PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SANDEEP NAIR	09/19/2012
JERRY SPEYER	09/20/2012
RAJ PUNURU	09/19/2012

RECEIVING PARTY DATA

Name:	CITIGROUP TECHNOLOGY, INC.
Street Address:	1919 PARK AVENUE
City:	WEEHAWKEN
State/Country:	NEW JERSEY
Postal Code:	07086

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	14732351

CORRESPONDENCE DATA

Fax Number: (240)359-4879

Correspondence will be sent to the e-mail address first; if that is unsuccessful, it will be sent

using a fax number, if provided; if that is unsuccessful, it will be sent via US Mail.

Phone: 912-257-4864

Email: csullivan@jmi-iplaw.com JOHN M. HARRINGTON **Correspondent Name:** Address Line 1: 317A EAST LIBERTY ST.

Address Line 2: JOHNSON, MARCOU & ISAACS, LLC

Address Line 4: SAVANNAH, GEORGIA 31401

ATTORNEY DOCKET NUMBER:	CITI-0734C1	
NAME OF SUBMITTER:	COLLEEN F. SULLIVAN	
SIGNATURE:	/Colleen F. Sullivan/	
DATE SIGNED:	06/05/2015	

Total Attachments: 6

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> **PATENT REEL: 035834 FRAME: 0018** 503338833

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> PATENT REEL: 035834 FRAME: 0019

ASSIGNMENT

WHEREAS, we, SANDEEP NAIR, a citizen of India, residing at 6513 Thoroughbred

Loop, Odessa, Florida 33556, JERRY SPEYER, a citizen of the United States of America,

residing at 5014 Londonderry Dr., Tampa, Florida 33647, and **RAJ PUNURU**, a citizen of India,

residing at 17 Nostrand Road, Hillsborough, New Jersey 08844, have invented certain inventions

and improvements disclosed in a patent application entitled "METHODS AND SYSTEMS FOR

MODELING A REPLICATION TOPOLOGY," filed in the United States Patent and Trademark

Office on September 21, 2012, and assigned U.S. Patent Application No. 13/624,057; and

WHEREAS, Citigroup Technology, Inc., a National Banking Association of the United

States of America, having an address of 1919 Park Avenue, Weehawken, New Jersey 07086

USA, is desirous of acquiring an interest in the same.

NOW, THEREFORE, for good and valuable consideration, the receipt and sufficiency of

which we hereby acknowledge, we, SANDEEP NAIR, JERRY SPEYER, and RAJ PUNURU,

by these presents do sell, assign, and transfer to Citigroup Technology, Inc. the full, exclusive,

and entire right, title, and interest in and to said patent application, in and to any non-

provisionals, divisions, continuations, reexaminations, and reissues thereof, and in and to all

inventions and improvements disclosed and described in said patent application;

For the same consideration, we, by these presents, do sell, assign, and transfer to

Citigroup Technology, Inc. the full, exclusive, and entire right, title, and interest in and to any

foreign application or applications corresponding to said patent application, in whole or in part,

in countries other than the United States, in and to any Letters Patent and similar protective

rights granted on said foreign applications, and in and to the right to claim any applicable priority

rights arising from or required for said foreign applications under the terms of any applicable

conventions, treaties, statutes, or regulations; said foreign applications to be filed and issued in

the name of Citigroup Technology, Inc., or its designee insofar as permitted by applicable law;

PATENT Page 1 of 2

AND, for the same consideration, we agree to sign all lawful papers, execute all nonprovisional applications and other applications, make all assignments and rightful oaths, and generally do everything possible to aid Citigroup Technology, Inc., its successors, assigns, and nominees to obtain and enforce proper protection for all said inventions and improvements in all countries throughout the world. We hereby authorize a representative of Johnson, Marcou & Isaacs, LLC, 317A East Liberty Street, Savannah, Georgia 31401 USA, to insert in the blanks above the filing date and application number of said application when known. RAJ PUNURU

Attorney Docket No. CITI-0734

Page 2 of 2

PATENT REEL: 035834 FRAME: 0021 **ASSIGNMENT**

WHEREAS, we, SANDEEP NAIR, a citizen of India, residing at 6513 Thoroughbred

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We hereby authorize a representative of JOHNSON, MARCOU & ISAACS, LLC, 317A East Liberty Street, Savannah, Georgia 31401 USA, to insert in the blanks above the filing date and application number of said application when known.

Date:	SANDEEP NAIR
Date: 9/20/2012	JERRY SPEYER PUJE
Date:	RAJPUNURU

REEL: 035834 FRAME: 0023

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WHEREAS, we, SANDEEP NAIR, a citizen of India, residing at 6513 Thoroughbred

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PATENT Page 1 of 2

REEL: 035834 FRAME: 0024

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Date:	SANDEEP NAIR	
Date:	JERRY SPEYER	
Date: 09-19-2012	RAJ PUNURU	

Attorney Docket No. CITI-0734

RECORDED: 06/05/2015

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