

PATENT

11-25-2002



102292259  
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1017 U.S. PATENT  
10/298847  
11/16/02

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Assignment  Security Agreement  
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**U.S. Government**  
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Conveying Party(ies)

Mark if additional names of conveying parties attached

Name (line 1) **Harris, James M.**  
 Name (line 2)

Execution Date  
 Month Day Year  
**11112002**

Second Party

Name (line 1) **Patel, Sapna**  
 Name (line 2)

Execution Date  
 Month Day Year  
**11132002**

Receiving Party

Mark if additional names of receiving parties attached

Name (line 1) **Redwood Microsystems, Inc.**  
 Name (line 2) **a California corporation**  
 Address (line 1) **959 Hamilton Avenue**  
 Address (line 2)   
 Address (line 3) **Menlo Park** **CA** **94025**

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

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Name   
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PATENT  
 REEL: 13504 FRAME: 0978

**Correspondent Name and Address**

Area Code and Telephone (650) 712-0420

Name Tina M. Lessani

Address (line 1) Law Office of Tina M. Lessani

Address (line 2) 220 Turnberry Road

Address (line 3) Half Moon Bay, CA 94019

Address (line 4)

**Pages** Enter the total number of pages of the conveyance document including attachments # 2

**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)

11112002

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

**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 Enclosed  Deposit Account

**Deposit Account**

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

Deposit Account Number: # 502218

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.

Tina M. Lessani  
Name of Person Signing

*Tina M. Lessani*  
Signature

November 18, 2002  
Date

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the person(s) named below (referred to as "INVENTOR" whether singular or plural) has sold, assigned, and transferred and does hereby sell, assign, and transfer to **Redwood MicroSystems, Inc.**, a California corporation, having a place of business at 959 Hamilton Avenue, Menlo Park, CA 94025 ("ASSIGNEE"), for itself and its successors, transferees, and assignees, the following:

1. The entire worldwide right, title, and interest in all inventions and improvements ("SUBJECT MATTER") that are disclosed in the non-provisional application filed under 35 U.S.C. §111(a) and entitled "**Method for Producing and Testing a Corrosion-Resistant Channel in a Silicon Device**" ("APPLICATION"), which:

is to be filed herewith

was filed on \_\_\_\_\_,

now bearing U.S. application number \_\_\_\_\_; and

2. The entire worldwide right, title, and interest in and to:  
 (a) the APPLICATION; (b) all applications claiming priority from the APPLICATION;  
 (c) all utility, divisional, continuation, substitute, renewal, reissue, and other related applications thereto which have been or may be filed in the United States or elsewhere in the world; (d) all patents (including reissues and re-examinations) which may be granted on the applications set forth in (a), (b), (c) and (d) above; and (e) all right of priority in the APPLICATION, together with all rights to recover damages for infringement of provisional rights.

INVENTOR agrees that ASSIGNEE may apply for and receive patents for SUBJECT MATTER in ASSIGNEE's own name.

INVENTOR agrees to do the following, when requested, and without further consideration, in order to carry out the intent of this Assignment: (1) execute all oaths, assignments, powers of attorney, applications, and other papers necessary or desirable to fully secure to ASSIGNEE the rights, titles and interests herein conveyed; (2) communicate to ASSIGNEE all known facts relating to the SUBJECT MATTER; and (3) generally do all lawful acts that ASSIGNEE shall consider desirable for securing, maintaining, and enforcing worldwide patent protection relating to the SUBJECT MATTER and for vesting in ASSIGNEE the rights, titles, and interests herein conveyed. INVENTOR further agrees to provide any successor, assign, or legal representative of ASSIGNEE with the benefits and assistance provided to ASSIGNEE hereunder.

INVENTOR represents that INVENTOR has the rights, titles, and interests to convey as set forth herein, and covenants with ASSIGNEE that the INVENTOR has not made and will not hereafter make any assignment, grant, mortgage, license, or other agreement affecting the rights, titles, and interests herein conveyed.

INVENTOR grants the attorney of record the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

Title of Document: **ASSIGNMENT**

Re: Patent Application titled "Method for Producing and Testing a Corrosion-Resistant Channel in a Silicon Device"

<u>Name and Signature</u>	<u>Date of Signature</u>	<u>Date Declaration Executed By This Person</u>
<u>James M. Harris</u> James M. Harris	<u>11/11</u> , 2002	<u>11/11</u> , 2002

State of \_\_\_\_\_ } S.S.  
County of \_\_\_\_\_ }

On \_\_\_\_\_ before me, \_\_\_\_\_ personally  
[DATE] [NOTARY PUBLIC]  
appeared \_\_\_\_\_ personally known to me or proved to me on the basis of  
[INVENTOR]  
satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

Notary Seal

Notary

<u>Name and Signature</u>	<u>Date of Signature</u>	<u>Date Declaration Executed By This Person</u>
<u>Sapna Patel</u> Sapna Patel	<u>11/13/</u> , 2002	<u>11/13/</u> , 2002

State of \_\_\_\_\_ } S.S.  
County of \_\_\_\_\_ }

On \_\_\_\_\_ before me, \_\_\_\_\_ personally  
[DATE] [NOTARY PUBLIC]  
appeared \_\_\_\_\_ personally known to me or proved to me on the basis of  
[INVENTOR]  
satisfactory evidence to be the person whose name is subscribed to the within instrument and acknowledged to me that he/she executed the same in his/her authorized capacity, and that by his/her signature on the instrument the person, or the entity upon behalf of which the person acted, executed the instrument.

Notary Seal

Notary