U.S. PTO 12/925222 10/15/2010

10/15/2010 10-28-2010 ERCE Form PTO-1595 (Rev. 06/04) OMB No. 0651-0027 (exp. 6/30/2005) Office RECORDATION FORM COVER 10-16-10 PATENTS ONL To the Director of the U.S. Patent and Trademark Office: Please record the attached documents or the new address(es) Denow. 1. Name of conveying party(ies)/Execution Date(s): 2. Name and address of receiving party(ies) Name: STMicroelectronics Asia Pacific Pte., Ltd. Yoseph Adhi Darmaway Internal Address: Yannick Guedon Execution Date(s) 10/01/10 & 10/14/10, respectively Street Address: 5A Serangoon North Avenue 5 Additional name(s) of conveying party(ies) attached? Yes 🗹 No 3. Nature of conveyance: City: Singapore ✓ Assignment Merger J Security Agreement Change of Name Government Interest Assignment Country: Singapore Zip: 554574 Executive Order 9424, Confirmatory License Other Additional name(s) & address(es) attached? Yes V No 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) 159 56 575 Additional numbers attached? Yes VNo 5. Name and address to whom correspondence 6. Total number of applications and patents concerning document should be mailed: involved: Name: Lisa K. Jorgenson, Esq. 7. Total fee (37 CFR 1.21(h) & 3.41) \$ 40.00 Internal Address: STMicroelectronics, Inc. Authorized to be charged by credit card Authorized to be charged to deposit account ✓ Enclosed Street Address: 1310 Electronics Drive None required (government interest not affecting title) City: Carrollton 8. Payment Information a. Credit Card Last 4 Numbers State: TX Zip: 75006 Expiration Date Phone Number: b. Deposit Account Number Fax Number: Authorized User Name _____ Email Address: 9. Signature: 🌙 October 15, 2010

Documents to be recorded (including cover sheet) should be faxed to (703) 306-5995, or mailed to:

Mail Stop Assignment Recordation Services, Director of the USPTO, P.O.Box(1/450/A)(1

Signature

William A. Munck, Registration No. 39,308

Name of Person Signing

40.00 OP

Date

Total number of pages including cover sheet, attachments, and documents:

ASSIGNMENT

WHEREAS, We, Yoseph Adhi Darmawan, a resident of Singapore, and citizen of Singapore, and Yannick Guedon, a resident of Singapore, and a citizen of France, have invented certain new and useful improvements in "SYSTEM AND METHOD FOR COMPACT CYCLIC DIGITAL TO ANALOG CONVERTER" disclosed in an application for United States Letters Patent filed in the United States Patent and Trademark Office on ________, 2010 and assigned Application Serial No. ________;

WHEREAS, STMICROELECTRONICS ASIA PACIFIC PTE., LTD., a corporation organized under the laws of Singapore, having a place of business at 5A Serangoon North Avenue 5, Singapore 554574 (hereinafter referred to as "ASSIGNEE"), is desirous of acquiring our entire right, title and interest in and to the invention, and in and to the said application and any Letters Patent that may issue thereon;

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of which is hereby acknowledged, we do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the full and exclusive right, title and interest in and to said invention and in and to said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, continuations-in-part and extensions thereof; we authorize Lisa K. Jorgenson of STMicroelectronics, Inc. and William A. Munck, John T. Mockler, and Daniel E. Venglarik of Munck Carter, LLP to insert in the parenthesis above the application number and filing date of said application when known; and we hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as our interest is concerned, to the said ASSIGNEE of our entire right, title and interest.

We also hereby sell and assign to said ASSIGNEE, its successors, assigns and legal representatives the full and exclusive rights, title and interest to the invention disclosed in said application throughout the world, including the right to file applications and obtain patents, utility models, industrial models and designs for said invention in its own name throughout the world including all rights of priority, all rights to publish cautionary notices reserving ownership of said invention and all rights to register said invention in appropriate registries; and we further agree to execute any and all powers of attorney, applications, assignments, declarations, affidavits, and any other papers in connection therewith necessary to perfect such rights, title and interest in ASSIGNEE, its successors, assigns and legal representatives.

We hereby further agree that we will communicate to said ASSIGNEE, or to its successors, assigns and legal representatives, any facts known to us respecting any improvements; and, at the expense of said ASSIGNEE, to testify in any legal proceedings, sign all lawful papers, execute all

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PATENT REEL: 025214 FRAME: 0922 divisional, continuation, continuation-in-part, reissue and substitute applications, and make all lawful oaths, and generally do everything possible to vest title in said ASSIGNEE and to aid said ASSIGNEE, its successors, assigns and legal representatives to obtain and enforce proper protection for said invention in all countries.

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Yoseph Adhi Darmawan

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PATENT

REEL: 025214 FRAME: 0923

Date: 14//0/10	Vannick Guedon
	Yannick Guedon

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PATENT REEL: 025214 FRAME: 0924