

07-22-2008

Form PTO-1595 (Rev. 10/02)

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OMB No. 0651-0027 (exp. 6/30/2005)

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Tab settings

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

Handwritten mark: 20.12.08

1. Name of conveying party(ies): Yan Liu

2. Name and address of receiving party(ies) Name: Shenzhen STS Microelectronics Co. Ltd

Internal Address:

Vertical stamp: OPR/FINANCE

Additional name(s) of conveying party(ies) attached? Yes No

3. Nature of conveyance:

- Assignment, Merger, Security Agreement, Change of Name, Other

Street Address: 52, Tao Hua Road Futian Free Trade Zone

City: Shenzhen, China State: Zip: 518048

Execution Date: March 20, 2008

Additional name(s) & address(es) attached? Yes 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:

A. Patent Application No.(s) 12/079,951

B. Patent No.(s)

Additional numbers attached? Yes No

5. Name and address of party to whom correspondence concerning document should be mailed:

Name: Lisa K. Jorgenson, Esq.

Internal Address: STMicroelectronics, Inc.

Street Address: 1310 Electronics Drive

City: Carrollton State: TX Zip: 75006

6. Total number of applications and patents involved: 1

7. Total fee (37 CFR 3.41) \$40.00

- Enclosed, Authorized to be charged to deposit account

8. Deposit account number:

50-0208

DO NOT USE THIS SPACE

9. Signature.

William A. Munck / Reg. No. 39,308 Name of Person Signing

Signature

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Date: July 17, 2008

Total number of pages including cover sheet, attachments, and documents: 3

Mail documents to be recorded with required cover sheet information to: Commissioner of Patents & Trademarks, Box Assignments Washington, D.C. 20231

ASSIGNMENT

WHEREAS, I, Yan Liu, a resident of China, and citizen of China, have invented certain new and useful improvements in “**DIGITAL RADIO MONDIALE RECEIVER INTEGER CARRIER FREQUENCY OFFSET ESTIMATION**” disclosed in an application for United States Letters Patent filed herewith (United States Patent and Trademark Office on March 28, 2008, and assigned Application Serial No. 12/079,951).

WHEREAS, Shenzhen STS MICROELECTRONICS CO., LTD., a corporation organized under the laws of China, having a place of business at 52, Tao Hua Road, Futian Free Trade Zone, Shenzhen 518048 (hereinafter referred to as “ASSIGNEE”), is desirous of acquiring my 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, I 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; I authorize Lisa K. Jorgenson of STMicroelectronics, Inc. and William A. Munck, John T. Mockler, and Daniel E. Venglarik of Munck Butrus Carter, P.C. to insert in the parenthesis above the application number and filing date of said application when known; and I hereby authorize and request the Commissioner of Patents and Trademarks to issue all patents for said invention, or patents resulting therefrom, insofar as my interest is concerned, to the said ASSIGNEE of my entire right, title and interest.

I 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 I 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.

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

DOCKET NO. 05-SZ-083 (STMI01-05083)

PATENT

Date: 2008. 3. 20



Yan Liu