.00 CH

PATENT REEL: 012553 FRAME: 0657

Agere Ref. No. 121570/Katsap 8-3-3-13-3  
Attorney Docket No. 3731-0139P

### ASSIGNMENT AND AGREEMENT

*Somerset, USA* For value received, we, Victor Katsap of Belle Mead in the County of Somerset, USA and State of New Jersey, Eric Munro of London in the County of LONDON and State of U.K., John Andrew Rouse of Surrey in the County of SURREY and State of U.K., Warren K. Waskiewicz of Clinton in the County of \_\_\_\_\_ and State of New Jersey, Xieqing Zhu of London in the County of LONDON and State of U.K., hereby sell, assign and transfer to Agere Systems Inc., a corporation of the State of Delaware, having an office at 555 Union Boulevard, 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 **Electron Beam Lithography** 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.

Agere Ref. No. 121570/Katsap 8-3-3-13-3  
Attorney Docket No. 3731-0139P

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.


  
\_\_\_\_\_  
Victor Katsap

Date: 12/28/2000

United States of America            )  
State of                                ) ss.:  
City of                                 )

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally came Victor Katsap, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public

  
\_\_\_\_\_  
Eric Munro

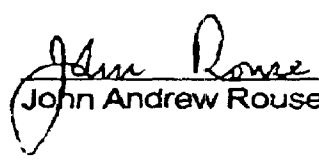
Date: 4/4/2001

United States of America            )  
State of                                ) ss.:  
County of                             )

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally came Eric Munro, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public

Agere Ref. No. 121570/Katsap 8-3-3-13-3  
Attorney Docket No. 3731-0139P

  
\_\_\_\_\_  
John Andrew Rouse

Date: 4/4/2001

United States of America        )  
State of                            ) ss.:  
County of                         )

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally came John Andrew Rouse, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public

\_\_\_\_\_  
Warren K. Waskiewicz

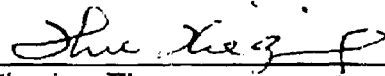
Date: \_\_\_\_\_

United States of America        )  
State of                            ) ss.:  
County of                         )

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally came Warren K. Waskiewicz, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public

Agere Ref. No. 121570/Katsap 8-3-3-13-3  
Attorney Docket No. 3731-0139P

  
\_\_\_\_\_  
Xieqing Zhu

Date: 4/4/2001

United States of America        )  
State of                            ) ss.:  
County of                         )

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally came Xieqing Zhu, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public

Agere Systems Inc.  
555 Union Boulevard  
Allentown, Pennsylvania 18109

Agere Ref. No. 121570/Katsap 8-3-3-13-3  
Attorney Docket No. 3731-0139P

### ASSIGNMENT AND AGREEMENT

For value received, we, Victor Katsap of Belle Mead in the County of \_\_\_\_\_ and State of New Jersey, Eric Munro of London in the County of LONDON and State of U.K., John Andrew Rouse of Surrey in the County of SURREY and State of U.K., Warren K. Waskiewicz of Clinton in the County of HUNTERDON and State of New Jersey, Xieqing Zhu of London in the County of LONDON and State of U.K., hereby sell, assign and transfer to Agere Systems Inc., a corporation of the State of Delaware, having an office at 555 Union Boulevard, 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 **Electron Beam Lithography** 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.

Agere Ref. No. 121570/Katsap 8-3-3-13-3  
Attorney Docket No. 3731-0139P

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.

\_\_\_\_\_  
Victor Katsap

Date: \_\_\_\_\_

United States of America     )  
State of                             ) ss.:  
City of                                )

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally came Victor Katsap, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public

*Eric Munro*

\_\_\_\_\_  
Eric Munro

Date: 4/4/2001


United States of America     )  
State of                             ) ss.:  
County of                            )

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally came Eric Munro, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public

Agere Ref. No. 121570/Katsap 8-3-3-13-3  
Attorney Docket No. 3731-0139P


3

  
\_\_\_\_\_  
John Andrew Rouse

Date: 4/4/2001

United States of America     )  
State of                             ) ss.:  
County of                            )

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally came John Andrew Rouse, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public  
  
\_\_\_\_\_  
Warren K. Waskiewicz

Date: Jan 02, 2002

United States of America     )  
State of                             ) ss.:  
County of                            )

On this \_\_\_\_\_ day of \_\_\_\_\_, 19\_\_\_\_, before me personally came Warren K. Waskiewicz, to me known to be the individual described in and who executed the foregoing instrument, and acknowledged execution of the same.

\_\_\_\_\_  
Notary Public