

## PATENT ASSIGNMENT COVER SHEET

Electronic Version v1.1  
 Stylesheet Version v1.2

EPAS ID: PAT6030847

<b>SUBMISSION TYPE:</b>	NEW ASSIGNMENT
<b>NATURE OF CONVEYANCE:</b>	MERGER
<b>EFFECTIVE DATE:</b>	01/28/2020

**CONVEYING PARTY DATA**

Name	Execution Date
VCE IP HOLDING COMPANY LLC	01/28/2020

**RECEIVING PARTY DATA**

<b>Name:</b>	EMC IP HOLDING COMPANY LLC
<b>Street Address:</b>	ONE DELL WAY
<b>City:</b>	ROUND ROCK
<b>State/Country:</b>	TEXAS
<b>Postal Code:</b>	78682

**PROPERTY NUMBERS Total: 64**

Property Type	Number
Application Number:	13538910
Application Number:	13597104
Application Number:	13597150
Application Number:	13729488
Application Number:	13731337
Application Number:	13731869
Application Number:	13738673
Application Number:	13786070
Application Number:	13843262
Application Number:	13959008
Application Number:	13959017
Application Number:	14015324
Application Number:	14015357
Application Number:	14078233
Application Number:	14078300
Application Number:	14079561
Application Number:	14085549
Application Number:	14088997
Application Number:	14101186

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Property Type	Number
Application Number:	14104423
Application Number:	14109754
Application Number:	14132565
Application Number:	14174577
Application Number:	14285525
Application Number:	14290733
Application Number:	14460677
Application Number:	14460695
Application Number:	14460713
Application Number:	14460729
Application Number:	14536447
Application Number:	14536448
Application Number:	14539642
Application Number:	14548230
Application Number:	14557045
Application Number:	14574124
Application Number:	14703696
Application Number:	14709103
Application Number:	14715017
Application Number:	14827122
Application Number:	14841145
Application Number:	14843808
Application Number:	14843871
Application Number:	14919789
Application Number:	14956376
Application Number:	15191080
Application Number:	15191087
Application Number:	15209580
Application Number:	15233358
Application Number:	15243633
Application Number:	15349567
Application Number:	15352329
Application Number:	16129372
Application Number:	16262156
Application Number:	16722661
Application Number:	61505513
Application Number:	61693221
Application Number:	61695422

Property Type	Number
PCT Number:	US2013057075
PCT Number:	US2013056443
PCT Number:	US2013056446
PCT Number:	US2014021635
PCT Number:	US2014066603
PCT Number:	US2015043253
PCT Number:	US2015043265

#### CORRESPONDENCE DATA

**Fax Number:** (704)331-4955

*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:** 404-872-7000

**Email:** rieko.welch@wbd-us.com

**Correspondent Name:** WOMBLE BOND DICKINSON (US) LLP

**Address Line 1:** ATTN: IP DOCKETING

**Address Line 2:** P.O. BOX 7037

**Address Line 4:** ATLANTA, GEORGIA 30357-0037

<b>ATTORNEY DOCKET NUMBER:</b>	69138.0023.9
<b>NAME OF SUBMITTER:</b>	ANDREW T. SPENCE
<b>SIGNATURE:</b>	/ANDREW T. SPENCE/
<b>DATE SIGNED:</b>	03/25/2020

#### Total Attachments: 4

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# Delaware

The First State

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I, JEFFREY W. BULLOCK, SECRETARY OF STATE OF THE STATE OF  
DELAWARE, DO HEREBY CERTIFY THE ATTACHED IS A TRUE AND CORRECT  
COPY OF THE CERTIFICATE OF MERGER, WHICH MERGES:

"VCE IP HOLDING COMPANY LLC", A DELAWARE LIMITED LIABILITY  
COMPANY,

WITH AND INTO "EMC IP HOLDING COMPANY LLC" UNDER THE NAME OF  
"EMC IP HOLDING COMPANY LLC", A LIMITED LIABILITY COMPANY  
ORGANIZED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE,  
AS RECEIVED AND FILED IN THIS OFFICE ON THE TWENTY-EIGHTH DAY OF  
JANUARY, A.D. 2020, AT 2:06 O`CLOCK P.M.



  
Jeffrey W. Bullock, Secretary of State

6130185 8100M  
SR# 20200610048

You may verify this certificate online at [corp.delaware.gov/authver.shtml](http://corp.delaware.gov/authver.shtml)

Authentication: 202277364  
Date: 01-28-20

**PATENT**  
**REEL: 052224 FRAME: 0317**

**CERTIFICATE OF MERGER**  
**OF**  
**VCE IP HOLDING COMPANY LLC**  
**(A Delaware limited liability company)**  
**INTO**  
**EMC IP HOLDING COMPANY LLC**  
**(A Delaware limited liability company)**

Dated: January 28, 2020

Pursuant to Title 6, Section 18-209(c) of the Delaware Limited Liability Company Act (the "LLC Act"), EMC IP Holding Company LLC, a Delaware limited liability company (the "Company"), hereby certifies to the following facts relating to the merger of VCE IP Holding Company LLC, a Delaware limited liability company ("VCE IP"), with and into the Company (the "Merger"):

**FIRST:** The name, jurisdiction of formation or organization of each, and type of entity of the constituent entities which is to merge are as follows:

<u>Name</u>	<u>Jurisdiction of Organization</u>	<u>Type</u>
VCE IP Holding Company LLC	Delaware	Limited Liability Company
EMC IP Holding Company LLC	Delaware	Limited Liability Company

**SECOND:** An Agreement and Plan of Merger (the "Merger Agreement") has been approved and executed by and between the Company and VCE IP in accordance with the requirements of Section 18-209 of the LLC Act.

**THIRD:** The Company will be the surviving limited liability company ("Surviving LLC") in the Merger, and the Company will continue its existence as the Surviving LLC under its present name upon the effectiveness of the Merger pursuant to the provisions of the Act.

**FOURTH:** The Certificate of Formation of the Company as in effect immediately prior to the Merger shall be Certificate of Formation of the Surviving LLC.

**FIFTH:** The Merger shall be effective upon the filing of this Certificate of Merger in the office of the Secretary of State of the State of Delaware.

**SIXTH:** An executed copy of the Merger Agreement is on file at the office of the Surviving LLC located at One Dell Way, Round Rock, Texas 78682.

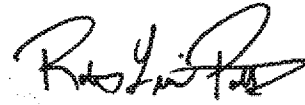
**SEVENTH:** A copy of the Merger Agreement will be furnished by the Surviving LLC, on request and without cost, to any member of either of the constituent entities.

*[Signature page follows]*

**IN WITNESS WHEREOF**, EMC IP Holding Company LLC has caused this Certificate of Merger to be duly executed as of the date first written above.

**EMC IP HOLDING COMPANY LLC**

By:

A handwritten signature in black ink, appearing to read 'Robert Potts', written over a small, faint rectangular stamp.

Name: Robert Potts

Title: Senior Vice President and Assistant  
Secretary