I hereby certify that this paper (along with any paper referred to as being attached by enclosed) is being deposited with the U.S. Postal Service on the date shown below with sufficient postage as First Class Mail, in an envelope addressed to: MS Assignment Recordation Services, Director of the US Patent and Trademark Office, P.O. Box 1450, Alexandria, VA 22313/1450.

Dated: June 9, 2006

Signature:

Name of Person Signing

(Margo Barbarash)

sheet attachments, and documents:

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CUSTOMER NO. 23932

PATENT APPLICATION Docket No. 61170-69USPX

## **ASSIGNMENT**

THIS ASSIGNMENT, by Denis Cottin; Thierry Schwartzmann; Jean-Charles Vildeuil; Bertrand Martinet; Sophie Taupin; and Mathieu Marin (hereinafter Assignors), residing at 237 chemin des Manges, 38920 Crolles FRANCE; 22 Lotissement Les Jonquilles, 38420 Le Versoud FRANCE; 4 rue de L'Obiou, 38400 Saint Martin D'heres, FRANCE; 156 B, avenue Jean, 38320 Eybens FRANCE; 33 rue Colonel Bougault, 38000 Grenoble FRANCE; and 115, Route des trois villages, 38000 Grenoble FRANCE, respectively;

WHEREAS, Assignors have invented certain new and useful improvements in INTEGRATED CIRCUIT COMPRISING A SUBSTRATE AND A RESISTOR, set forth in an application for Letters Patent of the United States, already filed on March 21, 2006 as U.S. Application No. 11/385,044; and

WHEREAS, STMicroelectronics S.A., a Corporation organized under and pursuant to the laws of France having its principal place of business at STMicroelectronics S.A., 29, Boulevard Romain Rolland, 92120 Montrouge, FRANCE (hereinafter referred to as Assignee), is desirous of acquiring the entire right, title and interest in and to the inventions and the Application for Letters Patent of the United States, and in and to any Letters Patent of the United States to be obtained therefor and thereon.

NOW, THEREFORE, in consideration of One Dollar (\$1.00) and other good and sufficient consideration, the receipt of which is acknowledged, Assignors have sold, assigned, transferred and set over, and do sell, assign, transfer and set over, unto Assignee, its successors, legal representatives and assigns, the entire right, title and interest in and to the above-mentioned inventions and application for Letters Patent, and in and to any and all direct and indirect divisions, continuations and continuations-in-part of the application, and any and all Letters Patent in the United States and all foreign countries which may be granted therefor and thereon, and reissues, reexaminations and extensions of said Letters Patent, and all rights under the International Convention for the Protection of Industrial Property, same to be held and enjoyed by Assignee, for its own use and benefit and the use and benefit of its successors, legal representatives and assigns, to the full end of the term or terms for which Letters Patent may be

61170-00069USPX

CUSTOMER NO. 23932

PATENT APPLICATION
Docket No. 61170-69USPX

granted and/or extended, as fully and entirely as the same would have been held and enjoyed by Assignors, had this sale and assignment not been made.

AND for the same consideration, Assignors represent and warrant to Assignee, its successors, legal representatives and assigns, that, at the time of execution and delivery of these presents, except for any rights, titles and/or interests that have arisen to Assignee under law or that have already been transferred to Assignee, Assignors are the sole and lawful owners of the entire right, title and interest in and to the inventions and application for Letters Patent abovementioned, and that same are unencumbered and that Assignors have good and full right and lawful authority to sell and convey same in the manner set forth in this Assignment.

AND for the same consideration, Assignors covenant and agree to and with Assignee, its successors, legal representatives and assigns, that Assignors will sign all papers and documents, take all lawful oaths and do all acts necessary or required to be done for the procurement, maintenance, enforcement and defense of any Letters Patent and applications for Letters Patent for said inventions, without charge to Assignee, its successors, legal representatives and assigns, whenever counsel of Assignee, or counsel of its successors, legal representatives and assigns, does advise: that any proceeding in connection with the inventions, or Patent application for Letters Patent, or any proceeding in connection with any Letters Patent or applications for Letters Patent for the inventions in any country, including but not limited to interference proceedings, is lawful and desirable; or, that any division, continuation or continuation-in-part of any application for Letters Patent, or any reissue, reexamination or extension of any Letters Patent, to be obtained thereon, is lawful and desirable.

AND Assignors request the Commissioner of Patent and Trademarks to issue Letters Patent of the United States to Assignee, as Assignee of inventions and the Letters Patent to be issued thereon, for the sole use and benefit of Assignce, its successors, legal representatives and assigns.

AND Assignors hereby grant the following individuals the power to insert on this Assignment any further identification that may be necessary or desirable in order to comply

2

61170-00069USPX

CUSTOMER NO. 23932

PATENT APPLICATION Docket No. 61170-69USPX

with the rules of the United States Patent and Trademark Office for recordation of this document:

JENKENS & GILCHRIST, A PROFESSIONAL CORPORATION

All practitioners at Customer Number 23932

AND Assignors acknowledge an obligation of assignment of this invention to Assignee at the time the invention was made.

Date: April the 4th 2006 Signature:

Date: April 12/0006

Signature:

Thierry Schwartzmann

Signature:

Date: April He 20th 1 2005

Signature:

Date: April the 25th 2006

Signature:

Date: 12/04/2006

Signature: <

3

61170-00069USPX

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**RECORDED: 06/15/2006** 

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