

PATENT ASSIGNMENT

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
Susinder Rajan Gulasekaran	06/19/2009
Balaji Sundar Rajan	06/17/2009
RECEIVING PARTY DATA	
Name:	Indian Institute of Science
Street Address:	Bengaluru
City:	Bangalore, Karnataka
State/Country:	INDIA
Postal Code:	560012
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	12419430
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ATTORNEY DOCKET NUMBER:	131-0008-US-REG
NAME OF SUBMITTER:	Gene Su
Total Attachments: 3 source=131-0008-US-REG_Assignment#page1.tif source=131-0008-US-REG_Assignment#page2.tif source=131-0008-US-REG_Assignment#page3.tif	

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PATENT
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OUTCLAIM ASSIGNMENT OF PATENT RIGHTS

For valuable consideration, the receipt and sufficiency of which is hereby acknowledged, on this 17 day of January, Susinder Rajan Gulasekaran, 7 Ponnappa Street, Kilpauk, Chennai – 600010, India / Balaji Sundar Rajan, E-19 New Housing Colony, Indian Institute of Science, Bangalore 560012, India, ("Assignors"), hereby sell, assign, and transfer to Indian Institute of Science at Bangalore, Karnataka 560012, India ("Assignee"), the full extent of their right, title, and interest in and without limitation to any and all of the following (collectively, the "Rights"):

1. U.S. Patent Application No. 12/419,430 filed on April 7, 2009, entitled LEVERAGING COHERENT DISTRIBUTED SPACE-TIME CODES FOR NONCOHERENT COMMUNICATION IN RELAY NETWORKS VIA TRAINING ("the Application");
2. All inventions claimed or described in the Application (collectively, "the Inventions");
3. All rights with respect to the Inventions, including all U.S. patents or other governmental grants or issuances that may be granted with respect to the Inventions 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 Inventions, the Application, or 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. The right to claim priority rights deriving from the Application;
7. All causes of action and remedies related to any or all of the Application, the Inventions, and Potential Patents, or 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 Inventions, Potential Patents, or Foreign Rights.

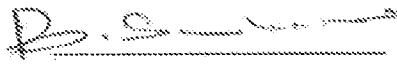
Assignors will not sign any writing or do any act conflicting with this Assignment, and, without further compensation, will sign all documents and do such additional acts as Assignee, its successors, legal representatives, and assigns deem necessary or desirable to perfect enjoyment of the Rights, conduct proceedings regarding the Rights (including any litigation or interference proceedings), or perfect or defend title to the Rights. Assignors request 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.

Assignors hereby authorize and request legal representative Gene Su to insert on this Assignment the filing date and Application Number of the Application 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 Assignors, their successors, legal representatives and assigns.

By: Susinder Rajan Gulasekaran

By: Balaji Sundar Rajan



QUITCLAIM ASSIGNMENT OF PATENT RIGHTS

For valuable consideration, the receipt and sufficiency of which is hereby acknowledged, on this 13 day of June 2009, Susinder Rajan Gulasekaran, 7 Ponnappa Street, Kilpauk, Chennai - 600010, India / Balaji Sundar Rajan, E-19 New Housing Colony, Indian Institute of Science, Bangalore 560012, India, ("Assignors"), hereby sell, assign, and transfer to Indian Institute of Science at Bangalore, Karnataka 560012, India ("Assignee"), the full extent of their right, title, and interest in and without limitation to any and all of the following (collectively, the "Rights"):

1. U.S. Patent Application No. 12/419,430 filed on April 7, 2009, entitled LEVERAGING COHERENT DISTRIBUTED SPACE-TIME CODES FOR NONCOHERENT COMMUNICATION IN RELAY NETWORKS VIA TRAINING ("the Application");
2. All inventions claimed or described in the Application (collectively, "the Inventions");
3. All rights with respect to the Inventions, including all U.S. patents or other governmental grants or issuances that may be granted with respect to the Inventions 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 Inventions, the Application, or 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. The right to claim priority rights deriving from the Application;
7. All causes of action and remedies related to any or all of the Application, the Inventions, and Potential Patents, or 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 Inventions, Potential Patents, or Foreign Rights.

Assignors will not sign any writing 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. Assignors request 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.

Assignors hereby authorize and request legal representative Gene Shi to insert on this Assignment the filing date and Application Number of the Application 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 Assignors, their successors, legal representatives and assigns.

By: Susinder Rajan Gulasekaran

By: Balaji Sundar Rajan

S. Susinder

ATTESTATION

The undersigned witnessed the signature of { Susinder Rajan Gulasekaran and { Balaji Sundar Rajan to this document and makes the following statements:

1. { Susinder Rajan Gulasekaran is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on June 19, 2009, to execute this document.
2. { Balaji Sundar Rajan personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on June 17, 2009, to execute this document.
3. { Susinder Rajan Gulasekaran and { Balaji Sundar Rajan subscribed to this document.

I declare under penalty of perjury under the laws of the United States of America that the foregoing is true and correct.

By: SASHI

Print Name: S. A. SHIVASHANKAR {witness name}

I declare under penalty of perjury under the laws of the United States of America that the foregoing is true and correct.

By: Brinda

Print Name: BRINDA K {witness name}

ACCEPTANCE BY ASSIGNEE

In connection with an assignment in any jurisdiction in which an acceptance by ASSIGNEE is required, I hereby accept this assignment on behalf of Indian Institute of Science. 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 (check all that apply):

_____ I am an officer of the above-identified ASSIGNEE,

_____ I have signed this document on behalf of ASSIGNEE with the full authority of its board of directors,

and that all the foregoing is true and correct.

Dated: June 18, 2009

By: B.K. Subburaman

Name: B.K. Subburaman

Title: REGISTRAR
INDIAN INSTITUTE OF SCIENCE
BANGALORE - 560 012.