

11-05-1999



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FORM PTO-1595

MAD 11/2/99

RECORDATION FORM COVER SHEET PATENTS ONLY

Patent and Trademark Office

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

<p>1. Name of conveying party(ies):</p> <p>Jason Byrne</p> <p>Thomas Conway</p> <p>Additional name(s) & address(es) attached? ___ Yes <input checked="" type="checkbox"/> No</p>	<p>2. Name and Address of receiving party(ies):</p> <p>Name: STMicroelectronics, Inc.</p> <p>Address: Strawlinskylaan 1025, World Trade Center</p> <p>City: 107xx Amsterdam</p> <p>State: The Netherlands Zip: _____</p> <p>Additional name(s) & address(es) attached? ___ Yes <input checked="" type="checkbox"/> No</p>
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3. Nature of Conveyance:

Assignment _____ Merger

_____ Security Agreement _____ Change of Name

_____ Other _____

Execution Date: 30 September 1999

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) 09/387,146

B. Patent No.(s)

Additional numbers attached? ___ Yes No

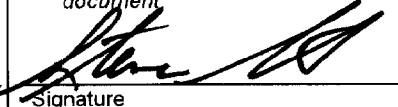
Additional numbers attached? ___ Yes No

<p>5. Name and address of party to whom correspondence concerning document should be mailed:</p> <p>Name: Lisa K. Jorgenson</p> <p>Address: 300 Electronics Drive, MS 2346</p> <p>City: Carrollton</p> <p>State: Texas Zip: 75006</p>	<p>6. Number of applications and patents involved: <u>1</u></p> <p>7. Amount of fee enclosed or authorized to be charged: \$ 40.00</p> <p>8. Deposit account number: <u>500315</u></p>
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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.

 _____

Signature Name of Person Signing Date 26 Oct 99

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

11/03/1999 5881YA 0000091 69387146 40.00

ASSIGNMENT

WHEREAS, we, Jason Byrne and Thomas Conway are the joint inventors of Digital Timing Recovery Using Baud Rate Sampling, application for United States Letters Patent which is executed of even date herewith; and

WHEREAS, STMicroelectronics, N.V., a Dutch corporation, with its principal offices at Strawinskyiaan 1025, World Trade Center, 1077xx Amsterdam, The Netherlands ("ASSIGNEE") is desirous of acquiring the entire right, title and interest in and to the aforesaid invention throughout the world, and all right, title and interest in, to and under any and all Letters Patent of the United States and all other countries throughout the world;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we hereby sell, assign, transfer and set over to ASSIGNEE all right, title and interest in and to the said invention throughout the world, and said application for U.S. Letters Patent, and any and all divisions, continuations, and reissues thereof, and any and all Letters Patent of the United States and foreign countries which may be granted therefor, the same to be held and enjoyed by ASSIGNEE for its own use and benefit, and for the use and benefit of its successors, assigns, or other legal representatives, to the end of the term or terms for which said Letters Patent of the United States or foreign countries are or may be granted or reissued, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on said invention or resulting from said application and from any and all divisions, continuations, and reissues thereof, to ASSIGNEE as assignee of my entire interest, and hereby covenant that we have the full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith.

And we further hereby covenant and agree that we will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title of said invention and to such Letters Patent as may be granted therefor, to ASSIGNEE, its successors, assigns, or other legal representatives and that if ASSIGNEE, its successors, assigns or other legal representatives shall desire to file any divisional or continuation applications or to secure a reissue of such Letters Patent, or to file a disclaimer relating thereto, will upon request, sign all papers, make all rightful oaths and do all lawful acts requisite for the filing of such divisional or continuation application, or such application for reissue and the procuring thereof, and for the filing of such disclaimer, without further compensation but at the expense of said assignee, its successors, or other legal representatives.

And we do further covenant and agree that we will, at any time upon request, communicate to ASSIGNEE, its successors, assigns or other legal representatives, such facts relating to said invention and Letters Patent or the file history thereof as may be known to me, and testify as to the same in any interference or other litigation when requested so to do, without further compensation but at the expense of said assignee, its successors, or other legal representatives.

EXECUTED THIS _____ day of _____, 19____

Jason Byrne

EXECUTED THIS 30 day of SEPT, 1999

Thomas Conway
Thomas Conway

ASSIGNMENT

WHEREAS, we, **Jason Byrne** and **Thomas Conway** are the joint inventors of **Digital Timing Recovery Using Baud Rate Sampling**, application for United States Letters Patent which is executed of even date herewith; and

WHEREAS, **STMicroelectronics, N.V.**, a Dutch corporation, with its principal offices at Strawinskylaan 1025, World Trade Center, 1077xx Amsterdam, The Netherlands ("ASSIGNEE") is desirous of acquiring the entire right, title and interest in and to the aforesaid invention throughout the world, and all right, title and interest in, to and under any and all Letters Patent of the United States and all other countries throughout the world;


NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, we hereby sell, assign, transfer and set over to ASSIGNEE all right, title and interest in and to the said invention throughout the world, and said application for U.S. Letters Patent, and any and all divisions, continuations, and reissues thereof, and any and all Letters Patent of the United States and foreign countries which may be granted therefor, the same to be held and enjoyed by ASSIGNEE for its own use and benefit, and for the use and benefit of its successors, assigns, or other legal representatives, to the end of the term or terms for which said Letters Patent of the United States or foreign countries are or may be granted or reissued, as fully and entirely as the same would have been held and enjoyed by me if this assignment and sale had not been made.

And we hereby authorize and request the Commissioner of Patents and Trademarks to issue any and all Letters Patent of the United States on said invention or resulting from said application and from any and all divisions, continuations, and reissues thereof, to ASSIGNEE as assignee of my entire interest, and hereby covenant that we have the full right to convey the entire interest herein assigned, and that we have not executed and will not execute any agreement in conflict herewith.

And we further hereby covenant and agree that we will, at any time, upon request, execute and deliver any and all papers that may be necessary or desirable to perfect the title of said invention and to such Letters Patent as may be granted therefor, to ASSIGNEE, its successors, assigns, or other legal representatives and that if ASSIGNEE, its successors, assigns or other legal representatives shall desire to file any divisional or continuation applications or to secure a reissue of such Letters Patent, or to file a disclaimer relating thereto, will upon request, sign all papers, make all rightful oaths and do all lawful acts requisite for the filing of such divisional or continuation application, or such application for reissue and the procuring thereof, and for the filing of such disclaimer, without further compensation but at the expense of said assignee, its successors, or other legal representatives.

And we do further covenant and agree that we will, at any time upon request, communicate to ASSIGNEE, its successors, assigns or other legal representatives, such facts relating to said invention and Letters Patent or the file history thereof as may be known to me, and testify as to the same in any interference or other litigation when requested so to do, without further compensation but at the expense of said assignee, its successors, or other legal representatives.

EXECUTED THIS 30th day of September, 1999.



Jason Byrne

EXECUTED THIS _____ day of _____, 19_____.

Thomas Conway