

PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1
 Stylesheet Version v1.2

EPAS ID: PAT6849353

SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
RONALD RAY TRIMBLE	04/26/2019
RECEIVING PARTY DATA	
Name:	HITACHI VANTARA LLC
Street Address:	2535 AUGUSTINE DR.
City:	SANTA CLARA
State/Country:	CALIFORNIA
Postal Code:	95054
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	17428653
CORRESPONDENCE DATA	
Fax Number:	(703)684-1157
<i>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.</i>	
Phone:	703-684-1120
Email:	svannarath@mmpiilaw.com
Correspondent Name:	MATTINGLY & MALUR, PC
Address Line 1:	1800 DIAGONAL ROAD
Address Line 2:	SUITE 210
Address Line 4:	ALEXANDRIA, UNITED STATES 22314
ATTORNEY DOCKET NUMBER:	HTA-11857
NAME OF SUBMITTER:	COLIN D. BARNITZ
SIGNATURE:	/Colin D. Barnitz/
DATE SIGNED:	08/05/2021
Total Attachments: 5	
source=11857_ASN#page1.tif	
source=11857_ASN#page2.tif	
source=11857_ASN#page3.tif	
source=11857_ASN#page4.tif	
source=11857_ASN#page5.tif	

ASSIGNMENT

As a below named inventor, I hereby declare that:

IN CONSIDERATION of the sum of One Dollar (\$1.00) or the equivalent thereof, and other good and valuable consideration paid to me by Hitachi Vantara Corporation (hereinafter referred to as ASSIGNEE), a corporation organized under the laws of the State of Delaware, located at 2535 Augustine Drive, Santa Clara, CA 95054, U.S.A., receipt and sufficiency of which is hereby acknowledged, I do hereby sell, assign, transfer, and convey to said ASSIGNEE, its successors and assigns, all my right, title, interest, and right of priority, in and for the United States of America, its territories, and all other countries throughout the world, in and to application serial no. _____, filed _____, and entitled:

OPTIMIZING STORAGE AND RETRIEVAL OF COMPRESSED DATA

(hereinafter referred to as the "Application") and the inventions and improvements (such inventions and improvements hereinafter referred to collectively as the "Inventions"), invented by me (if only one inventor is named below) or us (if plural inventors are named below) and described in the Application, executed on even date herewith and/or described above, and all United States letters patent which may be granted therefor, and all provisional applications, non-provisional applications, divisions, continuations, substitutes, renewals, reissues, reexaminations, or extensions thereof, including any international applications and including any foreign applications, foreign letters patent, or equivalents thereof in countries foreign to the United States, said interest including the entire ownership of said United States letters patent, foreign letters patent, or equivalents thereof, when granted, to be held and enjoyed by said ASSIGNEE, its successors, assigns or other legal representatives, to the full end of term for which said letters patents or equivalents may be granted, as fully and entirely as the same would have been held and enjoyed by me or us if this assignment and sale had not been made;

And I hereby covenant and agree to execute and deliver to ASSIGNEE, its successors, assigns and/or legal representatives, all documents or instruments that may be required, necessary, or desirable in connection with the filing, prosecution, litigation, maintenance, enforcement, and defense of the Application or in the preparation and prosecution of any continuing, continuation in part, substitute, divisional, renewal, reissue, foreign application, extension, or in any amendment, interference proceeding, post-grant proceeding, or for litigation regarding said letters patent, or for the purpose of otherwise securing or protecting the title to the Inventions and/or the letters patent and equivalents therefor for said ASSIGNEE, all without further consideration from ASSIGNEE;

And I agree to, without requesting or receiving additional consideration from ASSIGNEE, but at ASSIGNEE's expense, identify and communicate to ASSIGNEE, its successors, assigns and/or legal representatives all facts known to me relating to the Inventions and the history thereof, and to provide further assurances and testimony on behalf of ASSIGNEE, its successors, assigns and/or legal representatives that lawfully may be required, necessary, or desirable in respect to the filing, prosecution, litigation, maintenance, enforcement, and defense of any patent application or letters patent or equivalent encompassed within the terms of this Assignment, and further agree that my obligations under this Assignment shall extend to my heirs, executors, administrators, and legal representatives;

