

## PATENT ASSIGNMENT COVER SHEET

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 Stylesheet Version v1.2

EPAS ID: PAT6233713

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	ASSIGNMENT
<b>CONVEYING PARTY DATA</b>	
<b>Name</b>	<b>Execution Date</b>
VAIDEESWARAN GANESAN	07/10/2020
DEEPAGANESH PAULRAJ	07/10/2020
VINOD P S	07/10/2020
ANKIT SINGH	07/10/2020
<b>RECEIVING PARTY DATA</b>	
<b>Name:</b>	DELL PRODUCTS, L.P.
<b>Street Address:</b>	ONE DELL WAY
<b>City:</b>	ROUND ROCK
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	78682
<b>PROPERTY NUMBERS Total: 1</b>	
<b>Property Type</b>	<b>Number</b>
<b>Application Number:</b>	16984566
<b>CORRESPONDENCE DATA</b>	
<b>Fax Number:</b>	(888)453-1815
<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>	
<b>Phone:</b>	214-722-8983
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<b>Address Line 1:</b>	P.O. BOX 703695
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<b>ATTORNEY DOCKET NUMBER:</b>	118909.01
<b>NAME OF SUBMITTER:</b>	CALLEEN A. LAWRENCE
<b>SIGNATURE:</b>	/Calleen A. Lawrence/
<b>DATE SIGNED:</b>	08/04/2020
<b>Total Attachments: 4</b>	
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source=118909-01_Assignments#page3.tif	



## PATENT ASSIGNMENT

WHEREAS, I, Vaideeswaran Ganesan, the undersigned inventor, of No. 1 First Main Road, LN Reddy Colony, Vignan Nagar, Bangalore, India 560037, having invented certain new and useful improvements as disclosed and/or claimed in a patent application entitled: "AGGREGATED CACHE SUPPORTING DYNAMIC RATIOS IN A VSAN ARCHITECTURE," for which application for United States Letters Patent is made, the said application having been filed concurrently herewith; and

WHEREAS, Dell Products, L.P., a Texas Limited Partnership, having a principal place of business at One Dell Way, Round Rock, TX 78682, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon in the United States and all other countries throughout the world;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to Dell Products, L.P., its successors and assigns, my entire right, title and interest in and to the said invention and in to the said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Commissioner for Patents to issue all patents for said invention, or patent resulting therefrom, insofar as my interest is concerned, to Dell Products, L.P., as assignee of my entire right, title and interest. I declare that I have not executed and will not execute any agreement in conflict herewith.


I also hereby sell and assign to Dell Products, L.P., its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including, but not limited to, the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

I hereby further agree that I will communicate to Dell Products, L.P., or to its successors, assigns, and legal representatives, any facts known to me respecting said invention or the file history thereof, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid Dell Products, L.P., its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

I authorize the later insertion of the non-provisional application number and filing date herein below.

TITLE	AGGREGATED CACHE SUPPORTING DYNAMIC RATIOS IN A VSAN ARCHITECTURE		
NON-PROVISIONAL APPLICATION NO.	16/984,566	FILING DATE	August 4, 2020

IN WITNESS THEREOF

 _____ Vaideeswaran Ganesan	10 July 2020 _____ Date
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## PATENT ASSIGNMENT

WHEREAS, I, Deepaganesh Paulraj, the undersigned inventor, of #7, Sri muthu Rathina Nivas, 1st Cross, Pearl Paradise Layout, Kempapura Main Road, Bangalore, India 560037, having invented certain new and useful improvements as disclosed and/or claimed in a patent application entitled: "AGGREGATED CACHE SUPPORTING DYNAMIC RATIOS IN A VSAN ARCHITECTURE," for which application for United States Letters Patent is made, the said application having been filed concurrently herewith; and

WHEREAS, Dell Products, L.P., a Texas Limited Partnership, having a principal place of business at One Dell Way, Round Rock, TX 78682, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon in the United States and all other countries throughout the world;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to Dell Products, L.P., its successors and assigns, my entire right, title and interest in and to the said invention and in to the said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Commissioner for Patents to issue all patents for said invention, or patent resulting therefrom, insofar as my interest is concerned, to Dell Products, L.P., as assignee of my entire right, title and interest. I declare that I have not executed and will not execute any agreement in conflict herewith.


I also hereby sell and assign to Dell Products, L.P., its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including, but not limited to, the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

I hereby further agree that I will communicate to Dell Products, L.P., or to its successors, assigns, and legal representatives, any facts known to me respecting said invention or the file history thereof, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid Dell Products, L.P., its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

I authorize the later insertion of the non-provisional application number and filing date herein below.

