

PATENT ASSIGNMENT

Electronic Version v1.1
 Stylesheet Version v1.1

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>Uday Babulal DESAI</td> <td>03/30/2010</td> </tr> <tr> <td>Shabbir Nomanbhai MERCHANT</td> <td>03/30/2010</td> </tr> <tr> <td>Bhoomek D. PANDYA</td> <td>03/25/2010</td> </tr> </tbody> </table>		Name	Execution Date	Uday Babulal DESAI	03/30/2010	Shabbir Nomanbhai MERCHANT	03/30/2010	Bhoomek D. PANDYA	03/25/2010
Name	Execution Date								
Uday Babulal DESAI	03/30/2010								
Shabbir Nomanbhai MERCHANT	03/30/2010								
Bhoomek D. PANDYA	03/25/2010								
RECEIVING PARTY DATA									
Name:	INDIAN INSTITUTE OF TECHNOLOGY BOMBAY								
Street Address:	Powai								
City:	Mumbai								
State/Country:	INDIA								
Postal Code:	400076								
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>12755718</td> </tr> </tbody> </table>		Property Type	Number	Application Number:	12755718				
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Application Number:	12755718								
CORRESPONDENCE DATA									
Fax Number:	(703)770-7901								
<i>Correspondence will be sent via US Mail when the fax attempt is unsuccessful.</i>									
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NAME OF SUBMITTER:	Raj S. Dave								

Total Attachments: 5
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ASSIGNMENT OF PATENT RIGHTS

For valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Uday Babulal DESAI, SPANN Lab, Electrical Engineering Dept. IIT Bombay, Powai, Mumbai - 400076, India, Shabbir Nomanbhai MERCHANT, SPANN Lab, Electrical Engineering Dept. IIT Bombay, Powai, Mumbai - 400076, India and Bhoomek D. PANDYA, SPANN Lab, Electrical Engineering Dept. IIT Bombay, Powai, Mumbai - 400076, India

(collectively, ["Assignor"]),

effective as of June 10, 2009 hereby sells, assigns, transfers, and conveys unto Indian Institute of Technology Bombay, Powai, Mumbai - 400076, India ("Assignee"), all right, title, and interest that exist today and may exist in the future in and to any and all of the following (collectively, the "Rights"):

1. the inventions disclosed in the solution report/invention disclosure titled BACKOFF ADJUSTMENT METHOD FOR MAC SYSTEM and all inventions claimed and/or described in the Application (collectively, the "Invention");
2. the patent applications listed in the table below (the "Application"):

Patent Application No.	Country	Filing Date	Title

3. all rights with respect to the Invention, including all UNITED STATES patents or other governmental grants or issuances that may be granted with respect to the Invention or from any direct or indirect divisionals, continuations, continuations-in-part, or other patent applications claiming priority rights from the Application ("Potential Patents");
4. all reissues, reexaminations, extensions, or registrations of the Potential Patents;
5. all non-United States patents, patent applications, and counterparts relating to any or all of the Invention, the Application, and the Potential Patents, including, without limitation, certificates of invention, utility models, industrial design protection, design patent protection, and other governmental grants or issuances ("Foreign Rights"), and including the right to file foreign applications directly in the name of Assignee, its successors and assigns;
6. all rights to claim priority rights deriving from the Application;
7. all causes of action and remedies related to any or all of the Application, the Invention, the Potential Patents, and the Foreign Rights (including, without limitation, the right to sue for past, present, or future infringement, misappropriation or violation of rights related to any of the foregoing and the right to collect royalties and other payments under or on account of any of the foregoing); and
8. any and all other rights and interests arising out of, in connection with, or in relation to the Application, the Invention, Potential Patents, and the Foreign Rights.

Assignor will not sign any document or do any act conflicting with this Assignment, and, without further compensation, will sign all documents and do such additional acts as Assignee, its successors, legal representatives, and assigns deem necessary or desirable to perfect enjoyment of the Rights, conduct proceedings regarding the Rights (including any litigation or interference proceedings), or perfect or defend title to the Rights. Assignor requests the respective patent office or governmental agency in each jurisdiction to issue any and all patents, certificates of invention, utility models, or other governmental grants or issuances that may be granted upon any of the Rights in the name of the Assignee, as the assignee to the entire interest therein.

Assignor hereby authorizes and requests legal representative Pillsbury Winthrop Shaw Pittman LLP, 1650 Tysons Boulevard, 14th Floor, McLean, VA 22102-4859, USA to insert on this Assignment the filing date and Patent Application Numbers in the table above when known.

The terms and conditions of this Assignment will inure to the benefit of Assignee, its successors, legal representatives, and assigns and will be binding upon Assignor, their successors, legal representatives and assigns.

[Signature Page(s) to Follow]

By:

Uday Babulal Desai

Print name: Uday Babulal DESAI

ATTESTATION

The undersigned witnessed the signature of Uday Babulal DESAI to this document and makes the following statements:

1. I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.
2. Uday Babulal DESAI is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on MARCH 30, 2010 to execute this document.
3. Uday Babulal DESAI subscribed to this document.

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that the foregoing is true and correct.

By:

Taskeen

Print name: [Name of 1st Attestor] TASKEEN NADKAR

By:

Satish Chhatratan

Print name: [Name of 2nd Attestor] SATISH CHHATRATAN

By: SM Merchant

Print name: Shabbir Nomanbhai MERCHANT

ATTESTATION

The undersigned witnessed the signature of Shabbir Nomanbhai MERCHANT to this document and makes the following statements:

1. I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.
2. Shabbir Nomanbhai MERCHANT is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on MARCH 30, 2010 to execute this document.
3. Shabbir Nomanbhai MERCHANT subscribed to this document.

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that the foregoing is true and correct.

By: Vinay

Print name: [Name of 1st Attestor] VINAY M. THUMAR

By: M. B. Shah

Print name: [Name of 2nd Attestor] MENUL B. SHAH

By: BDD Pandya

Print name: Bhoomek D PANDYA

ATTESTATION

The undersigned witnessed the signature of Bhoomek D PANDYA to this document and makes the following statements:

1. I am over the age of 18 and competent to testify as to the facts in this Attestation block if called upon to do so.
2. Bhoomek D PANDYA is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on March 25th, 2012 to execute this document.
3. Bhoomek D PANDYA subscribed to this document.

I declare under penalty of perjury under the laws of the United States of America, and under penalty of the laws of any other jurisdiction before which this document may be presented, that the foregoing is true and correct.

By: [Signature]

Print name: [Name of 1st Attestor] ANSHUL JHAWAR

By: [Signature]

Print name: [Name of 2nd Attestor] SHRIRANG BAGUL