PATENT ASSIGNMENT

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 SUBMISSION TYPE:
 NEW ASSIGNMENT

 NATURE OF CONVEYANCE:
 ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
Tang Min	02/22/2010
Olivier Le Neel	02/18/2010
Ravi Shankar	02/18/2010

RECEIVING PARTY DATA

Name:	Institute of Microelectronics	
Street Address:	11 Science Park Road, Singapore Park II	
City:	Singapore	
State/Country:	SINGAPORE	
Postal Code:	117685	

Name:	STMicroelectonics, Asia Pacific Pte Ltd.	
Street Address:	5A Serangoon North Avenue 5	
City:	Singapore	
State/Country:	SINGAPORE	
Postal Code:	554574	

PROPERTY NUMBERS Total: 1

Property Type	Number	
Application Number:	12713390	

CORRESPONDENCE DATA

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PATENT

REEL: 023996 FRAME: 0639

OF \$40.00 12/13390

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ATTORNEY DOCKET NUMBER:	S1022.71460US00	
NAME OF SUBMITTER:	Kuangshin Tai	
Total Attachments: 2 source=12713390#page1.tif source=12713390#page2.tif		

PATENT REEL: 023996 FRAME: 0640 Serial No. 12713390 Filed February 26, 2010

Attorney's Docket No. S1022.71429US00 Tany Min date

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned hereby:

Sell, assign and transfer to Institute of Microelectronics, a Singapore corporation having a place of business at 11 Science Park Road, Singapore Science Park II, Singapore 117685, their successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent executed of even date herewith and entitled SWITCH WITH INCREASED MAGNETIC SENSITIVITY, and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agree that said Assignee may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, agree to carry out in good faith the intent and purpose of this assignment by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to me relating to said inventions and the history thereof, and generally by doing everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee.

Hereby request the Honorable Commissioner of Patents and Trademarks to issue said Letters Patent to said Assignce.

Covenant with said Assignee that no assignment, grant, mortgage, license or other agreement affecting the rights and property herein conveyed has been made to others by me, and that full right to convey the same as herein expressed is possessed by me.

The undersigned hereby grant(s) the firm of Wolf, Greenfield & Sacks, P.C., of 600 Atlantic Avenue. Boston, Massachusetts 02210 the power to insert on this assignment any further identification which may be necessary or desirable in order to comply with the rules of the United States Patent office for recordation of this document.

Dated:	22 leb 2010	Signature	Tolin
		Printed Name:	Tang Min

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PATENT REEL: 023996 FRAME: 0641 Serial No. 12713390 Filed: February 26, 2010

Attorney's Docket No. S1022.71429US00

ASSIGNMENT

For good and valuable consideration, the receipt of which is hereby acknowledged, the undersigned hereby:

Sell, assign and transfer to STMicroelectronics, Asia Pacific Pte Ltd., a Singapore corporation having a place of business at 5A Serangoon North Avenue 5, Singapore 554574, their successors, assigns and legal representatives, all hereinafter referred to as the Assignee, the entire right, title and interest for the United States and all foreign countries, in and to any and all inventions which are disclosed in the application for United States Letters Patent executed of even date herewith and entitled SWITCH WITH INCREASED MAGNETIC SENSITIVITY, and in and to said application and all divisional, continuing, substitute, renewal, reissue and all other applications for Letters Patent which have been or shall be filed in the United States and all foreign countries on any of said inventions; and in and to all original and reissued patents which have been or shall be issued in the United States and all foreign countries on said inventions including the right to apply for patent rights in each foreign country and all rights to priority.

Agree that said Assignee may apply for and receive Letters Patent for said inventions in its own name; and when requested, without charge to but at the expense of said Assignee, agree to carry out in good faith the intent and purpose of this assignment by executing all divisional, continuing, substitute, renewal, reissue, and all other patent applications on any and all said inventions, by executing all rightful oaths, assignments, powers of attorney and other papers, by communicating to said Assignee all facts known to me relating to said inventions and the history thereof, and generally by doing everything possible which said Assignee shall consider desirable for aiding in securing and maintaining proper patent protection for said inventions and for vesting title to said inventions and all applications for patents and all patents on said inventions, in said Assignee.

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Printed Name: Olivier Le Neel

Printed Name: Ravi Shankar

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REEL: 023996 FRAME: 0642

RECORDED: 02/26/2010