PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1 Stylesheet Version v1.2

SUBMISSION TYPE: NEW ASSIGNMENT

EPAS ID: PAT4857514

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
VINCENT G. LUBSEY	05/13/2015
KEVIN D. REID	05/12/2015
KARL J. SIMPSON	05/12/2015
RODNEY JOHN ROGERS	05/12/2015

RECEIVING PARTY DATA

Name:	VIRTUSTREAM, INC.
Street Address:	4800 MONTGOMERY LANE, SUITE 1100
City:	BETHESDA
State/Country:	MARYLAND
Postal Code:	20814

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	15357758

CORRESPONDENCE DATA

Fax Number: (631)393-6271

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ATTORNEY DOCKET NUMBER:	EMC-15-0779PROORDCIPCON1	
NAME OF SUBMITTER:	JOSEPH B. RYAN	
SIGNATURE:	/joseph b. ryan/	
DATE SIGNED:	03/08/2018	

Total Attachments: 5

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PATENT 504810780 REEL: 045146 FRAME: 0086

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> PATENT REEL: 045146 FRAME: 0087

DOCKET NO.: 382848-00040

ASSIGNMENT OF APPLICATION

WHEREAS, I/we,

Vincent G. LUBSEY of Snellville, Georgia, Kevin D. REID of Bethesda, Maryland, Karl J. SIMPSON of Rockville, Maryland, Rodney John ROGERS of Weston, Florida,

respectively; have invented certain new and useful improvements in: "SYSTEMS AND METHODS OF HOST-AWARE RESOURCE MANAGEMENT INVOLVING CLUSTER-BASED RESOURCE POOLS" (hereinafter referred to as the "Invention"), for which an application for Letters Patent was filed on June 27, 2014 (Application No. 14/318,251); and

WHEREAS, Virtustream, Inc., (hereinafter referred to as "ASSIGNEE"), having a place of business at 4800 Montgomery Lane, Suite 1100, Bethesda, Maryland 20814, is desirous of acquiring the full and exclusive right in and to said Invention and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries;

NOW, THEREFORE, in consideration of the sum of FIVE DOLLARS (\$5.00), the receipt of which is hereby acknowledged, and for other good and valuable consideration, I/we, by these presents do sell, assign and transfer unto said ASSIGNEE, the full and exclusive right in and to said Invention in the United States and its territorial possessions and in any and all foreign countries, and the entire right, title and interest in and to any and all Letters Patent which may be granted therefor in the United States and its territorial possessions and in any and all foreign countries and in and to any and all subsequent applications based thereon including any and all non-provisional applications, divisions, continuations, substitutions, renewals and reissues thereof together with the right of priority under the International Convention for the Protection of Industrial Property, Inter-American Convention relating to Patents, Designs and Industrial Models, and any other international agreements to which the United States of America adheres.

I/we hereby authorize and request the Patent Office Officials in the United States and its territorial possessions and in any and all foreign countries to issue any and all of said Letters Patent, when granted, to said ASSIGNEE as the assignee of my/our entire right, title and interest in and to the same, for the sole use and behoof of said ASSIGNEE and said ASSIGNEE's successors and assigns, to the full end of the term for which said Letters Patent may be granted, as fully and entirely as the same would have been held by me/us had this Assignment and sale not been made.

Further, I/we agree that I/we will communicate to said ASSIGNEE or said ASSIGNEE's representatives any facts known to me/us respecting said invention, and testify in any legal proceeding, sign all lawful papers, execute all divisional, continuation, substitute, renewal and reissue applications, execute all necessary assignment papers to cause any and all of said Letters Patent to be issued to said ASSIGNEE, make all rightful oaths, and, generally, do everything possible to aid said ASSIGNEE, and said ASSIGNEE's successors and assigns, to obtain and enforce proper protection for said Invention in the United States

EAST/100624800.1

Docket No. 382848-00040

and its territorial possessions and in any and all foreign countries.

The undersigned hereby grant(s) the firm of DLA Piper LLP US, Attorneys at Law, One Fountain Square, 11911 Freedom Drive, Suite 300, Reston, Virginia 20195-5602, the power to insert on this Assignment any further identification, including the application number and filing date, which may be necessary or desirable in order to comply with the rules of the United States Patent and Trademark Office for recordation of this document.

Date: 5/13/2015	Vincent G, LUMSEY
Date: May 12,	 Kevin D. REID
Date:	 Karl J. SIMPSON
Date:	Rodney John ROGERS

Page 2 of 2

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Date:		
	Vincent G. LUBSEY	
Date: <u>May 12, 2015</u>	Kevin-D-REHD	
Date:	Karl J. SIMPSON	
Date:	Rodney John ROGERS	
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Date:	Vincent G. LUBSEY
Date:	Kevin D. REID
Date: 05/12/2015	Karl J. SIMPSON
Date:	Rodney John ROGERS

Beeks to: 182548-00046

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