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Form PTO-1595 (Rev. 03/01)	RECORD		DEPARTMENT OF COMMERCE Patent and Trademark Office
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To the Honorable Commissioner of Patents and Trademarks: Please record the attached original documents or copy thereof

1. Name of conveying party(ies): Kaushik Saha (04/07/2004) and Srijib N. Maiti (04/07/2004)	4.15.04	2. Name and address of receiving party(ies) Name: <u>STMicroelectronics PVT. LTD.</u> Internal Address: _____ Street Address: _____
Additional name(s) of conveying party(ies) attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		Plot No. 2 & 3, Sector 16A Institutional Area Noida-201 301 INDIA City: _____ State: _____ Zip: _____ Additional name(s) & address(es) attached: <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No

3. Nature of Conveyance: <input checked="" type="checkbox"/> Assignment <input type="checkbox"/> Merger <input type="checkbox"/> Security Agreement <input type="checkbox"/> Change of Name <input type="checkbox"/> Other _____	Execution Date: <u>see Box 1, conveying parties</u>
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4. Application number(s) or patent number(s): If this document is being filed together with a new application, the execution date of the new application is: _____ A. Patent Application No.(s): <u>10/715133</u>	B. Patent No.(s): _____
Additional numbers attached? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	

5. Name and address of party to whom correspondence concerning document should be mailed: Name: Andre M. Szuwalski JENKENS & GILCHRIST, A PROFESSIONAL CORPORATION Internal Address: Atty. Dkt.: 64476-00003USPX Street Address: 1445 Ross Avenue, Suite 3200 City: Dallas State: TX Zip: 75202	6. Total number of applications and patents involved: <u>1</u>
	7. Total fee (37 CFR 3.41) \$ <u>40.00</u> <input checked="" type="checkbox"/> Enclosed <input type="checkbox"/> Authorized to be charged to deposit account <input type="checkbox"/> Authorized to be charged to credit card (Form 2038 enclosed)
	8. Deposit account number: <u>10-0447</u> (Attach duplicate copy of this page if paying by deposit account)

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9. Statement and signature. <i>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.</i>		
Andre M. Szuwalski Name of Person Signing	 Signature	April 12, 2004 Date
Total number of pages including cover sheet, attachments, and documents: <u>3</u>		

I hereby certify that this correspondence is being deposited with the U.S. Postal Service 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, on the date s hown below.		
Dated: April 12, 2004	Signature:	(Margo Barbarash)

1033792 DALLAS2 1033792v1 64476-00003USPX

PATENT REEL: 015220 FRAME: 0961

04/19/2004 10:00:07 10715133 01 FC:002

ASSIGNMENT OF APPLICATION	Docket Number (Optional) 64476-00003USPX
Whereas, I/We, <u>Kaushik Saha</u> of <u>Delhi, India</u> hereafter referred to as applicant, have invented certain new and useful improvements in	
LINEARLY SCALABLE FINITE IMPULSE RESPONSE FILTER	
<input checked="" type="checkbox"/> for which an application for a United States Patent was filed on <u>November 17, 2003</u> Application Number <u>10/715133</u>	
<input type="checkbox"/> for which an application for a United States Patent was executed on _____, and	
Whereas, <u>STMicroelectronics PVT. LTD.</u> of <u>India</u> here referred to as "assignee" whose mailing address is <u>Plot No. 2 & 3, Sector 16A, Institutional Area, Noida-201 301, INDIA</u> is desirous of acquiring the entire right, title and interest in the same;	
Now, therefore, in consideration of the sum of <u>one</u> dollars (\$ <u>1.00</u>), the receipt whereof is acknowledged, and other good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire rights, title and interest in and to any and all Patents which may be granted therefor in the United States, I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.	
Executed this <u>7th</u> day of <u>April</u> , <u>2004</u>	
at _____	
<u>Kaushik Saha</u> (Signature)	
NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.	
<input checked="" type="checkbox"/> *Total of <u>2</u> forms are submitted.	

ASSIGNMENT OF APPLICATION

Docket Number (Optional)
64476-00003USPX

Whereas, I/We, Srijib N. Maiti of Midnapore, India
hereafter referred to as applicant, have invented certain new and useful improvements in

LINEARLY SCALABLE FINITE IMPULSE RESPONSE FILTER

for which an application for a United States Patent was filed on November 17, 2003
Application Number 10/715133

for which an application for a United States Patent was executed on _____, and

Whereas, STMicronics PVT. LTD. of India here
referred to as "assignee" whose mailing address is Plot No. 2 & 3, Sector 15A, Institutional Area, Noida-201 301, INDIA
is desirous of acquiring the entire right, title and interest in the same;

Now, therefore, in consideration of the sum of one dollars (\$ 1.00), the receipt whereof is acknowledged, and other good and valuable consideration, I/We, the applicant(s), by these presents do sell, assign and transfer unto said assignee the full and exclusive right to the said invention in the United States and the entire rights, title and interest in and to any and all Patents which may be granted therefor in the United States. I/We hereby authorize and request the Director of the U.S. Patent and Trademark Office to issue said United States Patent to said assignee, of the entire right, title, and interest in and to the same, for his sole use and behoof; and for the use and behoof of his legal representatives, to the full end of the term for which said Patent may be granted, as fully and entirely as the same would have been held by me had this assignment and sale not been made.

Executed this 7th day of April, 2004
at _____

Srijib N. Maiti
(Signature)

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

*Total of 2 forms are submitted.

DALLAS2 1026132v1 64476-00003USPX