

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
Stylesheet Version v1.2

EPAS ID: PAT5330574

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
FUJITSU LIMITED	12/28/2018
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	FUJITSU CLIENT COMPUTING LIMITED
<b>Street Address:</b>	1-1, KAMIKODANAKA 4-CHOME
<b>Internal Address:</b>	NAKAHARA-KU
<b>City:</b>	KAWASAKI-SHI, KANAGAWA
<b>State/Country:</b>	JAPAN
<b>Postal Code:</b>	211-8588
<b>PROPERTY NUMBERS Total: 18</b>	
<b>Property Type</b>	<b>Number</b>
Application Number:	14828619
Application Number:	15187312
Application Number:	15236020
Application Number:	15624286
Application Number:	15653859
Application Number:	15689152
Application Number:	15685070
Application Number:	15787895
Application Number:	15840093
Application Number:	15473954
Application Number:	15642640
Application Number:	15663794
Patent Number:	10025358
Patent Number:	10117345
Patent Number:	10158744
Patent Number:	10049833
Patent Number:	10110992
Patent Number:	10044523

**CORRESPONDENCE DATA****Fax Number:** (248)641-0270

*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:** 2486411600**Email:** jzettle@hdp.com, troymailroom@hdp.com**Correspondent Name:** HARNESS, DICKEY & PIERCE, P.L.C.**Address Line 1:** P.O. BOX 828**Address Line 2:** BRYANT E. WADE**Address Line 4:** BLOOMFIELD HILLS, MICHIGAN 48303

<b>ATTORNEY DOCKET NUMBER:</b>	17814S-500001
<b>NAME OF SUBMITTER:</b>	BRYANT E. WADE
<b>SIGNATURE:</b>	/Bryant E. Wade/
<b>DATE SIGNED:</b>	01/17/2019

**Total Attachments: 2**

source=FCCLAssignment#page1.tif

source=FCCLAssignment#page2.tif

**ASSIGNMENT**

**WHEREAS, FUJITSU LIMITED**, having a place of business at **1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 JAPAN**, (hereinafter "ASSIGNOR") is the owner of the following U.S. Patents and Patent Applications:

<b>Application No.</b>	<b>Application Date</b>	<b>U.S. Patent No.</b>	<b>Issue Date</b>
14/828,619	August 18, 2015	N/A	N/A
14/971,612	December 16, 2015	10,025,358	July 17, 2018
15/187,312	June 20, 2016	N/A	N/A
15/236,020	August 12, 2016	N/A	N/A
15/611,099	June 1, 2017	10,117,345	October 30, 2018
15/624,286	June 15, 2017	N/A	N/A
15/653,859	July 19, 2017	N/A	N/A
15/680,420	August 18, 2017	10,158,744	December 18, 2018
15/287,159	October 6, 2016	10,049,833	August 14, 2018
15/617,202	June 8, 2017	10,110,992	October 23, 2018
15/689,152	August 29, 2017	N/A	N/A
15/685,070	August 24, 2017	N/A	N/A
15/787,895	October 19, 2017	N/A	N/A
15/840,093	December 13, 2017	N/A	N/A
15/473,954	March 30, 2017	N/A	N/A
15/642,640	July 6, 2017	N/A	N/A
15/280,844	September 29, 2016	10,044,523	August 7, 2018
15/663,794	July 30, 2017	N/A	N/A

**WHEREAS**, ASSIGNOR desires to assign all of its right, title and interest in and to the above U.S. Patents and Patent Applications to **FUJITSU CLIENT COMPUTING LIMITED**, having a place of business at **1-1, Kamikodanaka 4-chome, Nakahara-ku, Kawasaki-shi, Kanagawa 211-8588 JAPAN** (hereinafter "ASSIGNEE"); and

**WHEREAS**, Assignee is desirous of acquiring the above right, title and interest in and to the above U.S. Patents and Patent Applications;

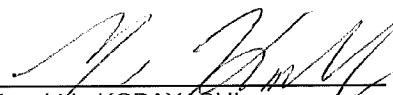
**NOW, THEREFORE**, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, ASSIGNOR agrees to assign, and hereby does assign, effective as of the execution date below, all of its right, title, and interest in and to the above U.S. Patents and Patent Applications, together with any continuations, divisionals, reissues, reexaminations, and extensions thereof, including the right to sue for and to recover for past infringements thereof, unto said ASSIGNEE, its successors and assigns.

ASSIGNOR represents that at the time of execution of this Assignment, ASSIGNOR is the owner of the entire right, title, and interest in and to the above U.S. Patents and Patent Applications, and that ASSIGNOR has not assigned, transferred, licensed or encumbered ASSIGNOR'S rights therein, and that ASSIGNOR will not hereafter assign or attempt to assign any rights therein, or take any other action inconsistent with this Assignment.

ASSIGNOR agrees to execute such further documents and take such acts as reasonably required by ASSIGNEE or ASSIGNEE'S successors to secure and enforce ASSIGNEE'S rights in the above U.S. Patents and Patent Applications, including but not limited to further assignments.

**FUJITSU LIMITED**

Signature:

  
Yasuhide KOBAYASHI,  
Head of Intellectual Property Center

Date:

December 28, 2018

23235033.1