

PATENT ASSIGNMENT COVER SHEET

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SUBMISSION TYPE:	NEW ASSIGNMENT
NATURE OF CONVEYANCE:	ASSIGNMENT
CONVEYING PARTY DATA	
Name	Execution Date
MICHAEL L. BURRISS	07/29/2019
WAI YIM	07/29/2019
WILLIAM K. MCGRATH	07/30/2019
THARANI MCGUINNESS	07/29/2019
EARLE MACHARDY	07/29/2019
RECEIVING PARTY DATA	
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Street Address:	176 SOUTH STREET
City:	HOPKINTON
State/Country:	MASSACHUSETTS
Postal Code:	01748
PROPERTY NUMBERS Total: 1	
Property Type	Number
Application Number:	16526647
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ATTORNEY DOCKET NUMBER:	DELL-075PUS
NAME OF SUBMITTER:	KIRIL O, DIMOV
SIGNATURE:	/Kiril O. Dimov/
DATE SIGNED:	07/31/2019
Total Attachments: 7	

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ASSIGNMENT

WHEREAS, we, Michael L. Burriss, Wai Yim, William K. McGrath, Tharani McGuinness, Earle MacHardy, have invented an invention comprising and/or embodying certain improvements or discoveries or both as described in an application for Letters Patent of the United States entitled DYNAMIC MEMORY MANAGER and identified as Attorney Docket No. DELL-075PUS, the specification of which:

- is being executed on even date herewith and is about to be filed in the United States Patent Office;
- was filed on _____ as U.S. Application No. _____;
- was patented under U.S. Patent No. _____ on _____

WHEREAS, EMC IP Holding Company LLC (hereinafter "ASSIGNEE"), a Delaware limited liability company having a usual place of business at 176 South Street, Hopkinton, Massachusetts 01748 desires to acquire an interest therein in accordance with agreements duly entered into with me;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of said agreements and of other good and valuable consideration, the receipt of which is hereby acknowledged, we have sold, assigned and transferred and by these presents do hereby sell, assign and transfer unto said ASSIGNEE, its successors, assigns and legal representatives, the entire right, title and interest in and throughout the United States of America, its territories and all foreign countries, in and to said invention as described in said application, together with the entire right, title and interest in and to said application and such Letters Patent as may issue thereon; said invention, application and Letters Patent to be held and enjoyed by said ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full end of the term for which said Letters Patent may be granted as fully and entirely as the same would have been held by us had this assignment and sale not been made; we hereby convey to ASSIGNEE all rights arising under or pursuant to any and all international agreements, treaties or laws relating to the protection of industrial property by filing any such applications for Letters Patent. We hereby acknowledge that this assignment, being of the entire right, title and interest in and to said invention, carries with it the right in ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all such Letters Patent to ASSIGNEE for its own name as assignee of the entire right, title and interest therein;

AND, we hereby further agree for ourselves and our executors and administrators to execute upon request any other lawful documents and likewise to perform any other lawful acts which may be deemed necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns and legal representatives, but at its or their expense and charges, including the execution of applications for patents in foreign countries, and the execution of substitution, reissue, divisional or continuation applications and preliminary or other statements and the giving of testimony in any

interference or other proceeding in which said invention or any application or patent directed thereto may be involved;

AND, we do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE, its successors, assigns, and legal representatives;

AND, we hereby authorize attorneys that we have appointed and EMC IP Holding Company LLC to insert here in parenthesis (16/526,647 July 30, 2019) the application number and filing date of said Application (or foreign counterpart application) to facilitate the recording or other official processing of this Assignment.

IN TESTIMONY WHEREOF, we have hereunto set our hands and affixed our seals as set forth below:

PATENT

Atty. Dckt. No.: DELL-075PUS

Client Case No.: 115625.01

Date: 7/29/19



Inventor's Signature

Print full name of first inventor:

Michael L. Burriss

Residence:

309 Woodcock Circle

Citizenship:

Raleigh, North Carolina 27615

Mailing Address:

United States

Same as above

PATENT

REEL: 049917 FRAME: 0304

PATENT
Atty. Dckt. No.: DELL-075PUS
Client Case No.: 115625.01

Date: 7/29/2019

Wai Yim
Inventor's Signature

Print full name of first inventor:
Residence:

Wai Yim
22 Cassie Lane
Merrimack, NH 03054

Citizenship:
Mailing Address:

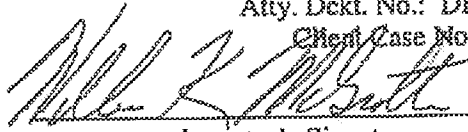
United States
Same as above

PATENT

Atty. Dckt. No.: DELL-075PUS

Client Case No.: 115625.01

Date: 7/30/2019



Inventor's Signature

Print full name of first inventor:

William K. McGrath

Residence:

7325 New Forest Lane

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Mailing Address:

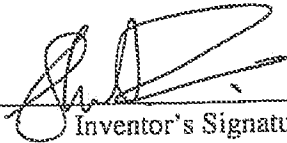
Same as above

PATENT

Atty. Dekt. No.: DELL-075PUS

Client Case No.: 115625.01

Date: 07/29/2019


Inventor's Signature

Print full name of first inventor:

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Mailing Address:

Same as above

PATENT
Atty. Dekt. No.: DELL-075PUS
Client Case No.: 115625.01

Date: 7/29/2019

Earle MacHardy
Inventor's Signature

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Durham, North Carolina 27707

Citizenship:

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Same as above

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