

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
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ASHUTOSH SINGH	07/31/2019
LANDON MARTIN CHAMBERS	07/31/2019
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Property Type	Number
Application Number:	16528081
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DATE SIGNED:	07/31/2019
Total Attachments: 3	
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ASSIGNMENT

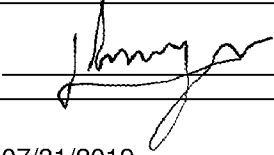
WHEREAS, **ASHUTOSH SINGH**, a citizen of the Republic of India, residing at 3815 Guadalupe Street, Unit 209, Austin, Texas 78751, and **LONDON MARTIN CHAMBERS**, a citizen of the United States of America, residing at 606 East Oak Drive, Round Rock, Texas 78664, hereinafter called the "Assignors", have made the invention described in the United States patent application entitled *Systems and Methods for Predicting Information Handling Resource Failures Using Deep Recurrent Neural Network with a Modified Gated Recurrent Unit Having Missing Data Imputation*, Attorney Docket No. 102450.00580 (115947.01), for a full description of which reference is here made to an application for Letters Patent of the United States filed on **July 31, 2019** and assigned Application Serial No. **16/528081**; and

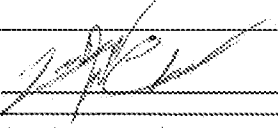
For good and valuable consideration, the receipt of which is hereby acknowledged, we hereby also sell, assign and transfer unto DELL PRODUCTS L.P., the entire right, title and interest in and to the invention and in and to applications for Letters Patent therefor in the United States of America and all countries foreign to the United States of America, including all rights under any and all international conventions and treaties in respect of the invention and the applications for Letters Patent in foreign countries, and we further authorize DELL PRODUCTS L.P. to apply for Letters Patent in foreign countries directly in its own name, and to claim priority of the filing date of the application for Letters Patent of the United States of America under the provisions of any and all international conventions and treaties.

We hereby authorize and request the Commissioner of Patents of the United States of America to issue Letters Patent upon the aforesaid application, division, extension, continuation, continuation-in-part, or reissue, to DELL PRODUCTS L.P., for the sole use and benefit of DELL PRODUCTS L.P., its successors, assigns and legal representatives, to the full end of the term for which the Letters Patent may be granted, the same as they would have been held and enjoyed by me had this assignment not been made, and we hereby authorize and request the equivalent authorities in foreign countries to issue the patents of their respective countries to DELL PRODUCTS L.P.

We agree that, when requested, we will, without charge to DELL PRODUCTS L.P., but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for the inventions in any and all countries and for vesting title thereto in DELL PRODUCTS L.P., its successors, assigns and legal representatives or nominees.

We covenant with DELL PRODUCTS L.P., its successors, assigns and legal representatives, that the interest and property hereby conveyed is free from all prior assignment, grant, mortgage, license or other encumbrance.

NAME OF FIRST INVENTOR	ASHUTOSH SINGH
SIGNATURE OF FIRST INVENTOR	
DATE	<u>07/31/2019</u>

NAME OF SECOND INVENTOR	LANDON MARTIN CHAMBERS
SIGNATURE OF SECOND INVENTOR	
DATE	07/31/2019