

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT																
NATURE OF CONVEYANCE:	ASSIGNMENT																
CONVEYING PARTY DATA																	
<table border="1"> <thead> <tr> <th>Name</th> <th>Execution Date</th> </tr> </thead> <tbody> <tr> <td>Ruchir Saraswat</td> <td>09/28/2009</td> </tr> <tr> <td>Andriy Gelman</td> <td>09/28/2009</td> </tr> <tr> <td>Ulrich Bretthauer</td> <td>09/28/2009</td> </tr> <tr> <td>Sunil Parmar</td> <td>09/29/2009</td> </tr> <tr> <td>Rajashekar Manche</td> <td>09/29/2009</td> </tr> <tr> <td>Chodimella Venkata Ramana</td> <td>09/29/2009</td> </tr> <tr> <td>Shivraj G. Dhame</td> <td>09/29/2009</td> </tr> </tbody> </table>		Name	Execution Date	Ruchir Saraswat	09/28/2009	Andriy Gelman	09/28/2009	Ulrich Bretthauer	09/28/2009	Sunil Parmar	09/29/2009	Rajashekar Manche	09/29/2009	Chodimella Venkata Ramana	09/29/2009	Shivraj G. Dhame	09/29/2009
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RECEIVING PARTY DATA																	
Name:	Intel Corporation																
Street Address:	2200 Mission College Boulevard																
City:	Santa Clara																
State/Country:	CALIFORNIA																
Postal Code:	95052																
PROPERTY NUMBERS Total: 1																	
<table border="1"> <thead> <tr> <th>Property Type</th> <th>Number</th> </tr> </thead> <tbody> <tr> <td>Application Number:</td> <td>12631281</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12631281												
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CORRESPONDENCE DATA																	
Fax Number:	(503)439-6073																
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>																	
Phone:	5034398778																
Email:	vivian_lee@bstz.com																
Correspondent Name:	BST&Z																
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Address Line 4:	Sunnyvale, CALIFORNIA 94085																
ATTORNEY DOCKET NUMBER:	42P31408																

CH \$40.00 12631281

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**PATENT
 REEL: 024038 FRAME: 0530**

NAME OF SUBMITTER:

Usman A. Mughal

Total Attachments: 8

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ASSIGNMENT

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

**Ruchir Saraswat; Andriy Gelman; Ulrich Bretthauer; Sunil Parmar; Rajashekar Shekar
Manche; Chodimella Venkata Ramana; Shivraj G. Dharne**

hereby sell, assign, and transfer to

Intel Corporation

a Corporation of Delaware, having a principal place of business at 2200 Mission College Boulevard, Santa Clara, California 95052 United States ("Assignee"), and its successors, assigns, and legal representatives, the entire right, title, and interest for the United States and all foreign countries, in and to any and all inventions or improvements that are disclosed in the application (provisional or non-provisional) for the United States patent which may have a declaration executed by the undersigned prior hereto or concurrently herewith and is entitled

A CHAOTIC WIDE BAND FREQUENCY MODULATOR FOR NOISE REDUCTION

said patent application also identified as follows (when known):

[I/we hereby authorize an attorney or agent for said Assignee to insert below the application number and filing date of said patent application when known.]

United States Patent Application Number _____ filed _____.

and in and to said application (provisional or non-provisional) and all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications that have been or shall be filed in the United States and all foreign countries on any of said inventions or improvements; and in and to all original patents, reissued patents, reexamination certificates, and extensions, that have been or shall be issued in the United States and all foreign countries on said inventions or improvements; and in and to all rights of priority resulting from the filing of said United States application;

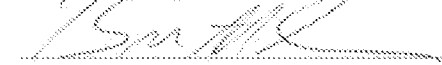
agree that said Assignee may apply for and receive a patent or patents for said inventions or improvements in its own name; and that, when requested, without charge to, but at the expense of, said Assignee, its successors, assigns, and legal representatives, to carry out in good faith the intent and purpose of this Assignment, the undersigned will execute all provisional applications, non-provisional applications, utility applications, design applications, divisional applications, continuation applications, continued prosecution applications, continuation-in-part applications, substitute applications, renewal applications, reissue applications, reexaminations, extensions, and all other patent applications on any and all said inventions or improvements; execute all rightful oaths, assignments, powers of attorney, and other papers; communicate to said Assignee, its successors, assigns, and legal representatives all facts known to the undersigned relating to said inventions or improvements and the history thereof; and generally assist said Assignee, its successors, assigns, or legal representatives in securing and maintaining proper patent protection for said inventions or improvements and for vesting title to said inventions or improvements, and all applications for patents and all patents on said inventions or improvements, in said Assignee, its successors, assigns, and legal representatives; and

covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Inventor: Please Sign and Date Below:

.....
Date Name: **Ruchir Saraswat**

.....
Date Name: **Andriy Gelman**

05/29/2009 

.....
Date Name: **Ulrich Bretthauer**

.....
Date Name: **Sunil Parmar**

.....
Date Name: **Rajashakar Shekar Manche**

.....
Date Name: **Chodimella Venkata Ramana**

.....
Date Name: **Shivraj G. Dharne**

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Date Name:

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Date Name:

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.....
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Assignment Document Return Address:
BLARELY, SOKOLOFF, TAYLOR & ZAPMAN LLP
1279 Oakmead Parkway
Sunnyvale, CA 94085-4040
Telephone: (503) 439-8778

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covenant with said Assignee, its successors, assigns, and legal representatives that no assignment, grant, mortgage, license, or other agreement affecting the rights and property herein conveyed has been made to others by the undersigned, and that full right to convey the same as herein expressed is possessed by the undersigned.

Each Investor: Please Sign and Date Below:

Date	Name: Ruchir Saraswat
<i>28.09.09</i>	<i>A. Gelman</i>
Date	Name: Andriy Gelman
Date	Name: Ulrich Bretthauer
Date	Name: Sunil Parmar
Date	Name: Rajashekar Shekar Manche
Date	Name: Chodimella Venkata Ramana
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..... Date Name: Ruchir Saraswat
..... Date Name: Andriy Gelman
..... Date Name: Ulrich Bretthauer
..... 29th Sept. 2009 <i>[Signature]</i>
..... Date Name: Sunil Parmar
..... 29/09/2009 <i>[Signature]</i>
..... Date Name: Rajashakar Shekar Manche RAJASHEKAR MANCHE
..... 29/09/2009 <i>[Signature]</i>
..... Date Name: Chodimella Venkata Ramana
..... 29th sept 2009 <i>[Signature]</i>
..... Date Name: Shivraj G. Dharne
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