

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
HITACHI DATA SYSTEMS ENGINEERING UK LIMITED	07/18/2016
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State/Country:	JAPAN
PROPERTY NUMBERS Total: 7	
Property Type	Number
Patent Number:	9021296
Patent Number:	9235581
Application Number:	14609598
Patent Number:	9110719
Patent Number:	9069784
Patent Number:	9304821
Application Number:	15064862
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DATE SIGNED:	07/19/2016

Total Attachments: 2

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ASSIGNMENT

WHEREAS, **Hitachi Data Systems Engineering UK Limited** (hereinafter referred to as ASSIGNOR), is the owner, by assignment, of the following application(s) for Letters Patent(s) and Letters Patent(s) of the United States of America:

U.S. Patent No. **9,021,296**, issued April 28, 2015;

U.S. Patent No. **9,235,581**, issued January 12, 2016;

U.S. Serial No. **14/609,598**, filed January 30, 2015;

U.S. Patent No. **9,110,719**, issued August 18, 2015;

U.S. Patent No. **9,069,784**, issued June 30, 2015;

U.S. Patent No. **9,304,821**, issued April 5, 2016; and

U.S. Serial No. **15/064,862**, filed March 9, 2016.

WHEREAS, **Hitachi, Ltd.** (hereinafter referred to as ASSIGNEE), a corporation organized under the laws of Japan, having its place of business at 6-6, Marunouchi 1-chome, Chiyoda-Ku, Tokyo, JAPAN is desirous of acquiring ASSIGNOR's entire right, title and interest, in, to and under said application(s) for Letters Patent and Letters Patent(s), and the inventions covered thereby, including any and all divisions and continuations thereof, and any and all Letters Patents which may be granted thereon, including any and all renewals, reissues, reexaminations and extensions thereof.

NOW, THEREFORE, for good and valuable consideration, the sufficiency and receipt of which is hereby acknowledged, said ASSIGNOR has sold, assigned, transferred and set over and does hereby sell, assign, transfer and set over to the said ASSIGNEE, its entire right, title and interest, in, to and under said application(s) for Letters Patents and Letters Patent(s), and the inventions covered thereby, including any and all divisions and continuations thereof, and any and all Letters

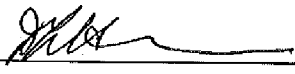
Assignment from
Hitachi Data Systems Engineering UK Limited
to Hitachi, Ltd.

Patents which may be granted thereon, including any and all renewals, reissues, reexaminations and extensions thereof, including any and all priority and or convention rights accruing or to accrue with respect to the filing or securing of patents in the United States, including the right to sue for past infringement, the same to be held and enjoyed by said ASSIGNEE for its own use and enjoyment, and for the use and enjoyment of its successors, assigns, or other legal representatives, to the end of the term for which said Letters Patents of the United States are granted including any and all renewals, reissues, reexaminations and extensions thereof, as fully and entirely, as the same would have been held and enjoyed by the said ASSIGNOR, if this assignment and sale had not been made.

WHEREBY, ASSIGNOR hereby grants the law firm of MATTINGLY & MALUR, PC, the power to insert on this assignment any further identification 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.

Hitachi Data Systems Engineering UK Limited

18TH JULY 2016
Date


By: Don Hughes
Title: Director
(Authorized Signing Officer)