PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2 EPAS ID: PAT3990184

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
PHILIP PETER RAMIREZ	06/20/2016
MICHAEL MCNICHOL	06/22/2016
TAO CHEN	06/30/2016
VINCENT QUIGLEY	06/22/2016
BRIAN RICE	06/21/2016

RECEIVING PARTY DATA

Name:	ALLSTATE INSURANCE COMPANY
Street Address:	2775 SANDERS ROAD, SUITE A2
City:	NORTHBROOK
State/Country:	ILLINOIS
Postal Code:	60062

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15180696

CORRESPONDENCE DATA

Fax Number: (312)463-5001

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.

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Email: bwptopat@bannerwitcoff.com, msigur@bannerwitcoff.com

Correspondent Name: BANNER & WITCOFF, LTD.

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Address Line 4: CHICAGO, ILLINOIS 60606

Total Attackments C	
DATE SIGNED:	08/03/2016
SIGNATURE:	/Jeffrey H. Chang/
NAME OF SUBMITTER:	JEFFREY H. CHANG
ATTORNEY DOCKET NUMBER:	006591.01247

Total Attachments: 6

PATENT REEL: 039323 FRAME: 0858



PATENT REEL: 039323 FRAME: 0859

ASSIGNMENT

WHEREAS, I/we Philip Peter Ramirez, Michael J. McNichol Jr., Tao Chen, Vincent Quigley, and Brian Rice (ASSIGNORS), am/are the inventors of certain inventions and improvements described in a U.S. patent application and having the title "Cryptographically Protecting Data Transferred Between Spatially Distributed Computing Devices Using an Intermediary Database"

which application was

filed on June 13, 2016 and assigned Application No. 15/180,696; and

WHEREAS,

Allstate Insurance Company 2775 Sanders Road Suite A2 Northbrook, IL 60062

(ASSIGNEE) desires to acquire the entire right, title and interest in and to the said application, inventions and improvements and any patents that may be granted on or as a result thereof in the United States of America (U.S.) and in any and all foreign countries;

NOW, THEREFORE, for good and valuable consideration, receipt and sufficiency of which is hereby acknowledged,

I/we hereby assign, to the above named ASSIGNEE, its successors, assigns and legal representatives (NOMINEES) the entire right, title and interest in and to said application, inventions and improvements throughout the world and to any and all patents, petty patents and utility model patents which may be granted therefor, and all continuations, continuations-in-part, divisions, reissues, extensions, renewals, and any non-provisional based on a provisional thereof (LETTERS PATENT).

And I/we covenant that we have full right to convey the entire interest herein assigned, and that I have not executed and will not execute any agreement or do anything in conflict herewith;

And I/we further covenant and agree that I will without undue delay execute without further consideration all such papers as may be necessary to perfect the title to said application, inventions and improvements, and LETTERS PATENT in the ASSIGNEE or its NOMINEES, and I agree to communicate to said ASSIGNEE or its NOMINEES all known facts respecting said application, inventions, improvements, and LETTERS PATENT, to testify in any legal proceedings, to sign all lawful papers, and generally to do all things necessary to aid ASSIGNEE or its NOMINEES to obtain and enforce for their own benefit patent protection for said application, inventions and improvements in any and all countries, all at the expense, however, of the ASSIGNEE or its NOMINEES;

And I/we authorize the ASSIGNEE or its NOMINEES to file in my name or their own, as appropriate, application for LETTERS PATENT in any and all countries of the world, and we authorize and request the Commissioner of Patents and Trademarks of the United States, and any proper official of any country, to issue to said ASSIGNEE or its NOMINEES any and all LETTERS PATENT for said application, inventions and improvements, for their sole use, to the full end of the term for which such LETTERS PATENT may be granted;

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this document information sufficient to further identify the patent application to which this assignment pertains, including the filing date and assigned Application No.

| \(\frac{\lambda}{20} \) \(\frac{\lambda}{2000} \) | Philip Peter Ramirez

And I/we hereby grant the attorneys at the law firm of Banner & Witcoff the power to insert into

Date Michael J. McNichol Jr.

Date Tao Chen

Date Vincent Quigley

Date Brian Rice

LAW OFFICES

BANNER & WITCOFF, LTD.

10 South Wacker Drive
Chicago, IL. 60606-7407

Page 2 of 2

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Date	Philip Peter Ramirez
6/22/2016	
Date	Michael J. McNichol Jr.
Date	Tao Chen
Date	Vincent Quigley
У	
Date	Brian Rice

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Date	Philip Peter Ramirez
Date	Michael J. McNichol Jr.
6/30/2016 Date	Tao Chen
Date	Vincent Quigley

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Date	Tao Chen
22/6/2016	Vincent Ouigley

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Date	Tao Chen
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