

04-29-2002

4/18/02



AKULOVA 5-8-6-11-15

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Resubmission (Non-Recordation)
Document ID#

Correction of PTO Error
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Conveyance Type

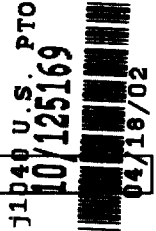
Assignment Security Agreement

License Change of Name

Merger Other

U.S. Government
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Departmental File Secret File



Conveying Party(ies)

Mark if additional names of conveying parties attached

Name (line 1) Execution Date Month Day Year

Name (line 2)

Second Party

Name (line 1) Execution Date Month Day Year

Name (line 2)

10/125169

Receiving Party

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If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

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Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

City State/Country Zip Code

Domestic Representative Name and Address

Enter for the first Receiving Party only.

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

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PATENT

REEL: 012825 FRAME: 0166

Correspondent Name and Address **Area Code and Telephone Number** (972) 480-8800

Name Greg H. Parker

Address (line 1) Hitt Gaines & Boisbrun, P.C.

Address (line 2) P.O. Box 832570

Address (line 3) Richardson, Texas 75083

Address (line 4)

Pages Enter the total number of pages of the attached conveyance document including any attachments. # 9

Application Number(s) or Patent Number(s) Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)			Patent Number(s)		
N/A					

If this document is being filed together with a new Patent Application, enter the date the patent application was signed by the first named executing inventor. Month Day Year
04 13 2002

Patent Cooperation Treaty (PCT)

Enter PCT application number only if a U.S. Application Number has not been assigned.

PCT PCT PCT

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Number of Properties Enter the total number of properties involved. # 1

Fee Amount Fee Amount for Properties Listed (37 CFR 3.41): \$ 40.00

Method of Payment: Enclosed Deposit Account


Deposit Account
(Enter for payment by deposit account or if additional fees can be charged to the account.)

Deposit Account Number: #

Authorization to charge additional fees: Yes No

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. Charges to deposit account are authorized, as indicated herein.

Greg H. Parker  04/18/2002

Name of Person Signing Signature Date

RECORDATION FORM COVER SHEET
CONTINUATION
PATENTS ONLY

Conveying Party(ies)

Mark if additional names of conveying parties attached

Enter additional Conveying Parties

Name (line 1) Mark S. Hybertsen

Execution Date
Month Day Year

04 15 2002

Name (line 2)

Execution Date
Month Day Year

Name (line 1) Charles W. Lentz

04 10 2002

Name (line 2)

Execution Date
Month Day Year

Name (line 1) Abdallah Ougazzaden

04 10 2002

Name (line 2)

Receiving Party(ies)

Mark if additional names of receiving parties attached

Enter additional Receiving Party(ies)

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) City State/Country Zip Code

Name (line 1)

If document to be recorded is an assignment and the receiving party is not domiciled in the United States, an appointment of a domestic representative is attached. (Designation must be a separate document from Assignment.)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3) City State/Country Zip Code

Application Number(s) or Patent Number(s)

Mark if additional numbers attached

Enter either the Patent Application Number or the Patent Number (DO NOT ENTER BOTH numbers for the same property).

Patent Application Number(s)

Patent Number(s)

11040 U.S. PAT. 10/125169 04/16/02

ASSIGNMENT

For value received, we, Yukiya A. Akulova, a citizen of Russia and resident of Goleda in the County of Santa Barbara and the State of California, and Kenneth G. Glogovsky, of Kempton in the County of Berks and the State of Pennsylvania, and Mark S. Hybertsen, of West Orange in the County of and the State of New Jersey, and Charles W. Lentz, of Reading in the County of Berks and the State of Pennsylvania, and Abdallah Ougazzaden, a citizen of France and resident of Breinigsville in the County of Lehigh and the State of Pennsylvania, hereby sell, assign and transfer to Agere Systems Inc., a corporation of the State of Delaware, having an office at 555 Union Boulevard, Allentown, Pennsylvania 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 "AN OPTOELECTRONIC DEVICE HAVING A BARRIER LAYER ASSOCIATED THEREWITH AND A METHOD OF MANUFACTURE THEREOF" 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.

Yuliya A. Akulova

Yuliya A. Akulova

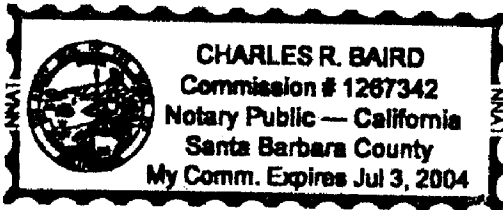
^L Y.A. 04/13/02

STATE OF CALIFORNIA

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§
§

COUNTY OF SANTA BARBARA

On this 13TH day of APRIL, 2002, before me personally came Yuliya A. Akulova, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.



Charles R. Baird

Notary Public

My Commission Expires:

JULY 3, 2004

Kenneth G. Glogovsky
Kenneth G. Glogovsky 4/10/02

STATE OF Pennsylvania §
COUNTY OF Lehigh §
§

On this 10th day of April, 2002, before me personally came Kenneth G. Glogovsky, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.

Janet M. Garger
Notary Public

My Commission Expires:

Notarial Seal
Janet M. Garger, Notary Public
Allentown, Lehigh County
My Commission Expires Dec. 28, 2004
Member, Pennsylvania Association of Notaries

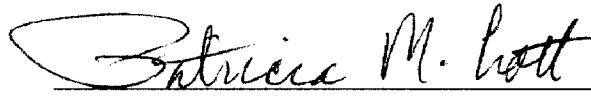


Mark S. Hybertsen

STATE OF New Jersey
COUNTY OF Union

§
§
§

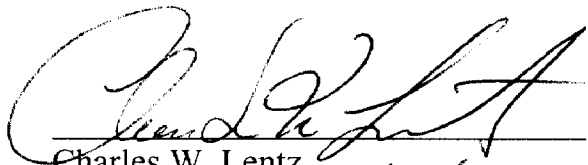
On this 15th day of April, 2002, before me personally came Mark S. Hybertsen, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.



Notary Public

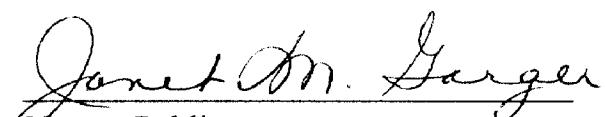
My Commission Expires:

**PATRICIA M. LOTT
NOTARY PUBLIC OF NEW JERSEY
Registered In Somerset County
My Commission Expires March 24, 2003**


Charles W. Lentz
4/10/2002

STATE OF Pennsylvania §
COUNTY OF Lehigh §
§

On this 10th day of April, 2002, before me personally came Charles W. Lentz, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.


Notary Public

My Commission Expires:

Notarial Seal
Janet M. Garger, Notary Public
Allentown, Lehigh County
My Commission Expires Dec. 28, 2004
Member, Pennsylvania Association of Notaries

[Handwritten Signature]

Abdallah Ougazzaden

04/10/2002

STATE OF Pennsylvania

COUNTY OF Lehigh

§
§
§

On this 10th day of April, 2002, before me personally came Abdallah Ougazzaden, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.

Janet M. Garger
Notary Public

My Commission Expires:

Notarial Seal
Janet M. Garger, Notary Public
Allentown, Lehigh County
My Commission Expires Dec. 28, 2004
Member, Pennsylvania Association of Notaries

Agere Systems Inc.
555 Union Boulevard
Allentown, Pennsylvania 18109