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Patent and Trademark

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1. Name of conveying party(ies):  
Richard J. Ferrant and Robert Alan Wadsworth

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

Name: STMicroelectronics, Inc.

Internal Address:

Additional name(s) of conveying parties attached?  Yes  No

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Street Address: 1310 Electronics Drive

City: Carrollton State: Texas ZIP: 75006

Execution Date: July 29, 1999

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

10525 U.S. PTO  
09/365125  
07/30/99

4. Application number(s) or patent numbers(s):

If this document is being filed together with a new application, the execution date of the application is:  
July 30, 1999

A. Patent Application No.(s)

B. Patent No.(s)

*09/365125*

Additional numbers attached:  Yes  No

5. Name and address of party to whom correspondence concerning document should be mailed:  
Name: Lisa K. Jorgenson  
Internal Address: Director of Intellectual Property

6. Total number of applications and patents involved : One

Street Address: 1310 Electronics Drive

City: Carrollton State: TX ZIP: 75006

7. Total fee (37 CFR 3.41) \$ 40.00

Enclosed  
 Authorized to be charged to deposit account

8. Deposit account number: 19-1353

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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.

Renee Michelle Larson  
Name of Person Signing

*Renee M. Larson*  
Signature

July 30, 1999  
Date

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**PATENT ASSIGNMENT**

**WHEREAS**, we, Ricahrd J. Ferrant, having a correspondence address of 45, Allec de Prapoutel, St. Ismier, France F38330, and Robert Alan Wadsworth, having a correspondence address of 600 South MacArthur Boulevard, Apartment 2718, Coppell, Texas 75019, have invented new and useful improvements in

**AN IMPROVED STRUCTURE AND METHOD WITH WHICH TO GENERATE DATA BACKGROUND PATTERNS FOR TESTING RANDOM-ACCESS-MEMORIES**

for which application was made for Letters Patent, said application being executed by me on the \_\_\_\_\_ day of \_\_\_\_\_, 1999, and further being identified by Docket No. 98-B-146.

**WHEREAS**, STMICROELECTRONICS, INC., a corporation of the State of Delaware, having a correspondence address of 1310 Electronics Drive, Carrollton, Texas 75006, is desirous of acquiring my entire right, title and interest in said application and my Letters Patent which may issue thereon:

**NOW, THEREFORE**, be it known by all whom it may concern that for and in consideration of One Dollar (\$1.00), the receipt of which is hereby acknowledged, and other good and valuable consideration, I hereby assign to said corporation, both in and for the territory of the United States of America and the entire world my entire right, title and interest in and to said invention, patent application and any patent which may issue thereon, including all priority rights for patent applications foreign to the United States of America.

**I HEREBY** covenant and agree that I will at any time, upon the request and at the expense of said corporation, execute and deliver any and all papers and do all lawful acts that may be necessary or desirable to perfect the title to said invention, applications and patents, and I authorize the Commissioner of Patents and Trademarks to issue Letters Patent to said corporation.

**I HEREBY** declare that all statements made herein of my knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

**IN TESTIMONY WHEREOF**, I execute this assignment on the 29<sup>th</sup> day of July, 1999.

Richard J. Ferrant  
Richard J. Ferrant

Robert Alan Wadsworth  
Robert Alan Wadsworth