

FORM PTO-1595
(Rev. 6-93)

RE

08-14-2001

U.S. DEPARTMENT OF COMMERCE
Patent and Trademark Office

OMB No. 0651-0011 (exp. 4/94)
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Attached original documents or copy

To the Honorable Commissioner of Patents
thereof.

1. Name of conveying party(ies):

Stella Matarrese
Luca Giovanni Fasoli

08/02/01

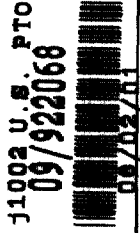
Additional name(s) of conveying party(ies)
attached? ___ Yes X No

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

STMicroelectronics, Inc.

Street Address:

1310 Electronics Drive
Carrollton, Texas 75006-5039



3. Nature of conveyance:

X Assignment ___ Merger
___ Security Agreement ___ Change of Name
___ Other _____

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

Execution Date: July 17, 2001

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

09/922068

If this document is being filed together with a new application, the execution date of the application is: July 17, 2001.

A. Patent Application No. new application
filed herewith

Additional numbers attached? ___ Yes X No

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

Lisa K. Jorgenson, Esq.
STMicroelectronics, Inc.
1310 Electronics Drive
Carrollton, Texas 75006-5039

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

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

X 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)

DO NOT USE THIS SPACE

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

[Signature]

8-2-01

Name of Person Signing

Signature (Reg.No. 38,053)

Date

Total number of pages including cover sheet, attachments, and document: 5

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01 FC:581

40.00 DP

ASSIGNMENT

WHEREAS, We, Stella Matarrese and Luca Giovanni Fasoli, have invented certain new and useful improvements in the following "**REDUNDANCY CIRCUIT AND METHOD FOR FLASH MEMORY DEVICES**" for which we have made application for United States Letters Patent, and;

WHEREAS, STMicroelectronics, Inc., a corporation having its principal place of business at 1310 Electronics Drive, Carrollton, Texas 75006-5039 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring our 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, we 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 we 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 our entire right, title and interest.

We 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

We 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.

We hereby further agree that we 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.

We further authorize and direct our attorneys to insert below* the serial number and filing date of said application now identified as Case Docket No. 01-FM-025 as soon as the same shall have been made known to them by the United States Patent Office.

*Serial Number: _____

Filing Date: _____

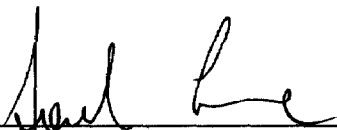
IN WITNESS WHEREOF, I have hereunto set my hand and seal this 17th day of July,

2001.

Stella Matarrese

Name: Stella Matarrese
Address: 37250 Sequoia Terrace #2035
Fremont, California 94536

IN WITNESS WHEREOF, I have hereunto set my hand and seal this 17th day of JULY,
2001.



Name: Luca Giovanni Fasoli
Address: 37250 Sequoia Terrace #2035
Fremont, California 94536