TITLE	AGGREGATED CACHE SUPPORTING DYNAMIC RATIOS IN A VSAN ARCHITECTURE		
NON-PROVISIONAL APPLICATION NO.	16/984,566	FILING DATE	August 4, 2020

IN WITNESS THEREOF

 _____ Deepaganesh Paulraj	7/10/2020 _____ Date
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## PATENT ASSIGNMENT

WHEREAS, I, Vinod P S, the undersigned inventor, of Shangri La 003 Block02 Harsha Meadows, Suddagunta Palaya, C V Raman Nagar beside Vinayaka, Bangalore, India 560093, having invented certain new and useful improvements as disclosed and/or claimed in a patent application entitled: "AGGREGATED CACHE SUPPORTING DYNAMIC RATIOS IN A VSAN ARCHITECTURE," for which application for United States Letters Patent is made, the said application having been filed concurrently herewith; and

WHEREAS, Dell Products, L.P., a Texas Limited Partnership, having a principal place of business at One Dell Way, Round Rock, TX 78682, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon in the United States and all other countries throughout the world;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to Dell Products, L.P., its successors and assigns, my entire right, title and interest in and to the said invention and in to the said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Commissioner for Patents to issue all patents for said invention, or patent resulting therefrom, insofar as my interest is concerned, to Dell Products, L.P., as assignee of my entire right, title and interest. I declare that I have not executed and will not execute any agreement in conflict herewith.


I also hereby sell and assign to Dell Products, L.P., its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including, but not limited to, the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

I hereby further agree that I will communicate to Dell Products, L.P., or to its successors, assigns, and legal representatives, any facts known to me respecting said invention or the file history thereof, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid Dell Products, L.P., its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

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TITLE	AGGREGATED CACHE SUPPORTING DYNAMIC RATIOS IN A VSAN ARCHITECTURE		
NON-PROVISIONAL APPLICATION NO.	16/984,566	FILING DATE	August 4, 2020

IN WITNESS THEREOF

 <hr/> Vinod P S	10 July 2020 <hr/> Date
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## PATENT ASSIGNMENT

WHEREAS, I, Ankit Singh, the undersigned inventor, of #24, 2nd Cross, 8th Main, Phase 4, Reliable Lakedew Residency, Haralur Main Road, HSR, Bangalore, India 560102, having invented certain new and useful improvements as disclosed and/or claimed in a patent application entitled: "AGGREGATED CACHE SUPPORTING DYNAMIC RATIOS IN A VSAN ARCHITECTURE," for which application for United States Letters Patent is made, the said application having been filed concurrently herewith; and

WHEREAS, Dell Products, L.P., a Texas Limited Partnership, having a principal place of business at One Dell Way, Round Rock, TX 78682, is desirous of acquiring my entire right, title and interest in and to the said invention, and to the said application and any Letters Patent that may issue thereon in the United States and all other countries throughout the world;

NOW, THEREFORE, for good and valuable consideration, the receipt of which is hereby acknowledged, I hereby sell and assign to Dell Products, L.P., its successors and assigns, my entire right, title and interest in and to the said invention and in to the said application and all patents which may be granted therefor, and all divisions, reissues, substitutions, continuations, and extensions thereof; and I hereby authorize and request the Commissioner for Patents to issue all patents for said invention, or patent resulting therefrom, insofar as my interest is concerned, to Dell Products, L.P., as assignee of my entire right, title and interest. I declare that I have not executed and will not execute any agreement in conflict herewith.

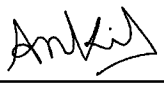
I also hereby sell and assign to Dell Products, L.P., its successors and assigns, my foreign rights to the invention disclosed in said application, in all countries of the world, including, but not limited to, the right to file applications and obtain patents under the terms of the International Convention for the Protection of Industrial Property, and of the European Patent Convention, and further agree to execute any and all patent applications, assignments, affidavits, and any other papers in connection therewith necessary to perfect such patent rights.

I hereby further agree that I will communicate to Dell Products, L.P., or to its successors, assigns, and legal representatives, any facts known to me respecting said invention or the file history thereof, and at the expense of said assignee company, testify in any legal proceedings, sign all lawful papers, execute all divisional, continuation, reissue and substitute applications, make all lawful oaths, and generally do everything possible to aid Dell Products, L.P., its successors, assigns and nominees to obtain and enforce proper patent protection for said invention in all countries.

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IN WITNESS THEREOF

 <hr/> Ankit Singh	10th July 2020 <hr/> Date
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