

01-29-2002  
101963467

DOWNEY 14-10-2

RECO...ION FORM COVER SHEET  
**PATENTS ONLY**

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

**Submission Type**

New *10/26/01*

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

J1040 U.S. PTO  
10/04/2001  
10/26/01

**Conveying Party(ies)**

Mark if additional names of conveying parties attached

Name (line 1) Stephen W. Downey Execution Date: 10 18 2001

Name (line 2) [ ]

**Second Party**

Name (line 1) Edward B. Harris Execution Date: 10 18 2001

Name (line 2) [ ]

**Receiving Party**

Mark if additional names of receiving parties attached

Name (line 1) Agere Systems Guardian Corporation

Name (line 2) a Corporation of Delaware

Address (line 1) 9333 S. John Young Parkway; Room 301E1211

Address (line 2) [ ]

Address (line 3) Orlando Florida 32819  
City State/Country Zip Code

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**

01/28/2002 6TDM11 00000133 501735 10047516  
01 FC:581 40.00 CH

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: 012502 FRAME: 0858**

Correspondent Name and Address

Area Code and Telephone Number (972) 480-8800

Name Charles W. Gaines

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.

# 7

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  
10 18 2001

Patent Cooperation Treaty (PCT)

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

PCT		PCT		PCT	
PCT		PCT		PCT	

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:  
Deposit Account

Enclosed  Deposit Account

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

Deposit Account Number:

# 501735

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

10/26/2001

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

Execution Date  
Month Day Year

Name (line 1) Paul B. Murphey

10 18 2001

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

J1049 U.S. Pat. & TM. Off. 10/047516

Name (line 2)

Execution Date  
Month Day Year

Name (line 1)

10/26/01

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)

Grid for Patent Application Number(s) with 5 rows and 3 columns of input boxes.

Grid for Patent Number(s) with 5 rows and 3 columns of input boxes.

ASSIGNMENT

For value received, we, Stephen W. Downey, of Orlando in the County of Orange and the State of Florida, and Edward B. Harris, of Orlando in the County of Orange and the State of Florida, and Paul B. Murphey, of Winter Garden 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 9333 S. John Young Parkway; Room 301E1211, Orlando, Florida 32819, 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 "A METHOD OF MANUFACTURING A SEMICONDUCTOR DEVICE EMPLOYING A FLUORINE-BASED ETCH SUBSTANTIALLY FREE OF HYDROGEN" 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.

Stephen W. Downey  
Stephen W. Downey

STATE OF Florida

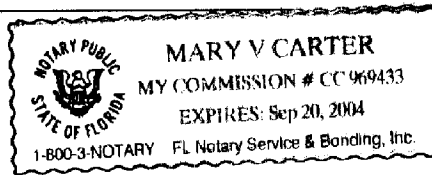
§  
§  
§

COUNTY OF Orange

On this 18<sup>th</sup> day of October, 2001, before me personally came Stephen W. Downey, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.

Mary V. Carter  
Notary Public

My Commission Expires:



Edward B. Harris  
Edward B. Harris

STATE OF Florida

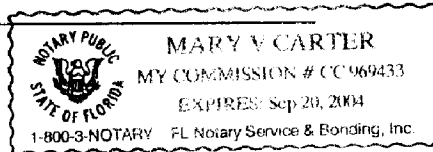
§  
§  
§

COUNTY OF Orange

On this 18 day of October, 2001, before me personally came Edward B. Harris, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.

Mary Carter  
Notary Public

My Commission Expires:



Paul B. Murphey  
Paul B. Murphey

STATE OF Florida

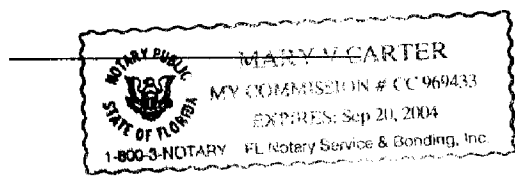
§  
§  
§

COUNTY OF Orange

On this 18<sup>th</sup> day of October, 2001, before me personally came Paul B. Murphey, to me known to be the individual described herein and who executed the foregoing instrument, and acknowledged execution of the same.

Mary V. Carter  
Notary Public

My Commission Expires:



Agere Systems Guardian Corporation  
9333 S. John Young Parkway; Room 301E1211  
Orlando, Florida 32819