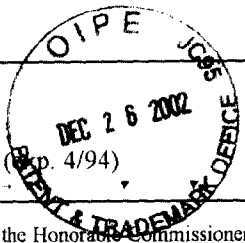


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U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof.

1. Name of conveying party(ies):

12.26.02

Gary Morton

Additional name(s) of conveying party(ies) attached? Yes No

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

STMicroelectronics Limited

Street Address:

1000 Aztec West
Almondsbury
Bristol, BS32 4SQ, U.K.

3. Nature of conveyance:

Assignment Merger

Security Agreement Change of Name

Other _____

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

Execution Date: October 23, 2002

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

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

A. Patent Application No.(s)

10/274,098 filed October 17, 2002

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

William F. Esser, Esq.
Jenkins & Gilchrist, P.C.
1445 Ross Avenue, Suite 3200
Dallas, Texas 75202-2799

6. Total number of applications and patents involved: One (1)

7. Total fee (37 C.F.R. 3.41):... \$ 40.00

Enclosed

Authorized to be charged to deposit account

8. Deposit account number: (for deficiency only)

10-0447

(Attach duplicate copy of this page if paying by deposit account)

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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.

William F. Esser
Name of Person Signing

William F. Esser
Signature (Reg.No. 38,053)

12-19-02, 2002
Date

Total number of pages including cover sheet, attachments, and document: 4

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40.00 OF

ASSIGNMENT

WHEREAS, I, Gary Morton, have invented certain new and useful improvements in the following:

SCAN CHAIN ELEMENT AND ASSOCIATED METHOD

for which I have made application for United States Letters Patent, the said application having been filed October 17, 2002 as Attorney Docket No. 50886-00013USPX; and

WHEREAS, STMicroelectronics Limited, a corporation organized and existing under the laws of the United Kingdom, having a place of business at 1000 Aztec West, Almondsbury, Bristol BS32 4SQ, United Kingdom (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring my entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for and in consideration of One Dollar (\$1.00) and other good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, I do hereby sell, assign and transfer unto ASSIGNEE, its successors, assigns and legal representatives my entire right, title and interest in and to said invention and in and to said applications and all patents which may be granted therefore, and all divisions, reissues, substitutions, continuations, continuation-in-part and extensions thereof; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to the said ASSIGNEE of my entire right, title and interest.

I also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said applications throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and

I further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

I hereby further agree that I will communicate to said ASSIGNEE, or its successors, assigns and legal representatives, any facts known to me respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, continuation-in-part, reissue and substitute applications, make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

I further authorize and direct my attorneys to insert below* the serial number and filing date of said application now identified as Case Docket No. 50886-00013USPX as soon as the same shall have been made known to them by the United States Patent Office.

*Serial Number: 10/274,098

Filing Date: October 17, 2002

IN WITNESS WHEREOF, I have hereunto set my hand and seal this ____ day of _____,

2002.

G J Morton 23/10/02

Name: Gary Morton
Address: 15 Alma Court
Alma Vale Road
Clifton
Bristol BS8 2HQ, U.K.

GJM