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PATENT DOCKET NO: 03-GR1-105

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| 1. Name of conveying party(ies): | 2. Name and address of receiving party: | | |
|---|---|--|--|
| 1) Stephane MONFRAY | STMicroelectronics SA | | |
| 2) Pascal ANCEY | 29 Boulevard Romain Rolland | | |
| 3) Thomas SKOTNICKI | 92120 Montrouge, France | | |
| | Additional name(s) & address(es) attached? Yes XXX No | | |
| Nature of conveyance: XX Assignment Execution D | Pate: 1-3) October 15, 2004 | | |
| I. Application or patent number(s): | | | |
| f this document is being filed together with a new applicat | ion, the execution date of the application is | | |
| A. Patent Application No.(s):10/895,616 | B. Patent No.(s): | | |
| 5. Name and address of party to whom correspondence concerning document should be mailed: | 6. Total number of applications and patents involved: _1_ | | |
| | 7. Total fee (37 CFR 3.41): \$ 40.00 | | |
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PATENT REEL: 015500 FRAME: 0677 03-GR1-205 B03/1489US

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ASSIGNMENT

name and address of assignee

For good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, each undersigned inventor has sold and assigned, and by these presents hereby sells and assigns, unto

STMicroelectronics SA 29 boulevard Romain Rolland F-92120 Montrouge, France

(hereinafter ASSIGNEE) all right, title and interest for the United States, its territories and possessions in and to this invention relating to

title of invention

ELECTROMECHANICAL RESONATOR AND METHOD FOR FABRICATING SUCH A RESONATOR

as set forth in this United States Patent Application

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| executed co | oncurrently herev | with | |
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| executed or | n | | |
| Serial No. | 10/895,616 | Filed | Julv 21, 2004 |

in and to said United States Patent Application including any and all divisions or continuations thereof and in and to any and all Letters Patent of the United States which may issue on any such application or for said invention, including any and all reissues or extensions thereof, to be held and enjoyed by said ASSIGNEE, its successors, legal representatives and assigns to the full end of the term or terms for which any and all such Letters Patent may be granted as fully and entirely as would have been held and enjoyed by the undersigned had this Assignment not been made:

Each of the undersigned hereby authorizes and requests the Commissioner of Patents and Trademarks to issue any and all such Letters Patent to said ASSIGNEE, its successors or assigns in accordance herewith:

Each of the undersigned warrants and covenants that he has the full and unencumbered right to seli and assign the interests herein sold and assigned and that he has not executed and will not execute any document or instrument in conflict herewith;

Each of the undersigned further covenants and agrees he will communicate to said ASSIGNEE, its successors, legal representatives or assigns all information known to him relating to said invention or patent application and that he will execute and deliver any papers, make all rightful oaths, testify in any legal proceedings and perform all other lawful acts deemed necessary or desirable by said ASSIGNEE, its successors, legal representatives or assigns to perfect title to said invention, to said application including divisions and continuations thereof and to any and all Letters Patent which may be granted therefor or thereon, including reissues or extensions, in said ASSIGNEE, its successors, or assigns or to assist said ASSIGNEE, its successors, legal representatives or assigns in obtaining, reissuing or enforcing Letters Patent of the United States for said invention;

Each of the undersigned hereby grants the firm of FLEIT, KAIN, GIBBONS, GUTMAN, BONGINI & BIANCO P.L., the power to insert in this Assignment any further identification which may be necessary or desirable to comply with the rules of the U.S. Patent and Trademark Office for recordation of this Assignment.

NAME AND SIGNATURE OF INVENTOR(S)

Name: Stephane MONFRAY

Signature: <

Name: Pascal ANCEY

Name: Thomas SKOTNICKI

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PATENT REEL: 015500 FRAME: 0678 Name:Karim SEGUENI

Signature: X K. Seguini

Date: 22, 2005

Note: Prima facie evidence of execution may optionally be obtained by execution of this document before a U.S. Consul or before a local officer authorized to administer oaths whose authority is proved by a certificate from a U.S. Consul.

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RECORDED: 12/27/2004

PATENT REEL: 015500 FRAME: 0679