

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
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Property Type	Number
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DATE SIGNED:	05/20/2015
Total Attachments: 3	
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ASSIGNMENT OF PATENT RIGHTS

For valuable consideration, the receipt and sufficiency of which is hereby acknowledged, Arvind Vijay KEERTHI, No 16, Chaitanya La Grove, Inside Dream Meadows, Near Ryan International School, Kundanahalli, Bangalore, Karnataka 560037, India

("Assignor"),

effective as of November 14, 2013 hereby sells, assigns, transfers, and conveys unto Empire Technology Development LLC, a Delaware limited liability company, with an address at 2711 Centerville Road, Suite 400, Wilmington, DE 19808 ("Assignee"), all rights, title, and interests that exist today and may exist in the future in and to any and all of the following items (1) through (8) below:

1. the inventions disclosed in the solution report/invention disclosure titled SINGLE-SLOT BI-DIRECTIONAL MESSAGE EXCHANGE IN A RELAY NETWORK 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
2324/CHE/2014	India	May 9, 2014	SINGLE-SLOT BI-DIRECTIONAL MESSAGE EXCHANGE IN RELAY NETWORKS
14/706,926	US	May 7, 2015	SINGLE-SLOT BI-DIRECTIONAL MESSAGE EXCHANGE IN RELAY NETWORKS

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 Assignee's authorized representative 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]

Arvind k

By:

Print name: Arvind Vijay KEERTHI

ATTESTATION

Each of the undersigned witnessed the signature of Arvind Vijay KEERTHI 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. Arvind Vijay KEERTHI is personally known to me (or proved to me on the basis of satisfactory evidence) and appeared before me on 5 May 2014 to execute this document.

3. Arvind Vijay KEERTHI 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: *Ramya Keerthi*

Print name: [Name of 1st Attestor] RAMYA KEERTHI

By: *Jayanthi Jinavardas*

Print name: [Name of 2nd Attestor] JAYANTHY JINAVARDAS