Form PTO-1595 REC 10-16-	2007 ET U.S. DEPARTMENT OF COMMERCE U.S. Patent and Trademark Office	
(Rev. 03/01) OMB No. 0651-0027 (exp. 5/31/2002) U.S. Patent and Trademark Office		
To the Honorable Commissioner or 103453	465 ched original documents or copy thereof.	
Name of conveying party(ies):	Name and address of receiving party(ies)	
Parag Vijay Agrawal 0CT 11 2007	Name: STMicroelectronics Pvt. Ltd.	
The Deal of the Second of the	Internal Address:	
Additional name of conveying party(ies) attached? ☐ Yes ☒ No		
3. Nature of conveyance:	Street Address: Plot No. 1, Knowledge Park III	
	Offeet Address. Titt No. 1, Miowieage Faik III	
☐ Security Agreement ☐ Change of Name		
_	City: Greater Noida State: UP Zip: 201308 Country: India	
Other	Additional Name(s) & address(es) attached? ☐ Yes ⊠ No	
Execution Date:09/18/2007		
A. Patent Application No.(s) 11/732,495 Additional numbers att	B. Patent No.(s) ached? ☐ Yes ☑ No	
Name and address of party to whom correspondence concerning this document should be mailed:	6. Total number of applications and patents involved: 1	
Name: Graybeal Jackson Haley LLP	7. Total fee (37 CFR 3.41) \$ 40.00	
Internal Address: Paul F. Rusyn	☑ Enclosed	
	Authorized to be charged to deposit account	
	Deposit account number:	
Street Address:	07-1897 (deficiencies)	
155 - 108 th Avenue N.E., Suite 350		
City: Bellevue State: WA Zip: 98004-5973	(Attach duplicate copy of this page if paying by deposit account)	
DO NOT USE THIS SPACE		
9. Statement and signature. To the best of my knowledge and belief, the foregoing information in the state of the state	nation-is true and correct and any attached copy	
is a true copy of the original document.		
Paul F. Rusyn Name of Person Signing	October 8, 2007 Signature Date	
Total number of pages including cover sheet, attachments, and documents:		

Mail documents to be recorded with required cover sheet information to:

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10/12/2007 MGEBREM1 00000016 11732495

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PATENT

REEL: 019978 FRAME: 0082

ASSIGNMENT OF U.S. AND FOREIGN RIGHTS IN INVENTION

In consideration of the payment by ASSIGNEE to ASSIGNORS of good and valuable consideration the adequacy and receipt of which are hereby acknowledged,

ASSIGNOR <u>Parag Vijay Agrawal</u> residing or having a principal place of business at <u>HOUSE NO. 15, ADARSH NAGAR, CHANDAUSI, DISTT – MORADABAD – 202412, INDIA</u>, and a citizen or juristic entity of <u>India</u>,

hereby sells, assigns, and transfers to:

ASSIGNEE STMicroelectronics Pvt. Ltd. , residing or having a principal place of business at Plot No. 1, Knowledge Park III, Greater Noida - 201308, Uttar Pradesh, India and a citizen or juristic entity of India, and the successors, assigns, and legal representatives of the ASSIGNEE, the entire right, title, and interest in the United States and in all foreign countries, including all rights to claim priority, in and to any and all improvements which are disclosed in the invention entitled SYSTEM AND METHOD FOR ADAPTIVE FREQUENCY SCALING and which is found in United States patent application serial number 11/732,495, filed on April 2, 2007 (if not present when this instrument is executed, applicant's attorney or agent is authorized to enter the application serial number and filing date upon receipt of the same from the United States Patent and Trademark Office), and in and to all Letters Patent to be obtained from said invention by the above application or any continuation, division, renewal, or substitute thereof, and as to Letters Patent from any reissue or re-examination thereof.

ASSIGNOR hereby covenants that no assignment, sale, agreement, or encumbrance has been or will be made or entered into which would conflict with this assignment.

ASSIGNOR further covenants that ASSIGNEE will, upon its request, be provided promptly with all pertinent facts, documents relating to said invention and said Letters Patent and legal equivalents as may be known and accessible to ASSIGNOR and will testify as to the same in any interference, litigation, or proceeding related thereto and will promptly execute and deliver to ASSIGNEE or its legal representatives any and all papers, instruments or affidavits required to apply for, obtain, maintain, issue, and enforce said application, said invention, and said Letters Patent and said equivalents thereof which may be necessary or desirable to carry out the purpose thereof.

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ASSIGNOR:	
Name: Parag Vilay Agrawal	
Signature: long Agrawal	
Title (if applicable):	
EXECUTED ON, and effective from this, 2007 at	18 day of Sept.
hereby declare that I was personally prespersonally known to me to be a person name the same on this day of for the purpose therein expressed at the follow	d in the assignment, duly sign and execute
Name:	
Signature:	

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PATENT REEL: 019978 FRAME: 0084

RECORDED: 10/11/2007