
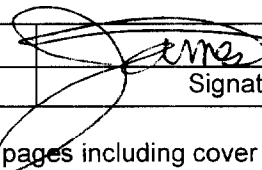


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| R 04-24-2003 IR SHEET | |
| FORM PTO-1595 U.S. (Rev. 6-93) OMB No. 0651-0011 (exp. 4/94) | |
|  102429028 | |
| To the Commissioner for Patents: Please record the attached original documents or copy thereof. | |
| 1 Name of conveying party(ies): Chrisgel-Loïc TISSE Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | 2 Name and address of receiving party(ies) Name: STMicroelectronics, S.A. Internal Address: Street Address: 29, Boulevard Romain Rolland 92120 Montrouge, FRANCE |
| 3 Nature of conveyance: 4-17-03 <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____ | Execution Date: March 17, 2003 Additional name(s) & addresses(es) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No |
| 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 March 17, 2003. A. Patent Application No.(s) 10417677 B. Patent No.(s) Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No | |
| 5 Name and address of party to whom correspondence Concerning document should be mailed: Name: James H. Morris Address: Wolf, Greenfield & Sacks, P.C. Federal Reserve Plaza 600 Atlantic Avenue Boston, MA 02210 | 6. Total number of applications and patents involved: [1] 7. Total fee (37 CFR 3.41) \$ 40.00 <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account The Commissioner is authorized to charge any deficiencies in the enclosed payment to: 8. Deposit Account No: 23/2825 |
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| 9 Statement and signature <i>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.</i> | |
| James H. Morris Name of Person Signing |  Signature |
| | April 17, 2003 Date |
| Total number of pages including cover sheet, attachments, and document: [2] | |

Mail documents to be recorded with required cover sheet information to (modify as appropriate):

14/21/003 AOSMAN1 00000001 10417677

12 FC: 021

40.00 DP

Box Patent Application
Commissioner of Patents
Washington, D.C. 20231

ASSIGNMENT

in consideration of the premises and other good and valuable consideration in hand paid, the receipt and sufficiency of which is hereby acknowledged, the undersigned,

| | |
|--------------------------------|-----------|
| (1) <u>TISSE Christel-Loïc</u> | (4) _____ |
| (2) _____ | (5) _____ |
| (3) _____ | (6) _____ |

who have made a certain new and useful invention, hereby sell, assign and transfer unto

STMicroelectronics SA
29, Boulevard Romain Rolland
92120 MONTROUGE, FRANCE

its successors and assign (hereinafter designated "ASSIGNEE") the entire right, title and interest for the United States of America as defined in 35 U.S.C. 100 in the invention entitled

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(a) for which an application for United States Letters Patent was filed on _____, and identified by United States Serial N° _____; or

(b) for which an application for United States Letters Patent was executed on _____,

and the undersigned hereby authorize and request the United States Commissioner of Patents and Trademarks to issue any and all United States Letters Patent which may be granted therefor and any and all extensions, divisions, reissues, substitutes, renewals or continuations thereof, and the right to all benefits under the International Convention for the Protection of Industrial Property to the said ASSIGNEE, for its interest as ASSIGNEE, its successors, assigns and legal representatives; the undersigned agree that the attorneys of record in said application shall hereafter act on behalf of said ASSIGNEE;

AND the undersigned hereby agree to transfer a like interest, and to render all necessary assistance in making application for and obtaining original, divisional, reissued or extended Letters Patent of the United States, upon request of the said ASSIGNEE, its successors, assigns and legal representatives, and without further remuneration, in and to any improvements, and applications for patent based thereon, growing out of or related to the said invention; and to execute any papers by the said ASSIGNEE, its successors, assigns and legal representatives, deemed essential to ASSIGNEE's full protection and title in and to the invention hereby transferred.

SIGNED on the dates indicated aside our signatures:

| <u>INVENTORS</u> | <u>DATE SIGNED</u> |
|--|--|
| 1) <u>TISSE Christel-Loïc</u> Name: _____ | <u>TISSE Christel-Loïc</u> <u>17/03/03</u> |
| 2) _____ Name: _____ | _____ |
| 3) _____ Name: _____ | _____ |
| 4) _____ Name: _____ | _____ |
| 5) _____ Name: _____ | _____ |
| 6) _____ Name: _____ | _____ |