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05-11-2005

FORM PTO-1595  
(REV 6-93)

RECORDA



U.S. DEPARTMENT OF COMMERCE  
Patent and Trademark Office

102999541

ATTORNEY DOCKET NO. 03-SIN-065

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

1. Name of conveying party(ies):

Kabi Prakash Padhi  
Sapna George

Additional name(s) of conveying party(ies) attached?

Yes  No

2. Name and address of receiving party(ies):

Name: STMicroelectronics Asia Pacific Pte. Ltd.  
Internal Address: 5A, Serangoon North Avenue 5  
Singapore 554574

Post Office Address: Same as above

Additional name(s) & address(es) attached?  Yes  No

3. Nature of conveyance:

Assignment  Merger  
 Security Agreement  Change of Name  
 Other \_\_\_\_\_

Execution Date: April 29, 2005 and May 3, 2005, respectively

4. Application number(s) or patent number(s):

If this document is being filed with a new application, the execution date of the application is:

A. Patent Application No. 10/955,904  
Filed: September 30, 2004

B. Patent No.(s) \_\_\_\_\_

Additional numbers attached?  Yes  No

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

Name: Lisa K. Jorgenson, Esq.  
Internal Address: STMicroelectronics, Inc.  
1310 Electronics Drive MS 2346  
Carrollton, Texas 75006  
Post Office Address: Same as above

6. Total number of applications and patents involved: 1

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

Enclosed.  
 Charge Assignment Recordal Fee to Deposit Account  
 Any deficiencies or overpayments are authorized to be charged to or credited to deposit account

8. Deposit account number: 50-0208

Attach duplicate copy of this page if paying by deposit account.

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9. Statement and signature.

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.

Daniel E. Venglarik, Reg. No. 39,409

Signature

Date

Total number of pages including cover sheet, attachments, and document: 4

5-4-05

OMB No. 0651-0011

PATENT  
REEL: 016533 FRAME: 0153

**ASSIGNMENT**

WHEREAS, We, Kabi Prakash Padhi, a resident of Singapore, and citizen of India, and Sapna George, a resident of Singapore, and a citizen of India, have invented certain new and useful improvements in "ENERGY-BASED AUDIO PATTERN RECOGNITION" disclosed in an application for United States Letters Patent (Application No. 10/955,904, filed September 30, 2004, said application having been executed concurrently herewith;

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 Davis Munck, P.C. 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 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.

Date: 29<sup>th</sup> April, 2005

K. Padhi  
Kabi Prakash Padhi

Date: \_\_\_\_\_

\_\_\_\_\_  
Sapna George

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.

Date: \_\_\_\_\_

\_\_\_\_\_  
Kabi Prakash Padhi

Date: 2<sup>nd</sup> May 05

Sapna George  
Sapna George