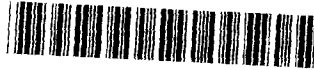


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FORM PTO-1595

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SHEET

U.S. Department of Commerce
(Rev. 06/04) U.S. Patent and Trademark Office

OMB No. 0651-0027 (exp. 6/30/2005)

PATENTS ONLY

To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) below.

1. Name of conveying party(ies)/Execution Date(s):

Roy Mader - Execution Date: 12/16/04
Bernard Bourgin - Execution Date: 12/16/04

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

Name and address of receiving party(ies)

STMicroelectronics, Inc.
1310 Electronics Drive
Carrollton, TX 75006-5039

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

19587 U.S. PTO
11/015318

121704

3. Nature of conveyance:

- Assignment Merger
- Security Agreement Change of Name
- Government Interest Assignment
- Executive Order 9424, Confirmatory License
- Other _____

4. Application or patent number(s):

This document is being filed together with a new application.

A. Patent Application No.(s)

B. Patent No.(s)

Attorney Docket No.: 04-LJ-072

Additional numbers attached? Yes No

5. Name and Address to whom correspondence concerning document should be mailed:

Name: Mario J. Donato, Jr., Esq.
Internal Address: STMicroelectronics, Inc.
1310 Electronics Drive
Street Address: same as above
City: Carrollton State: TX Zip: 75006

6. Total number of applications and patents involved:
1

7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00

- Authorized to be charged by credit card
- Authorized to be charged to deposit account
- Enclosed
- None required (government interest not affecting title)

8. Payment Information

a. Credit Card Last 4 Numbers _____

Expiration Date _____

b. Deposit account number 50-1123

Authorized User Name _____

9. Signature :

Peter J. Meza
Signature

12/17/04
Date

Peter J. Meza

Name of Person signing

Total number of pages including cover sheet, attachments and document: 3

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PATENT
EXPRESS MAIL NO. EV330611891US
Attorney Docket No. 04-LJ-072
Client/Matter No. 80408.0115

ASSIGNMENT

WHEREAS, we, Roy Mader, having a residence address of 1606 Boulder Creek Road, Oceanside, CA 92056, and Bernard Bourgin, having a residence address of 8455 Donaker Street, San Diego, CA 92129, have made a certain new and useful invention relating to a UNFOOTED DOMINO LOGIC CIRCUIT AND METHOD, for which we are making or we have made application for Letters Patent of the United States, said application being identified by Docket No. 04-LJ-072 and Client/Matter No. 80408.0115, in the law firm of HOGAN & HARTSON LLP, One Tabor Center, 1200 17th Street, Suite 1500, Denver, Colorado 80202, and which is executed concurrently herewith, and

WHEREAS, we now own the entire right, title and interest therein; and

WHEREAS, STMicroelectronics, Inc., hereinafter ASSIGNEE, a Delaware corporation, whose post office address is 1310 Electronics Drive, Carrollton, TX 75006, is desirous of acquiring the entire interest in and to said invention, said application, and the Letters Patent to be obtained therefor;

NOW THEREFORE, upon consideration of our employment and other good and valuable consideration, the adequacy of which is hereby acknowledged, we do hereby sell and assign unto ASSIGNEE, and ASSIGNEE's legal representatives, successors, and assigns, the entire right, title, and interest in and to said invention, said application, and the Letters Patent, both of the United States and of other countries, that may or shall issue thereon; and we do hereby authorize and request the Commissioner of Patents and Trademarks to

issue said Letters Patent to ASSIGNEE, consistent with the terms of this Assignment.

UPON SAID CONSIDERATION, we do hereby covenant and agree with ASSIGNEE that we will not execute any writing or do any act whatsoever conflicting with this assignment, and that we will, at any time upon request, without further or additional consideration, but at the expense of ASSIGNEE, execute such additional assignments and other writings and do such additional acts as ASSIGNEE may deem necessary or desirable to perfect the ASSIGNEE's enjoyment of this grant, and render all necessary assistance in applying for and obtaining original, continuation, continuation-in-part, divisional, reexamined, renewal, reissued or extended Letters Patent of the United States, or of other countries, or inventor's certificates, on said invention, and in enforcing any rights or causes in action accruing as a result of such applications, certificates, or patents, by giving testimony in any proceedings or transactions involving such applications, certificates, or patents, and by executing preliminary statements and other affidavits, it being understood that the foregoing covenant and agreement shall bind, and inure to the benefit of, the assigns and legal representatives of both parties.

IN WITNESS WHEREOF, we have hereunto set our hands and affixed our seals on the date hereinafter set forth.

Date: 12/16/04

Roy J. Mader
Roy Mader

Date: 12/16/04

Bourgin
Bernard Bourgin