And I hereby covenant and agree that no assignment, grant, mortgage, license, or other agreement encumbering the rights and property herein conveyed has been made to others by me, and that the full right to convey the same as expressed herein is possessed by me or us;

And I hereby authorize and request the Commissioner for Patents of the United States and any official of any country or countries foreign to the United States whose duty it is to issue letters patent or similar legal rights on applications aforesaid, to issue all such letters patent or similar rights for the Inventions to the ASSIGNEE, as assignee of the entire right, title and interest in and to the same, for the ASSIGNEE's own use and benefit, and for the use and benefit of the ASSIGNEE's successors, assigns and

ASSIGNMENT

HFA-11857PCT
HVC89WO

legal representatives, to the full end of the term for which such letters patent or similar rights may be granted, as fully and entirely as the same would have been held and enjoyed by me or us had this assignment not been made;

Whereby, I hereby grant the law firm of MATTINGLY & MALUR, PC, the legal representatives of the ASSIGNEE, the power to insert on this Assignment any further identification which may be necessary or desirable for recordation of this document, including inserting the application serial number and filing date when known.

This Assignment may be executed in one or more counterparts, each of which shall be deemed an original and all of which may be taken together as one and the same Assignment.

IN WITNESS WHEREOF, I/We have signed this Assignment as of the date(s) indicated below:

Inventor



Ronald Ray TRIMBLE

Date Signed

4-26-2019

Delaware

The First State


Page 1

I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"HITACHI VANTARA CORPORATION", A DELAWARE CORPORATION, WITH AND INTO "HITACHI VANTARA LLC" UNDER THE NAME OF "HITACHI VANTARA LLC", A LIMITED LIABILITY COMPANY ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, AS RECEIVED AND FILED IN THIS OFFICE ON THE TWENTY-SIXTH DAY OF DECEMBER, A.D. 2019, AT 8:13 O`CLOCK A.M.

AND I DO HEREBY FURTHER CERTIFY THAT THE EFFECTIVE DATE OF THE AFORESAID CERTIFICATE OF MERGER IS THE FIRST DAY OF JANUARY, A.D. 2020.




Jeffrey W. Bullock, Secretary of State

7611629 8100M
SR# 20198846586

You may verify this certificate online at corp.delaware.gov/authver.shtml

Authentication: 204304503
Date: 12-27-19

PATENT
REEL: 057085 FRAME: 0902

CERTIFICATE OF MERGER
OF
HITACHI VANTARA CORPORATION
WITH AND INTO
HITACHI VANTARA LLC

December 24, 2019

Pursuant to the provisions of Title 8, Section 264(c) of the General Corporation Law of the State of Delaware (“*DGCL*”) and Title 6, Section 18-209 of the Limited Liability Company Act of the State of Delaware (“*DLLCA*”), the undersigned limited liability company does hereby certify:

FIRST: That the names and state of incorporation or formation of each of the constituent entities (the “*Constituent Entities*”) in the merger are:

- (i) Hitachi Vantara Corporation, a Delaware corporation (the “*Merged Entity*”); and
- (ii) Hitachi Vantara LLC, a Delaware limited liability company (the “*Company*”).

SECOND: That an Agreement and Plan of Merger, dated December 17, 2019 (the “*Merger Agreement*”), by and among the Merged Entity, Hitachi Consulting Corporation and the Company has been approved, adopted, certified, executed and acknowledged by each of the Constituent Entities in accordance with the applicable provisions of the *DGCL* and *DLLCA*.

THIRD: That the Merged Entity shall be merged with and into the Company and the Company shall be the surviving limited liability company in the merger.

FOURTH: That the merger shall become effective on January 1, 2020 at 12:01 a.m. PST.

FIFTH: That the executed Merger Agreement is on file at the principal place of business of the surviving limited liability company, 2535 Augustine Drive, Santa Clara, California 95054.

SIXTH: That a copy of the Merger Agreement shall be furnished by the surviving limited liability company, on request and without cost, to any member of the Company or stockholder of the Merged Entity.

[Signature page follows]

The undersigned authorized officer of the Company has duly executed this Certificate of Merger effective as of the date written above.

HITACHI VANTARA LLC

By: /s/ Christopher H. Leslie
Name: Christopher H. Leslie
Title: Secretary

[Certificate of Merger of Hitachi Vantara Corporation with and into Hitachi Vantara LLC]