PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT

CONVEYING PARTY DATA

Name	Execution Date
SHANIR ANSHUL	09/03/2019
SHIBI PANIKKAR	09/16/2019
XIANG CAO	09/02/2019
DONG JI	09/02/2019

RECEIVING PARTY DATA

Name:	DELL PRODUCTS L.P.
Street Address:	ONE DELL WAY
City:	ROUND ROCK
State/Country:	TEXAS
Postal Code:	78682

PROPERTY NUMBERS Total: 1

Property Type	Number
Application Number:	16571376

CORRESPONDENCE DATA

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ATTORNEY DOCKET NUMBER:	102450.00595(116683.01)	
NAME OF SUBMITTER:	CHRISTOPHER J. ROURK	
SIGNATURE:	/Christopher J. Rourk/	
DATE SIGNED:	09/16/2019	

Total Attachments: 5

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Attorney Docket No.: 102450.00595(116683.01)

ASSIGNMENT

WHEREAS, SHANIR ANSHUL, SHIBI PANIKKAR, XIANG CAO, and DONG JI.

hereinafter called the "inventors", have made the invention described in the United States patent

application entitled "COMPONENT LIFE CYCLE TEST CATEGORIZATION AND

OPTIMIZATION," Attorney Docket No. 102450.00595(116683.01), for a full description of

which reference is here made to an application for Letters Patent of the United States filed

herewith; and

We hereby also sell, assign and transfer unto DELL PRODUCTS L.P., hereinafter called

the "Assignee" having a place of business in One Dell Way, Round Rock, Texas, 78682 USA,

the entire right, title and interest in and to the invention and in and to applications for Letters

Patent therefor in 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 us 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.

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I 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	SHANIR ANSHUL
SIGNATURE OF FIRST INVENTOR	Shauir Anshul
DATE	9/3/2019

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I 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 Second Inventor	SIIIBI PANIKKAR
SIGNATURE OF SECOND INVENTOR	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
DATE	16-09-2019

I 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 Third Inventor	XIANG CAO
SIGNATURE OF THIRD INVENTOR	_ Cast of
DATE	Sep. 2, 2019

Assignment Page 5 of 5 Attorney Docket No.: 102450.00595(116683.01)

I 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 Fourth Inventor	DONG JI
SIGNATURE OF FOURTH INVENTOR	00NG JI
Date	9/2/2019

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