

05-21-2001



101723410

05/11/01  
CHETLUR 21-4-173-4

**RECORDATION FORM COVER SHEET  
PATENTS ONLY**

U.S. PTO  
09/853317  
05/11/01

TO: The Commissioner of Patents and Trademarks: Please record the attached original document(s) or copy(ies).

**Submission Type**

New

Resubmission (Non-Recordation)  
Document ID#

Correction of PTO Error  
Reel #  Frame #

Corrective Document  
Reel #  Frame #

**Conveyance Type**

Assignment  Security Agreement

License  Change of Name

Merger  Other

**U.S. Government**  
(For Use ONLY by U.S. Government Agencies)

Departmental File  Secret File

**Conveying Party(ies)**

Mark if additional names of conveying parties attached

Name (line 1)

Name (line 2)

Execution Date  
Month Day Year  
04 10 2001

**Second Party**

Name (line 1)

Name (line 2)

Execution Date  
Month Day Year  
03 28 2001

**Receiving Party**

Mark if additional names of receiving parties attached

Name (line 1)

Name (line 2)

Address (line 1)

Address (line 2)

Address (line 3)

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.)

**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)

**FOR OFFICE USE ONLY**

Public burden reporting for this collection of information is estimated to average approximately 30 minutes per Cover Sheet to be recorded, including time for reviewing the document and gathering the data needed to complete the Cover Sheet. Send comments regarding this burden estimate to the U.S. Patent and Trademark Office, Chief Information Officer, Washington, D.C. 20231 and to the Office of Information and Regulatory Affairs, Office of Management and Budget, Paperwork Reduction Project (0651-0027), Washington, D.C. 20503. See OMB Information Collection Budget Package 0651-0027, Patent and Trademark Assignment Practice. DO NOT SEND REQUESTS TO RECORD ASSIGNMENT DOCUMENTS TO THIS ADDRESS.

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

**PATENT**  
REEL: 011804 FRAME: 0916

**Correspondent Name and Address** Area Code and Telephone Number

Name

Address (line 1)

Address (line 2)

Address (line 3)

Address (line 4)

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

**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)		
<input type="text" value="N/A"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

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
<input type="text" value="04"/>	<input type="text" value="10"/>	<input type="text" value="2001"/>

**Patent Cooperation Treaty (PCT)**

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

PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>
PCT <input type="text"/>	PCT <input type="text"/>	PCT <input type="text"/>

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

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

Method of Payment: Enclosed  Deposit Account

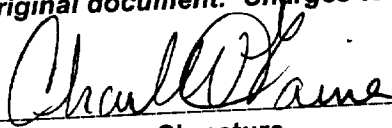
Deposit Account (Enter for payment by deposit account or if additional fees can be charged to the account.)

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.

Charles W. Gaines  05/11/2001

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) Minesh A. Patel

Execution Date  
Month Day Year  
03 28 2001

Name (line 2)

Execution Date  
Month Day Year  
03 28 2001

Name (line 1) Pradip K. Roy

Name (line 2)

Name (line 1) Jonathan Zhong-Ning Zhou

Execution Date  
Month Day Year  
03 28 2001

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)


U.S. PATENT  
09/853331

ASSIGNMENT

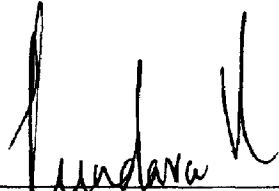
For value received, we, Sundar Chetlur, a citizen of India and resident of Singapore, and Jennifer M. McKinley, of Orlando in the County of Orange and the State of Florida, and Minesh A. Patel, of Orlando in the County of Orange and the State of Florida, and Pradip K. Roy, of Orlando in the County of Orange and the State of Florida, and Jonathan Zhong-Ning Zhou, of Orlando in the County of Orange and the State of Florida, hereby sell, assign and transfer to Agere Systems Guardian Corporation, a corporation of the State of Delaware, having an office at 14645 N. W. 77th Avenue; Suite 105, Miami Lakes, Florida 33014, 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 "METHOD OF CREATING HYDROGEN ISOTOPE RESERVOIRS IN A SEMICONDUCTOR DEVICE" 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 Guardian Corporation 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 Guardian Corporation 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 Guardian Corporation 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 Guardian Corporation in the United States and in all countries foreign to the United States, or to such nominees as Agere Systems Guardian Corporation may designate.

We agree that, when requested, we shall, without charge to Agere Systems Guardian Corporation 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.

  
Sundar Chetlur

§  
§  
§

COUNTRY OF India

On this 11<sup>th</sup> day of April, 2001, before me personally came Sundar Chetlur, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.

  
WITNESS

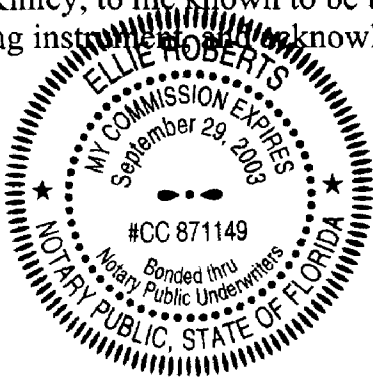
Jennifer M. McKinley  
Jennifer M. McKinley

STATE OF FLORIDA

COUNTY OF ORANGE

§  
§  
§

On this 28<sup>th</sup> day of MARCH, 2001, before me personally came Jennifer M. McKinley, to me known to be the individual described herein and who executed the foregoing instrument and acknowledged execution of the same.



Ellie Roberts  
Notary Public

My Commission Expires:

Sept. 29, 2003

Minesh Patel  
Minesh A. Patel

STATE OF FLORIDA

§  
§  
§

COUNTY OF ORANGE

On this 28<sup>th</sup> day of MARCH, 2001, before me personally came Minesh A. Patel, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.



Ellie Roberts  
Notary Public

My Commission Expires:  
Sept. 29, 2003

Pradip K Roy  
Pradip K. Roy

STATE OF FLORIDA  
COUNTY OF ORANGE

§  
§  
§

On this 28<sup>th</sup> day of MARCH, 2001, before me personally came Pradip K. Roy, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.

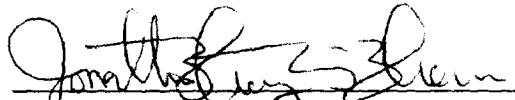


Ellie Roberts  
Notary Public

My Commission Expires:

Sept. 29, 2003



  
Jonathan Zhong-Ning Zhou

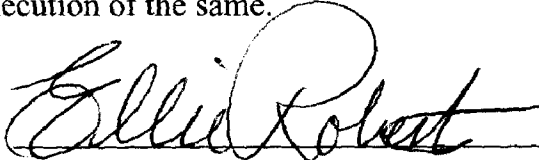
STATE OF Florida

COUNTY OF Orange

§  
§  
§

On this 28<sup>th</sup> day of MARCH, 2001, before me personally came Jonathan Zhong-Ning Zhou, 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:

Sept 29, 2003

Agere Systems Guardian Corporation  
14645 N. W. 77th Avenue; Suite 105  
Miami Lakes, Florida 33014